

```
*****
i=28001
k(28001)=0.99878346072754
kQ(28001)=0.99756840142289
r1= : 1.1653278092044E-12
rpunto1: = 14783115.829826
rduepunti0 : = -8.7979898305151E+25
fil : = 487.40571888949
fipunto1 : = 9.2072240973444E+18
fi_gradi : = 27926.290602908
t1 : = 1.0808726274417E-14
tpunto1 : = 1.0040037237043
tduepunti0 : = -6.2050852167965E+16
v=v_elettrone : = 18288895.450188
x0= : -1.0437873161302E-12
y0= : -5.1425321579061E-13
*****
i=28002
k(28002)=0.99878515716934
kQ(28002)=0.99757179018179
r1= : 1.1670615537123E-12
rpunto1: = 14772811.110538
rduepunti0 : = -8.7865229355643E+25
fil : = 487.4067987007
fipunto1 : = 9.1798275586441E+18
fi_gradi : = 27926.352471533
t1 : = 1.0808726392165E-14
tpunto1 : = 1.0039964732676
tduepunti0 : = -6.1822284039094E+16
v=v_elettrone : = 18271084.702936
x0= : -1.0447852361185E-12
y0= : -5.1615183162893E-13
*****
i=28003
k(28003)=0.99878685021247
kQ(28003)=0.99757517215734
r1= : 1.1687940896962E-12
rpunto1: = 14762519.846984
rduepunti0 : = -8.7750496379705E+25
fil : = 487.40787529888
fipunto1 : = 9.1525721297928E+18
fi_gradi : = 27926.414156065
t1 : = 1.0808726509913E-14
tpunto1 : = 1.003989249488
tduepunti0 : = -6.1594987782003E+16
v=v_elettrone : = 18253322.360422
x0= : -1.0457808548671E-12
y0= : -5.1804929663774E-13
*****
i=28004
k(28004)=0.99878853986042
kQ(28004)=0.9975785473565
r1= : 1.1705254187341E-12
rpunto1: = 14752242.046094
rduepunti0 : = -8.7635704301408E+25
fil : = 487.40894870058
fipunto1 : = 9.125456808044E+18
fi_gradi : = 27926.475657452
t1 : = 1.0808726627659E-14
tpunto1 : = 1.0039820522172
tduepunti0 : = -6.1368954101565E+16
v=v_elettrone : = 18235608.196442
x0= : -1.0467741804601E-12
y0= : -5.1994561180071E-13
```

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*****
i=28005
k(28005)=0.99879022611679
kQ(28005)=0.99758191578644
r1= : 1.172255542405E-12
rpunto1 : = 14741977.714233
rduepunti0 : = -8.7520857960776E+25
fil : = 487.41001892223
fipunto1 : = 9.0984805996191E+18
fi_gradi : = 27926.536976636
t1 : = 1.0808726745405E-14
tpunto1 : = 1.0039748813084
tduepunti0 : = -6.1144173785274E+16
v=v_elettrone : = 18217941.986337
x0= : -1.0477652209381E-12
y0= : -5.2184077810685E-13
*****
i=28006
k(28006)=0.99879190898528
kQ(28006)=0.99758527745446
r1= : 1.1739844622884E-12
rpunto1 : = 14731726.857207
rduepunti0 : = -8.7405962115122E+25
fil : = 487.41108598015
fipunto1 : = 9.0716425196121E+18
fi_gradi : = 27926.598114551
t1 : = 1.080872686315E-14
tpunto1 : = 1.0039677366156
tduepunti0 : = -6.0920637702391E+16
v=v_elettrone : = 18200323.507363
x0= : -1.0487539842983E-12
y0= : -5.2373479655043E-13
*****
i=28007
k(28007)=0.99879358846965
kQ(28007)=0.99758863236808
r1= : 1.1757121799648E-12
rpunto1 : = 14721489.480273
rduepunti0 : = -8.7291021440367E+25
fil : = 487.41214989053
fipunto1 : = 9.0449415918946E+18
fi_gradi : = 27926.659072125
t1 : = 1.0808726980894E-14
tpunto1 : = 1.003960617994
tduepunti0 : = -6.0698336803114E+16
v=v_elettrone : = 18182752.5371
x0= : -1.0497404784945E-12
y0= : -5.2562766813094E-13
*****
i=28008
k(28008)=0.99879526457376
kQ(28008)=0.99759198053496
r1= : 1.1774386970149E-12
rpunto1 : = 14711265.588149
rduepunti0 : = -8.7176040532331E+25
fil : = 487.41321066946
fipunto1 : = 9.0183768490229E+18
fi_gradi : = 27926.719850281
t1 : = 1.0808727098637E-14
tpunto1 : = 1.0039535252997
tduepunti0 : = -6.047726211774E+16
v=v_elettrone : = 18165228.855825
x0= : -1.0507247114381E-12
y0= : -5.2751939385282E-13
```

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*****
i=28009
k(28009)=0.99879693730154
kQ(28009)=0.99759532196293
r1= : 1.1791640150203E-12
rpunto1: = 14701055.185025
rduepunti0 : = -8.7061023908005E+25
fil : = 487.41426833291
fipunto1 : = 8.9919473321455E+18
fi_gradi : = 27926.780449933
t1 : = 1.0808727216379E-14
tpunto1 : = 1.00394645839
tduepunti0 : = -6.0257404755852E+16
v=v_elettrone : = 18147752.243902
x0= : -1.0517066909977E-12
y0= : -5.2940997472553E-13
*****
i=28010
k(28010)=0.99879860665701
kQ(28010)=0.99759865665999
r1= : 1.180888135563E-12
rpunto1: = 14690858.274569
rduepunti0 : = -8.6945976006807E+25
fil : = 487.41532289675
fipunto1 : = 8.9656520909124E+18
fi_gradi : = 27926.84087199
t1 : = 1.0808727334121E-14
tpunto1 : = 1.0039394171232
tduepunti0 : = -6.0038755905506E+16
v=v_elettrone : = 18130322.484506
x0= : -1.0526864249998E-12
y0= : -5.312994117633E-13
*****
i=28011
k(28011)=0.99880027264429
kQ(28011)=0.9976019846343
r1= : 1.1826110602254E-12
rpunto1: = 14680674.859936
rduepunti0 : = -8.6830901191811E+25
fil : = 487.41637437671
fipunto1 : = 8.9394901833847E+18
fi_gradi : = 27926.901117354
t1 : = 1.0808727451862E-14
tpunto1 : = 1.0039324013585
tduepunti0 : = -5.9821306832429E+16
v=v_elettrone : = 18112939.360667
x0= : -1.0536639212291E-12
y0= : -5.3318770598522E-13
*****
i=28012
k(28012)=0.99880193526753
kQ(28012)=0.99760530589416
r1= : 1.1843327905902E-12
rpunto1: = 14670504.943781
rduepunti0 : = -8.6715803750957E+25
fil : = 487.41742278844
fipunto1 : = 8.913460675946E+18
fi_gradi : = 27926.961186921
t1 : = 1.0808727569602E-14
tpunto1 : = 1.0039254109562
tduepunti0 : = -5.9605048879229E+16
v=v_elettrone : = 18095602.657999
x0= : -1.0546391874285E-12
y0= : -5.3507485841487E-13
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*****
i=28013
k(28013)=0.99880359453099
kQ(28013)=0.99760862044803
r1= : 1.1860533282405E-12
rpunto1 : = 14660348.528263
rduepunti0 : = -8.6600687898241E+25
fil : = 487.41846814746
fipunto1 : = 8.8875626432149E+18
fi_gradi : = 27927.021081581
t1 : = 1.0808727687341E-14
tpunto1 : = 1.0039184457778
tduepunti0 : = -5.9389973464613E+16
v=v_elettrone : = 18078312.16273
x0= : -1.0556122312997E-12
y0= : -5.369608700805E-13
*****
i=28014
k(28014)=0.998805250439
kQ(28014)=0.99761192830452
r1= : 1.1877726747597E-12
rpunto1 : = 14650205.615055
rduepunti0 : = -8.6485557774889E+25
fil : = 487.41951046919
fipunto1 : = 8.8617951679576E+18
fi_gradi : = 27927.080802217
t1 : = 1.0808727805079E-14
tpunto1 : = 1.0039115056853
tduepunti0 : = -5.9176072082607E+16
v=v_elettrone : = 18061067.662779
x0= : -1.0565830605035E-12
y0= : -5.3884574201472E-13
*****
i=28015
k(28015)=0.99880690299596
kQ(28015)=0.99761522947238
r1= : 1.1894908317313E-12
rpunto1 : = 14640076.205354
rduepunti0 : = -8.6370417450508E+25
fil : = 487.42054976895
fipunto1 : = 8.8361573410029E+18
fi_gradi : = 27927.140349707
t1 : = 1.0808727922816E-14
tpunto1 : = 1.0039045905423
tduepunti0 : = -5.8963336301797E+16
v=v_elettrone : = 18043868.947453
x0= : -1.0575516826599E-12
y0= : -5.4072947525455E-13
*****
i=28016
k(28016)=0.99880855220633
kQ(28016)=0.99761852396051
r1= : 1.1912078007389E-12
rpunto1 : = 14629960.299887
rduepunti0 : = -8.6255270924218E+25
fil : = 487.42158606194
fipunto1 : = 8.8106482611573E+18
fi_gradi : = 27927.199724922
t1 : = 1.0808728040553E-14
tpunto1 : = 1.0038977002129
tduepunti0 : = -5.8751757764569E+16
v=v_elettrone : = 18026715.807166
x0= : -1.0585181053483E-12
y0= : -5.4261207084126E-13
```

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*****
i=28017
k(28017)=0.99881019807466
kQ(28017)=0.99762181177795
r1= : 1.1929235833664E-12
rpunto1: = 14619857.89892
rduepunti0 : = -8.6140122125766E+25
fil : = 487.42261936325
fipunto1 : = 8.7852670351213E+18
fi_gradi : = 27927.258928726
t1 : = 1.0808728158289E-14
tpunto1 : = 1.0038908345624
tduepunti0 : = -5.854132818636E+16
v=v_elettrone : = 18009608.033826
x0= : -1.0594823361081E-12
y0= : -5.444935298203E-13
*****
i=28018
k(28018)=0.99881184060555
kQ(28018)=0.99762509293385
r1= : 1.1946381811975E-12
rpunto1: = 14609769.002268
rduepunti0 : = -8.6024974916624E+25
fil : = 487.42364968789
fipunto1 : = 8.760012777407E+18
fi_gradi : = 27927.317961979
t1 : = 1.0808728276024E-14
tpunto1 : = 1.0038839934571
tduepunti0 : = -5.8332039354922E+16
v=v_elettrone : = 17992545.420204
x0= : -1.0604443824388E-12
y0= : -5.4637385324122E-13
*****
i=28019
k(28019)=0.99881347980367
kQ(28019)=0.99762836743752
r1= : 1.1963515958159E-12
rpunto1: = 14599693.609299
rduepunti0 : = -8.5909833091066E+25
fil : = 487.42467705074
fipunto1 : = 8.7348846102565E+18
fi_gradi : = 27927.376825535
t1 : = 1.0808728393758E-14
tpunto1 : = 1.003877176764
tduepunti0 : = -5.8123883129584E+16
v=v_elettrone : = 17975527.760661
x0= : -1.0614042518003E-12
y0= : -5.482530421575E-13
*****
i=28020
k(28020)=0.99881511567377
kQ(28020)=0.9976316352984
r1= : 1.1980638288055E-12
rpunto1: = 14589631.718944
rduepunti0 : = -8.5794700377228E+25
fil : = 487.4257014666
fipunto1 : = 8.7098816635612E+18
fi_gradi : = 27927.43552024
t1 : = 1.0808728511491E-14
tpunto1 : = 1.0038703843514
tduepunti0 : = -5.7916851440536E+16
v=v_elettrone : = 17958554.851528
x0= : -1.0623619516133E-12
y0= : -5.501310976265E-13

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*****
i=28021
k(28021)=0.99881674822063
kQ(28021)=0.99763489652603
r1= : 1.1997748817497E-12
rpunto1 : = 14579583.329705
rduepunti0 : = -8.5679580438153E+25
fil : = 487.42672295014
fipunto1 : = 8.6850030747821E+18
fi_gradi : = 27927.494046935
t1 : = 1.0808728629224E-14
tpunto1 : = 1.0038636160882
tduepunti0 : = -5.7710936288107E+16
v=v_elettrone : = 17941626.488792
x0= : -1.0633174892591E-12
y0= : -5.5200802070955E-13
*****
i=28022
k(28022)=0.99881837744912
kQ(28022)=0.99763815113009
r1= : 1.2014847562319E-12
rpunto1 : = 14569548.439662
rduepunti0 : = -8.5564476872816E+25
fil : = 487.42774151595
fipunto1 : = 8.6602479888714E+18
fi_gradi : = 27927.552406458
t1 : = 1.0808728746956E-14
tpunto1 : = 1.0038568718444
tduepunti0 : = -5.7506129742065E+16
v=v_elettrone : = 17924742.471519
x0= : -1.0642708720807E-12
y0= : -5.5388381247152E-13
*****
i=28023
k(28023)=0.99882000336417
kQ(28023)=0.9976413991204
r1= : 1.2031934538353E-12
rpunto1 : = 14559527.046479
rduepunti0 : = -8.5449393217132E+25
fil : = 487.42875717852
fipunto1 : = 8.6356155581943E+18
fi_gradi : = 27927.610599636
t1 : = 1.0808728864687E-14
tpunto1 : = 1.003850151491
tduepunti0 : = -5.7302423940909E+16
v=v_elettrone : = 17907902.59852
x0= : -1.0652221073822E-12
y0= : -5.5575847398109E-13
*****
i=28024
k(28024)=0.99882162597075
kQ(28024)=0.99764464050685
r1= : 1.2049009761429E-12
rpunto1 : = 14549519.147415
rduepunti0 : = -8.5334332944951E+25
fil : = 487.42976995223
fipunto1 : = 8.6111049424526E+18
fi_gradi : = 27927.668627295
t1 : = 1.0808728982417E-14
tpunto1 : = 1.0038434548998
tduepunti0 : = -5.7099811091186E+16
v=v_elettrone : = 17891106.670754
x0= : -1.0661712024297E-12
y0= : -5.5763200631037E-13
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*****
i=28025
k(28025)=0.9988232452739
kQ(28025)=0.99764787529949
r1= : 1.2066073247371E-12
rpunto1: = 14539524.739327
rduepunti0 : = -8.5219299469036E+25
fil : = 487.43077985136
fipunto1 : = 8.5867153086086E+18
fi_gradi : = 27927.726490253
t1 : = 1.0808729100146E-14
tpunto1 : = 1.0038367819434
tduepunti0 : = -5.6898283466804E+16
v=v_elettrone : = 17874354.490043
x0= : -1.0671181644513E-12
y0= : -5.5950441053504E-13
*****
i=28026
k(28026)=0.99882486127872
kQ(28026)=0.99765110350846
r1= : 1.2083125012002E-12
rpunto1: = 14529543.818678
rduepunti0 : = -8.5104296142019E+25
fil : = 487.43178689011
fipunto1 : = 8.5624458308103E+18
fi_gradi : = 27927.784189324
t1 : = 1.0808729217875E-14
tpunto1 : = 1.0038301324956
tduepunti0 : = -5.6697833408354E+16
v=v_elettrone : = 17857645.859759
x0= : -1.0680630006372E-12
y0= : -5.6137568773413E-13
*****
i=28027
k(28027)=0.99882647399036
kQ(28027)=0.99765432514402
r1= : 1.2100165071139E-12
rpunto1: = 14519576.381548
rduepunti0 : = -8.4989326257352E+25
fil : = 487.43279108257
fipunto1 : = 8.5382956903169E+18
fi_gradi : = 27927.841725313
t1 : = 1.0808729335603E-14
tpunto1 : = 1.0038235064308
tduepunti0 : = -5.6498453322444E+16
v=v_elettrone : = 17840980.583882
x0= : -1.0690057181405E-12
y0= : -5.6324583899006E-13
*****
i=28028
k(28028)=0.99882808341402
kQ(28028)=0.99765754021652
r1= : 1.2117193440597E-12
rpunto1: = 14509622.423633
rduepunti0 : = -8.4874393050233E+25
fil : = 487.43379244273
fipunto1 : = 8.514264075426E+18
fi_gradi : = 27927.899099024
t1 : = 1.080872945333E-14
tpunto1 : = 1.0038169036245
tduepunti0 : = -5.6300135681038E+16
v=v_elettrone : = 17824358.46837
x0= : -1.0699463240767E-12
y0= : -5.6511486538841E-13
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*****
i=28029
k(28029)=0.99882968955495
kQ(28029)=0.99766074873643
r1= : 1.2134210136183E-12
rpunto1 : = 14499681.940261
rduepunti0 : = -8.4759499698523E+25
fil : = 487.4347909845
fipunto1 : = 8.4903501814011E+18
fi_gradi : = 27927.956311253
t1 : = 1.0808729571056E-14
tpunto1 : = 1.0038103239529
tduepunti0 : = -5.6102873020804E+16
v=v_elettrone : = 17807779.319535
x0= : -1.0708848255247E-12
y0= : -5.6698276801801E-13
*****
i=28030
k(28030)=0.99883129241846
kQ(28030)=0.99766395071432
r1= : 1.21512151737E-12
rpunto1 : = 14489754.926391
rduepunti0 : = -8.4644649323645E+25
fil : = 487.43578672167
fipunto1 : = 8.4665532104001E+18
fi_gradi : = 27928.013362791
t1 : = 1.0808729688782E-14
tpunto1 : = 1.0038037672931
tduepunti0 : = -5.5906657942462E+16
v=v_elettrone : = 17791242.94576
x0= : -1.0718212295266E-12
y0= : -5.6884954797071E-13
*****
i=28031
k(28031)=0.9988328920099
kQ(28031)=0.99766714616086
r1= : 1.2168208568944E-12
rpunto1 : = 14479841.376623
rduepunti0 : = -8.4529844991471E+25
fil : = 487.43677966797
fipunto1 : = 8.4428723714046E+18
fi_gradi : = 27928.070254423
t1 : = 1.0808729806507E-14
tpunto1 : = 1.0037972335231
tduepunti0 : = -5.5711483110153E+16
v=v_elettrone : = 17774749.155501
x0= : -1.072755543088E-12
y0= : -5.7071520634143E-13
*****
i=28032
k(28032)=0.99883448833468
kQ(28032)=0.9976703350868
r1= : 1.2185190337707E-12
rpunto1 : = 14469941.285204
rduepunti0 : = -8.4415089713189E+25
fil : = 487.43776983701
fipunto1 : = 8.4193068801502E+18
fi_gradi : = 27928.12698693
t1 : = 1.0808729924231E-14
tpunto1 : = 1.0037907225219
tduepunti0 : = -5.5517341250799E+16
v=v_elettrone : = 17758297.76007
x0= : -1.0736877731785E-12
y0= : -5.7257974422795E-13
```



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*****
i=28033
k(28033)=0.99883608139825
kQ(28033)=0.99767351750301
r1= : 1.2202160495772E-12
rpunto1 : = 14460054.646034
rduepunti0 : = -8.4300386446167E+25
fil : = 487.43875724232
fipunto1 : = 8.3958559590574E+18
fi_gradi : = 27928.183561087
t1 : = 1.0808730041954E-14
tpunto1 : = 1.003784234169
tduepunti0 : = -5.5324225153485E+16
v=v_elettrone : = 17741888.569903
x0= : -1.0746179267316E-12
y0= : -5.744431627311E-13
*****
i=28034
k(28034)=0.99883767120611
kQ(28034)=0.99767669342044
r1= : 1.2219119058916E-12
rpunto1 : = 14450181.452673
rduepunti0 : = -8.418573809479E+25
fil : = 487.43974189734
fipunto1 : = 8.3725188371636E+18
fi_gradi : = 27928.239977664
t1 : = 1.0808730159677E-14
tpunto1 : = 1.0037777683452
tduepunti0 : = -5.5132127668838E+16
v=v_elettrone : = 17725521.398028
x0= : -1.0755460106452E-12
y0= : -5.7630546295431E-13
*****
i=28035
k(28035)=0.99883925776379
kQ(28035)=0.99767986285012
r1= : 1.2236066042908E-12
rpunto1 : = 14440321.698346
rduepunti0 : = -8.4071147511294E+25
fil : = 487.44072381541
fipunto1 : = 8.3492947500555E+18
fi_gradi : = 27928.296237425
t1 : = 1.0808730277398E-14
tpunto1 : = 1.0037713249316
tduepunti0 : = -5.4941041708414E+16
v=v_elettrone : = 17709196.058046
x0= : -1.0764720317818E-12
y0= : -5.7816664600383E-13
*****
i=28036
k(28036)=0.99884084107688
kQ(28036)=0.99768302580318
r1= : 1.2253001463509E-12
rpunto1 : = 14430475.37595
rduepunti0 : = -8.3956617496581E+25
fil : = 487.44170300979
fipunto1 : = 8.3261829398028E+18
fi_gradi : = 27928.35234113
t1 : = 1.0808730395119E-14
tpunto1 : = 1.0037649038105
tduepunti0 : = -5.4750960244098E+16
v=v_elettrone : = 17692912.3652
x0= : -1.0773959969685E-12
y0= : -5.8002671298856E-13
```

```
*****
i=28037
k(28037)=0.99884242115102
kQ(28037)=0.99768618229083
r1= : 1.2269925336471E-12
rpunto1: = 14420642.478057
rduepunti0 : = -8.384215080102E+25
fil : = 487.44267949364
fipunto1 : = 8.3031826548922E+18
fi_gradi : = 27928.408289534
t1 : = 1.080873051284E-14
tpunto1 : = 1.0037585048649
tduepunti0 : = -5.4561876307505E+16
v=v_elettrone : = 17676670.134707
x0= : -1.0783179129977E-12
y0= : -5.8188566502005E-13
*****
i=28038
k(28038)=0.99884399799187
kQ(28038)=0.99768933232438
r1= : 1.2286837677539E-12
rpunto1: = 14410822.996927
rduepunti0 : = -8.3727750125242E+25
fil : = 487.44365328005
fipunto1 : = 8.2802931501623E+18
fi_gradi : = 27928.464083385
t1 : = 1.0808730630559E-14
tpunto1 : = 1.0037521279787
tduepunti0 : = -5.4373782989385E+16
v=v_elettrone : = 17660469.184516
x0= : -1.0792377866269E-12
y0= : -5.8374350321223E-13
*****
i=28039
k(28039)=0.99884557160514
kQ(28039)=0.99769247591519
r1= : 1.2303738502449E-12
rpunto1: = 14401016.924505
rduepunti0 : = -8.3613418120912E+25
fil : = 487.44462438201
fipunto1 : = 8.2575136867398E+18
fi_gradi : = 27928.519723429
t1 : = 1.0808730748278E-14
tpunto1 : = 1.0037457730365
tduepunti0 : = -5.4186673439046E+16
v=v_elettrone : = 17644309.332292
x0= : -1.0801556245792E-12
y0= : -5.8560022868166E-13
*****
i=28040
k(28040)=0.99884714199657
kQ(28040)=0.99769561307472
r1= : 1.2320627826924E-12
rpunto1: = 14391224.252432
rduepunti0 : = -8.34991573915E+25
fil : = 487.44559281243
fipunto1 : = 8.2348435319752E+18
fi_gradi : = 27928.575210405
t1 : = 1.0808730865996E-14
tpunto1 : = 1.0037394399236
tduepunti0 : = -5.4000540863771E+16
v=v_elettrone : = 17628190.397481
x0= : -1.0810714335434E-12
y0= : -5.8745584254717E-13
```

```
*****
i=28041
k(28041)=0.99884870917197
kQ(28041)=0.99769874381451
r1= : 1.2337505666682E-12
rpunto1 : = 14381444.972049
rduepunti0 : = -8.3384970493031E+25
fil : = 487.44655858412
fipunto1 : = 8.2122819593809E+18
fi_gradi : = 27928.630545046
t1 : = 1.0808730983713E-14
tpunto1 : = 1.0037331285263
tduepunti0 : = -5.3815378528246E+16
v=v_elettrone : = 17612112.200338
x0= : -1.0819852201743E-12
y0= : -5.8931034592997E-13
*****
i=28042
k(28042)=0.99885027313714
kQ(28042)=0.99770186814615
r1= : 1.2354372037427E-12
rpunto1 : = 14371679.074403
rduepunti0 : = -8.3270859934825E+25
fil : = 487.44752170982
fipunto1 : = 8.1898282485685E+18
fi_gradi : = 27928.685728084
t1 : = 1.080873110143E-14
tpunto1 : = 1.0037268387316
tduepunti0 : = -5.3631179753998E+16
v=v_elettrone : = 17596074.562639
x0= : -1.082896991093E-12
y0= : -5.9116373995349E-13
*****
i=28043
k(28043)=0.99885183389797
kQ(28043)=0.99770498608133
r1= : 1.2371226954856E-12
rpunto1 : = 14361926.550253
rduepunti0 : = -8.3156828180228E+25
fil : = 487.44848220217
fipunto1 : = 8.1674816851878E+18
fi_gradi : = 27928.740760242
t1 : = 1.0808731219145E-14
tpunto1 : = 1.0037205704273
tduepunti0 : = -5.3447937918835E+16
v=v_elettrone : = 17580077.306692
x0= : -1.0838067528868E-12
y0= : -5.9301602574343E-13
*****
i=28044
k(28044)=0.99885339146033
kQ(28044)=0.9977080976318
r1= : 1.2388070434651E-12
rpunto1 : = 14352187.390072
rduepunti0 : = -8.3042877647329E+25
fil : = 487.44944007375
fipunto1 : = 8.1452415608662E+18
fi_gradi : = 27928.795642241
t1 : = 1.080873133686E-14
tpunto1 : = 1.0037143235019
tduepunti0 : = -5.3265646456292E+16
v=v_elettrone : = 17564120.256054
x0= : -1.08471451211E-12
y0= : -5.9486720442757E-13
```

```
*****
i=28045
k(28045)=0.99885494583016
kQ(28045)=0.99771120280937
r1= : 1.2404902492487E-12
rpunto1: = 14342461.584056
rduepunti0 : = -8.2929010709664E+25
fil : = 487.45039533704
fipunto1 : = 8.1231071731485E+18
fi_gradi : = 27928.850374796
t1 : = 1.0808731454575E-14
tpunto1 : = 1.0037080978447
tduepunti0 : = -5.3084298855085E+16
v=v_elettrone : = 17548203.235914
x0= : -1.0856202752834E-12
y0= : -5.9671727713577E-13
*****
i=28046
k(28046)=0.99885649701342
kQ(28046)=0.99771430162593
r1= : 1.2421723144024E-12
rpunto1: = 14332749.122129
rduepunti0 : = -8.2815229696917E+25
fil : = 487.45134800443
fipunto1 : = 8.1010778254381E+18
fi_gradi : = 27928.904958617
t1 : = 1.0808731572288E-14
tpunto1 : = 1.0037018933457
tduepunti0 : = -5.2903888658572E+16
v=v_elettrone : = 17532326.071068
x0= : -1.0865240488952E-12
y0= : -5.9856624500001E-13
*****
i=28047
k(28047)=0.99885804501612
kQ(28047)=0.99771739409343
r1= : 1.2438532404913E-12
rpunto1: = 14323049.993946
rduepunti0 : = -8.2701536895594E+25
fil : = 487.45229808826
fipunto1 : = 8.0791528269382E+18
fi_gradi : = 27928.95939441
t1 : = 1.0808731690001E-14
tpunto1 : = 1.0036957098959
tduepunti0 : = -5.2724409464213E+16
v=v_elettrone : = 17516488.589039
x0= : -1.0874258394008E-12
y0= : -6.0041410915405E-13
*****
i=28048
k(28048)=0.99885958984428
kQ(28048)=0.99772048022388
r1= : 1.2455330290791E-12
rpunto1: = 14313364.188897
rduepunti0 : = -8.2587934549704E+25
fil : = 487.45324560074
fipunto1 : = 8.057331492594E+18
fi_gradi : = 27929.013682877
t1 : = 1.0808731807713E-14
tpunto1 : = 1.0036895473867
tduepunti0 : = -5.2545854923049E+16
v=v_elettrone : = 17500690.617713
x0= : -1.0883256532232E-12
y0= : -6.022608707337E-13
```

```
*****
i=28049
k(28049)=0.99886113150395
kQ(28049)=0.99772356002936
r1= : 1.2472116817284E-12
rpunto1 : = 14303691.696116
rduepunti0 : = -8.2474424861417E+25
fil : = 487.45419055405
fipunto1 : = 8.0356131430357E+18
fi_gradi : = 27929.067824713
t1 : = 1.0808731925425E-14
tpunto1 : = 1.0036834057104
tduepunti0 : = -5.2368218739172E+16
v=v_elettrone : = 17484931.985361
x0= : -1.0892234967532E-12
y0= : -6.0410653087661E-13
*****
i=28050
k(28050)=0.99886267000123
kQ(28050)=0.99772663352199
r1= : 1.2488892000003E-12
rpunto1 : = 14294032.504482
rduepunti0 : = -8.2361009991719E+25
fil : = 487.45513296026
fipunto1 : = 8.0139971045217E+18
fi_gradi : = 27929.121820611
t1 : = 1.0808732043135E-14
tpunto1 : = 1.0036772847601
tduepunti0 : = -5.2191494669212E+16
v=v_elettrone : = 17469212.522059
x0= : -1.0901193763494E-12
y0= : -6.0595109072215E-13
*****
i=28051
k(28051)=0.99886420534224
kQ(28051)=0.99772970071398
r1= : 1.2505655854549E-12
rpunto1 : = 14284386.602628
rduepunti0 : = -8.2247692061049E+25
fil : = 487.45607283137
fipunto1 : = 7.9924827088829E+18
fi_gradi : = 27929.175671259
t1 : = 1.0808732160845E-14
tpunto1 : = 1.0036711844296
tduepunti0 : = -5.2015676521824E+16
v=v_elettrone : = 17453532.058337
x0= : -1.0910132983387E-12
y0= : -6.0779455141143E-13
*****
i=28052
k(28052)=0.99886573753311
kQ(28052)=0.99773276161756
r1= : 1.2522408396507E-12
rpunto1 : = 14274753.97894
rduepunti0 : = -8.2134473149933E+25
fil : = 487.4570101793
fipunto1 : = 7.9710692934672E+18
fi_gradi : = 27929.229377339
t1 : = 1.0808732278554E-14
tpunto1 : = 1.0036651046132
tduepunti0 : = -5.184075815718E+16
v=v_elettrone : = 17437890.426946
x0= : -1.0919052690166E-12
y0= : -6.0963691408721E-13
```

```
*****
i=28053
k(28053)=0.99886726658002
kQ(28053)=0.99773581624504
r1= : 1.2539149641449E-12
rpunto1: = 14265134.621565
rduepunti0 : = -8.2021355299603E+25
fil : = 487.45794501589
fipunto1 : = 7.9497562010855E+18
fi_gradi : = 27929.282939531
t1 : = 1.0808732396263E-14
tpunto1 : = 1.0036590452062
tduepunti0 : = -5.1666733486471E+16
v=v_elettrone : = 17422287.459761
x0= : -1.0927952946469E-12
y0= : -6.1147817989402E-13
*****
i=28054
k(28054)=0.99886879248917
kQ(28054)=0.99773886460877
r1= : 1.2555879604936E-12
rpunto1: = 14255528.518416
rduepunti0 : = -8.1908340512613E+25
fil : = 487.45887735291
fipunto1 : = 7.9285427799571E+18
fi_gradi : = 27929.336358507
t1 : = 1.0808732513971E-14
tpunto1 : = 1.0036530061045
tduepunti0 : = -5.1493596471414E+16
v=v_elettrone : = 17406722.991293
x0= : -1.0936833814625E-12
y0= : -6.1331834997777E-13
*****
i=28055
k(28055)=0.99887031526678
kQ(28055)=0.99774190672116
r1= : 1.257259830251E-12
rpunto1: = 14245935.657177
rduepunti0 : = -8.1795430753434E+25
fil : = 487.45980720205
fipunto1 : = 7.9074283836566E+18
fi_gradi : = 27929.389634938
t1 : = 1.0808732631678E-14
tpunto1 : = 1.0036469872047
tduepunti0 : = -5.1321341123755E+16
v=v_elettrone : = 17391196.856283
x0= : -1.0945695356649E-12
y0= : -6.1515742548604E-13
*****
i=28056
k(28056)=0.99887183491911
kQ(28056)=0.99774494259466
r1= : 1.2589305749701E-12
rpunto1: = 14236356.025303
rduepunti0 : = -8.1682627949052E+25
fil : = 487.46073457492
fipunto1 : = 7.8864123710612E+18
fi_gradi : = 27929.44276949
t1 : = 1.0808732749384E-14
tpunto1 : = 1.003640988404
tduepunti0 : = -5.1149961504794E+16
v=v_elettrone : = 17375708.890081
x0= : -1.0954537634254E-12
y0= : -6.1699540756784E-13
```

```
*****
i=28057
k(28057)=0.99887335145241
kQ(28057)=0.99774797224177
r1= : 1.2606001962026E-12
rpunto1 : = 14226789.61003
rduepunti0 : = -8.1569933989548E+25
fil : = 487.46165948305
fipunto1 : = 7.8654941062984E+18
fi_gradi : = 27929.495762822
t1 : = 1.080873286709E-14
tpunto1 : = 1.0036350096005
tduepunti0 : = -5.0979451724897E+16
v=v_elettrone : = 17360258.930078
x0= : -1.0963360708843E-12
y0= : -6.188322973735E-13
*****
i=28058
k(28058)=0.99887486487299
kQ(28058)=0.99775099567504
r1= : 1.2622686954983E-12
rpunto1 : = 14217236.398374
rduepunti0 : = -8.1457350728671E+25
fil : = 487.46258193792
fipunto1 : = 7.8446729586946E+18
fi_gradi : = 27929.548615593
t1 : = 1.0808732984795E-14
tpunto1 : = 1.0036290506929
tduepunti0 : = -5.080980594303E+16
v=v_elettrone : = 17344846.813623
x0= : -1.0972164641517E-12
y0= : -6.2066809605487E-13
*****
i=28059
k(28059)=0.99887637518717
kQ(28059)=0.99775401290707
r1= : 1.2639360744059E-12
rpunto1 : = 14207696.37714
rduepunti0 : = -8.1344879984405E+25
fil : = 487.46350195092
fipunto1 : = 7.8239483027241E+18
fi_gradi : = 27929.601328455
t1 : = 1.0808733102499E-14
tpunto1 : = 1.0036231115804
tduepunti0 : = -5.0641018366285E+16
v=v_elettrone : = 17329472.379131
x0= : -1.0980949493076E-12
y0= : -6.22502804765E-13
*****
i=28060
k(28060)=0.99887788240129
kQ(28060)=0.99775702395048
r1= : 1.2656023344723E-12
rpunto1 : = 14198169.532924
rduepunti0 : = -8.1232523539521E+25
fil : = 487.46441953335
fipunto1 : = 7.8033195179586E+18
fi_gradi : = 27929.653902056
t1 : = 1.0808733220203E-14
tpunto1 : = 1.0036171921632
tduepunti0 : = -5.0473083249419E+16
v=v_elettrone : = 17314135.467129
x0= : -1.0989715324019E-12
y0= : -6.2433642465819E-13
```

```
*****
i=28061
k(28061)=0.9988793865217
kQ(28061)=0.99776002881797
r1= : 1.2672674772428E-12
rpunto1 : = 14188655.852114
rduepunti0 : = -8.1120283142131E+25
fil : = 487.46533469647
fipunto1 : = 7.7827859890175E+18
fi_gradi : = 27929.70633704
t1 : = 1.0808733337906E-14
tpunto1 : = 1.0036112923418
tduepunti0 : = -5.0305994894395E+16
v=v_elettrone : = 17298835.917165
x0= : -1.0998462194547E-12
y0= : -6.2616895689011E-13
*****
i=28062
k(28062)=0.99888088755478
kQ(28062)=0.99776302752223
r1= : 1.2689315042613E-12
rpunto1 : = 14179155.320901
rduepunti0 : = -8.1008160506219E+25
fil : = 487.46624745144
fipunto1 : = 7.7623471055186E+18
fi_gradi : = 27929.758634047
t1 : = 1.0808733455608E-14
tpunto1 : = 1.0036054120177
tduepunti0 : = -5.0139747649928E+16
v=v_elettrone : = 17283573.571675
x0= : -1.1007190164568E-12
y0= : -6.2800040261742E-13
*****
i=28063
k(28063)=0.99888238550694
kQ(28063)=0.99776602007604
r1= : 1.2705944170699E-12
rpunto1 : = 14169667.925276
rduepunti0 : = -8.0896157312173E+25
fil : = 487.46715780937
fipunto1 : = 7.7420022620292E+18
fi_gradi : = 27929.810793714
t1 : = 1.080873357331E-14
tpunto1 : = 1.0035995510929
tduepunti0 : = -4.9974335911037E+16
v=v_elettrone : = 17268348.272148
x0= : -1.1015899293694E-12
y0= : -6.2983076299808E-13
*****
i=28064
k(28064)=0.9988838803846
kQ(28064)=0.99776900649219
r1= : 1.2722562172091E-12
rpunto1 : = 14160193.651037
rduepunti0 : = -8.0784275207309E+25
fil : = 487.46806578127
fipunto1 : = 7.7217508580186E+18
fi_gradi : = 27929.862816673
t1 : = 1.080873369101E-14
tpunto1 : = 1.00359370947
tduepunti0 : = -4.98097541186E+16
v=v_elettrone : = 17253159.862687
x0= : -1.1024589641245E-12
y0= : -6.3166003919093E-13
```



```

*****
i=28065
k(28065)=0.99888537219418
kQ(28065)=0.9977719867835
r1= : 1.2739169062178E-12
rpunto1 : = 14150732.483796
rduepunti0 : = -8.0672515806384E+25
fil : = 487.46897137813
fipunto1 : = 7.7015922978095E+18
fi_gradi : = 27929.91470355
t1 : = 1.0808733808711E-14
tpunto1 : = 1.0035878870524
tduepunti0 : = -4.9645996758917E+16
v=v_elettrone : = 17238008.187553
x0= : -1.1033261266251E-12
y0= : -6.3348823235603E-13
*****
i=28066
k(28066)=0.99888686094215
kQ(28066)=0.99777496096285
r1= : 1.2755764856332E-12
rpunto1 : = 14141284.408975
rduepunti0 : = -8.0560880692099E+25
fil : = 487.46987461081
fipunto1 : = 7.6815259905319E+18
fi_gradi : = 27929.966454971
t1 : = 1.080873392641E-14
tpunto1 : = 1.003582083744
tduepunti0 : = -4.9483058363275E+16
v=v_elettrone : = 17222893.091216
x0= : -1.1041914227456E-12
y0= : -6.3531534365438E-13
*****
i=28067
k(28067)=0.99888834663496
kQ(28067)=0.99777792904313
r1= : 1.2772349569907E-12
rpunto1 : = 14131849.411816
rduepunti0 : = -8.04493714156E+25
fil : = 487.47077549014
fipunto1 : = 7.661551350076E+18
fi_gradi : = 27930.018071554
t1 : = 1.0808734044109E-14
tpunto1 : = 1.0035762994493
tduepunti0 : = -4.9320933507515E+16
v=v_elettrone : = 17207814.420471
x0= : -1.1050548583314E-12
y0= : -6.3714137424783E-13
*****
i=28068
k(28068)=0.99888982927912
kQ(28068)=0.99778089103728
r1= : 1.2788923218241E-12
rpunto1 : = 14122427.477383
rduepunti0 : = -8.0337989496963E+25
fil : = 487.47167402687
fipunto1 : = 7.641667795046E+18
fi_gradi : = 27930.069553917
t1 : = 1.0808734161807E-14
tpunto1 : = 1.0035705340737
tduepunti0 : = -4.9159616811613E+16
v=v_elettrone : = 17192772.022018
x0= : -1.1059164391999E-12
y0= : -6.3896632529927E-13

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*****
i=28069
k(28069)=0.99889130888113
kQ(28069)=0.99778384695825
r1= : 1.2805485816653E-12
rpunto1 : = 14113018.590564
rduepunti0 : = -8.0226736425683E+25
fil : = 487.47257023168
fipunto1 : = 7.6218747487154E+18
fi_gradi : = 27930.12090267
t1 : = 1.0808734279504E-14
tpunto1 : = 1.0035647875229
tduepunti0 : = -4.8999102939258E+16
v=v_elettrone : = 17177765.743541
x0= : -1.1067761711399E-12
y0= : -6.4079019797238E-13
*****
i=28070
k(28070)=0.99889278544749
kQ(28070)=0.99778679681904
r1= : 1.2822037380446E-12
rpunto1 : = 14103622.736079
rduepunti0 : = -8.0115613661141E+25
fil : = 487.47346411519
fipunto1 : = 7.6021716389811E+18
fi_gradi : = 27930.172118423
t1 : = 1.0808734397201E-14
tpunto1 : = 1.0035590597035
tduepunti0 : = -4.8839386597431E+16
v=v_elettrone : = 17162795.433729
x0= : -1.1076340599123E-12
y0= : -6.4261299343164E-13
*****
i=28071
k(28071)=0.99889425898474
kQ(28071)=0.99778974063266
r1= : 1.2838577924903E-12
rpunto1 : = 14094239.898476
rduepunti0 : = -8.000462263308E+25
fil : = 487.47435568795
fipunto1 : = 7.5825578983195E+18
fi_gradi : = 27930.223201779
t1 : = 1.0808734514897E-14
tpunto1 : = 1.0035533505225
tduepunti0 : = -4.8680462536E+16
v=v_elettrone : = 17147860.942664
x0= : -1.1084901112501E-12
y0= : -6.444347128423E-13
*****
i=28072
k(28072)=0.99889572949942
kQ(28072)=0.99779267841218
r1= : 1.2855107465291E-12
rpunto1 : = 14084870.062141
rduepunti0 : = -7.9893764742054E+25
fil : = 487.47524496043
fipunto1 : = 7.5630329637423E+18
fi_gradi : = 27930.274153339
t1 : = 1.0808734632593E-14
tpunto1 : = 1.0035476598875
tduepunti0 : = -4.8522325547311E+16
v=v_elettrone : = 17132962.120427
x0= : -1.1093443308586E-12
y0= : -6.4625535737044E-13
```

```
*****
i=28073
k(28073)=0.99889719699809
kQ(28073)=0.99779561017065
r1= : 1.2871626016857E-12
rpunto1 : = 14075513.211301
rduepunti0 : = -7.9783041359893E+25
fil : = 487.47613194306
fipunto1 : = 7.5435962767528E+18
fi_gradi : = 27930.3249737
t1 : = 1.0808734750288E-14
tpunto1 : = 1.003541987707
tduepunti0 : = -4.8364970465784E+16
v=v_elettrone : = 17118098.818545
x0= : -1.1101967244154E-12
y0= : -6.4807492818275E-13
*****
i=28074
k(28074)=0.99889866148733
kQ(28074)=0.99779853592118
r1= : 1.2888133594831E-12
rpunto1 : = 14066169.330021
rduepunti0 : = -7.967245383014E+25
fil : = 487.47701664617
fipunto1 : = 7.5242472833033E+18
fi_gradi : = 27930.375663454
t1 : = 1.0808734867982E-14
tpunto1 : = 1.0035363338897
tduepunti0 : = -4.8208392167516E+16
v=v_elettrone : = 17103270.888949
x0= : -1.111047297571E-12
y0= : -6.4989342644664E-13
*****
i=28075
k(28075)=0.99890012297371
kQ(28075)=0.99780145567689
r1= : 1.2904630214423E-12
rpunto1 : = 14056838.402215
rduepunti0 : = -7.9562003468491E+25
fil : = 487.47789908006
fipunto1 : = 7.5049854337521E+18
fi_gradi : = 27930.426223192
t1 : = 1.0808734985675E-14
tpunto1 : = 1.0035306983453
tduepunti0 : = -4.8052585569888E+16
v=v_elettrone : = 17088478.184709
x0= : -1.1118960559486E-12
y0= : -6.5171085333006E-13
*****
i=28076
k(28076)=0.99890158146382
kQ(28076)=0.99780436945093
r1= : 1.2921115890825E-12
rpunto1 : = 14047520.411646
rduepunti0 : = -7.9451691563233E+25
fil : = 487.47877925495
fipunto1 : = 7.4858101828219E+18
fi_gradi : = 27930.476653498
t1 : = 1.0808735103368E-14
tpunto1 : = 1.0035250809837
tduepunti0 : = -4.7897545631171E+16
v=v_elettrone : = 17073720.560059
x0= : -1.1127430051443E-12
y0= : -6.5352721000157E-13
```

```
*****
i=28077
k(28077)=0.99890303696428
kQ(28077)=0.99780727725646
r1= : 1.293759063921E-12
rpunto1 : = 14038215.341927
rduepunti0 : = -7.9341519375661E+25
fil : = 487.47965718098
fipunto1 : = 7.4667209895577E+18
fi_gradi : = 27930.526954955
t1 : = 1.080873522106E-14
tpunto1 : = 1.0035194817157
tduepunti0 : = -4.7743267350147E+16
v=v_elettrone : = 17058997.869363
x0= : -1.1135881507276E-12
y0= : -6.5534249763033E-13
*****
i=28078
k(28078)=0.99890448948169
kQ(28078)=0.99781017910667
r1= : 1.295405447473E-12
rpunto1 : = 14028923.176527
rduepunti0 : = -7.9231488140505E+25
fil : = 487.48053286826
fipunto1 : = 7.447717317286E+18
fi_gradi : = 27930.57712814
t1 : = 1.0808735338751E-14
tpunto1 : = 1.0035139004525
tduepunti0 : = -4.7589745765721E+16
v=v_elettrone : = 17044309.968198
x0= : -1.1144314982412E-12
y0= : -6.5715671738594E-13
*****
i=28079
k(28079)=0.99890593902267
kQ(28079)=0.99781307501476
r1= : 1.297050741252E-12
rpunto1 : = 14019643.898774
rduepunti0 : = -7.9121599066335E+25
fil : = 487.48140632682
fipunto1 : = 7.4287986335739E+18
fi_gradi : = 27930.627173629
t1 : = 1.0808735456442E-14
tpunto1 : = 1.003508337106
tduepunti0 : = -4.7436975956547E+16
v=v_elettrone : = 17029656.713019
x0= : -1.1152730532013E-12
y0= : -6.5896987043848E-13
*****
i=28080
k(28080)=0.99890738559386
kQ(28080)=0.99781596499397
r1= : 1.2986949467694E-12
rpunto1 : = 14010377.491857
rduepunti0 : = -7.9011853335972E+25
fil : = 487.48227756662
fipunto1 : = 7.409964410189E+18
fi_gradi : = 27930.677091992
t1 : = 1.0808735574132E-14
tpunto1 : = 1.0035027915885
tduepunti0 : = -4.7284953040655E+16
v=v_elettrone : = 17015037.961196
x0= : -1.1161128210978E-12
y0= : -6.6078195795846E-13
```

```
*****
i=28081
k(28081)=0.99890882920191
kQ(28081)=0.99781884905752
r1= : 1.3003380655347E-12
rpunto1: = 14001123.938829
rduepunti0 : = -7.8902252106886E+25
fil : = 487.48314659756
fipunto1 : = 7.3912141230595E+18
fi_gradi : = 27930.726883797
t1 : = 1.0808735691822E-14
tpunto1 : = 1.003497263813
tduepunti0 : = -4.7133672175079E+16
v=v_elettrone : = 17000453.570318
x0= : -1.1169508073944E-12
y0= : -6.6259298111684E-13
*****
i=28082
k(28082)=0.99891026985345
kQ(28082)=0.99782172721869
r1= : 1.3019800990554E-12
rpunto1: = 13991883.22261
rduepunti0 : = -7.879279651159E+25
fil : = 487.48401342949
fipunto1 : = 7.3725472522348E+18
fi_gradi : = 27930.776549609
t1 : = 1.0808735809511E-14
tpunto1 : = 1.003491753693
tduepunti0 : = -4.6983128555494E+16
v=v_elettrone : = 16985903.399638
x0= : -1.117787017529E-12
y0= : -6.6440294108487E-13
*****
i=28083
k(28083)=0.99891170755515
kQ(28083)=0.99782459949075
r1= : 1.303621048837E-12
rpunto1: = 13982655.325991
rduepunti0 : = -7.8683487658027E+25
fil : = 487.4848780722
fipunto1 : = 7.3539632818467E+18
fi_gradi : = 27930.826089987
t1 : = 1.0808735927199E-14
tpunto1 : = 1.0034862611428
tduepunti0 : = -4.6833317415853E+16
v=v_elettrone : = 16971387.308324
x0= : -1.1186214569134E-12
y0= : -6.6621183903418E-13
*****
i=28084
k(28084)=0.99891314231367
kQ(28084)=0.99782746588698
r1= : 1.305260916383E-12
rpunto1: = 13973440.231634
rduepunti0 : = -7.8574326629949E+25
fil : = 487.48574053541
fipunto1 : = 7.3354617000707E+18
fi_gradi : = 27930.875505488
t1 : = 1.0808736044886E-14
tpunto1 : = 1.0034807860768
tduepunti0 : = -4.6684234028028E+16
v=v_elettrone : = 16956905.156893
x0= : -1.119454130934E-12
y0= : -6.6801967613665E-13
```

```
*****
i=28085
k(28085)=0.99891457413569
kQ(28085)=0.99783032642068
r1= : 1.3068997031947E-12
rpunto1 : = 13964237.922079
rduepunti0 : = -7.8465314487299E+25
fil : = 487.48660082877
fipunto1 : = 7.3170419990883E+18
fi_gradi : = 27930.924796667
t1 : = 1.0808736162573E-14
tpunto1 : = 1.0034753284103
tduepunti0 : = -4.6535873701459E+16
v=v_elettrone : = 16942456.806898
x0= : -1.1202850449516E-12
y0= : -6.6982645356442E-13
*****
i=28086
k(28086)=0.99891600302787
kQ(28086)=0.99783318110518
r1= : 1.3085374107716E-12
rpunto1 : = 13955048.379743
rduepunti0 : = -7.8356452266574E+25
fil : = 487.48745896189
fipunto1 : = 7.2987036750487E+18
fi_gradi : = 27930.973964074
t1 : = 1.080873628026E-14
tpunto1 : = 1.0034698880591
tduepunti0 : = -4.6388231782802E+16
v=v_elettrone : = 16928042.119856
x0= : -1.1211142043016E-12
y0= : -6.7163217248991E-13
*****
i=28087
k(28087)=0.99891742899691
kQ(28087)=0.99783602995379
r1= : 1.3101740406109E-12
rpunto1 : = 13945871.586925
rduepunti0 : = -7.8247740981194E+25
fil : = 487.48831494432
fipunto1 : = 7.2804462280321E+18
fi_gradi : = 27931.023008254
t1 : = 1.0808736397945E-14
tpunto1 : = 1.0034644649395
tduepunti0 : = -4.6241303655582E+16
v=v_elettrone : = 16913660.95872
x0= : -1.1219416142943E-12
y0= : -6.7343683408568E-13
*****
i=28088
k(28088)=0.99891885204948
kQ(28088)=0.99783887297986
r1= : 1.311809594208E-12
rpunto1 : = 13936707.525806
rduepunti0 : = -7.8139181621858E+25
fil : = 487.48916878555
fipunto1 : = 7.2622691620125E+18
fi_gradi : = 27931.071929752
t1 : = 1.080873651563E-14
tpunto1 : = 1.0034590589682
tduepunti0 : = -4.6095084739849E+16
v=v_elettrone : = 16899313.186813
x0= : -1.1227672802151E-12
y0= : -6.7524043952446E-13
```

```

*****
i=28089
k(28089)=0.99892027219229
kQ(28089)=0.99784171019672
r1= : 1.313444073056E-12
rpunto1 : = 13927556.178456
rduepunti0 : = -7.8030775156898E+25
fil : = 487.49002049498
fipunto1 : = 7.2441719848216E+18
fi_gradi : = 27931.120729109
t1 : = 1.0808736633315E-14
tpunto1 : = 1.0034536700626
tduepunti0 : = -4.5949570491843E+16
v=v_elettrone : = 16884998.668936
x0= : -1.1235912073242E-12
y0= : -6.770429899791E-13
*****
i=28090
k(28090)=0.99892168943203
kQ(28090)=0.99784454161774
r1= : 1.3150774786459E-12
rpunto1 : = 13918417.526832
rduepunti0 : = -7.7922522532626E+25
fil : = 487.49087008201
fipunto1 : = 7.2261542081122E+18
fi_gradi : = 27931.169406859
t1 : = 1.0808736750998E-14
tpunto1 : = 1.0034482981406
tduepunti0 : = -4.5804756403653E+16
v=v_elettrone : = 16870717.269949
x0= : -1.1244134008575E-12
y0= : -6.7884448662261E-13
*****
i=28091
k(28091)=0.9989231037754
kQ(28091)=0.99784736725627
r1= : 1.3167098124667E-12
rpunto1 : = 13909291.552784
rduepunti0 : = -7.7814424673677E+25
fil : = 487.49171755593
fipunto1 : = 7.2082153473231E+18
fi_gradi : = 27931.217963538
t1 : = 1.0808736868681E-14
tpunto1 : = 1.0034429431206
tduepunti0 : = -4.5660638002889E+16
v=v_elettrone : = 16856468.855142
x0= : -1.1252338660261E-12
y0= : -6.8064493062807E-13
*****
i=28092
k(28092)=0.9989245152291
kQ(28092)=0.9978501871257
r1= : 1.3183410760052E-12
rpunto1 : = 13900178.238055
rduepunti0 : = -7.7706482483347E+25
fil : = 487.49256292601
fipunto1 : = 7.1903549216434E+18
fi_gradi : = 27931.266399676
t1 : = 1.0808736986364E-14
tpunto1 : = 1.0034376049216
tduepunti0 : = -4.551721085235E+16
v=v_elettrone : = 16842253.291719
x0= : -1.1260526080167E-12
y0= : -6.8244432316846E-13

```

```
*****
i=28093
k(28093)=0.99892592379986
kQ(28093)=0.99785300123939
r1= : 1.319971270746E-12
rpunto1 : = 13891077.564285
rduepunti0 : = -7.7598696843921E+25
fil : = 487.49340620144
fipunto1 : = 7.172572453978E+18
fi_gradi : = 27931.314715799
t1 : = 1.0808737104046E-14
tpunto1 : = 1.003432283463
tduepunti0 : = -4.5374470549702E+16
v=v_elettrone : = 16828070.446994
x0= : -1.1268696319919E-12
y0= : -6.8424266541693E-13
*****
i=28094
k(28094)=0.99892732949436
kQ(28094)=0.99785580961074
r1= : 1.3216003981717E-12
rpunto1 : = 13881989.513013
rduepunti0 : = -7.7491068617006E+25
fil : = 487.49424739136
fipunto1 : = 7.1548674709127E+18
fi_gradi : = 27931.362912432
t1 : = 1.0808737221727E-14
tpunto1 : = 1.0034269786647
tduepunti0 : = -4.5232412727152E+16
v=v_elettrone : = 16813920.188425
x0= : -1.1276849430901E-12
y0= : -6.8603995854657E-13
*****
i=28095
k(28095)=0.99892873231934
kQ(28095)=0.99785861225312
r1= : 1.3232284597626E-12
rpunto1 : = 13872914.065679
rduepunti0 : = -7.7383598643847E+25
fil : = 487.49508650487
fipunto1 : = 7.1372395026801E+18
fi_gradi : = 27931.410990094
t1 : = 1.0808737339408E-14
tpunto1 : = 1.0034216904473
tduepunti0 : = -4.5091033051134E+16
v=v_elettrone : = 16799802.385431
x0= : -1.1284985464259E-12
y0= : -6.8783620373033E-13
*****
i=28096
k(28096)=0.9989301322815
kQ(28096)=0.99786140917993
r1= : 1.324855456997E-12
rpunto1 : = 13863851.203626
rduepunti0 : = -7.7276287745648E+25
fil : = 487.49592355099
fipunto1 : = 7.119688083126E+18
fi_gradi : = 27931.458949304
t1 : = 1.0808737457088E-14
tpunto1 : = 1.0034164187317
tduepunti0 : = -4.495032722199E+16
v=v_elettrone : = 16785716.90726
x0= : -1.12931044709E-12
y0= : -6.8963140214121E-13
```



```
*****
i=28097
k(28097)=0.99893152938756
kQ(28097)=0.99786420040456
r1= : 1.3264813913507E-12
rpunto1: = 13854800.908106
rduepunti0 : = -7.7169136723881E+25
fil : = 487.49675853871
fipunto1 : = 7.102212749676E+18
fi_gradi : = 27931.506790576
t1 : = 1.0808737574767E-14
tpunto1 : = 1.0034111634393
tduepunti0 : = -4.4810290973661E+16
v=v_elettrone : = 16771663.624434
x0= : -1.1301206501493E-12
y0= : -6.9142555495203E-13
*****
i=28098
k(28098)=0.99893292364423
kQ(28098)=0.99786698594042
r1= : 1.3281062642975E-12
rpunto1: = 13845763.160275
rduepunti0 : = -7.7062146360596E+25
fil : = 487.49759147694
fipunto1 : = 7.0848130433022E+18
fi_gradi : = 27931.554514421
t1 : = 1.0808737692446E-14
tpunto1 : = 1.0034059244922
tduepunti0 : = -4.4670920073378E+16
v=v_elettrone : = 16757642.407341
x0= : -1.1309291606475E-12
y0= : -6.9321866333554E-13
*****
i=28099
k(28099)=0.99893431505825
kQ(28099)=0.9978697658009
r1= : 1.3297300773092E-12
rpunto1: = 13836737.941204
rduepunti0 : = -7.6955317418723E+25
fil : = 487.49842237456
fipunto1 : = 7.0674885084908E+18
fi_gradi : = 27931.602121348
t1 : = 1.0808737810124E-14
tpunto1 : = 1.0034007018127
tduepunti0 : = -4.4532210321352E+16
v=v_elettrone : = 16743653.128048
x0= : -1.1317359836048E-12
y0= : -6.9501072846423E-13
*****
i=28100
k(28100)=0.99893570363633
kQ(28100)=0.9978725399994
r1= : 1.3313528318549E-12
rpunto1: = 13827725.231872
rduepunti0 : = -7.6848650642369E+25
fil : = 487.49925124037
fipunto1 : = 7.0502386932092E+18
fi_gradi : = 27931.649611861
t1 : = 1.0808737927801E-14
tpunto1 : = 1.0033954953239
tduepunti0 : = -4.4394157550481E+16
v=v_elettrone : = 16729695.659245
x0= : -1.1325411240183E-12
y0= : -6.9680175151047E-13
```

```

*****
i=28101
k(28101)=0.99893708938518
kQ(28101)=0.99787530854933
r1= : 1.3329745294018E-12
rpunto1 : = 13818725.013177
rduepunti0 : = -7.6742146757111E+25
fil : = 487.50007808316
fipunto1 : = 7.0330631488748E+18
fi_gradi : = 27931.696986463
t1 : = 1.0808738045478E-14
tpunto1 : = 1.0033903049492
tduepunti0 : = -4.4256757626042E+16
v=v_elettrone : = 16715769.873543
x0= : -1.1333445868617E-12
y0= : -6.9859173364646E-13
*****
i=28102
k(28102)=0.99893847231153
kQ(28102)=0.99787807146409
r1= : 1.3345951714149E-12
rpunto1 : = 13809737.265932
rduepunti0 : = -7.6635806470289E+25
fil : = 487.50090291161
fipunto1 : = 7.0159614303226E+18
fi_gradi : = 27931.744245652
t1 : = 1.0808738163155E-14
tpunto1 : = 1.0033851306125
tduepunti0 : = -4.4120006445399E+16
v=v_elettrone : = 16701875.644931
x0= : -1.1341463770863E-12
y0= : -7.0038067604408E-13
*****
i=28103
k(28103)=0.99893985242209
kQ(28103)=0.99788082875707
r1= : 1.3362147593567E-12
rpunto1 : = 13800761.970869
rduepunti0 : = -7.6529630471285E+25
fil : = 487.5017257344
fipunto1 : = 6.9989330957743E+18
fi_gradi : = 27931.791389925
t1 : = 1.080873828083E-14
tpunto1 : = 1.0033799722382
tduepunti0 : = -4.3983899937711E+16
v=v_elettrone : = 16688012.84771
x0= : -1.1349464996202E-12
y0= : -7.0216857987499E-13
*****
i=28104
k(28104)=0.99894122972359
kQ(28104)=0.99788358044168
r1= : 1.3378332946876E-12
rpunto1 : = 13791799.108642
rduepunti0 : = -7.6423619431809E+25
fil : = 487.50254656013
fipunto1 : = 6.9819777068071E+18
fi_gradi : = 27931.838419775
t1 : = 1.0808738398505E-14
tpunto1 : = 1.0033748297512
tduepunti0 : = -4.3848434063639E+16
v=v_elettrone : = 16674181.357239
x0= : -1.1357449593691E-12
y0= : -7.0395544631052E-13

```

```
*****
i=28105
k(28105)=0.99894260422274
kQ(28105)=0.9978863265313
r1= : 1.3394507788658E-12
rpunto1 : = 13782848.659829
rduepunti0 : = -7.631777400617E+25
fil : = 487.50336539735
fipunto1 : = 6.9650948283231E+18
fi_gradi : = 27931.885335692
t1 : = 1.080873851618E-14
tpunto1 : = 1.0033697030767
tduepunti0 : = -4.3713604815064E+16
v=v_elettrone : = 16660381.049602
x0= : -1.1365417612161E-12
y0= : -7.057412765217E-13
*****
i=28106
k(28106)=0.99894397592625
kQ(28106)=0.99788906703935
r1= : 1.341067213347E-12
rpunto1 : = 13773910.604931
rduepunti0 : = -7.6212094831551E+25
fil : = 487.50418225457
fipunto1 : = 6.9482840285191E+18
fi_gradi : = 27931.932138163
t1 : = 1.0808738633854E-14
tpunto1 : = 1.0033645921406
tduepunti0 : = -4.3579408214798E+16
v=v_elettrone : = 16646611.801245
x0= : -1.1373369100219E-12
y0= : -7.0752607167929E-13
*****
i=28107
k(28107)=0.99894534484085
kQ(28107)=0.9978918019792
r1= : 1.3426825995848E-12
rpunto1 : = 13764984.924378
rduepunti0 : = -7.6106582528278E+25
fil : = 487.50499714024
fipunto1 : = 6.9315448788563E+18
fi_gradi : = 27931.978827673
t1 : = 1.0808738751527E-14
tpunto1 : = 1.0033594968693
tduepunti0 : = -4.3445840316304E+16
v=v_elettrone : = 16632873.48936
x0= : -1.138130410625E-12
y0= : -7.0930983295365E-13
*****
i=28108
k(28108)=0.99894671097323
kQ(28108)=0.99789453136424
r1= : 1.3442969390304E-12
rpunto1 : = 13756071.598529
rduepunti0 : = -7.600123770008E+25
fil : = 487.50581006277
fipunto1 : = 6.9148769540306E+18
fi_gradi : = 27932.025404703
t1 : = 1.08087388692E-14
tpunto1 : = 1.0033544171893
tduepunti0 : = -4.3312897203423E+16
v=v_elettrone : = 16619165.991553
x0= : -1.1389222678419E-12
y0= : -7.1109256151475E-13
```

```
*****
i=28109
k(28109)=0.99894807433012
kQ(28109)=0.99789725520785
r1= : 1.3459102331329E-12
rpunto1: = 13747170.607673
rduepunti0 : = -7.589606093435E+25
fil : = 487.5066210305
fipunto1 : = 6.8982798319436E+18
fi_gradi : = 27932.071869732
t1 : = 1.0808738986872E-14
tpunto1 : = 1.0033493530279
tduepunti0 : = -4.3180574990092E+16
v=v_elettrone : = 16605489.186939
x0= : -1.1397124864671E-12
y0= : -7.128742585321E-13
*****
i=28110
k(28110)=0.99894943491821
kQ(28110)=0.99789997352341
r1= : 1.3475224833388E-12
rpunto1: = 13738281.932034
rduepunti0 : = -7.5791052802404E+25
fil : = 487.50743005175
fipunto1 : = 6.8817530936732E+18
fi_gradi : = 27932.118223234
t1 : = 1.0808739104543E-14
tpunto1 : = 1.0033443043127
tduepunti0 : = -4.3048869820077E+16
v=v_elettrone : = 16591842.954346
x0= : -1.1405010712731E-12
y0= : -7.1465492517487E-13
*****
i=28111
k(28111)=0.99895079274421
kQ(28111)=0.99790268632429
r1= : 1.3491336910924E-12
rpunto1: = 13729405.55177
rduepunti0 : = -7.5686213859727E+25
fil : = 487.50823713476
fipunto1 : = 6.8652963234447E+18
fi_gradi : = 27932.164465685
t1 : = 1.0808739222214E-14
tpunto1 : = 1.0033392709718
tduepunti0 : = -4.2917777866698E+16
v=v_elettrone : = 16578227.173787
x0= : -1.1412880270111E-12
y0= : -7.1643456261172E-13
*****
i=28112
k(28112)=0.99895214781483
kQ(28112)=0.99790539362386
r1= : 1.3507438578357E-12
rpunto1: = 13720541.446974
rduepunti0 : = -7.5581544646229E+25
fil : = 487.50904228774
fipunto1 : = 6.8489091086029E+18
fi_gradi : = 27932.210597552
t1 : = 1.0808739339885E-14
tpunto1 : = 1.0033342529337
tduepunti0 : = -4.278729533257E+16
v=v_elettrone : = 16564641.725745
x0= : -1.1420733584104E-12
y0= : -7.1821317201084E-13
```

```
*****
i=28113
k(28113)=0.99895350013675
kQ(28113)=0.99790809543546
r1= : 1.3523529850084E-12
rpunto1 : = 13711689.597679
rduepunti0 : = -7.5477045686481E+25
fil : = 487.50984551885
fipunto1 : = 6.8325910395832E+18
fi_gradi : = 27932.256619305
t1 : = 1.0808739457554E-14
tpunto1 : = 1.0033292501274
tduepunti0 : = -4.265741844933E+16
v=v_elettrone : = 16551086.491567
x0= : -1.1428570701789E-12
y0= : -7.1999075453991E-13
*****
i=28114
k(28114)=0.99895484971667
kQ(28114)=0.99791079177245
r1= : 1.3539610740478E-12
rpunto1 : = 13702849.983859
rduepunti0 : = -7.5372717489961E+25
fil : = 487.5106468362
fipunto1 : = 6.8163417098843E+18
fi_gradi : = 27932.302531407
t1 : = 1.0808739575223E-14
tpunto1 : = 1.0033242624823
tduepunti0 : = -4.2528143477383E+16
v=v_elettrone : = 16537561.353471
x0= : -1.1436391670035E-12
y0= : -7.2176731136613E-13
*****
i=28115
k(28115)=0.99895619656128
kQ(28115)=0.99791348264817
r1= : 1.3555681263888E-12
rpunto1 : = 13694022.585429
rduepunti0 : = -7.526856055129E+25
fil : = 487.51144624785
fipunto1 : = 6.8001607160403E+18
fi_gradi : = 27932.348334321
t1 : = 1.0808739692892E-14
tpunto1 : = 1.0033192899282
tduepunti0 : = -4.2399466705639E+16
v=v_elettrone : = 16524066.193093
x0= : -1.1444196535496E-12
y0= : -7.2354284365623E-13
*****
i=28116
k(28116)=0.99895754067726
kQ(28116)=0.99791616807595
r1= : 1.3571741434641E-12
rpunto1 : = 13685207.382247
rduepunti0 : = -7.5164575350467E+25
fil : = 487.51224376181
fipunto1 : = 6.7840476575935E+18
fi_gradi : = 27932.394028505
t1 : = 1.080873981056E-14
tpunto1 : = 1.0033143323955
tduepunti0 : = -4.227138445126E+16
v=v_elettrone : = 16510600.894083
x0= : -1.1451985344617E-12
y0= : -7.253173525762E-13
```

```
*****
i=28117
k(28117)=0.99895888207129
kQ(28117)=0.99791884806912
r1= : 1.3587791267039E-12
rpunto1 : = 13676404.354117
rduepunti0 : = -7.5060762353095E+25
fil : = 487.51303938606
fipunto1 : = 6.7680021370674E+18
fi_gradi : = 27932.439614416
t1 : = 1.0808739928227E-14
tpunto1 : = 1.0033093898148
tduepunti0 : = -4.2143893059405E+16
v=v_elettrone : = 16497165.340278
x0= : -1.1459758143634E-12
y0= : -7.2709083929159E-13
*****
i=28118
k(28118)=0.99896022075005
kQ(28118)=0.99792152264098
r1= : 1.360383077536E-12
rpunto1 : = 13667613.480792
rduepunti0 : = -7.4957122010611E+25
fil : = 487.51383312851
fipunto1 : = 6.7520237599401E+18
fi_gradi : = 27932.485092508
t1 : = 1.0808740045894E-14
tpunto1 : = 1.0033044621172
tduepunti0 : = -4.2016988902978E+16
v=v_elettrone : = 16483759.415717
x0= : -1.1467514978574E-12
y0= : -7.2886330496731E-13
*****
i=28119
k(28119)=0.9989615567202
kQ(28119)=0.99792419180485
r1= : 1.361985997386E-12
rpunto1 : = 13658834.741971
rduepunti0 : = -7.4853654760508E+25
fil : = 487.51462499703
fipunto1 : = 6.7361121346176E+18
fi_gradi : = 27932.530463233
t1 : = 1.080874016356E-14
tpunto1 : = 1.0032995492344
tduepunti0 : = -4.1890668382382E+16
v=v_elettrone : = 16470383.0054
x0= : -1.147525589526E-12
y0= : -7.3063475076763E-13
*****
i=28120
k(28120)=0.99896288998842
kQ(28120)=0.99792685557401
r1= : 1.363587887677E-12
rpunto1 : = 13650068.117303
rduepunti0 : = -7.4750361026555E+25
fil : = 487.51541499946
fipunto1 : = 6.7202668724078E+18
fi_gradi : = 27932.575727038
t1 : = 1.0808740281226E-14
tpunto1 : = 1.0032946510982
tduepunti0 : = -4.1764927925274E+16
v=v_elettrone : = 16457035.995661
x0= : -1.1482980939307E-12
y0= : -7.3240517785617E-13
```

```

*****
i=28121
k(28121)=0.99896422056135
kQ(28121)=0.99792951396175
r1= : 1.3651887498296E-12
rpunto1 : = 13641313.586392
rduepunti0 : = -7.4647241219013E+25
fil : = 487.51620314358
fipunto1 : = 6.7044875874945E+18
fi_gradi : = 27932.620884369
t1 : = 1.0808740398891E-14
tpunto1 : = 1.0032897676411
tduepunti0 : = -4.1639763986318E+16
v=v_elettrone : = 16443718.271622
x0= : -1.1490690156127E-12
y0= : -7.34174587396E-13
*****
i=28122
k(28122)=0.99896554844566
kQ(28122)=0.99793216698134
r1= : 1.3667885852624E-12
rpunto1 : = 13632571.128793
rduepunti0 : = -7.454429573485E+25
fil : = 487.51698943712
fipunto1 : = 6.6887738969119E+18
fi_gradi : = 27932.665935671
t1 : = 1.0808740516556E-14
tpunto1 : = 1.0032848987958
tduepunti0 : = -4.1515173046947E+16
v=v_elettrone : = 16430429.721239
x0= : -1.149838359093E-12
y0= : -7.3594298054934E-13
*****
i=28123
k(28123)=0.99896687364798
kQ(28123)=0.99793481464603
r1= : 1.3683873953911E-12
rpunto1 : = 13623840.724017
rduepunti0 : = -7.4441524957948E+25
fil : = 487.51777388778
fipunto1 : = 6.6731254205191E+18
fi_gradi : = 27932.710881383
t1 : = 1.080874063422E-14
tpunto1 : = 1.0032800444957
tduepunti0 : = -4.1391151615127E+16
v=v_elettrone : = 16417170.230917
x0= : -1.1506061288721E-12
y0= : -7.3771035847789E-13
*****
i=28124
k(28124)=0.99896819617497
kQ(28124)=0.99793745696907
r1= : 1.3699851816294E-12
rpunto1 : = 13615122.351529
rduepunti0 : = -7.4338929259312E+25
fil : = 487.51855650321
fipunto1 : = 6.6575417809751E+18
fi_gradi : = 27932.755721944
t1 : = 1.0808740751883E-14
tpunto1 : = 1.0032752046742
tduepunti0 : = -4.1267696225115E+16
v=v_elettrone : = 16403939.689932
x0= : -1.1513723294308E-12
y0= : -7.3947672234246E-13

```

```
*****
i=28125
k(28125)=0.99896951603325
kQ(28125)=0.9979400939637
r1= : 1.3715819453883E-12
rpunto1: = 13606415.990757
rduepunti0 : = -7.4236508997274E+25
fil : = 487.51933729101
fipunto1 : = 6.6420226037139E+18
fi_gradi : = 27932.80045779
t1 : = 1.0808740869546E-14
tpunto1 : = 1.0032703792654
tduepunti0 : = -4.1144803437232E+16
v=v_elettrone : = 16390737.985667
x0= : -1.1521369652299E-12
y0= : -7.4124207330333E-13
*****
i=28126
k(28126)=0.99897083322944
kQ(28126)=0.99794272564313
r1= : 1.3731776880767E-12
rpunto1: = 13597721.621083
rduepunti0 : = -7.4134264517694E+25
fil : = 487.52011625875
fipunto1 : = 6.6265675169198E+18
fi_gradi : = 27932.845089353
t1 : = 1.0808740987208E-14
tpunto1 : = 1.0032655682037
tduepunti0 : = -4.1022469837627E+16
v=v_elettrone : = 16377565.008407
x0= : -1.1529000407102E-12
y0= : -7.4300641251983E-13
*****
i=28127
k(28127)=0.99897214777018
kQ(28127)=0.99794535202057
r1= : 1.3747724111007E-12
rpunto1: = 13589039.221853
rduepunti0 : = -7.4032196154155E+25
fil : = 487.52089341393
fipunto1 : = 6.6111761515035E+18
fi_gradi : = 27932.889617065
t1 : = 1.080874110487E-14
tpunto1 : = 1.003260771424
tduepunti0 : = -4.0900692038051E+16
v=v_elettrone : = 16364420.647306
x0= : -1.1536615602931E-12
y0= : -7.4476974115067E-13
*****
i=28128
k(28128)=0.99897345966207
kQ(28128)=0.99794797310921
r1= : 1.3763661158642E-12
rpunto1: = 13580368.772376
rduepunti0 : = -7.3930304228161E+25
fil : = 487.52166876403
fipunto1 : = 6.5958481410773E+18
fi_gradi : = 27932.934041354
t1 : = 1.0808741222531E-14
tpunto1 : = 1.0032559888614
tduepunti0 : = -4.077946667563E+16
v=v_elettrone : = 16351304.792981
x0= : -1.1544215283802E-12
y0= : -7.4653206035369E-13
```



```
*****
i=28129
k(28129)=0.99897476891172
kQ(28129)=0.99795058892223
r1= : 1.3779588037688E-12
rpunto1 : = 13571710.251922
rduepunti0 : = -7.3828589049327E+25
fil : = 487.52244231648
fipunto1 : = 6.5805831219321E+18
fi_gradi : = 27932.978362644
t1 : = 1.0808741340191E-14
tpunto1 : = 1.0032512204516
tduepunti0 : = -4.0658790412641E+16
v=v_elettrone : = 16338217.336789
x0= : -1.1551799493537E-12
y0= : -7.4829337128594E-13
*****
i=28130
k(28130)=0.99897607552573
kQ(28130)=0.9979531994728
r1= : 1.3795504762135E-12
rpunto1 : = 13563063.639727
rduepunti0 : = -7.372705091557E+25
fil : = 487.52321407867
fipunto1 : = 6.5653807330129E+18
fi_gradi : = 27933.022581361
t1 : = 1.0808741457851E-14
tpunto1 : = 1.0032464661306
tduepunti0 : = -4.0538659936288E+16
v=v_elettrone : = 16325158.170101
x0= : -1.1559368275764E-12
y0= : -7.5005367510371E-13
*****
i=28131
k(28131)=0.99897737951069
kQ(28131)=0.99795580477405
r1= : 1.3811411345947E-12
rpunto1 : = 13554428.914995
rduepunti0 : = -7.3625690113291E+25
fil : = 487.52398405794
fipunto1 : = 6.5502406158964E+18
fi_gradi : = 27933.066697923
t1 : = 1.0808741575511E-14
tpunto1 : = 1.0032417258346
tduepunti0 : = -4.0419071958485E+16
v=v_elettrone : = 16312127.184687
x0= : -1.1566921673921E-12
y0= : -7.5181297296243E-13
*****
i=28132
k(28132)=0.99897868087318
kQ(28132)=0.99795840483912
r1= : 1.3827307803067E-12
rpunto1 : = 13545806.056896
rduepunti0 : = -7.3524506917565E+25
fil : = 487.5247522616
fipunto1 : = 6.5351624147671E+18
fi_gradi : = 27933.110712751
t1 : = 1.080874169317E-14
tpunto1 : = 1.0032369995006
tduepunti0 : = -4.0300023215639E+16
v=v_elettrone : = 16299124.273841
x0= : -1.1574459731252E-12
y0= : -7.5357126601661E-13
```

```

*****
i=28133
k(28133)=0.99897997961977
kQ(28133)=0.99796099968112
r1= : 1.3843194147412E-12
rpunto1 : = 13537195.044569
rduepunti0 : = -7.3423501592314E+25
fil : = 487.52551869691
fipunto1 : = 6.5201457763949E+18
fi_gradi : = 27933.154626259
t1 : = 1.0808741810828E-14
tpunto1 : = 1.0032322870655
tduepunti0 : = -4.0181510468432E+16
v=v_elettrone : = 16286149.33091
x0= : -1.1581982490812E-12
y0= : -7.5532855541998E-13
*****
i=28134
k(28134)=0.99898127575704
kQ(28134)=0.99796358931316
r1= : 1.3859070392874E-12
rpunto1 : = 13528595.857125
rduepunti0 : = -7.3322674390492E+25
fil : = 487.52628337109
fipunto1 : = 6.5051903501122E+18
fi_gradi : = 27933.198438862
t1 : = 1.0808741928486E-14
tpunto1 : = 1.003227588467
tduepunti0 : = -4.0063530501609E+16
v=v_elettrone : = 16273202.249312
x0= : -1.1589489995468E-12
y0= : -7.570848423254E-13
*****
i=28135
k(28135)=0.99898256929153
kQ(28135)=0.99796617374831
r1= : 1.3874936553321E-12
rpunto1 : = 13520008.473645
rduepunti0 : = -7.3222025554256E+25
fil : = 487.52704629131
fipunto1 : = 6.4902957877917E+18
fi_gradi : = 27933.242150971
t1 : = 1.0808742046143E-14
tpunto1 : = 1.0032229036429
tduepunti0 : = -3.9946080123768E+16
v=v_elettrone : = 16260282.923664
x0= : -1.1596982287898E-12
y0= : -7.5884012788477E-13
*****
i=28136
k(28136)=0.9989838602298
kQ(28136)=0.99796875299964
r1= : 1.3890792642597E-12
rpunto1 : = 13511432.873183
rduepunti0 : = -7.3121555315139E+25
fil : = 487.52780746472
fipunto1 : = 6.475461743824E+18
fi_gradi : = 27933.285762995
t1 : = 1.08087421638E-14
tpunto1 : = 1.0032182325315
tduepunti0 : = -3.9829156167149E+16
v=v_elettrone : = 16247391.249037
x0= : -1.1604459410594E-12
y0= : -7.605944132491E-13

```

```
*****
i=28137
k(28137)=0.9989851485784
kQ(28137)=0.9979713270802
r1= : 1.3906638674521E-12
rpunto1 : = 13502869.034768
rduepunti0 : = -7.3021263894223E+25
fil : = 487.52856689841
fipunto1 : = 6.4606878750959E+18
fi_gradi : = 27933.32927534
t1 : = 1.0808742281456E-14
tpunto1 : = 1.0032135750715
tduepunti0 : = -3.9712755487431E+16
v=v_elettrone : = 16234527.120995
x0= : -1.1611921405861E-12
y0= : -7.6234769956849E-13
*****
i=28138
k(28138)=0.99898643434384
kQ(28138)=0.99797389600302
r1= : 1.3922474662888E-12
rpunto1 : = 13494316.937404
rduepunti0 : = -7.2921151502303E+25
fil : = 487.52932459944
fipunto1 : = 6.4459738409684E+18
fi_gradi : = 27933.372688412
t1 : = 1.0808742399111E-14
tpunto1 : = 1.0032089312017
tduepunti0 : = -3.9596874963522E+16
v=v_elettrone : = 16221690.435214
x0= : -1.1619368315823E-12
y0= : -7.6409998799209E-13
*****
i=28139
k(28139)=0.99898771753265
kQ(28139)=0.9979764597811
r1= : 1.3938300621466E-12
rpunto1 : = 13485776.56007
rduepunti0 : = -7.2821218340054E+25
fil : = 487.53008057483
fipunto1 : = 6.4313193032553E+18
fi_gradi : = 27933.416002611
t1 : = 1.0808742516766E-14
tpunto1 : = 1.0032043008616
tduepunti0 : = -3.9481511497362E+16
v=v_elettrone : = 16208881.089002
x0= : -1.1626800182416E-12
y0= : -7.6585127966805E-13
*****
i=28140
k(28140)=0.99898899815135
kQ(28140)=0.99797901842744
r1= : 1.3954116564001E-12
rpunto1 : = 13477247.881725
rduepunti0 : = -7.2721464598196E+25
fil : = 487.53083483156
fipunto1 : = 6.4167239262019E+18
fi_gradi : = 27933.459218338
t1 : = 1.0808742634421E-14
tpunto1 : = 1.0031996839909
tduepunti0 : = -3.9366662013718E+16
v=v_elettrone : = 16196098.979058
x0= : -1.1634217047397E-12
y0= : -7.6760157574366E-13
```

```
*****
i=28141
k(28141)=0.99899027620644
kQ(28141)=0.99798157195502
r1= : 1.3969922504214E-12
rpunto1 : = 13468730.881305
rduepunti0 : = -7.2621890457648E+25
fil : = 487.53158737656
fipunto1 : = 6.4021873764642E+18
fi_gradi : = 27933.50233599
t1 : = 1.0808742752075E-14
tpunto1 : = 1.0031950805297
tduepunti0 : = -3.9252323459987E+16
v=v_elettrone : = 16183344.002989
x0= : -1.164161895234E-12
y0= : -7.6935087736514E-13
*****
i=28142
k(28142)=0.99899155170442
kQ(28142)=0.9979841203768
r1= : 1.39857184558E-12
rpunto1 : = 13460225.537726
rduepunti0 : = -7.2522496089693E+25
fil : = 487.53233821673
fipunto1 : = 6.3877093230874E+18
fi_gradi : = 27933.545355963
t1 : = 1.0808742869728E-14
tpunto1 : = 1.0031904904184
tduepunti0 : = -3.9138492805999E+16
v=v_elettrone : = 16170616.059698
x0= : -1.164900593864E-12
y0= : -7.710991856777E-13
*****
i=28143
k(28143)=0.99899282465175
kQ(28143)=0.99798666370569
r1= : 1.400150443243E-12
rpunto1 : = 13451731.829887
rduepunti0 : = -7.2423281656126E+25
fil : = 487.53308735893
fipunto1 : = 6.3732894374858E+18
fi_gradi : = 27933.588278649
t1 : = 1.0808742987381E-14
tpunto1 : = 1.0031859135978
tduepunti0 : = -3.9025167043823E+16
v=v_elettrone : = 16157915.047145
x0= : -1.1656378047511E-12
y0= : -7.7284650182566E-13
*****
i=28144
k(28144)=0.99899409505494
kQ(28144)=0.99798920195463
r1= : 1.4017280447751E-12
rpunto1 : = 13443249.736666
rduepunti0 : = -7.2324247309417E+25
fil : = 487.53383480999
fipunto1 : = 6.3589273934221E+18
fi_gradi : = 27933.63110444
t1 : = 1.0808743105033E-14
tpunto1 : = 1.0031813500091
tduepunti0 : = -3.8912343187574E+16
v=v_elettrone : = 16145240.865354
x0= : -1.166373531999E-12
y0= : -7.7459282695216E-13
```

```
*****
i=28145
k(28145)=0.99899536292042
kQ(28145)=0.99799173513651
r1= : 1.4033046515383E-12
rpunto1 : = 13434779.236927
rduepunti0 : = -7.2225393192851E+25
fil : = 487.53458057668
fipunto1 : = 6.3446228669873E+18
fi_gradi : = 27933.673833725
t1 : = 1.0808743222685E-14
tpunto1 : = 1.0031767995936
tduepunti0 : = -3.8800018273222E+16
v=v_elettrone : = 16132593.413437
x0= : -1.1671077796938E-12
y0= : -7.7633816219946E-13
*****
i=28146
k(28146)=0.99899662825467
kQ(28146)=0.9979942632642
r1= : 1.4048802648924E-12
rpunto1 : = 13426320.309517
rduepunti0 : = -7.2126719440684E+25
fil : = 487.53532466576
fipunto1 : = 6.3303755365804E+18
fi_gradi : = 27933.716466888
t1 : = 1.0808743340336E-14
tpunto1 : = 1.0031722622933
tduepunti0 : = -3.86881893584E+16
v=v_elettrone : = 16119972.592598
x0= : -1.1678405519037E-12
y0= : -7.7808250870861E-13
*****
i=28147
k(28147)=0.99899789106412
kQ(28147)=0.99799678635056
r1= : 1.4064548861946E-12
rpunto1 : = 13417872.933268
rduepunti0 : = -7.202822617829E+25
fil : = 487.53606708393
fipunto1 : = 6.3161850828889E+18
fi_gradi : = 27933.759004316
t1 : = 1.0808743457987E-14
tpunto1 : = 1.0031677380504
tduepunti0 : = -3.8576853522225E+16
v=v_elettrone : = 16107378.302771
x0= : -1.1685718526797E-12
y0= : -7.7982586761978E-13
*****
i=28148
k(28148)=0.99899915135521
kQ(28148)=0.99799930440842
r1= : 1.4080285167995E-12
rpunto1 : = 13409437.086998
rduepunti0 : = -7.1929913522298E+25
fil : = 487.53680783787
fipunto1 : = 6.3020511888689E+18
fi_gradi : = 27933.80144639
t1 : = 1.0808743575637E-14
tpunto1 : = 1.0031632268072
tduepunti0 : = -3.8466007865102E+16
v=v_elettrone : = 16094810.446006
x0= : -1.1693016860552E-12
y0= : -7.815682400719E-13
```

```
*****
i=28149
k(28149)=0.99900040913435
kQ(28149)=0.99800181745061
r1= : 1.4096011580594E-12
rpunto1: = 13401012.749515
rduepunti0 : = -7.1831781580743E+25
fil : = 487.53754693419
fipunto1 : = 6.2879735397259E+18
fi_gradi : = 27933.843793491
t1 : = 1.0808743693287E-14
tpunto1 : = 1.0031587285068
tduepunti0 : = -3.8355649508549E+16
v=v_elettrone : = 16082268.923865
x0= : -1.1700300560463E-12
y0= : -7.8330962720293E-13
*****
i=28150
k(28150)=0.99900166440797
kQ(28150)=0.9980043254899
r1= : 1.4111728113239E-12
rpunto1: = 13392599.899612
rduepunti0 : = -7.17338304532E+25
fil : = 487.53828437951
fipunto1 : = 6.2739518228951E+18
fi_gradi : = 27933.886045995
t1 : = 1.0808743810936E-14
tpunto1 : = 1.0031542430922
tduepunti0 : = -3.8245775595012E+16
v=v_elettrone : = 16069753.638921
x0= : -1.170756966652E-12
y0= : -7.8505003014967E-13
*****
i=28151
k(28151)=0.99900291718246
kQ(28151)=0.99800682853907
r1= : 1.4127434779405E-12
rpunto1: = 13384198.516072
rduepunti0 : = -7.1636060230925E+25
fil : = 487.53902018039
fipunto1 : = 6.2599857280229E+18
fi_gradi : = 27933.92820428
t1 : = 1.0808743928585E-14
tpunto1 : = 1.003149770507
tduepunti0 : = -3.8136383287686E+16
v=v_elettrone : = 16057264.494028
x0= : -1.1714824218542E-12
y0= : -7.8678945004785E-13
*****
i=28152
k(28152)=0.99900416746422
kQ(28152)=0.99800932661088
r1= : 1.4143131592537E-12
rpunto1: = 13375808.577671
rduepunti0 : = -7.1538470996991E+25
fil : = 487.53975434333
fipunto1 : = 6.2460749469477E+18
fi_gradi : = 27933.970268718
t1 : = 1.0808744046233E-14
tpunto1 : = 1.003145310695
tduepunti0 : = -3.8027469770333E+16
v=v_elettrone : = 16044801.392322
x0= : -1.1722064256175E-12
y0= : -7.8852788803208E-13
```

```

*****
i=28153
k(28153)=0.99900541525962
kQ(28153)=0.99801181971804
r1= : 1.415881856606E-12
rpunto1: = 13367430.063172
rduepunti0 : = -7.1441062826419E+25
fil : = 487.54048687484
fipunto1 : = 6.2322191736812E+18
fi_gradi : = 27934.012239682
t1 : = 1.0808744163881E-14
tpunto1 : = 1.0031408636005
tduepunti0 : = -3.7919032247114E+16
v=v_elettrone : = 16032364.238001
x0= : -1.1729289818901E-12
y0= : -7.9026534523579E-13
*****
i=28154
k(28154)=0.99900666057503
kQ(28154)=0.99801430787327
r1= : 1.417449571337E-12
rpunto1: = 13359062.951334
rduepunti0 : = -7.1343835786313E+25
fil : = 487.54121778136
fipunto1 : = 6.2184181043902E+18
fi_gradi : = 27934.054117541
t1 : = 1.0808744281528E-14
tpunto1 : = 1.0031364291678
tduepunti0 : = -3.7811067942407E+16
v=v_elettrone : = 16019952.935573
x0= : -1.1736500946028E-12
y0= : -7.9200182279131E-13
*****
i=28155
k(28155)=0.9990079034168
kQ(28155)=0.99801679108923
r1= : 1.4190163047841E-12
rpunto1: = 13350707.220906
rduepunti0 : = -7.124678993599E+25
fil : = 487.54194706931
fipunto1 : = 6.2046714373778E+18
fi_gradi : = 27934.095902662
t1 : = 1.0808744399174E-14
tpunto1 : = 1.0031320073419
tduepunti0 : = -3.7703574100635E+16
v=v_elettrone : = 16007567.389483
x0= : -1.1743697676702E-12
y0= : -7.9373732182986E-13
*****
i=28156
k(28156)=0.99900914379129
kQ(28156)=0.99801926937861
r1= : 1.420582058282E-12
rpunto1: = 13342362.850633
rduepunti0 : = -7.1149925327105E+25
fil : = 487.54267474507
fipunto1 : = 6.1909788730658E+18
fi_gradi : = 27934.137595412
t1 : = 1.080874451682E-14
tpunto1 : = 1.0031275980679
tduepunti0 : = -3.7596547986098E+16
v=v_elettrone : = 15995207.505655
x0= : -1.17508800499E-12
y0= : -7.9547184348141E-13

```

```
*****
i=28157
k(28157)=0.99901038170483
kQ(28157)=0.99802174275403
r1= : 1.4221468331631E-12
rpunto1: = 13334029.819254
rduepunti0 : = -7.1053242003783E+25
fil : = 487.54340081498
fipunto1 : = 6.1773401139763E+18
fi_gradi : = 27934.179196154
t1 : = 1.0808744634466E-14
tpunto1 : = 1.0031232012912
tduepunti0 : = -3.7489986882803E+16
v=v_elettrone : = 15982873.18921
x0= : -1.1758048104433E-12
y0= : -7.9720538887486E-13
*****
i=28158
k(28158)=0.99901161716373
kQ(28158)=0.9980242112281
r1= : 1.4237106307571E-12
rpunto1: = 13325708.105503
rduepunti0 : = -7.0956740002736E+25
fil : = 487.54412528536
fipunto1 : = 6.1637548647143E+18
fi_gradi : = 27934.220705249
t1 : = 1.0808744752111E-14
tpunto1 : = 1.0031188169577
tduepunti0 : = -3.7383888094292E+16
v=v_elettrone : = 15970564.347148
x0= : -1.176520187895E-12
y0= : -7.9893795913779E-13
*****
i=28159
k(28159)=0.99901285017432
kQ(28159)=0.99802667481341
r1= : 1.4252734523914E-12
rpunto1: = 13317397.688113
rduepunti0 : = -7.0860419353392E+25
fil : = 487.54484816248
fipunto1 : = 6.1502228319497E+18
fi_gradi : = 27934.262123057
t1 : = 1.0808744869755E-14
tpunto1 : = 1.0031144450133
tduepunti0 : = -3.7278248943482E+16
v=v_elettrone : = 15958280.886069
x0= : -1.1772341411935E-12
y0= : -8.0066955539671E-13
*****
i=28160
k(28160)=0.99901408074288
kQ(28160)=0.99802913352255
r1= : 1.4268352993909E-12
rpunto1: = 13309098.545811
rduepunti0 : = -7.0764280078012E+25
fil : = 487.54556945257
fipunto1 : = 6.1367437244004E+18
fi_gradi : = 27934.303449935
t1 : = 1.0808744987399E-14
tpunto1 : = 1.0031100854046
tduepunti0 : = -3.7173066772494E+16
v=v_elettrone : = 15946022.712954
x0= : -1.177946674171E-12
y0= : -8.024001787769E-13
```



```
*****
i=28161
k(28161)=0.99901530887571
kQ(28161)=0.99803158736803
r1= : 1.4283961730778E-12
rpunto1 : = 13300810.657324
rduepunti0 : = -7.0668322191809E+25
fil : = 487.54628916186
fipunto1 : = 6.1233172528145E+18
fi_gradi : = 27934.344686239
t1 : = 1.0808745105042E-14
tpunto1 : = 1.0031057380783
tduepunti0 : = -3.7068338942495E+16
v=v_elettrone : = 15933789.735927
x0= : -1.1786577906436E-12
y0= : -8.0412983040235E-13
*****
i=28162
k(28162)=0.99901653457908
kQ(28162)=0.9980340363624
r1= : 1.4299560747719E-12
rpunto1 : = 13292534.001379
rduepunti0 : = -7.0572545703068E+25
fil : = 487.54700729651
fipunto1 : = 6.1099431299536E+18
fi_gradi : = 27934.385832324
t1 : = 1.0808745222685E-14
tpunto1 : = 1.0031014029813
tduepunti0 : = -3.6964062833534E+16
v=v_elettrone : = 15921581.863131
x0= : -1.1793674944113E-12
y0= : -8.0585851139592E-13
*****
i=28163
k(28163)=0.99901775785925
kQ(28163)=0.99803648051813
r1= : 1.4315150057907E-12
rpunto1 : = 13284268.556701
rduepunti0 : = -7.0476950613258E+25
fil : = 487.54772386265
fipunto1 : = 6.0966210705755E+18
fi_gradi : = 27934.42688854
t1 : = 1.0808745340328E-14
tpunto1 : = 1.003097080061
tduepunti0 : = -3.6860235844382E+16
v=v_elettrone : = 15909399.003112
x0= : -1.1800757892579E-12
y0= : -8.0758622287921E-13
*****
i=28164
k(28164)=0.99901897872248
kQ(28164)=0.99803891984771
r1= : 1.4330729674489E-12
rpunto1 : = 13276014.302017
rduepunti0 : = -7.0381536917149E+25
fil : = 487.54843886641
fipunto1 : = 6.083350791418E+18
fi_gradi : = 27934.467855237
t1 : = 1.080874545797E-14
tpunto1 : = 1.003092769265
tduepunti0 : = -3.6756855392376E+16
v=v_elettrone : = 15897241.065225
x0= : -1.1807826789518E-12
y0= : -8.0931296597255E-13
```

```
*****
i=28165
k(28165)=0.999020197175
kQ(28165)=0.99804135436358
r1= : 1.4346299610588E-12
rpunto1 : = 13267771.216054
rduepunti0 : = -7.0286304602922E+25
fil : = 487.54915231384
fipunto1 : = 6.0701320111818E+18
fi_gradi : = 27934.508732764
t1 : = 1.0808745575611E-14
tpunto1 : = 1.0030884705413
tduepunti0 : = -3.6653918913259E+16
v=v_elettrone : = 15885107.959236
x0= : -1.1814881672451E-12
y0= : -8.1103874179507E-13
*****
i=28166
k(28166)=0.99902141322304
kQ(28166)=0.99804378407816
r1= : 1.4361859879305E-12
rpunto1 : = 13259539.277542
rduepunti0 : = -7.0191253652277E+25
fil : = 487.54986421099
fipunto1 : = 6.0569644505143E+18
fi_gradi : = 27934.549521466
t1 : = 1.0808745693252E-14
tpunto1 : = 1.0030841838381
tduepunti0 : = -3.6551423861026E+16
v=v_elettrone : = 15872999.594601
x0= : -1.1821922578744E-12
y0= : -8.1276355146466E-13
*****
i=28167
k(28167)=0.99902262687281
kQ(28167)=0.99804620900384
r1= : 1.4377410493711E-12
rpunto1 : = 13251318.465215
rduepunti0 : = -7.009638404055E+25
fil : = 487.55057456386
fipunto1 : = 6.0438478319933E+18
fi_gradi : = 27934.590221688
t1 : = 1.0808745810892E-14
tpunto1 : = 1.0030799091039
tduepunti0 : = -3.6449367707774E+16
v=v_elettrone : = 15860915.882361
x0= : -1.1828949545609E-12
y0= : -8.1448739609784E-13
*****
i=28168
k(28168)=0.99902383813051
kQ(28168)=0.99804862915301
r1= : 1.4392951466857E-12
rpunto1 : = 13243108.757808
rduepunti0 : = -7.0001695736809E+25
fil : = 487.55128337844
fipunto1 : = 6.0307818801111E+18
fi_gradi : = 27934.630833771
t1 : = 1.0808745928532E-14
tpunto1 : = 1.0030756462875
tduepunti0 : = -3.6347747943542E+16
v=v_elettrone : = 15848856.733635
x0= : -1.1835962610099E-12
y0= : -8.1621027680993E-13
```

```
*****
i=28169
k(28169)=0.99902504700233
kQ(28169)=0.99805104453801
r1= : 1.4408482811764E-12
rpunto1 : = 13234910.134062
rduepunti0 : = -6.9907188703971E+25
fil : = 487.55199066066
fipunto1 : = 6.0177663212581E+18
fi_gradi : = 27934.671358058
t1 : = 1.0808746046172E-14
tpunto1 : = 1.003071395338
tduepunti0 : = -3.6246562076167E+16
v=v_elettrone : = 15836822.059245
x0= : -1.1842961809115E-12
y0= : -8.1793219471501E-13
*****
i=28170
k(28170)=0.99902625349445
kQ(28170)=0.99805345517117
r1= : 1.4424004541433E-12
rpunto1 : = 13226722.572723
rduepunti0 : = -6.9812862898897E+25
fil : = 487.55269641643
fipunto1 : = 6.0048008837073E+18
fi_gradi : = 27934.711794885
t1 : = 1.0808746163811E-14
tpunto1 : = 1.003067156205
tduepunti0 : = -3.6145807631132E+16
v=v_elettrone : = 15824811.771251
x0= : -1.1849947179404E-12
y0= : -8.1965315092575E-13
*****
i=28171
k(28171)=0.99902745761304
kQ(28171)=0.99805586106477
r1= : 1.4439516668837E-12
rpunto1 : = 13218546.052544
rduepunti0 : = -6.9718718272498E+25
fil : = 487.55340065163
fipunto1 : = 5.9918852975987E+18
fi_gradi : = 27934.752144589
t1 : = 1.0808746281449E-14
tpunto1 : = 1.0030629288379
tduepunti0 : = -3.6045482151417E+16
v=v_elettrone : = 15812825.782207
x0= : -1.1856918757559E-12
y0= : -8.2137314655357E-13
*****
i=28172
k(28172)=0.99902865936423
kQ(28172)=0.99805826223109
r1= : 1.4455019206925E-12
rpunto1 : = 13210380.552281
rduepunti0 : = -6.9624754769838E+25
fil : = 487.55410337211
fipunto1 : = 5.9790192949236E+18
fi_gradi : = 27934.792407507
t1 : = 1.0808746399087E-14
tpunto1 : = 1.0030587131869
tduepunti0 : = -3.5945583197354E+16
v=v_elettrone : = 15800864.004778
x0= : -1.1863876580023E-12
y0= : -8.2309218270861E-13
```

```
*****
i=28173
k(28173)=0.99902985875417
kQ(28173)=0.99806065868237
r1= : 1.4470512168621E-12
rpunto1 : = 13202226.0507
rduepunti0 : = -6.9530972330232E+25
fil : = 487.55480458368
fipunto1 : = 5.9662026095095E+18
fi_gradi : = 27934.832583971
t1 : = 1.0808746516724E-14
tpunto1 : = 1.0030545092021
tduepunti0 : = -3.5846108346483E+16
v=v_elettrone : = 15788926.352129
x0= : -1.1870820683087E-12
y0= : -8.2481026049968E-13
*****
i=28174
k(28174)=0.99903105578898
kQ(28174)=0.99806305043084
r1= : 1.4485995566824E-12
rpunto1 : = 13194082.526574
rduepunti0 : = -6.943737088734E+25
fil : = 487.55550429213
fipunto1 : = 5.9534349770047E+18
fi_gradi : = 27934.872674311
t1 : = 1.0808746634361E-14
tpunto1 : = 1.0030503168342
tduepunti0 : = -3.5747055193405E+16
v=v_elettrone : = 15777012.73795
x0= : -1.1877751102893E-12
y0= : -8.2652738103427E-13
*****
i=28175
k(28175)=0.99903225047478
kQ(28175)=0.9980654374887
r1= : 1.4501469414408E-12
rpunto1 : = 13185949.958684
rduepunti0 : = -6.9343950369272E+25
fil : = 487.5562025032
fipunto1 : = 5.9407161348633E+18
fi_gradi : = 27934.912678859
t1 : = 1.0808746751998E-14
tpunto1 : = 1.0030461360339
tduepunti0 : = -3.5648421349642E+16
v=v_elettrone : = 15765123.076451
x0= : -1.188466787543E-12
y0= : -8.2824354541855E-13
*****
i=28176
k(28176)=0.99903344281765
kQ(28176)=0.9980678198681
r1= : 1.4516933724223E-12
rpunto1 : = 13177828.325821
rduepunti0 : = -6.9250710698675E+25
fil : = 487.55689922263
fipunto1 : = 5.9280458223306E+18
fi_gradi : = 27934.952597942
t1 : = 1.0808746869634E-14
tpunto1 : = 1.0030419667524
tduepunti0 : = -3.5550204443498E+16
v=v_elettrone : = 15753257.281607
x0= : -1.1891571036544E-12
y0= : -8.2995875475738E-13
```

```
*****
i=28177
k(28177)=0.9990346328237
kQ(28177)=0.99807019758118
r1= : 1.4532388509093E-12
rpunto1 : = 13169717.606785
rduepunti0 : = -6.9157651792834E+25
fil : = 487.5575944561
fipunto1 : = 5.9154237804278E+18
fi_gradi : = 27934.992431885
t1 : = 1.0808746987269E-14
tpunto1 : = 1.003037808941
tduepunti0 : = -3.5452402119912E+16
v=v_elettrone : = 15741415.268321
x0= : -1.1898460621929E-12
y0= : -8.3167301015418E-13
*****
i=28178
k(28178)=0.99903582049898
kQ(28178)=0.99807257064008
r1= : 1.4547833781818E-12
rpunto1 : = 13161617.780386
rduepunti0 : = -6.9064773563756E+25
fil : = 487.55828820927
fipunto1 : = 5.9028497519378E+18
fi_gradi : = 27935.032181014
t1 : = 1.0808747104904E-14
tpunto1 : = 1.0030336625514
tduepunti0 : = -3.535501204033E+16
v=v_elettrone : = 15729596.952428
x0= : -1.1905336667134E-12
y0= : -8.3338631271103E-13
*****
i=28179
k(28179)=0.99903700584957
kQ(28179)=0.99807493905687
r1= : 1.4563269555172E-12
rpunto1 : = 13153528.825446
rduepunti0 : = -6.8972075918271E+25
fil : = 487.55898048777
fipunto1 : = 5.8903234813904E+18
fi_gradi : = 27935.071845651
t1 : = 1.0808747222539E-14
tpunto1 : = 1.0030295275355
tduepunti0 : = -3.5258031882558E+16
v=v_elettrone : = 15717802.249569
x0= : -1.1912199207562E-12
y0= : -8.3509866352872E-13
*****
i=28180
k(28180)=0.99903818888149
kQ(28180)=0.99807730284362
r1= : 1.4578695841905E-12
rpunto1 : = 13145450.720797
rduepunti0 : = -6.8879558758113E+25
fil : = 487.55967129721
fipunto1 : = 5.8778447150485E+18
fi_gradi : = 27935.111426116
t1 : = 1.0808747340173E-14
tpunto1 : = 1.0030254038455
tduepunti0 : = -3.5161459340635E+16
v=v_elettrone : = 15706031.075944
x0= : -1.1919048278471E-12
y0= : -8.3681006370668E-13
```

```
*****
i=28181
k(28181)=0.9990393696008
kQ(28181)=0.99807966201236
r1= : 1.4594112654743E-12
rpunto1 : = 13137383.445286
rduepunti0 : = -6.8787221980015E+25
fil : = 487.56036064316
fipunto1 : = 5.8654132008932E+18
fi_gradi : = 27935.150922729
t1 : = 1.0808747457806E-14
tpunto1 : = 1.0030212914338
tduepunti0 : = -3.5065292124692E+16
v=v_elettrone : = 15694283.347557
x0= : -1.1925883914972E-12
y0= : -8.3852051434295E-13
*****
i=28182
k(28182)=0.99904054801349
kQ(28182)=0.9980820165751
r1= : 1.4609520006386E-12
rpunto1 : = 13129326.977768
rduepunti0 : = -6.869506547579E+25
fil : = 487.56104853116
fipunto1 : = 5.8530286886103E+18
fi_gradi : = 27935.190335808
t1 : = 1.0808747575439E-14
tpunto1 : = 1.0030171902533
tduepunti0 : = -3.4969527960822E+16
v=v_elettrone : = 15682558.982173
x0= : -1.1932706152036E-12
y0= : -8.4023001653411E-13
*****
i=28183
k(28183)=0.99904172412559
kQ(28183)=0.99808436654383
r1= : 1.4624917909509E-12
rpunto1 : = 13121281.297116
rduepunti0 : = -6.8603089132423E+25
fil : = 487.56173496671
fipunto1 : = 5.8406909295761E+18
fi_gradi : = 27935.229665669
t1 : = 1.0808747693072E-14
tpunto1 : = 1.0030131002568
tduepunti0 : = -3.4874164590948E+16
v=v_elettrone : = 15670857.896976
x0= : -1.1939515024489E-12
y0= : -8.4193857137548E-13
*****
i=28184
k(28184)=0.99904289794307
kQ(28184)=0.9980867119305
r1= : 1.4640306376762E-12
rpunto1 : = 13113246.382214
rduepunti0 : = -6.8511292832151E+25
fil : = 487.56241995531
fipunto1 : = 5.8283996768436E+18
fi_gradi : = 27935.268912625
t1 : = 1.0808747810704E-14
tpunto1 : = 1.0030090213977
tduepunti0 : = -3.4779199772693E+16
v=v_elettrone : = 15659180.009389
x0= : -1.1946310567016E-12
y0= : -8.4364617996095E-13
```

```
*****
i=28185
k(28185)=0.99904406947193
kQ(28185)=0.99808905274703
r1= : 1.4655685420773E-12
rpunto1: = 13105222.211962
rduepunti0 : = -6.8419676452549E+25
fil : = 487.56310350241
fipunto1 : = 5.8161546851292E+18
fi_gradi : = 27935.308076988
t1 : = 1.0808747928335E-14
tpunto1 : = 1.0030049536295
tduepunti0 : = -3.4684631279249E+16
v=v_elettrone : = 15647525.238204
x0= : -1.1953092814159E-12
y0= : -8.4535284338294E-13
*****
i=28186
k(28186)=0.99904523871812
kQ(28186)=0.99809138900534
r1= : 1.4671055054141E-12
rpunto1: = 13097208.765273
rduepunti0 : = -6.832823986661E+25
fil : = 487.56378561343
fipunto1 : = 5.8039557107983E+18
fi_gradi : = 27935.347159071
t1 : = 1.0808748045966E-14
tpunto1 : = 1.0030008969059
tduepunti0 : = -3.4590456899248E+16
v=v_elettrone : = 15635893.5013
x0= : -1.1959861800321E-12
y0= : -8.4705856273258E-13
*****
i=28187
k(28187)=0.99904640568759
kQ(28187)=0.9980937207173
r1= : 1.4686415289444E-12
rpunto1: = 13089206.021076
rduepunti0 : = -6.8236982942828E+25
fil : = 487.56446629378
fipunto1 : = 5.791802511853E+18
fi_gradi : = 27935.386159182
t1 : = 1.0808748163597E-14
tpunto1 : = 1.002996851181
tduepunti0 : = -3.4496674436639E+16
v=v_elettrone : = 15624284.718734
x0= : -1.1966617559766E-12
y0= : -8.4876333909946E-13
*****
i=28188
k(28188)=0.99904757038629
kQ(28188)=0.99809604789474
r1= : 1.4701766139233E-12
rpunto1: = 13081213.958318
rduepunti0 : = -6.8145905545277E+25
fil : = 487.56514554881
fipunto1 : = 5.7796948479181E+18
fi_gradi : = 27935.425077628
t1 : = 1.0808748281227E-14
tpunto1 : = 1.0029928164091
tduepunti0 : = -3.4403281710559E+16
v=v_elettrone : = 15612698.80887
x0= : -1.1973360126617E-12
y0= : -8.5046717357192E-13
```

```
*****
i=28189
k(28189)=0.99904873282012
kQ(28189)=0.99809837054949
r1= : 1.4717107616035E-12
rpunto1: = 13073232.55596
rduepunti0 : = -6.8055007533689E+25
fil : = 487.56582338387
fipunto1 : = 5.7676324802279E+18
fi_gradi : = 27935.463914716
t1 : = 1.0808748398857E-14
tpunto1 : = 1.0029887925447
tduepunti0 : = -3.4310276555209E+16
v=v_elettrone : = 15601135.692285
x0= : -1.198008953486E-12
y0= : -8.5217006723671E-13
*****
i=28190
k(28190)=0.99904989299502
kQ(28190)=0.99810068869335
r1= : 1.4732439732353E-12
rpunto1: = 13065261.79298
rduepunti0 : = -6.7964288763532E+25
fil : = 487.56649980427
fipunto1 : = 5.7556151716136E+18
fi_gradi : = 27935.502670751
t1 : = 1.0808748516486E-14
tpunto1 : = 1.0029847795426
tduepunti0 : = -3.4217656819733E+16
v=v_elettrone : = 15589595.289029
x0= : -1.1986805818344E-12
y0= : -8.5387202117928E-13
*****
i=28191
k(28191)=0.99905105091686
kQ(28191)=0.99810300233808
r1= : 1.4747762500664E-12
rpunto1: = 13057301.648376
rduepunti0 : = -6.7873749086084E+25
fil : = 487.56717481529
fipunto1 : = 5.7436426864903E+18
fi_gradi : = 27935.541346034
t1 : = 1.0808748634115E-14
tpunto1 : = 1.0029807773579
tduepunti0 : = -3.4125420368091E+16
v=v_elettrone : = 15578077.519446
x0= : -1.1993509010779E-12
y0= : -8.5557303648364E-13
*****
i=28192
k(28192)=0.99905220659153
kQ(28192)=0.9981053114954
r1= : 1.4763075933422E-12
rpunto1: = 13049352.101161
rduepunti0 : = -6.7783388348514E+25
fil : = 487.5678484222
fipunto1 : = 5.7317147908439E+18
fi_gradi : = 27935.579940867
t1 : = 1.0808748751743E-14
tpunto1 : = 1.0029767859459
tduepunti0 : = -3.4033565078943E+16
v=v_elettrone : = 15566582.30454
x0= : -1.2000199145741E-12
y0= : -8.572731142323E-13
```



```
*****
i=28193
k(28193)=0.9990533600249
kQ(28193)=0.99810761617705
r1= : 1.4778380043054E-12
rpunto1 : = 13041413.130368
rduepunti0 : = -6.7693206393949E+25
fil : = 487.56852063022
fipunto1 : = 5.7198312522186E+18
fi_gradi : = 27935.618455549
t1 : = 1.0808748869371E-14
tpunto1 : = 1.002972805262
tduepunti0 : = -3.3942088845525E+16
v=v_elettrone : = 15555109.566004
x0= : -1.2006876256671E-12
y0= : -8.5897225550634E-13
*****
i=28194
k(28194)=0.99905451122283
kQ(28194)=0.99810991639468
r1= : 1.4793674841966E-12
rpunto1 : = 13033484.715048
rduepunti0 : = -6.7603203061552E+25
fil : = 487.56919144456
fipunto1 : = 5.7079918397046E+18
fi_gradi : = 27935.656890379
t1 : = 1.0808748986998E-14
tpunto1 : = 1.0029688352622
tduepunti0 : = -3.3850989575534E+16
v=v_elettrone : = 15543659.225432
x0= : -1.2013540376875E-12
y0= : -8.6067046138545E-13
*****
i=28195
k(28195)=0.99905566019114
kQ(28195)=0.99811221215996
r1= : 1.4808960342535E-12
rpunto1 : = 13025566.834271
rduepunti0 : = -6.7513378186592E+25
fil : = 487.56986087038
fipunto1 : = 5.6961963239253E+18
fi_gradi : = 27935.695245654
t1 : = 1.0808749104625E-14
tpunto1 : = 1.0029648759024
tduepunti0 : = -3.3760265191008E+16
v=v_elettrone : = 15532231.204732
x0= : -1.2020191539524E-12
y0= : -8.6236773294785E-13
*****
i=28196
k(28196)=0.99905680693568
kQ(28196)=0.99811450348452
r1= : 1.4824236557117E-12
rpunto1 : = 13017659.46713
rduepunti0 : = -6.7423731600513E+25
fil : = 487.57052891285
fipunto1 : = 5.6844444770253E+18
fi_gradi : = 27935.733521667
t1 : = 1.0808749222252E-14
tpunto1 : = 1.0029609271389
tduepunti0 : = -3.3669913628208E+16
v=v_elettrone : = 15520825.426513
x0= : -1.2026829777658E-12
y0= : -8.6406407127025E-13
```

```

*****
i=28197
k(28197)=0.99905795146225
kQ(28197)=0.99811679037995
r1= : 1.4839503498043E-12
rpunto1 : = 13009762.592733
rduepunti0 : = -6.733426313101E+25
fil : = 487.57119557707
fipunto1 : = 5.6727360726579E+18
fi_gradi : = 27935.771718714
t1 : = 1.0808749339877E-14
tpunto1 : = 1.0029569889283
tduepunti0 : = -3.3579932837506E+16
v=v_elettrone : = 15509441.814097
x0= : -1.2033455124184E-12
y0= : -8.6575947742793E-13
*****
i=28198
k(28198)=0.99905909377665
kQ(28198)=0.99811907285782
r1= : 1.4854761177617E-12
rpunto1 : = 13001876.190213
rduepunti0 : = -6.7244972602088E+25
fil : = 487.57186086814
fipunto1 : = 5.6610708859732E+18
fi_gradi : = 27935.809837084
t1 : = 1.0808749457503E-14
tpunto1 : = 1.0029530612272
tduepunti0 : = -3.3490320783268E+16
v=v_elettrone : = 15498080.289966
x0= : -1.2040067611876E-12
y0= : -8.6745395249477E-13
*****
i=28199
k(28199)=0.99906023388466
kQ(28199)=0.99812135092967
r1= : 1.4870009608121E-12
rpunto1 : = 12994000.238722
rduepunti0 : = -6.7155859834141E+25
fil : = 487.57252479114
fipunto1 : = 5.6494486936062E+18
fi_gradi : = 27935.84787707
t1 : = 1.0808749575128E-14
tpunto1 : = 1.0029491439927
tduepunti0 : = -3.3401075443743E+16
v=v_elettrone : = 15486740.778499
x0= : -1.2046667273379E-12
y0= : -8.6914749754306E-13
*****
i=28200
k(28200)=0.99906137179205
kQ(28200)=0.99812362460701
r1= : 1.4885248801813E-12
rpunto1 : = 12986134.717434
rduepunti0 : = -6.7066924644007E+25
fil : = 487.5731873511
fipunto1 : = 5.6378692736649E+18
fi_gradi : = 27935.885838959
t1 : = 1.0808749692753E-14
tpunto1 : = 1.0029452371821
tduepunti0 : = -3.3312194810947E+16
v=v_elettrone : = 15475423.203632
x0= : -1.2053254141207E-12
y0= : -8.7084011364373E-13

```

```
*****
i=28201
k(28201)=0.99906250750458
kQ(28201)=0.99812589390134
r1= : 1.4900478770924E-12
rpunto1: = 12978279.605545
rduepunti0 : = -6.6978166845046E+25
fil : = 487.57384855304
fipunto1 : = 5.6263324057183E+18
fi_gradi : = 27935.92372304
t1 : = 1.0808749810377E-14
tpunto1 : = 1.0029413407527
tduepunti0 : = -3.3223676890556E+16
v=v_elettrone : = 15464127.488887
x0= : -1.2059828247744E-12
y0= : -8.7253180186624E-13
*****
i=28202
k(28202)=0.99906364102799
kQ(28202)=0.9981281588241
r1= : 1.4915699527662E-12
rpunto1: = 12970434.882273
rduepunti0 : = -6.6889586247195E+25
fil : = 487.57450840195
fipunto1 : = 5.6148378707852E+18
fi_gradi : = 27935.961529598
t1 : = 1.0808749928E-14
tpunto1 : = 1.0029374546622
tduepunti0 : = -3.3135519701792E+16
v=v_elettrone : = 15452853.560082
x0= : -1.2066389625246E-12
y0= : -8.7422256327841E-13
*****
i=28203
k(28203)=0.99906477236801
kQ(28203)=0.99813041938673
r1= : 1.4930911084211E-12
rpunto1: = 12962600.526858
rduepunti0 : = -6.6801182657036E+25
fil : = 487.5751669028
fipunto1 : = 5.6033854513223E+18
fi_gradi : = 27935.999258917
t1 : = 1.0808750045624E-14
tpunto1 : = 1.0029335788686
tduepunti0 : = -3.3047721277317E+16
v=v_elettrone : = 15441601.34185
x0= : -1.2072938305841E-12
y0= : -8.7591239894676E-13
*****
i=28204
k(28204)=0.99906590153034
kQ(28204)=0.99813267560063
r1= : 1.4946113452731E-12
rpunto1: = 12954776.518564
rduepunti0 : = -6.6712955877859E+25
fil : = 487.57582406053
fipunto1 : = 5.5919749312129E+18
fi_gradi : = 27936.036911281
t1 : = 1.0808750163246E-14
tpunto1 : = 1.0029297133301
tduepunti0 : = -3.2960279663122E+16
v=v_elettrone : = 15430370.759573
x0= : -1.2079474321528E-12
y0= : -8.7760130993624E-13
```

```
*****
i=28205
k(28205)=0.99906702852069
kQ(28205)=0.99813492747717
r1= : 1.4961306645356E-12
rpunto1: = 12946962.836679
rduepunti0 : = -6.6624905709724E+25
fil : = 487.57647988004
fipunto1 : = 5.5806060957557E+18
fi_gradi : = 27936.074486972
t1 : = 1.0808750280869E-14
tpunto1 : = 1.002925858005
tduepunti0 : = -3.2873192918422E+16
v=v_elettrone : = 15419161.739032
x0= : -1.2085997704181E-12
y0= : -8.7928929731031E-13
*****
i=28206
k(28206)=0.99906815334475
kQ(28206)=0.99813717502769
r1= : 1.4976490674197E-12
rpunto1: = 12939159.460514
rduepunti0 : = -6.6537031949521E+25
fil : = 487.57713436623
fipunto1 : = 5.5692787316535E+18
fi_gradi : = 27936.111986268
t1 : = 1.080875039849E-14
tpunto1 : = 1.0029220128519
tduepunti0 : = -3.2786459115549E+16
v=v_elettrone : = 15407974.20638
x0= : -1.2092508485547E-12
y0= : -8.8097636213092E-13
*****
i=28207
k(28207)=0.99906927600818
kQ(28207)=0.99813941826351
r1= : 1.4991665551341E-12
rpunto1: = 12931366.369404
rduepunti0 : = -6.644933439103E+25
fil : = 487.57778752396
fipunto1 : = 5.5579926270021E+18
fi_gradi : = 27936.149409449
t1 : = 1.0808750516112E-14
tpunto1 : = 1.0029181778297
tduepunti0 : = -3.2700076339847E+16
v=v_elettrone : = 15396808.088563
x0= : -1.2099006697249E-12
y0= : -8.8266250545851E-13
*****
i=28208
k(28208)=0.99907039651664
kQ(28208)=0.99814165719591
r1= : 1.5006831288849E-12
rpunto1: = 12923583.542708
rduepunti0 : = -6.6361812824984E+25
fil : = 487.57843935807
fipunto1 : = 5.5467475712791E+18
fi_gradi : = 27936.186756793
t1 : = 1.0808750633733E-14
tpunto1 : = 1.0029143528974
tduepunti0 : = -3.2614042689565E+16
v=v_elettrone : = 15385663.311747
x0= : -1.2105492370784E-12
y0= : -8.8434772835209E-13
```

```
*****
i=28209
k(28209)=0.99907151487577
kQ(28209)=0.99814389183616
r1= : 1.5021987898759E-12
rpunto1 : = 12915810.959813
rduepunti0 : = -6.6274467039121E+25
fil : = 487.57908987338
fipunto1 : = 5.5355433553335E+18
fi_gradi : = 27936.224028575
t1 : = 1.0808750751353E-14
tpunto1 : = 1.0029105380143
tduepunti0 : = -3.252835627576E+16
v=v_elettrone : = 15374539.804082
x0= : -1.2111965537524E-12
y0= : -8.8603203186904E-13
*****
i=28210
k(28210)=0.99907263109119
kQ(28210)=0.99814612219548
r1= : 1.5037135393086E-12
rpunto1 : = 12908048.600127
rduepunti0 : = -6.6187296818248E+25
fil : = 487.57973907467
fipunto1 : = 5.5243797713743E+18
fi_gradi : = 27936.261225069
t1 : = 1.0808750868973E-14
tpunto1 : = 1.0029067331398
tduepunti0 : = -3.2443015222188E+16
v=v_elettrone : = 15363437.49216
x0= : -1.2118426228719E-12
y0= : -8.8771541706541E-13
*****
i=28211
k(28211)=0.99907374516853
kQ(28211)=0.99814834828507
r1= : 1.5052273783819E-12
rpunto1 : = 12900296.443086
rduepunti0 : = -6.6100301944294E+25
fil : = 487.58038696671
fipunto1 : = 5.5132566129602E+18
fi_gradi : = 27936.298346548
t1 : = 1.0808750986593E-14
tpunto1 : = 1.0029029382338
tduepunti0 : = -3.2358017665206E+16
v=v_elettrone : = 15352356.304572
x0= : -1.2124874475496E-12
y0= : -8.8939788499554E-13
*****
i=28212
k(28212)=0.99907485711338
kQ(28212)=0.99815057011611
r1= : 1.5067403082923E-12
rpunto1 : = 12892554.468152
rduepunti0 : = -6.6013482196366E+25
fil : = 487.58103355425
fipunto1 : = 5.5021736749889E+18
fi_gradi : = 27936.335393285
t1 : = 1.0808751104212E-14
tpunto1 : = 1.0028991532561
tduepunti0 : = -3.2273361753673E+16
v=v_elettrone : = 15341296.169154
x0= : -1.2131310308861E-12
y0= : -8.9107943671239E-13
```

```
*****
i=28213
k(28213)=0.99907596693131
kQ(28213)=0.99815278769974
r1= : 1.5082523302341E-12
rpunto1 : = 12884822.654812
rduepunti0 : = -6.5926837350807E+25
fil : = 487.58167884199
fipunto1 : = 5.4911307536865E+18
fi_gradi : = 27936.372365549
t1 : = 1.0808751221831E-14
tpunto1 : = 1.0028953781669
tduepunti0 : = -3.2189045648846E+16
v=v_elettrone : = 15330257.014968
x0= : -1.2137733759696E-12
y0= : -8.9276007326731E-13
*****
i=28214
k(28214)=0.99907707462792
kQ(28214)=0.99815500104708
r1= : 1.5097634453988E-12
rpunto1 : = 12877100.98258
rduepunti0 : = -6.5840367181246E+25
fil : = 487.58232283463
fipunto1 : = 5.4801276465972E+18
fi_gradi : = 27936.409263609
t1 : = 1.0808751339449E-14
tpunto1 : = 1.0028916129265
tduepunti0 : = -3.2105067524284E+16
v=v_elettrone : = 15319238.770725
x0= : -1.2144144858763E-12
y0= : -8.9443979571022E-13
*****
i=28215
k(28215)=0.99907818020874
kQ(28215)=0.99815721016921
r1= : 1.511273654976E-12
rpunto1 : = 12869389.430998
rduepunti0 : = -6.5754071458656E+25
fil : = 487.58296553683
fipunto1 : = 5.4691641525729E+18
fi_gradi : = 27936.446087733
t1 : = 1.0808751457067E-14
tpunto1 : = 1.0028878574956
tduepunti0 : = -3.2021425565752E+16
v=v_elettrone : = 15308241.365582
x0= : -1.2150543636706E-12
y0= : -8.9611860508946E-13
*****
i=28216
k(28216)=0.99907928367932
kQ(28216)=0.99815941507719
r1= : 1.5127829601524E-12
rpunto1 : = 12861687.979634
rduepunti0 : = -6.5667949951402E+25
fil : = 487.58360695326
fipunto1 : = 5.4582400717632E+18
fi_gradi : = 27936.482838187
t1 : = 1.0808751574684E-14
tpunto1 : = 1.0028841118348
tduepunti0 : = -3.193811797112E+16
v=v_elettrone : = 15297264.729152
x0= : -1.2156930124047E-12
y0= : -8.9779650245185E-13
```

```
*****
i=28217
k(28217)=0.99908038504519
kQ(28217)=0.99816161578205
r1= : 1.5142913621127E-12
rpunto1: = 12853996.608084
rduepunti0 : = -6.5582002425297E+25
fil : = 487.58424708852
fipunto1 : = 5.4473552056048E+18
fi_gradi : = 27936.519515236
t1 : = 1.0808751692301E-14
tpunto1 : = 1.0028803759053
tduepunti0 : = -3.185514295027E+16
v=v_elettrone : = 15286308.791513
x0= : -1.216330435119E-12
y0= : -8.9947348884265E-13
*****
i=28218
k(28218)=0.99908148431186
kQ(28218)=0.9981638122948
r1= : 1.515798862039E-12
rpunto1: = 12846315.29597
rduepunti0 : = -6.5496228643651E+25
fil : = 487.58488594722
fipunto1 : = 5.4365093568119E+18
fi_gradi : = 27936.556119144
t1 : = 1.0808751809918E-14
tpunto1 : = 1.0028766496681
tduepunti0 : = -3.1772498725001E+16
v=v_elettrone : = 15275373.483202
x0= : -1.216966634842E-12
y0= : -9.0114956530561E-13
*****
i=28219
k(28219)=0.99908258148483
kQ(28219)=0.99816600462639
r1= : 1.517305461111E-12
rpunto1: = 12838644.022945
rduepunti0 : = -6.5410628367322E+25
fil : = 487.58552353394
fipunto1 : = 5.4257023293662E+18
fi_gradi : = 27936.592650171
t1 : = 1.0808751927534E-14
tpunto1 : = 1.0028729330848
tduepunti0 : = -3.1690183528934E+16
v=v_elettrone : = 15264458.734042
x0= : -1.2176016145905E-12
y0= : -9.0282473288302E-13
*****
i=28220
k(28220)=0.99908367656958
kQ(28220)=0.99816819278779
r1= : 1.5188111605062E-12
rpunto1: = 12830982.768689
rduepunti0 : = -6.5325201354766E+25
fil : = 487.58615985322
fipunto1 : = 5.4149339285069E+18
fi_gradi : = 27936.62910858
t1 : = 1.0808752045149E-14
tpunto1 : = 1.0028692261169
tduepunti0 : = -3.1608195607418E+16
v=v_elettrone : = 15253564.475532
x0= : -1.2182353773696E-12
y0= : -9.0449899261547E-13
```

```

*****
i=28221
k(28221)=0.99908476957158
kQ(28221)=0.99817037678989
r1= : 1.5203159613995E-12
rpunto1 : = 12823331.512909
rduepunti0 : = -6.5239947362084E+25
fil : = 487.58679490959
fipunto1 : = 5.4042039607209E+18
fi_gradi : = 27936.665494631
t1 : = 1.0808752162764E-14
tpunto1 : = 1.0028655287263
tduepunti0 : = -3.1526533217438E+16
v=v_elettrone : = 15242690.638851
x0= : -1.2188679261728E-12
y0= : -9.061723455421E-13
*****
i=28222
k(28222)=0.99908586049628
kQ(28222)=0.99817255664359
r1= : 1.5218198649634E-12
rpunto1 : = 12815690.235344
rduepunti0 : = -6.5154866143075E+25
fil : = 487.58742870757
fipunto1 : = 5.3935122337333E+18
fi_gradi : = 27936.70180858
t1 : = 1.0808752280379E-14
tpunto1 : = 1.002861840875
tduepunti0 : = -3.1445194627523E+16
v=v_elettrone : = 15231837.155683
x0= : -1.2194992639819E-12
y0= : -9.0784479270052E-13
*****
i=28223
k(28223)=0.99908694934913
kQ(28223)=0.99817473235975
r1= : 1.5233228723684E-12
rpunto1 : = 12808058.915759
rduepunti0 : = -6.5069957449275E+25
fil : = 487.58806125164
fipunto1 : = 5.3828585564978E+18
fi_gradi : = 27936.738050685
t1 : = 1.0808752397994E-14
tpunto1 : = 1.0028581625252
tduepunti0 : = -3.1364178117656E+16
v=v_elettrone : = 15221003.957807
x0= : -1.2201293937673E-12
y0= : -9.095163351268E-13
*****
i=28224
k(28224)=0.99908803613555
kQ(28224)=0.99817690394919
r1= : 1.5248249847821E-12
rpunto1 : = 12800437.53395
rduepunti0 : = -6.4985221030014E+25
fil : = 487.58869254626
fipunto1 : = 5.372242739187E+18
fi_gradi : = 27936.774221202
t1 : = 1.0808752515607E-14
tpunto1 : = 1.0028544936393
tduepunti0 : = -3.1283481979186E+16
v=v_elettrone : = 15210190.9775
x0= : -1.2207583184877E-12
y0= : -9.1118697385543E-13

```



```
*****
i=28225
k(28225)=0.99908912086095
kQ(28225)=0.99817907142271
r1= : 1.5263262033702E-12
rpunto1: = 12792826.069744
rduepunti0 : = -6.4900656632454E+25
fil : = 487.58932259587
fipunto1 : = 5.3616645931832E+18
fi_gradi : = 27936.810320386
t1 : = 1.0808752633221E-14
tpunto1 : = 1.0028508341799
tduepunti0 : = -3.1203104514733E+16
v=v_elettrone : = 15199398.14716
x0= : -1.2213860410906E-12
y0= : -9.1285670991939E-13
*****
i=28226
k(28226)=0.99909020353073
kQ(28226)=0.99818123479108
r1= : 1.5278265292957E-12
rpunto1: = 12785224.502995
rduepunti0 : = -6.481626400164E+25
fil : = 487.58995140488
fipunto1 : = 5.351123931069E+18
fi_gradi : = 27936.846348489
t1 : = 1.0808752750834E-14
tpunto1 : = 1.00284718411
tduepunti0 : = -3.1123044038105E+16
v=v_elettrone : = 15188625.399701
x0= : -1.2220125645122E-12
y0= : -9.1452554435004E-13
*****
i=28227
k(28227)=0.99909128415027
kQ(28227)=0.99818339406504
r1= : 1.5293259637193E-12
rpunto1: = 12777632.81359
rduepunti0 : = -6.473204288054E+25
fil : = 487.59057897771
fipunto1 : = 5.340620566618E+18
fi_gradi : = 27936.882305763
t1 : = 1.0808752868447E-14
tpunto1 : = 1.0028435433925
tduepunti0 : = -3.1043298874207E+16
v=v_elettrone : = 15177872.668151
x0= : -1.2226378916773E-12
y0= : -9.1619347817724E-13
*****
i=28228
k(28228)=0.99909236272495
kQ(28228)=0.99818554925532
r1= : 1.5308245077996E-12
rpunto1: = 12770050.981443
rduepunti0 : = -6.4647993010092E+25
fil : = 487.59120531871
fipunto1 : = 5.3301543147858E+18
fi_gradi : = 27936.918192459
t1 : = 1.0808752986059E-14
tpunto1 : = 1.0028399119906
tduepunti0 : = -3.0963867358956E+16
v=v_elettrone : = 15167139.886077
x0= : -1.2232620254995E-12
y0= : -9.1786051242925E-13
```

```
*****
i=28229
k(28229)=0.99909343926011
kQ(28229)=0.99818770037259
r1= : 1.5323221626925E-12
rpunto1: = 12762478.986502
rduepunti0 : = -6.4564114129248E+25
fil : = 487.59183043224
fipunto1 : = 5.3197249917005E+18
fi_gradi : = 27936.954008826
t1 : = 1.080875310367E-14
tpunto1 : = 1.0028362898677
tduepunti0 : = -3.0884747839197E+16
v=v_elettrone : = 15156426.987572
x0= : -1.2238849688813E-12
y0= : -9.1952664813279E-13
*****
i=28230
k(28230)=0.99909451376109
kQ(28230)=0.9981898474275
r1= : 1.5338189295517E-12
rpunto1: = 12754916.808744
rduepunti0 : = -6.4480405975015E+25
fil : = 487.59245432264
fipunto1 : = 5.3093324146543E+18
fi_gradi : = 27936.989755113
t1 : = 1.0808753221282E-14
tpunto1 : = 1.0028326769875
tduepunti0 : = -3.0805938672612E+16
v=v_elettrone : = 15145733.906073
x0= : -1.2245067247139E-12
y0= : -9.2119188631308E-13
*****
i=28231
k(28231)=0.99909558623322
kQ(28231)=0.9981919904307
r1= : 1.5353148095286E-12
rpunto1: = 12747364.428177
rduepunti0 : = -6.4396868282496E+25
fil : = 487.59307699421
fipunto1 : = 5.2989764020941E+18
fi_gradi : = 27937.025431565
t1 : = 1.0808753338893E-14
tpunto1 : = 1.0028290733137
tduepunti0 : = -3.072743822764E+16
v=v_elettrone : = 15135060.576765
x0= : -1.2251272958776E-12
y0= : -9.2285622799366E-13
*****
i=28232
k(28232)=0.99909665668181
kQ(28232)=0.99819412939276
r1= : 1.5368098037721E-12
rpunto1: = 12739821.824841
rduepunti0 : = -6.4313500784937E+25
fil : = 487.59369845123
fipunto1 : = 5.2886567736131E+18
fi_gradi : = 27937.06103843
t1 : = 1.0808753456503E-14
tpunto1 : = 1.0028254788103
tduepunti0 : = -3.0649244883392E+16
v=v_elettrone : = 15124406.933781
x0= : -1.2257466852417E-12
y0= : -9.2451967419664E-13
```

```
*****
i=28233
k(28233)=0.99909772511215
kQ(28233)=0.99819626432427
r1= : 1.538303913429E-12
rpunto1: = 12732288.978808
rduepunti0 : = -6.4230303213761E+25
fil : = 487.59431869799
fipunto1 : = 5.2783733499414E+18
fi_gradi : = 27937.096575952
t1 : = 1.0808753574113E-14
tpunto1 : = 1.0028218934415
tduepunti0 : = -3.057135702957E+16
v=v_elettrone : = 15113772.912207
x0= : -1.2263648956646E-12
y0= : -9.2618222594248E-13
*****
i=28234
k(28234)=0.99909879152953
kQ(28234)=0.99819839523577
r1= : 1.5397971396436E-12
rpunto1: = 12724765.87018
rduepunti0 : = -6.4147275298614E+25
fil : = 487.59493773872
fipunto1 : = 5.2681259529381E+18
fi_gradi : = 27937.132044373
t1 : = 1.0808753691723E-14
tpunto1 : = 1.0028183171716
tduepunti0 : = -3.0493773066381E+16
v=v_elettrone : = 15103158.447702
x0= : -1.2269819299936E-12
y0= : -9.2784388425007E-13
*****
i=28235
k(28235)=0.99909985593922
kQ(28235)=0.99820052213776
r1= : 1.5412894835578E-12
rpunto1: = 12717252.479093
rduepunti0 : = -6.40644167674E+25
fil : = 487.59555557765
fipunto1 : = 5.257914405582E+18
fi_gradi : = 27937.167443936
t1 : = 1.0808753809332E-14
tpunto1 : = 1.0028147499652
tduepunti0 : = -3.0416491404456E+16
v=v_elettrone : = 15092563.475278
x0= : -1.2275977910654E-12
y0= : -9.2950465013681E-13
*****
i=28236
k(28236)=0.99910091834646
kQ(28236)=0.99820264504073
r1= : 1.5427809463113E-12
rpunto1: = 12709748.785712
rduepunti0 : = -6.3981727346324E+25
fil : = 487.59617221898
fipunto1 : = 5.2477385319635E+18
fi_gradi : = 27937.202774882
t1 : = 1.0808753926941E-14
tpunto1 : = 1.0028111917871
tduepunti0 : = -3.0339510464775E+16
v=v_elettrone : = 15081987.931331
x0= : -1.2282124817058E-12
y0= : -9.3116452461842E-13
```

```
*****
i=28237
k(28237)=0.99910197875649
kQ(28237)=0.99820476395514
r1= : 1.5442715290415E-12
rpunto1: = 12702254.770239
rduepunti0 : = -6.389920675993E+25
fil : = 487.5967876669
fipunto1 : = 5.237598157276E+18
fi_gradi : = 27937.23803745
t1 : = 1.0808754044549E-14
tpunto1 : = 1.0028076426021
tduepunti0 : = -3.0262828678578E+16
v=v_elettrone : = 15071431.752033
x0= : -1.22882600473E-12
y0= : -9.3282350870915E-13
*****
i=28238
k(28238)=0.99910303717455
kQ(28238)=0.99820687889141
r1= : 1.5457612328833E-12
rpunto1: = 12694770.412903
rduepunti0 : = -6.3816854731136E+25
fil : = 487.59740192556
fipunto1 : = 5.2274931078076E+18
fi_gradi : = 27937.273231879
t1 : = 1.0808754162157E-14
tpunto1 : = 1.0028041023753
tduepunti0 : = -3.0186444487294E+16
v=v_elettrone : = 15060894.873331
x0= : -1.2294383629424E-12
y0= : -9.3448160342166E-13
*****
i=28239
k(28239)=0.99910409360584
kQ(28239)=0.99820898985994
r1= : 1.5472500589695E-12
rpunto1: = 12687295.693971
rduepunti0 : = -6.3734670981275E+25
fil : = 487.59801499913
fipunto1 : = 5.2174232109327E+18
fi_gradi : = 27937.308358407
t1 : = 1.0808754279765E-14
tpunto1 : = 1.0028005710721
tduepunti0 : = -3.0110356342455E+16
v=v_elettrone : = 15050377.232977
x0= : -1.230049559137E-12
y0= : -9.3613880976694E-13
*****
i=28240
k(28240)=0.99910514805555
kQ(28240)=0.9982110968711
r1= : 1.5487380084304E-12
rpunto1: = 12679830.593738
rduepunti0 : = -6.3652655230128E+25
fil : = 487.5986268917
fipunto1 : = 5.2073882951038E+18
fi_gradi : = 27937.343417269
t1 : = 1.0808754397372E-14
tpunto1 : = 1.0027970486578
tduepunti0 : = -3.0034562705626E+16
v=v_elettrone : = 15039878.766897
x0= : -1.2306595960968E-12
y0= : -9.3779512875458E-13
```

```
*****
i=28241
k(28241)=0.99910620052886
kQ(28241)=0.99821319993522
r1= : 1.5502250823941E-12
rpunto1 : = 12672375.092536
rduepunti0 : = -6.3570807195965E+25
fil : = 487.5992376074
fipunto1 : = 5.1973881898434E+18
fi_gradi : = 27937.3784087
t1 : = 1.0808754514979E-14
tpunto1 : = 1.0027935350982
tduepunti0 : = -2.9959062048319E+16
v=v_elettrone : = 15029399.413234
x0= : -1.2312684765949E-12
y0= : -9.3945056139242E-13
*****
i=28242
k(28242)=0.99910725103095
kQ(28242)=0.99821529906263
r1= : 1.5517112819863E-12
rpunto1 : = 12664929.170728
rduepunti0 : = -6.3489126595579E+25
fil : = 487.59984715029
fipunto1 : = 5.1874227257359E+18
fi_gradi : = 27937.413332936
t1 : = 1.0808754632585E-14
tpunto1 : = 1.0027900303589
tduepunti0 : = -2.9883852851924E+16
v=v_elettrone : = 15018939.109521
x0= : -1.2318762033935E-12
y0= : -9.4110510868682E-13
*****
i=28243
k(28243)=0.99910829956697
kQ(28243)=0.9982173942636
r1= : 1.5531966083306E-12
rpunto1 : = 12657492.808711
rduepunti0 : = -6.3407613144318E+25
fil : = 487.60045552445
fipunto1 : = 5.1774917344196E+18
fi_gradi : = 27937.448190208
t1 : = 1.0808754750191E-14
tpunto1 : = 1.0027865344062
tduepunti0 : = -2.980893360763E+16
v=v_elettrone : = 15008497.79351
x0= : -1.2324827792446E-12
y0= : -9.4275877164258E-13
*****
i=28244
k(28244)=0.99910934614205
kQ(28244)=0.99821948554839
r1= : 1.5546810625481E-12
rpunto1 : = 12650065.986916
rduepunti0 : = -6.3326266556124E+25
fil : = 487.60106273392
fipunto1 : = 5.1675950485785E+18
fi_gradi : = 27937.482980747
t1 : = 1.0808754867796E-14
tpunto1 : = 1.002783047206
tduepunti0 : = -2.9734302816347E+16
v=v_elettrone : = 14998075.403556
x0= : -1.2330882068899E-12
y0= : -9.4441155126286E-13
```

```
*****
i=28245
k(28245)=0.99911039076131
kQ(28245)=0.99822157292723
r1= : 1.5561646457576E-12
rpunto1: = 12642648.685807
rduepunti0 : = -6.3245086543565E+25
fil : = 487.60166878271
fipunto1 : = 5.157732501935E+18
fi_gradi : = 27937.517704785
t1 : = 1.0808754985401E-14
tpunto1 : = 1.0027795687247
tduepunti0 : = -2.9659958988638E+16
v=v_elettrone : = 14987671.878247
x0= : -1.2336924890606E-12
y0= : -9.4606344854929E-13
*****
i=28246
k(28246)=0.99911143342988
kQ(28246)=0.99822365641031
r1= : 1.5576473590757E-12
rpunto1: = 12635240.885881
rduepunti0 : = -6.3164072817871E+25
fil : = 487.60227367484
fipunto1 : = 5.1479039292415E+18
fi_gradi : = 27937.552362551
t1 : = 1.0808755103006E-14
tpunto1 : = 1.002776098929
tduepunti0 : = -2.9585900644638E+16
v=v_elettrone : = 14977287.155977
x0= : -1.2342956284779E-12
y0= : -9.4771446450193E-13
*****
i=28247
k(28247)=0.99911247415283
kQ(28247)=0.9982257360078
r1= : 1.5591292036167E-12
rpunto1: = 12627842.567671
rduepunti0 : = -6.3083225088963E+25
fil : = 487.60287741429
fipunto1 : = 5.138109166273E+18
fi_gradi : = 27937.586954273
t1 : = 1.080875522061E-14
tpunto1 : = 1.0027726377854
tduepunti0 : = -2.9512126313987E+16
v=v_elettrone : = 14966921.176187
x0= : -1.2348976278526E-12
y0= : -9.4936460011919E-13
*****
i=28248
k(28248)=0.99911351293526
kQ(28248)=0.99822781172984
r1= : 1.5606101804927E-12
rpunto1: = 12620453.711744
rduepunti0 : = -6.3002543065489E+25
fil : = 487.60348000502
fipunto1 : = 5.1283480498195E+18
fi_gradi : = 27937.621480179
t1 : = 1.0808755338214E-14
tpunto1 : = 1.0027691852608
tduepunti0 : = -2.9438634535754E+16
v=v_elettrone : = 14956573.878136
x0= : -1.2354984898856E-12
y0= : -9.5101385639797E-13
```

```
*****
i=28249
k(28249)=0.99911454978223
kQ(28249)=0.99822988358655
r1= : 1.5620902908132E-12
rpunto1: = 12613074.2987
rduepunti0 : = -6.2922026454857E+25
fil : = 487.60408145097
fipunto1 : = 5.1186204176781E+18
fi_gradi : = 27937.655940494
t1 : = 1.0808755455818E-14
tpunto1 : = 1.0027657413222
tduepunti0 : = -2.9365423858364E+16
v=v_elettrone : = 14946245.201328
x0= : -1.2360982172675E-12
y0= : -9.5266223433357E-13
*****
i=28250
k(28250)=0.99911558469879
kQ(28250)=0.99823195158801
r1= : 1.5635695356859E-12
rpunto1: = 12605704.309173
rduepunti0 : = -6.2841674963263E+25
fil : = 487.60468175609
fipunto1 : = 5.1089261086456E+18
fi_gradi : = 27937.690335444
t1 : = 1.0808755573421E-14
tpunto1 : = 1.002762305937
tduepunti0 : = -2.9292492839529E+16
v=v_elettrone : = 14935935.085503
x0= : -1.236696812679E-12
y0= : -9.543097349197E-13
*****
i=28251
k(28251)=0.99911661768998
kQ(28251)=0.99823401574427
r1= : 1.5650479162158E-12
rpunto1: = 12598343.723834
rduepunti0 : = -6.2761488295726E+25
fil : = 487.60528092427
fipunto1 : = 5.0992649625113E+18
fi_gradi : = 27937.724665251
t1 : = 1.0808755691023E-14
tpunto1 : = 1.0027588790723
tduepunti0 : = -2.9219840046179E+16
v=v_elettrone : = 14925643.471061
x0= : -1.2372942787908E-12
y0= : -9.5595635914846E-13
*****
i=28252
k(28252)=0.99911764876083
kQ(28252)=0.99823607606537
r1= : 1.5665254335059E-12
rpunto1: = 12590992.523387
rduepunti0 : = -6.2681466156115E+25
fil : = 487.6058789594
fipunto1 : = 5.089636820049E+18
fi_gradi : = 27937.75893014
t1 : = 1.0808755808626E-14
tpunto1 : = 1.0027554606958
tduepunti0 : = -2.9147464054386E+16
v=v_elettrone : = 14915370.298648
x0= : -1.2378906182637E-12
y0= : -9.5760210801042E-13
```

```
*****
i=28253
k(28253)=0.99911867791634
kQ(28253)=0.9982381325613
r1= : 1.5680020886567E-12
rpunto1: = 12583650.688572
rduepunti0 : = -6.2601608247184E+25
fil : = 487.60647586535
fipunto1 : = 5.0800415230104E+18
fi_gradi : = 27937.793130332
t1 : = 1.0808755926228E-14
tpunto1 : = 1.0027520507752
tduepunti0 : = -2.9075363449302E+16
v=v_elettrone : = 14905115.508356
x0= : -1.2384858337485E-12
y0= : -9.5924698249457E-13
*****
i=28254
k(28254)=0.99911970516152
kQ(28254)=0.99824018524203
r1= : 1.5694778827668E-12
rpunto1: = 12576318.200161
rduepunti0 : = -6.2521914270598E+25
fil : = 487.60707164599
fipunto1 : = 5.0704789141173E+18
fi_gradi : = 27937.827266048
t1 : = 1.0808756043829E-14
tpunto1 : = 1.0027486492783
tduepunti0 : = -2.9003536825082E+16
v=v_elettrone : = 14894879.041751
x0= : -1.2390799278863E-12
y0= : -9.6089098358826E-13
*****
i=28255
k(28255)=0.99912073050133
kQ(28255)=0.99824223411751
r1= : 1.5709528169323E-12
rpunto1: = 12568995.038966
rduepunti0 : = -6.2442383926964E+25
fil : = 487.60766630513
fipunto1 : = 5.0609488370545E+18
fi_gradi : = 27937.861337507
t1 : = 1.080875616143E-14
tpunto1 : = 1.0027452561731
tduepunti0 : = -2.8931982784824E+16
v=v_elettrone : = 14884660.839456
x0= : -1.2396729033083E-12
y0= : -9.6253411227734E-13
*****
i=28256
k(28256)=0.99912175394076
kQ(28256)=0.99824427919765
r1= : 1.5724268922469E-12
rpunto1: = 12561681.18583
rduepunti0 : = -6.236301691586E+25
fil : = 487.60825984659
fipunto1 : = 5.0514511364628E+18
fi_gradi : = 27937.895344928
t1 : = 1.0808756279031E-14
tpunto1 : = 1.0027418714279
tduepunti0 : = -2.8860699940496E+16
v=v_elettrone : = 14874460.843574
x0= : -1.240264762636E-12
y0= : -9.6417636954595E-13
```



```
*****
i=28257
k(28257)=0.99912277548475
kQ(28257)=0.99824632049234
r1= : 1.5739001098025E-12
rpunto1: = 12554376.621633
rduepunti0 : = -6.2283812935862E+25
fil : = 487.60885227418
fipunto1 : = 5.0419856579317E+18
fi_gradi : = 27937.929288529
t1 : = 1.0808756396631E-14
tpunto1 : = 1.0027384950111
tduepunti0 : = -2.878968691287E+16
v=v_elettrone : = 14864278.995263
x0= : -1.2408555084814E-12
y0= : -9.658177563768E-13
*****
i=28258
k(28258)=0.99912379513824
kQ(28258)=0.99824835801144
r1= : 1.5753724706882E-12
rpunto1: = 12547081.327291
rduepunti0 : = -6.2204771684576E+25
fil : = 487.60944359167
fipunto1 : = 5.0325522479927E+18
fi_gradi : = 27937.963168525
t1 : = 1.0808756514231E-14
tpunto1 : = 1.0027351268911
tduepunti0 : = -2.8718942331455E+16
v=v_elettrone : = 14854115.237185
x0= : -1.2414451434466E-12
y0= : -9.6745827375087E-13
*****
i=28259
k(28259)=0.99912481290616
kQ(28259)=0.99825039176476
r1= : 1.5768439759914E-12
rpunto1: = 12539795.283754
rduepunti0 : = -6.212589285866E+25
fil : = 487.61003380282
fipunto1 : = 5.023150754112E+18
fi_gradi : = 27937.996985133
t1 : = 1.080875663183E-14
tpunto1 : = 1.0027317670365
tduepunti0 : = -2.8648464834435E+16
v=v_elettrone : = 14843969.511067
x0= : -1.2420336701243E-12
y0= : -9.6909792264769E-13
*****
i=28260
k(28260)=0.99912582879342
kQ(28260)=0.99825242176213
r1= : 1.578314626797E-12
rpunto1: = 12532518.47201
rduepunti0 : = -6.2047176153857E+25
fil : = 487.61062291138
fipunto1 : = 5.0137810246838E+18
fi_gradi : = 27938.030738567
t1 : = 1.0808756749429E-14
tpunto1 : = 1.0027284154164
tduepunti0 : = -2.8578253068599E+16
v=v_elettrone : = 14833841.759722
x0= : -1.2426210910974E-12
y0= : -9.7073670404509E-13
```

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*****
i=28261
k(28261)=0.99912684280491
kQ(28261)=0.99825444801331
r1= : 1.5797844241875E-12
rpunto1: = 12525250.873081
rduepunti0 : = -6.1968621265017E+25
fil : = 487.61121092107
fipunto1 : = 5.0044429090232E+18
fi_gradi : = 27938.064429041
t1 : = 1.0808756867028E-14
tpunto1 : = 1.0027250719995
tduepunti0 : = -2.8508305689276E+16
v=v_elettrone : = 14823731.926273
x0= : -1.2432074089397E-12
y0= : -9.723746189194E-13
*****
i=28262
k(28262)=0.99912785494553
kQ(28262)=0.99825647052805
r1= : 1.5812533692436E-12
rpunto1: = 12517992.468024
rduepunti0 : = -6.1890227886128E+25
fil : = 487.61179783559
fipunto1 : = 4.99513625736E+18
fi_gradi : = 27938.098056766
t1 : = 1.0808756984626E-14
tpunto1 : = 1.0027217367552
tduepunti0 : = -2.8438621360277E+16
v=v_elettrone : = 14813639.952905
x0= : -1.2437926262152E-12
y0= : -9.7401166824539E-13
*****
i=28263
k(28263)=0.99912886522013
kQ(28263)=0.99825848931606
r1= : 1.5827214630433E-12
rpunto1: = 12510743.237935
rduepunti0 : = -6.1811995710339E+25
fil : = 487.61238365865
fipunto1 : = 4.9858609208312E+18
fi_gradi : = 27938.131621954
t1 : = 1.0808757102224E-14
tpunto1 : = 1.0027184096526
tduepunti0 : = -2.8369198753823E+16
v=v_elettrone : = 14803565.783332
x0= : -1.2443767454787E-12
y0= : -9.7564785299612E-13
*****
i=28264
k(28264)=0.99912987363358
kQ(28264)=0.99826050438705
r1= : 1.5841887066629E-12
rpunto1: = 12503503.163944
rduepunti0 : = -6.1733924429984E+25
fil : = 487.6129683939
fipunto1 : = 4.9766167514749E+18
fi_gradi : = 27938.165124817
t1 : = 1.0808757219822E-14
tpunto1 : = 1.0027150906613
tduepunti0 : = -2.830003655049E+16
v=v_elettrone : = 14793509.36157
x0= : -1.2449597692756E-12
y0= : -9.772831741431E-13

```

```
*****
i=28265
k(28265)=0.99913088019071
kQ(28265)=0.99826251575066
r1= : 1.585655101176E-12
rpunto1 : = 12496272.227217
rduepunti0 : = -6.1656013736613E+25
fil : = 487.61355204501
fipunto1 : = 4.9674036022236E+18
fi_gradi : = 27938.198565562
t1 : = 1.0808757337419E-14
tpunto1 : = 1.0027117797509
tduepunti0 : = -2.8231133439139E+16
v=v_elettrone : = 14783470.630722
x0= : -1.245541700142E-12
y0= : -9.7891763265639E-13
*****
i=28266
k(28266)=0.99913188489635
kQ(28266)=0.99826452341654
r1= : 1.5871206476544E-12
rpunto1 : = 12489050.408957
rduepunti0 : = -6.1578263321013E+25
fil : = 487.61413461561
fipunto1 : = 4.9582213268975E+18
fi_gradi : = 27938.231944399
t1 : = 1.0808757455016E-14
tpunto1 : = 1.002708476891
tduepunti0 : = -2.8162488116861E+16
v=v_elettrone : = 14773449.535428
x0= : -1.2461225406047E-12
y0= : -9.8055122950431E-13
*****
i=28267
k(28267)=0.99913288775532
kQ(28267)=0.99826652739429
r1= : 1.5885853471673E-12
rpunto1 : = 12481837.690403
rduepunti0 : = -6.150067287323E+25
fil : = 487.61471610933
fipunto1 : = 4.9490697801979E+18
fi_gradi : = 27938.265261535
t1 : = 1.0808757572612E-14
tpunto1 : = 1.0027051820518
tduepunti0 : = -2.8094099288908E+16
v=v_elettrone : = 14763446.019415
x0= : -1.2467022931813E-12
y0= : -9.8218396565369E-13
*****
i=28268
k(28268)=0.99913388877242
kQ(28268)=0.99826852769349
r1= : 1.590049200782E-12
rpunto1 : = 12474634.052831
rduepunti0 : = -6.14232420826E+25
fil : = 487.61529652977
fipunto1 : = 4.9399488177012E+18
fi_gradi : = 27938.298517176
t1 : = 1.0808757690208E-14
tpunto1 : = 1.0027018952032
tduepunti0 : = -2.802596566864E+16
v=v_elettrone : = 14753460.027558
x0= : -1.2472809603803E-12
y0= : -9.8381584206971E-13
```

```
*****
i=28269
k(28269)=0.99913488795242
kQ(28269)=0.9982705243237
r1= : 1.5915122095635E-12
rpunto1: = 12467439.477554
rduepunti0 : = -6.1345970637768E+25
fil : = 487.61587588051
fipunto1 : = 4.930858295852E+18
fi_gradi : = 27938.331711528
t1 : = 1.0808757807803E-14
tpunto1 : = 1.0026986163154
tduepunti0 : = -2.7958085977459E+16
v=v_elettrone : = 14743491.504638
x0= : -1.247858544701E-12
y0= : -9.8544685971599E-13
*****
i=28270
k(28270)=0.99913588530011
kQ(28270)=0.99827251729444
r1= : 1.5929743745746E-12
rpunto1: = 12460253.945919
rduepunti0 : = -6.126885822671E+25
fil : = 487.61645416513
fipunto1 : = 4.9217980719572E+18
fi_gradi : = 27938.364844796
t1 : = 1.0808757925399E-14
tpunto1 : = 1.0026953453588
tduepunti0 : = -2.789045894475E+16
v=v_elettrone : = 14733540.395774
x0= : -1.2484350486336E-12
y0= : -9.870770195546E-13
*****
i=28271
k(28271)=0.99913688082024
kQ(28271)=0.9982745066152
r1= : 1.594435696876E-12
rpunto1: = 12453077.439312
rduepunti0 : = -6.1191904536762E+25
fil : = 487.61703138718
fipunto1 : = 4.9127680041794E+18
fi_gradi : = 27938.397917183
t1 : = 1.0808758042993E-14
tpunto1 : = 1.0026920823039
tduepunti0 : = -2.7823083307825E+16
v=v_elettrone : = 14723606.646416
x0= : -1.2490104746594E-12
y0= : -9.88706322546E-13
*****
i=28272
k(28272)=0.99913787451755
kQ(28272)=0.99827649229545
r1= : 1.595896177526E-12
rpunto1: = 12445909.939156
rduepunti0 : = -6.1115109254637E+25
fil : = 487.61760755019
fipunto1 : = 4.9037679515309E+18
fi_gradi : = 27938.430928892
t1 : = 1.0808758160588E-14
tpunto1 : = 1.0026888271215
tduepunti0 : = -2.775595781186E+16
v=v_elettrone : = 14713690.201529
x0= : -1.2495848252505E-12
y0= : -9.9033476964913E-13
```

```
*****
i=28273
k(28273)=0.99913886639678
kQ(28273)=0.99827847434464
r1= : 1.597355817581E-12
rpunto1 : = 12438751.426909
rduepunti0 : = -6.103847206645E+25
fil : = 487.61818265769
fipunto1 : = 4.8947977738675E+18
fi_gradi : = 27938.463880125
t1 : = 1.0808758278182E-14
tpunto1 : = 1.0026855797822
tduepunti0 : = -2.7689081209839E+16
v=v_elettrone : = 14703791.007239
x0= : -1.2501581028703E-12
y0= : -9.9196236182125E-13
*****
i=28274
k(28274)=0.99913985646264
kQ(28274)=0.99828045277218
r1= : 1.598814618095E-12
rpunto1 : = 12431601.884068
rduepunti0 : = -6.0961992657739E+25
fil : = 487.61875671317
fipunto1 : = 4.885857331882E+18
fi_gradi : = 27938.496771081
t1 : = 1.0808758395776E-14
tpunto1 : = 1.0026823402571
tduepunti0 : = -2.7622452262494E+16
v=v_elettrone : = 14693909.009611
x0= : -1.250730309973E-12
y0= : -9.9358910001808E-13
*****
i=28275
k(28275)=0.99914084471983
kQ(28275)=0.99828242758746
r1= : 1.60027258012E-12
rpunto1 : = 12424461.292164
rduepunti0 : = -6.0885670713489E+25
fil : = 487.61932972014
fipunto1 : = 4.876946487099E+18
fi_gradi : = 27938.529601962
t1 : = 1.0808758513369E-14
tpunto1 : = 1.0026791085172
tduepunti0 : = -2.755606973825E+16
v=v_elettrone : = 14684044.154654
x0= : -1.2513014490042E-12
y0= : -9.9521498519379E-13
*****
i=28276
k(28276)=0.99914183117305
kQ(28276)=0.99828439879984
r1= : 1.6017297047057E-12
rpunto1 : = 12417329.632767
rduepunti0 : = -6.0809505918148E+25
fil : = 487.61990168205
fipunto1 : = 4.8680651018678E+18
fi_gradi : = 27938.562372966
t1 : = 1.0808758630962E-14
tpunto1 : = 1.0026758845339
tduepunti0 : = -2.7489932413169E+16
v=v_elettrone : = 14674196.389122
x0= : -1.2518715224007E-12
y0= : -9.9684001830092E-13
```

```
*****
i=28277
k(28277)=0.99914281582697
kQ(28277)=0.99828636641864
r1= : 1.6031859928997E-12
rpunto1: = 12410206.887486
rduepunti0 : = -6.0733497955656E+25
fil : = 487.62047260236
fipunto1 : = 4.8592130393573E+18
fi_gradi : = 27938.59508429
t1 : = 1.0808758748554E-14
tpunto1 : = 1.0026726682784
tduepunti0 : = -2.7424039070888E+16
v=v_elettrone : = 14664365.659326
x0= : -1.2524405325902E-12
y0= : -9.9846420029049E-13
*****
i=28278
k(28278)=0.99914379868624
kQ(28278)=0.99828833045318
r1= : 1.6046414457474E-12
rpunto1: = 12403093.037963
rduepunti0 : = -6.0657646509458E+25
fil : = 487.62104248452
fipunto1 : = 4.8503901635497E+18
fi_gradi : = 27938.627736132
t1 : = 1.0808758866146E-14
tpunto1 : = 1.0026694597224
tduepunti0 : = -2.7358388502571E+16
v=v_elettrone : = 14654551.912743
x0= : -1.2530084819921E-12
y0= : -1.0000875321119E-12
*****
i=28279
k(28279)=0.99914477975553
kQ(28279)=0.99829029091273
r1= : 1.6060960642922E-12
rpunto1: = 12395988.065879
rduepunti0 : = -6.0581951262529E+25
fil : = 487.62161133194
fipunto1 : = 4.8415963392347E+18
fi_gradi : = 27938.660328689
t1 : = 1.0808758983738E-14
tpunto1 : = 1.0026662588374
tduepunti0 : = -2.7292979506847E+16
v=v_elettrone : = 14644755.095989
x0= : -1.2535753730168E-12
y0= : -1.0017100147129E-12
*****
i=28280
k(28280)=0.99914575903946
kQ(28280)=0.99829224780654
r1= : 1.6075498495751E-12
rpunto1: = 12388891.952953
rduepunti0 : = -6.0506411897392E+25
fil : = 487.62217914803
fipunto1 : = 4.8328314320037E+18
fi_gradi : = 27938.692862154
t1 : = 1.080875910133E-14
tpunto1 : = 1.0026630655953
tduepunti0 : = -2.7227810889758E+16
v=v_elettrone : = 14634975.156876
x0= : -1.2541412080663E-12
y0= : -1.0033316490399E-12
```

```
*****
i=28281
k(28281)=0.99914673654266
kQ(28281)=0.99829420114384
r1= : 1.6090028026352E-12
rpunto1 : = 12381804.680942
rduepunti0 : = -6.0431028096139E+25
fil : = 487.62274593619
fipunto1 : = 4.8240953082439E+18
fi_gradi : = 27938.725336724
t1 : = 1.0808759218921E-14
tpunto1 : = 1.0026598799681
tduepunti0 : = -2.7162881464705E+16
v=v_elettrone : = 14625212.04275
x0= : -1.2547059895336E-12
y0= : -1.0049524360374E-12
*****
i=28282
k(28282)=0.99914771226972
kQ(28282)=0.99829615093382
r1= : 1.6104549245093E-12
rpunto1 : = 12374726.231637
rduepunti0 : = -6.0355799540449E+25
fil : = 487.62331169978
fipunto1 : = 4.815387835133E+18
fi_gradi : = 27938.75775259
t1 : = 1.0808759336511E-14
tpunto1 : = 1.0026567019277
tduepunti0 : = -2.7098190052391E+16
v=v_elettrone : = 14615465.701756
x0= : -1.2552697198037E-12
y0= : -1.0065723766486E-12
*****
i=28283
k(28283)=0.99914868622526
kQ(28283)=0.99829809718566
r1= : 1.6119062162321E-12
rpunto1 : = 12367656.586869
rduepunti0 : = -6.0280725911609E+25
fil : = 487.62387644217
fipunto1 : = 4.8067088806329E+18
fi_gradi : = 27938.790109945
t1 : = 1.0808759454101E-14
tpunto1 : = 1.0026535314466
tduepunti0 : = -2.7033735480772E+16
v=v_elettrone : = 14605736.082006
x0= : -1.2558324012525E-12
y0= : -1.008191471815E-12
*****
i=28284
k(28284)=0.99914965841384
kQ(28284)=0.99830003990849
r1= : 1.6133566788361E-12
rpunto1 : = 12360595.728505
rduepunti0 : = -6.0205806890532E+25
fil : = 487.62444016671
fipunto1 : = 4.7980583134847E+18
fi_gradi : = 27938.822408982
t1 : = 1.0808759571691E-14
tpunto1 : = 1.0026503684969
tduepunti0 : = -2.6969516584998E+16
v=v_elettrone : = 14596023.131577
x0= : -1.2563940362479E-12
y0= : -1.0098097224766E-12
```

```
*****
i=28285
k(28285)=0.99915062884003
kQ(28285)=0.99830197911143
r1= : 1.614806313352E-12
rpunto1: = 12353543.638453
rduepunti0 : = -6.0131042157774E+25
fil : = 487.62500287672
fipunto1 : = 4.7894360032027E+18
fi_gradi : = 27938.854649891
t1 : = 1.0808759689281E-14
tpunto1 : = 1.0026472130512
tduepunti0 : = -2.6905532207368E+16
v=v_elettrone : = 14586326.799347
x0= : -1.2569546271491E-12
y0= : -1.0114271295717E-12
*****
i=28286
k(28286)=0.9991515975084
kQ(28286)=0.99830391480358
r1= : 1.6162551208079E-12
rpunto1: = 12346500.298653
rduepunti0 : = -6.0056431393555E+25
fil : = 487.62556457552
fipunto1 : = 4.780841820069E+18
fi_gradi : = 27938.886832861
t1 : = 1.080875980687E-14
tpunto1 : = 1.0026440650822
tduepunti0 : = -2.6841781197271E+16
v=v_elettrone : = 14576647.033766
x0= : -1.2575141763068E-12
y0= : -1.0130436940373E-12
*****
i=28287
k(28287)=0.99915256442347
kQ(28287)=0.99830584699399
r1= : 1.6177031022302E-12
rpunto1: = 12339465.691086
rduepunti0 : = -5.9981974277775E+25
fil : = 487.6261252664
fipunto1 : = 4.7722756351283E+18
fi_gradi : = 27938.918958082
t1 : = 1.0808759924459E-14
tpunto1 : = 1.0026409245626
tduepunti0 : = -2.6778262411136E+16
v=v_elettrone : = 14566983.78366
x0= : -1.2580726860638E-12
y0= : -1.0146594168085E-12
*****
i=28288
k(28288)=0.99915352958977
kQ(28288)=0.9983077756917
r1= : 1.6191502586428E-12
rpunto1: = 12332439.79777
rduepunti0 : = -5.9907670490032E+25
fil : = 487.62668495265
fipunto1 : = 4.7637373201818E+18
fi_gradi : = 27938.951025742
t1 : = 1.0808760042047E-14
tpunto1 : = 1.0026377914653
tduepunti0 : = -2.6714974712382E+16
v=v_elettrone : = 14557336.998687
x0= : -1.258630158754E-12
y0= : -1.0162742988189E-12
```



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*****
i=28289
k(28289)=0.99915449301183
kQ(28289)=0.99830970090572
r1= : 1.6205965910679E-12
rpunto1 : = 12325422.600761
rduepunti0 : = -5.9833519709641E+25
fil : = 487.62724363754
fipunto1 : = 4.7552267477825E+18
fi_gradi : = 27938.983036028
t1 : = 1.0808760159635E-14
tpunto1 : = 1.0026346657633
tduepunti0 : = -2.6651916971367E+16
v=v_elettrone : = 14547706.628064
x0= : -1.2591865967036E-12
y0= : -1.0178883410007E-12
*****
i=28290
k(28290)=0.99915545469413
kQ(28290)=0.99831162264503
r1= : 1.6220421005253E-12
rpunto1 : = 12318414.082152
rduepunti0 : = -5.975952161565E+25
fil : = 487.62780132432
fipunto1 : = 4.7467437912296E+18
fi_gradi : = 27939.014989127
t1 : = 1.0808760277223E-14
tpunto1 : = 1.0026315474298
tduepunti0 : = -2.6589088065337E+16
v=v_elettrone : = 14538092.621419
x0= : -1.25974200223E-12
y0= : -1.0195015442845E-12
*****
i=28291
k(28291)=0.99915641464117
kQ(28291)=0.99831354091859
r1= : 1.6234867880327E-12
rpunto1 : = 12311414.224073
rduepunti0 : = -5.9685675886854E+25
fil : = 487.62835801623
fipunto1 : = 4.7382883245631E+18
fi_gradi : = 27939.046885224
t1 : = 1.080876039481E-14
tpunto1 : = 1.002628436438
tduepunti0 : = -2.6526486878375E+16
v=v_elettrone : = 14528494.928784
x0= : -1.2602963776429E-12
y0= : -1.0211139095991E-12
*****
i=28292
k(28292)=0.99915737285741
kQ(28292)=0.99831545573532
r1= : 1.624930654606E-12
rpunto1 : = 12304423.008694
rduepunti0 : = -5.9611982201819E+25
fil : = 487.62891371649
fipunto1 : = 4.7298602225585E+18
fi_gradi : = 27939.078724504
t1 : = 1.0808760512397E-14
tpunto1 : = 1.0026253327615
tduepunti0 : = -2.6464112301353E+16
v=v_elettrone : = 14518913.499772
x0= : -1.2608497252435E-12
y0= : -1.022725437872E-12

```

```
*****
i=28293
k(28293)=0.99915832934732
kQ(28293)=0.99831736710414
r1= : 1.6263737012587E-12
rpunto1: = 12297440.41822
rduepunti0 : = -5.9538440238889E+25
fil : = 487.62946842832
fipunto1 : = 4.7214593607219E+18
fi_gradi : = 27939.11050715
t1 : = 1.0808760629984E-14
tpunto1 : = 1.0026222363738
tduepunti0 : = -2.6401963231882E+16
v=v_elettrone : = 14509348.285671
x0= : -1.261402047325E-12
y0= : -1.0243361300289E-12
*****
i=28294
k(28294)=0.99915928411536
kQ(28294)=0.99831927503391
r1= : 1.6278159290022E-12
rpunto1: = 12290466.434895
rduepunti0 : = -5.946504967621E+25
fil : = 487.6300221549
fipunto1 : = 4.7130856152845E+18
fi_gradi : = 27939.142233347
t1 : = 1.080876074757E-14
tpunto1 : = 1.0026191472485
tduepunti0 : = -2.6340038574262E+16
v=v_elettrone : = 14499799.23567
x0= : -1.2619533461725E-12
y0= : -1.0259459869944E-12
*****
i=28295
k(28295)=0.99916023716594
kQ(28295)=0.99832117953349
r1= : 1.6292573388462E-12
rpunto1: = 12283501.041001
rduepunti0 : = -5.9391810191742E+25
fil : = 487.63057489942
fipunto1 : = 4.7047388631978E+18
fi_gradi : = 27939.173903275
t1 : = 1.0808760865156E-14
tpunto1 : = 1.0026160653594
tduepunti0 : = -2.6278337239436E+16
v=v_elettrone : = 14490266.301476
x0= : -1.2625036240632E-12
y0= : -1.0275550096909E-12
*****
i=28296
k(28296)=0.99916118850349
kQ(28296)=0.9983230806117
r1= : 1.6306979317978E-12
rpunto1: = 12276544.218857
rduepunti0 : = -5.9318721463276E+25
fil : = 487.63112666505
fipunto1 : = 4.6964189821281E+18
fi_gradi : = 27939.205517117
t1 : = 1.0808760982741E-14
tpunto1 : = 1.0026129906806
tduepunti0 : = -2.6216858144942E+16
v=v_elettrone : = 14480749.433976
x0= : -1.263052883266E-12
y0= : -1.0291631990396E-12
```

```

*****
i=28297
k(28297)=0.99916213813242
kQ(28297)=0.99832497827734
r1= : 1.6321377088624E-12
rpunto1 : = 12269595.950822
rduepunti0 : = -5.9245783168446E+25
fil : = 487.63167745493
fipunto1 : = 4.6881258504518E+18
fi_gradi : = 27939.237075052
t1 : = 1.0808761100327E-14
tpunto1 : = 1.0026099231859
tduepunti0 : = -2.6155600214861E+16
v=v_elettrone : = 14471248.583631
x0= : -1.2636011260422E-12
y0= : -1.0307705559602E-12
*****
i=28298
k(28298)=0.99916308605712
kQ(28298)=0.99832687253918
r1= : 1.6335766710432E-12
rpunto1 : = 12262656.21929
rduepunti0 : = -5.9172994984749E+25
fil : = 487.63222727221
fipunto1 : = 4.6798593472504E+18
fi_gradi : = 27939.268577262
t1 : = 1.0808761217911E-14
tpunto1 : = 1.0026068628498
tduepunti0 : = -2.6094562379775E+16
v=v_elettrone : = 14461763.702195
x0= : -1.2641483546448E-12
y0= : -1.0323770813707E-12
*****
i=28299
k(28299)=0.99916403228197
kQ(28299)=0.99832876340598
r1= : 1.6350148193414E-12
rpunto1 : = 12255725.006693
rduepunti0 : = -5.9100356589559E+25
fil : = 487.63277611999
fipunto1 : = 4.6716193523053E+18
fi_gradi : = 27939.300023923
t1 : = 1.0808761335496E-14
tpunto1 : = 1.0026038096463
tduepunti0 : = -2.6033743576719E+16
v=v_elettrone : = 14452294.74142
x0= : -1.2646945713192E-12
y0= : -1.0339827761875E-12
*****
i=28300
k(28300)=0.99916497681135
kQ(28300)=0.99833065088643
r1= : 1.636452154756E-12
rpunto1 : = 12248802.295504
rduepunti0 : = -5.9027867660136E+25
fil : = 487.63332400141
fipunto1 : = 4.663405746093E+18
fi_gradi : = 27939.331415216
t1 : = 1.080876145308E-14
tpunto1 : = 1.0026007635501
tduepunti0 : = -2.5973142749133E+16
v=v_elettrone : = 14442841.652666
x0= : -1.2652397783028E-12
y0= : -1.0355876413256E-12

```

```
*****
i=28301
k(28301)=0.99916591964961
kQ(28301)=0.99833253498925
r1= : 1.6378886782841E-12
rpunto1: = 12241888.06823
rduepunti0 : = -5.8955527873649E+25
fil : = 487.63387091954
fipunto1 : = 4.6552184097803E+18
fi_gradi : = 27939.362751317
t1 : = 1.0808761570664E-14
tpunto1 : = 1.0025977245356
tduepunti0 : = -2.5912758846815E+16
v=v_elettrone : = 14433404.388584
x0= : -1.2657839778252E-12
y0= : -1.0371916776983E-12
*****
i=28302
k(28302)=0.99916686080109
kQ(28302)=0.9983344157231
r1= : 1.6393243909207E-12
rpunto1: = 12234982.307419
rduepunti0 : = -5.8883336907182E+25
fil : = 487.63441687747
fipunto1 : = 4.6470572252194E+18
fi_gradi : = 27939.394032402
t1 : = 1.0808761688247E-14
tpunto1 : = 1.0025946925775
tduepunti0 : = -2.585259082588E+16
v=v_elettrone : = 14423982.900579
x0= : -1.2663271721083E-12
y0= : -1.0387948862174E-12
*****
i=28303
k(28303)=0.99916780027012
kQ(28303)=0.99833629309662
r1= : 1.6407592936586E-12
rpunto1: = 12228084.995654
rduepunti0 : = -5.8811294437756E+25
fil : = 487.63496187827
fipunto1 : = 4.638922074943E+18
fi_gradi : = 27939.425258648
t1 : = 1.080876180583E-14
tpunto1 : = 1.0025916676507
tduepunti0 : = -2.579263764871E+16
v=v_elettrone : = 14414577.141351
x0= : -1.2668693633661E-12
y0= : -1.0403972677933E-12
*****
i=28304
k(28304)=0.99916873806101
kQ(28304)=0.99833816711843
r1= : 1.6421933874889E-12
rpunto1: = 12221196.115558
rduepunti0 : = -5.8739400142335E+25
fil : = 487.63550592499
fipunto1 : = 4.63081284216E+18
fi_gradi : = 27939.456430229
t1 : = 1.0808761923412E-14
tpunto1 : = 1.00258864973
tduepunti0 : = -2.5732898283913E+16
v=v_elettrone : = 14405187.06363
x0= : -1.2674105538052E-12
y0= : -1.0419988233345E-12
```

```
*****
i=28305
k(28305)=0.99916967417808
kQ(28305)=0.99834003779712
r1= : 1.6436266734002E-12
rpunto1: = 12214315.649792
rduepunti0 : = -5.8667653697843E+25
fil : = 487.63604902067
fipunto1 : = 4.6227294107499E+18
fi_gradi : = 27939.487547319
t1 : = 1.0808762040995E-14
tpunto1 : = 1.0025856387905
tduepunti0 : = -2.5673371706273E+16
v=v_elettrone : = 14395812.61977
x0= : -1.267950745624E-12
y0= : -1.0435995537483E-12
*****
i=28306
k(28306)=0.9991706086256
kQ(28306)=0.99834190514125
r1= : 1.6450591523796E-12
rpunto1: = 12207443.581053
rduepunti0 : = -5.859605478118E+25
fil : = 487.63659116834
fipunto1 : = 4.614671665259E+18
fi_gradi : = 27939.518610092
t1 : = 1.0808762158577E-14
tpunto1 : = 1.0025826348074
tduepunti0 : = -2.5614056896712E+16
v=v_elettrone : = 14386453.763411
x0= : -1.2684899410139E-12
y0= : -1.0451994599402E-12
*****
i=28307
k(28307)=0.99917154140787
kQ(28307)=0.99834376915937
r1= : 1.6464908254117E-12
rpunto1: = 12200579.892077
rduepunti0 : = -5.852460306923E+25
fil : = 487.637132371
fipunto1 : = 4.6066394908954E+18
fi_gradi : = 27939.549618721
t1 : = 1.0808762276158E-14
tpunto1 : = 1.0025796377559
tduepunti0 : = -2.5554952842243E+16
v=v_elettrone : = 14377110.446981
x0= : -1.2690281421583E-12
y0= : -1.0467985428143E-12
*****
i=28308
k(28308)=0.99917247252913
kQ(28308)=0.99834562985998
r1= : 1.6479216934793E-12
rpunto1: = 12193724.565639
rduepunti0 : = -5.8453298238876E+25
fil : = 487.63767263166
fipunto1 : = 4.5986327735243E+18
fi_gradi : = 27939.580573376
t1 : = 1.080876239374E-14
tpunto1 : = 1.0025766476115
tduepunti0 : = -2.5496058535928E+16
v=v_elettrone : = 14367782.624633
x0= : -1.269565351233E-12
y0= : -1.0483968032732E-12
```

```
*****
i=28309
k(28309)=0.99917340199366
kQ(28309)=0.99834748725158
r1= : 1.6493517575632E-12
rpunto1 : = 12186877.584549
rduepunti0 : = -5.8382139967014E+25
fil : = 487.6382119533
fipunto1 : = 4.5906513996635E+18
fi_gradi : = 27939.61147423
t1 : = 1.080876251132E-14
tpunto1 : = 1.0025736643496
tduepunti0 : = -2.543737297683E+16
v=v_elettrone : = 14358470.249305
x0= : -1.2701015704066E-12
y0= : -1.0499942422178E-12
*****
i=28310
k(28310)=0.99917432980568
kQ(28310)=0.99834934134263
r1= : 1.6507810186421E-12
rpunto1 : = 12180038.931659
rduepunti0 : = -5.8311127930564E+25
fil : = 487.6387503389
fipunto1 : = 4.582695256479E+18
fi_gradi : = 27939.642321453
t1 : = 1.0808762628901E-14
tpunto1 : = 1.0025706879459
tduepunti0 : = -2.537889516998E+16
v=v_elettrone : = 14349173.274825
x0= : -1.2706368018399E-12
y0= : -1.0515908605475E-12
*****
i=28311
k(28311)=0.99917525596943
kQ(28311)=0.99835119214157
r1= : 1.6522094776928E-12
rpunto1 : = 12173208.589855
rduepunti0 : = -5.8240261806482E+25
fil : = 487.63928779141
fipunto1 : = 4.5747642317804E+18
fi_gradi : = 27939.673115213
t1 : = 1.0808762746481E-14
tpunto1 : = 1.0025677183762
tduepunti0 : = -2.5320624126324E+16
v=v_elettrone : = 14339891.655499
x0= : -1.2711710476864E-12
y0= : -1.0531866591603E-12
*****
i=28312
k(28312)=0.99917618048911
kQ(28312)=0.9983530396568
r1= : 1.6536371356899E-12
rpunto1 : = 12166386.542063
rduepunti0 : = -5.8169541271771E+25
fil : = 487.63982431378
fipunto1 : = 4.5668582140165E+18
fi_gradi : = 27939.703855681
t1 : = 1.0808762864061E-14
tpunto1 : = 1.0025647556163
tduepunti0 : = -2.526255886269E+16
v=v_elettrone : = 14330625.345683
x0= : -1.2717043100921E-12
y0= : -1.0547816389524E-12
```

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*****
i=28313
k(28313)=0.99917710336893
kQ(28313)=0.99835488389673
r1= : 1.6550639936061E-12
rpunto1 : = 12159572.771246
rduepunti0 : = -5.8098966003498E+25
fil : = 487.64035990895
fipunto1 : = 4.5589770922706E+18
fi_gradi : = 27939.734543023
t1 : = 1.080876298164E-14
tpunto1 : = 1.0025617996422
tduepunti0 : = -2.5204698401738E+16
v=v_elettrone : = 14321374.298953
x0= : -1.2722365911957E-12
y0= : -1.0563758008187E-12
*****
i=28314
k(28314)=0.99917802461308
kQ(28314)=0.9983567248697
r1= : 1.6564900524122E-12
rpunto1 : = 12152767.260406
rduepunti0 : = -5.8028535678798E+25
fil : = 487.64089457982
fipunto1 : = 4.5511207562567E+18
fi_gradi : = 27939.765177408
t1 : = 1.080876309922E-14
tpunto1 : = 1.00255885043
tduepunti0 : = -2.5147041771926E+16
v=v_elettrone : = 14312138.47063
x0= : -1.2727678931284E-12
y0= : -1.0579691456525E-12
*****
i=28315
k(28315)=0.99917894422574
kQ(28315)=0.99835856258406
r1= : 1.6579153130768E-12
rpunto1 : = 12145969.992581
rduepunti0 : = -5.7958249974892E+25
fil : = 487.64142832932
fipunto1 : = 4.5432890963145E+18
fi_gradi : = 27939.795759001
t1 : = 1.0808763216798E-14
tpunto1 : = 1.0025559079559
tduepunti0 : = -2.5089588007466E+16
v=v_elettrone : = 14302917.814832
x0= : -1.2732982180144E-12
y0= : -1.0595616743455E-12
*****
i=28316
k(28316)=0.99917986221106
kQ(28316)=0.99836039704811
r1= : 1.6593397765668E-12
rpunto1 : = 12139180.950848
rduepunti0 : = -5.7888108569095E+25
fil : = 487.64196116033
fipunto1 : = 4.5354820034056E+18
fi_gradi : = 27939.826287969
t1 : = 1.0808763334377E-14
tpunto1 : = 1.0025529721963
tduepunti0 : = -2.5032336148281E+16
v=v_elettrone : = 14293712.286592
x0= : -1.2738275679702E-12
y0= : -1.061153387788E-12

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```
*****
i=28317
k(28317)=0.9991807785732
kQ(28317)=0.99836222827015
r1= : 1.6607634438468E-12
rpunto1 : = 12132400.118323
rduepunti0 : = -5.78181111138827E+25
fil : = 487.64249307573
fipunto1 : = 4.527699369109E+18
fi_gradi : = 27939.856764477
t1 : = 1.0808763451955E-14
tpunto1 : = 1.0025500431275
tduepunti0 : = -2.4975285239969E+16
v=v_elettrone : = 14284521.841433
x0= : -1.2743559451053E-12
y0= : -1.0627442868685E-12
*****
i=28318
k(28318)=0.99918169331631
kQ(28318)=0.99836405625844
r1= : 1.6621863158797E-12
rpunto1 : = 12125627.478158
rduepunti0 : = -5.7748257361625E+25
fil : = 487.6430240784
fipunto1 : = 4.5199410856168E+18
fi_gradi : = 27939.887188688
t1 : = 1.0808763569533E-14
tpunto1 : = 1.002547120726
tduepunti0 : = -2.491843433376E+16
v=v_elettrone : = 14275346.434522
x0= : -1.274883351522E-12
y0= : -1.0643343724742E-12
*****
i=28319
k(28319)=0.99918260644449
kQ(28319)=0.99836588102121
r1= : 1.6636083936262E-12
rpunto1 : = 12118863.013542
rduepunti0 : = -5.7678546915154E+25
fil : = 487.64355417118
fipunto1 : = 4.5122070457299E+18
fi_gradi : = 27939.917560768
t1 : = 1.080876368711E-14
tpunto1 : = 1.0025442049687
tduepunti0 : = -2.4861782486477E+16
v=v_elettrone : = 14266186.021111
x0= : -1.2754097893153E-12
y0= : -1.0659236454909E-12
*****
i=28320
k(28320)=0.99918351796188
kQ(28320)=0.99836770256668
r1= : 1.665029678045E-12
rpunto1 : = 12112106.707705
rduepunti0 : = -5.7608979477215E+25
fil : = 487.64408335693
fipunto1 : = 4.5044971428543E+18
fi_gradi : = 27939.947880878
t1 : = 1.0808763804687E-14
tpunto1 : = 1.0025412958321
tduepunti0 : = -2.4805328760498E+16
v=v_elettrone : = 14257040.556936
x0= : -1.275935260573E-12
y0= : -1.0675121068025E-12
```



```
*****
i=28321
k(28321)=0.99918442787257
kQ(28321)=0.99836952090303
r1= : 1.6664501700932E-12
rpunto1 : = 12105358.543912
rduepunti0 : = -5.753955472576E+25
fil : = 487.64461163847
fipunto1 : = 4.4968112709965E+18
fi_gradi : = 27939.97814918
t1 : = 1.0808763922264E-14
tpunto1 : = 1.0025383932933
tduepunti0 : = -2.4749072223714E+16
v=v_elettrone : = 14247909.997833
x0= : -1.2764597673761E-12
y0= : -1.0690997572916E-12
*****
i=28322
k(28322)=0.99918533618065
kQ(28322)=0.99837133603844
r1= : 1.6678698707256E-12
rpunto1 : = 12098618.505466
rduepunti0 : = -5.7470272338897E+25
fil : = 487.64513901862
fipunto1 : = 4.4891493247595E+18
fi_gradi : = 27940.008365837
t1 : = 1.080876403984E-14
tpunto1 : = 1.0025354973291
tduepunti0 : = -2.4693011949496E+16
v=v_elettrone : = 14238794.300126
x0= : -1.2769833117982E-12
y0= : -1.0706865978393E-12
*****
i=28323
k(28323)=0.9991862428902
kQ(28323)=0.99837314798103
r1= : 1.669288780895E-12
rpunto1 : = 12091886.57571
rduepunti0 : = -5.7401131994903E+25
fil : = 487.64566550018
fipunto1 : = 4.4815111993388E+18
fi_gradi : = 27940.038531009
t1 : = 1.0808764157416E-14
tpunto1 : = 1.0025326079167
tduepunti0 : = -2.4637147016647E+16
v=v_elettrone : = 14229693.419809
x0= : -1.2775058959059E-12
y0= : -1.0722726293251E-12
*****
i=28324
k(28324)=0.99918714800528
kQ(28324)=0.99837495673892
r1= : 1.6707069015525E-12
rpunto1 : = 12085162.738022
rduepunti0 : = -5.7332133372234E+25
fil : = 487.64619108596
fipunto1 : = 4.4738967905182E+18
fi_gradi : = 27940.068644856
t1 : = 1.0808764274992E-14
tpunto1 : = 1.0025297250332
tduepunti0 : = -2.4581476509376E+16
v=v_elettrone : = 14220607.313389
x0= : -1.2780275217588E-12
y0= : -1.0738578526271E-12
```

```
*****
i=28325
k(28325)=0.99918805152994
kQ(28325)=0.9983767623202
r1= : 1.6721242336471E-12
rpunto1: = 12078446.97582
rduepunti0 : = -5.7263276149533E+25
fil : = 487.64671577873
fipunto1 : = 4.4663059946661E+18
fi_gradi : = 27940.098707537
t1 : = 1.0808764392567E-14
tpunto1 : = 1.0025268486561
tduepunti0 : = -2.4525999517249E+16
v=v_elettrone : = 14211535.937456
x0= : -1.2785481914097E-12
y0= : -1.0754422686217E-12
*****
i=28326
k(28326)=0.99918895346823
kQ(28326)=0.99837856473293
r1= : 1.6735407781259E-12
rpunto1: = 12071739.272557
rduepunti0 : = -5.719456000564E+25
fil : = 487.64723958126
fipunto1 : = 4.4587387087312E+18
fi_gradi : = 27940.128719211
t1 : = 1.0808764510142E-14
tpunto1 : = 1.0025239787626
tduepunti0 : = -2.4470715135159E+16
v=v_elettrone : = 14202479.248268
x0= : -1.2790679069041E-12
y0= : -1.0770258781839E-12
*****
i=28327
k(28327)=0.99918985382417
kQ(28327)=0.99838036398516
r1= : 1.6749565359341E-12
rpunto1: = 12065039.611725
rduepunti0 : = -5.7125984619604E+25
fil : = 487.64776249631
fipunto1 : = 4.4511948302386E+18
fi_gradi : = 27940.158680037
t1 : = 1.0808764627717E-14
tpunto1 : = 1.0025211153303
tduepunti0 : = -2.4415622463286E+16
v=v_elettrone : = 14193437.203462
x0= : -1.279586670281E-12
y0= : -1.0786086821872E-12
*****
i=28328
k(28328)=0.99919075260178
kQ(28328)=0.99838216008491
r1= : 1.6763715080147E-12
rpunto1: = 12058347.976855
rduepunti0 : = -5.7057549670687E+25
fil : = 487.64828452662
fipunto1 : = 4.4436742572861E+18
fi_gradi : = 27940.18859017
t1 : = 1.0808764745292E-14
tpunto1 : = 1.0025182583368
tduepunti0 : = -2.4360720607059E+16
v=v_elettrone : = 14184409.759908
x0= : -1.2801044835721E-12
y0= : -1.0801906815034E-12
```

```
*****
i=28329
k(28329)=0.99919164980506
kQ(28329)=0.99838395304016
r1= : 1.6777856953092E-12
rpunto1 : = 12051664.351514
rduepunti0 : = -5.6989254838378E+25
fil : = 487.64880567493
fipunto1 : = 4.4361768885402E+18
fi_gradi : = 27940.218449769
t1 : = 1.0808764862866E-14
tpunto1 : = 1.0025154077599
tduepunti0 : = -2.4306008677124E+16
v=v_elettrone : = 14175396.875018
x0= : -1.2806213488025E-12
y0= : -1.0817718770031E-12
*****
i=28330
k(28330)=0.99919254543801
kQ(28330)=0.99838574285889
r1= : 1.6791990987568E-12
rpunto1 : = 12044988.719306
rduepunti0 : = -5.6921099802399E+25
fil : = 487.64932594396
fipunto1 : = 4.428702623232E+18
fi_gradi : = 27940.248258989
t1 : = 1.0808764980439E-14
tpunto1 : = 1.0025125635773
tduepunti0 : = -2.4251485789302E+16
v=v_elettrone : = 14166398.505862
x0= : -1.2811372679903E-12
y0= : -1.0833522695552E-12
*****
i=28331
k(28331)=0.9991934395046
kQ(28331)=0.99838752954903
r1= : 1.680611719295E-12
rpunto1 : = 12038321.063874
rduepunti0 : = -5.6853084242716E+25
fil : = 487.64984533642
fipunto1 : = 4.4212513611538E+18
fi_gradi : = 27940.278017984
t1 : = 1.0808765098013E-14
tpunto1 : = 1.002509725767
tduepunti0 : = -2.4197151064555E+16
v=v_elettrone : = 14157414.610477
x0= : -1.281652243147E-12
y0= : -1.0849318600271E-12
*****
i=28332
k(28332)=0.9991943320088
kQ(28332)=0.99838931311851
r1= : 1.6820235578593E-12
rpunto1 : = 12031661.368898
rduepunti0 : = -5.6785207839543E+25
fil : = 487.650363855
fipunto1 : = 4.4138230026551E+18
fi_gradi : = 27940.307726911
t1 : = 1.0808765215586E-14
tpunto1 : = 1.0025068943071
tduepunti0 : = -2.4143003628953E+16
v=v_elettrone : = 14148445.146586
x0= : -1.2821662762772E-12
y0= : -1.0865106492848E-12
```

```
*****
i=28333
k(28333)=0.99919522295457
kQ(28333)=0.99839109357523
r1= : 1.6834346153832E-12
rpunto1 : = 12025009.618095
rduepunti0 : = -5.6717470273357E+25
fil : = 487.6508815024
fipunto1 : = 4.4064174486387E+18
fi_gradi : = 27940.337385922
t1 : = 1.0808765333158E-14
tpunto1 : = 1.0025040691757
tduepunti0 : = -2.4089042613637E+16
v=v_elettrone : = 14139490.072436
x0= : -1.2826793693788E-12
y0= : -1.0880886381925E-12
*****
i=28334
k(28334)=0.99919611234585
kQ(28334)=0.99839287092705
r1= : 1.6848448927985E-12
rpunto1 : = 12018365.795221
rduepunti0 : = -5.6649871224901E+25
fil : = 487.65139828128
fipunto1 : = 4.3990346005572E+18
fi_gradi : = 27940.36699517
t1 : = 1.0808765450731E-14
tpunto1 : = 1.0025012503509
tduepunti0 : = -2.4035267154781E+16
v=v_elettrone : = 14130549.345534
x0= : -1.2831915244429E-12
y0= : -1.0896658276134E-12
*****
i=28335
k(28335)=0.99919700018657
kQ(28335)=0.99839464518183
r1= : 1.686254391035E-12
rpunto1 : = 12011729.884066
rduepunti0 : = -5.6582410375194E+25
fil : = 487.65191419431
fipunto1 : = 4.3916743604092E+18
fi_gradi : = 27940.39655481
t1 : = 1.0808765568303E-14
tpunto1 : = 1.0024984378113
tduepunti0 : = -2.398167639356E+16
v=v_elettrone : = 14121622.924791
x0= : -1.2837027434541E-12
y0= : -1.0912422184087E-12
*****
i=28336
k(28336)=0.99919788648065
kQ(28336)=0.99839641634739
r1= : 1.6876631110204E-12
rpunto1 : = 12005101.868462
rduepunti0 : = -5.651508740554E+25
fil : = 487.65242924414
fipunto1 : = 4.3843366307356E+18
fi_gradi : = 27940.426064991
t1 : = 1.0808765685874E-14
tpunto1 : = 1.0024956315351
tduepunti0 : = -2.3928269476118E+16
v=v_elettrone : = 14112710.7688
x0= : -1.2842130283904E-12
y0= : -1.0928178114385E-12
```

```
*****
i=28337
k(28337)=0.999198771232
kQ(28337)=0.99839818443154
r1= : 1.6890710536809E-12
rpunto1 : = 11998481.732274
rduepunti0 : = -5.6447901997534E+25
fil : = 487.65294343341
fipunto1 : = 4.3770213146161E+18
fi_gradi : = 27940.455525866
t1 : = 1.0808765803446E-14
tpunto1 : = 1.0024928315009
tduepunti0 : = -2.3875045553526E+16
v=v_elettrone : = 14103812.835847
x0= : -1.2847223812228E-12
y0= : -1.0943926075611E-12
*****
i=28338
k(28338)=0.99919965444452
kQ(28338)=0.99839994944204
r1= : 1.6904782199404E-12
rpunto1 : = 11991869.459408
rduepunti0 : = -5.638085383307E+25
fil : = 487.65345676475
fipunto1 : = 4.3697283156653E+18
fi_gradi : = 27940.484937586
t1 : = 1.0808765921017E-14
tpunto1 : = 1.0024900376875
tduepunti0 : = -2.3822003781757E+16
v=v_elettrone : = 14094929.084766
x0= : -1.2852308039161E-12
y0= : -1.0959666076335E-12
*****
i=28339
k(28339)=0.99920053612208
kQ(28339)=0.99840171138665
r1= : 1.6918846107212E-12
rpunto1 : = 11985265.033804
rduepunti0 : = -5.6313942594351E+25
fil : = 487.65396924078
fipunto1 : = 4.3624575380294E+18
fi_gradi : = 27940.514300299
t1 : = 1.0808766038588E-14
tpunto1 : = 1.0024872500734
tduepunti0 : = -2.3769143321646E+16
v=v_elettrone : = 14086059.474938
x0= : -1.2857382984285E-12
y0= : -1.0975398125112E-12
*****
i=28340
k(28340)=0.99920141626857
kQ(28340)=0.99840347027311
r1= : 1.6932902269436E-12
rpunto1 : = 11978668.439441
rduepunti0 : = -5.6247167963893E+25
fil : = 487.6544808641
fipunto1 : = 4.3552088863825E+18
fi_gradi : = 27940.543614156
t1 : = 1.0808766156158E-14
tpunto1 : = 1.0024844686376
tduepunti0 : = -2.3716463338858E+16
v=v_elettrone : = 14077203.965025
x0= : -1.2862448667115E-12
y0= : -1.099112223048E-12
```

```
*****
i=28341
k(28341)=0.99920229488784
kQ(28341)=0.99840522610913
r1= : 1.694695069526E-12
rpunto1 : = 11972079.660336
rduepunti0 : = -5.6180529624534E+25
fil : = 487.6549916373
fipunto1 : = 4.347982265923E+18
fi_gradi : = 27940.572879305
t1 : = 1.0808766273728E-14
tpunto1 : = 1.0024816933589
tduepunti0 : = -2.3663963003856E+16
v=v_elettrone : = 14068362.515093
x0= : -1.2867505107103E-12
y0= : -1.1006838400964E-12
*****
i=28342
k(28342)=0.99920317198374
kQ(28342)=0.99840697890237
r1= : 1.6960991393851E-12
rpunto1 : = 11965498.680542
rduepunti0 : = -5.6114027259441E+25
fil : = 487.65550156298
fipunto1 : = 4.3407775823702E+18
fi_gradi : = 27940.602095894
t1 : = 1.0808766391298E-14
tpunto1 : = 1.0024789242164
tduepunti0 : = -2.3611641491868E+16
v=v_elettrone : = 14059535.084052
x0= : -1.2872552323635E-12
y0= : -1.1022546645075E-12
*****
i=28343
k(28343)=0.99920404756011
kQ(28343)=0.99840872866051
r1= : 1.6975024374354E-12
rpunto1 : = 11958925.484148
rduepunti0 : = -5.6047660552117E+25
fil : = 487.65601064371
fipunto1 : = 4.333594741961E+18
fi_gradi : = 27940.631264071
t1 : = 1.0808766508867E-14
tpunto1 : = 1.0024761611893
tduepunti0 : = -2.3559497982853E+16
v=v_elettrone : = 14050721.631806
x0= : -1.2877590336033E-12
y0= : -1.1038246971308E-12
*****
i=28344
k(28344)=0.99920492162078
kQ(28344)=0.99841047539119
r1= : 1.6989049645898E-12
rpunto1 : = 11952360.055282
rduepunti0 : = -5.598142918641E+25
fil : = 487.65651888203
fipunto1 : = 4.3264336514461E+18
fi_gradi : = 27940.660383982
t1 : = 1.0808766626436E-14
tpunto1 : = 1.0024734042567
tduepunti0 : = -2.350753166147E+16
v=v_elettrone : = 14041922.118391
x0= : -1.2882619163555E-12
y0= : -1.1053939388142E-12
```

```
*****
i=28345
k(28345)=0.99920579416955
kQ(28345)=0.99841221910201
r1= : 1.7003067217593E-12
rpunto1 : = 11945802.378109
rduepunti0 : = -5.5915332846515E+25
fil : = 487.65702628052
fipunto1 : = 4.3192942180866E+18
fi_gradi : = 27940.689455774
t1 : = 1.0808766744005E-14
tpunto1 : = 1.002470653398
tduepunti0 : = -2.3455741717043E+16
v=v_elettrone : = 14033136.503117
x0= : -1.2887638825395E-12
y0= : -1.1069623904043E-12
*****
i=28346
k(28346)=0.99920666521024
kQ(28346)=0.99841395980057
r1= : 1.701707709853E-12
rpunto1 : = 11939252.436829
rduepunti0 : = -5.5849371216986E+25
fil : = 487.6575328417
fipunto1 : = 4.3121763496511E+18
fi_gradi : = 27940.718479592
t1 : = 1.0808766861574E-14
tpunto1 : = 1.0024679085925
tduepunti0 : = -2.3404127343534E+16
v=v_elettrone : = 14024364.747166
x0= : -1.2892649340685E-12
y0= : -1.1085300527461E-12
*****
i=28347
k(28347)=0.99920753474663
kQ(28347)=0.99841569749443
r1= : 1.7031079297782E-12
rpunto1 : = 11932710.215681
rduepunti0 : = -5.5783543982737E+25
fil : = 487.65803856811
fipunto1 : = 4.3050799544117E+18
fi_gradi : = 27940.747455581
t1 : = 1.0808766979142E-14
tpunto1 : = 1.0024651698198
tduepunti0 : = -2.3352687739506E+16
v=v_elettrone : = 14015606.810124
x0= : -1.2897650728491E-12
y0= : -1.1100969266834E-12
*****
i=28348
k(28348)=0.9992084027825
kQ(28348)=0.99841743219115
r1= : 1.7045073824402E-12
rpunto1 : = 11926175.698941
rduepunti0 : = -5.5717850829054E+25
fil : = 487.65854346226
fipunto1 : = 4.298004941141E+18
fi_gradi : = 27940.776383885
t1 : = 1.0808767096709E-14
tpunto1 : = 1.0024624370595
tduepunti0 : = -2.3301422108097E+16
v=v_elettrone : = 14006862.652588
x0= : -1.2902643007818E-12
y0= : -1.1116630130581E-12
```

```
*****
i=28349
k(28349)=0.99920926932162
kQ(28349)=0.99841916389824
r1= : 1.7059060687426E-12
rpunto1: = 11919648.87092
rduepunti0 : = -5.5652291441598E+25
fil : = 487.65904752666
fipunto1 : = 4.2909512191087E+18
fi_gradi : = 27940.805264648
t1 : = 1.0808767214277E-14
tpunto1 : = 1.0024597102912
tduepunti0 : = -2.3250329656984E+16
v=v_elettrone : = 13998132.235734
x0= : -1.2907626197609E-12
y0= : -1.1132283127109E-12
*****
i=28350
k(28350)=0.99921013436774
kQ(28350)=0.9984208926232
r1= : 1.7073039895872E-12
rpunto1: = 11913129.715967
rduepunti0 : = -5.5586865506411E+25
fil : = 487.65955076382
fipunto1 : = 4.2839186980783E+18
fi_gradi : = 27940.834098012
t1 : = 1.0808767331844E-14
tpunto1 : = 1.0024569894947
tduepunti0 : = -2.3199409598354E+16
v=v_elettrone : = 13989415.519589
x0= : -1.2912600316742E-12
y0= : -1.1147928264811E-12
*****
i=28351
k(28351)=0.99921099792462
kQ(28351)=0.99842261837352
r1= : 1.7087011458737E-12
rpunto1: = 11906618.218468
rduepunti0 : = -5.5521572709926E+25
fil : = 487.6600531762
fipunto1 : = 4.2769072883039E+18
fi_gradi : = 27940.862884122
t1 : = 1.0808767449411E-14
tpunto1 : = 1.00245427465
tduepunti0 : = -2.3148661148874E+16
v=v_elettrone : = 13980712.465621
x0= : -1.2917565384035E-12
y0= : -1.1163565552063E-12
*****
i=28352
k(28352)=0.99921185999598
kQ(28352)=0.99842434115663
r1= : 1.7100975385004E-12
rpunto1: = 11900114.362845
rduepunti0 : = -5.5456412738966E+25
fil : = 487.6605547663
fipunto1 : = 4.2699169005269E+18
fi_gradi : = 27940.891623117
t1 : = 1.0808767566978E-14
tpunto1 : = 1.0024515657369
tduepunti0 : = -2.309808352966E+16
v=v_elettrone : = 13972023.034595
x0= : -1.2922521418245E-12
y0= : -1.1179194997227E-12
```



```
*****
i=28353
k(28353)=0.99921272058555
kQ(28353)=0.99842606097998
r1= : 1.7114931683634E-12
rpunto1 : = 11893618.133557
rduepunti0 : = -5.5391385280757E+25
fil : = 487.66105553658
fipunto1 : = 4.2629474459729E+18
fi_gradi : = 27940.920315141
t1 : = 1.0808767684544E-14
tpunto1 : = 1.0024488627356
tduepunti0 : = -2.3047675966248E+16
v=v_elettrone : = 13963347.188277
x0= : -1.2927468438064E-12
y0= : -1.1194816608652E-12
*****
i=28354
k(28354)=0.99921357969704
kQ(28354)=0.99842777785097
r1= : 1.7128880363571E-12
rpunto1 : = 11887129.515101
rduepunti0 : = -5.5326490022929E+25
fil : = 487.66155548948
fipunto1 : = 4.2559988363482E+18
fi_gradi : = 27940.948960332
t1 : = 1.080876780211E-14
tpunto1 : = 1.0024461656262
tduepunti0 : = -2.299743768856E+16
v=v_elettrone : = 13954684.887312
x0= : -1.2932406462127E-12
y0= : -1.1210430394672E-12
*****
i=28355
k(28355)=0.99921443733415
kQ(28355)=0.998429491777
r1= : 1.7142821433741E-12
rpunto1 : = 11880648.492007
rduepunti0 : = -5.5261726653523E+25
fil : = 487.66205462747
fipunto1 : = 4.2490709838369E+18
fi_gradi : = 27940.977558832
t1 : = 1.0808767919675E-14
tpunto1 : = 1.0024434743889
tduepunti0 : = -2.294736793088E+16
v=v_elettrone : = 13946036.094222
x0= : -1.2937335509006E-12
y0= : -1.1226036363603E-12
*****
i=28356
k(28356)=0.99921529350056
kQ(28356)=0.99843120276541
r1= : 1.7156754903051E-12
rpunto1 : = 11874175.048846
rduepunti0 : = -5.5197094860999E+25
fil : = 487.66255295296
fipunto1 : = 4.2421638010979E+18
fi_gradi : = 27941.00611078
t1 : = 1.080876803724E-14
tpunto1 : = 1.002440789004
tduepunti0 : = -2.289746593182E+16
v=v_elettrone : = 13937400.770391
x0= : -1.2942255597211E-12
y0= : -1.1241634523751E-12
```

```
*****
i=28357
k(28357)=0.99921614819996
kQ(28357)=0.99843291082356
r1= : 1.7170680780393E-12
rpunto1: = 11867709.170223
rduepunti0 : = -5.5132594334237E+25
fil : = 487.66305046839
fipunto1 : = 4.2352772012614E+18
fi_gradi : = 27941.034616314
t1 : = 1.0808768154805E-14
tpunto1 : = 1.0024381094519
tduepunti0 : = -2.2847730934293E+16
v=v_elettrone : = 13928778.877364
x0= : -1.2947166745193E-12
y0= : -1.1257224883405E-12
*****
i=28358
k(28358)=0.99921700143601
kQ(28358)=0.99843461595876
r1= : 1.7184599074636E-12
rpunto1: = 11861250.840779
rduepunti0 : = -5.5068224762544E+25
fil : = 487.66354717616
fipunto1 : = 4.2284110979259E+18
fi_gradi : = 27941.063075573
t1 : = 1.080876827237E-14
tpunto1 : = 1.0024354357133
tduepunti0 : = -2.2798162185483E+16
v=v_elettrone : = 13920170.377723
x0= : -1.2952068971342E-12
y0= : -1.1272807450841E-12
*****
i=28359
k(28359)=0.99921785321236
kQ(28359)=0.99843631817831
r1= : 1.7198509794635E-12
rpunto1: = 11854800.045192
rduepunti0 : = -5.5003985835663E+25
fil : = 487.66404307869
fipunto1 : = 4.2215654051556E+18
fi_gradi : = 27941.091488695
t1 : = 1.0808768389934E-14
tpunto1 : = 1.0024327677685
tduepunti0 : = -2.2748758936819E+16
v=v_elettrone : = 13911575.233343
x0= : -1.295696229399E-12
y0= : -1.1288382234319E-12
*****
i=28360
k(28360)=0.99921870353266
kQ(28360)=0.99843801748949
r1= : 1.7212412949225E-12
rpunto1: = 11848356.768177
rduepunti0 : = -5.4939877243772E+25
fil : = 487.66453817836
fipunto1 : = 4.2147400374765E+18
fi_gradi : = 27941.119855817
t1 : = 1.0808768507498E-14
tpunto1 : = 1.0024301055984
tduepunti0 : = -2.269952044394E+16
v=v_elettrone : = 13902993.406698
x0= : -1.2961846731408E-12
y0= : -1.1303949242085E-12
```

```
*****
i=28361
k(28361)=0.99921955240055
kQ(28361)=0.99843971389955
r1= : 1.7226308547224E-12
rpunto1 : = 11841920.994485
rduepunti0 : = -5.4875898677492E+25
fil : = 487.66503247757
fipunto1 : = 4.2079349098743E+18
fi_gradi : = 27941.148177075
t1 : = 1.0808768625062E-14
tpunto1 : = 1.0024274491837
tduepunti0 : = -2.2650445966673E+16
v=v_elettrone : = 13894424.860006
x0= : -1.2966722301806E-12
y0= : -1.1319508482371E-12
*****
i=28362
k(28362)=0.99922039981963
kQ(28362)=0.99844140741571
r1= : 1.7240196597431E-12
rpunto1 : = 11835492.708902
rduepunti0 : = -5.4812049827893E+25
fil : = 487.66552597868
fipunto1 : = 4.2011499377906E+18
fi_gradi : = 27941.176452606
t1 : = 1.0808768742625E-14
tpunto1 : = 1.0024247985053
tduepunti0 : = -2.2601534769003E+16
v=v_elettrone : = 13885869.556518
x0= : -1.2971589023339E-12
y0= : -1.1335059963394E-12
*****
i=28363
k(28363)=0.99922124579354
kQ(28363)=0.99844309804519
r1= : 1.725407710863E-12
rpunto1 : = 11829071.896252
rduepunti0 : = -5.4748330386496E+25
fil : = 487.66601868405
fipunto1 : = 4.1943850371205E+18
fi_gradi : = 27941.204682544
t1 : = 1.0808768860188E-14
tpunto1 : = 1.002422153544
tduepunti0 : = -2.2552786119045E+16
v=v_elettrone : = 13877327.458362
x0= : -1.2976446914098E-12
y0= : -1.1350603693358E-12
*****
i=28364
k(28364)=0.99922209032586
kQ(28364)=0.99844478579517
r1= : 1.7267950089583E-12
rpunto1 : = 11822658.541394
rduepunti0 : = -5.4684740045282E+25
fil : = 487.66651059605
fipunto1 : = 4.1876401242093E+18
fi_gradi : = 27941.232867025
t1 : = 1.0808768977751E-14
tpunto1 : = 1.0024195142809
tduepunti0 : = -2.2504199289013E+16
v=v_elettrone : = 13868798.528706
x0= : -1.298129599212E-12
y0= : -1.1366139680451E-12
```

```
*****
i=28365
k(28365)=0.99922293342018
kQ(28365)=0.99844647067282
r1= : 1.7281815549037E-12
rpunto1 : = 11816252.629224
rduepunti0 : = -5.4621278496692E+25
fil : = 487.66700171701
fipunto1 : = 4.1809151158498E+18
fi_gradi : = 27941.261006184
t1 : = 1.0808769095314E-14
tpunto1 : = 1.0024168806971
tduepunti0 : = -2.2455773555199E+16
v=v_elettrone : = 13860282.730454
x0= : -1.2986136275381E-12
y0= : -1.1381667932846E-12
*****
i=28366
k(28366)=0.99922377508008
kQ(28366)=0.99844815268529
r1= : 1.7295673495722E-12
rpunto1 : = 11809854.144673
rduepunti0 : = -5.4557945433632E+25
fil : = 487.66749204927
fipunto1 : = 4.1742099292792E+18
fi_gradi : = 27941.289100153
t1 : = 1.0808769212876E-14
tpunto1 : = 1.0024142527738
tduepunti0 : = -2.2407508197941E+16
v=v_elettrone : = 13851780.02758
x0= : -1.29909677818E-12
y0= : -1.1397188458703E-12
*****
i=28367
k(28367)=0.99922461530913
kQ(28367)=0.99844983183968
r1= : 1.7309523938347E-12
rpunto1 : = 11803463.072708
rduepunti0 : = -5.4494740549482E+25
fil : = 487.66798159516
fipunto1 : = 4.1675244821764E+18
fi_gradi : = 27941.317149066
t1 : = 1.0808769330438E-14
tpunto1 : = 1.0024116304923
tduepunti0 : = -2.2359402501596E+16
v=v_elettrone : = 13843290.38248
x0= : -1.2995790529238E-12
y0= : -1.1412701266168E-12
*****
i=28368
k(28368)=0.99922545411089
kQ(28368)=0.99845150814311
r1= : 1.7323366885607E-12
rpunto1 : = 11797079.398332
rduepunti0 : = -5.4431663538096E+25
fil : = 487.66847035698
fipunto1 : = 4.160858692659E+18
fi_gradi : = 27941.345153056
t1 : = 1.0808769447999E-14
tpunto1 : = 1.002409013834
tduepunti0 : = -2.2311455754517E+16
v=v_elettrone : = 13834813.759479
x0= : -1.3000604535497E-12
y0= : -1.1428206363372E-12
```

```
*****
i=28369
k(28369)=0.99922629148889
kQ(28369)=0.99845318160264
r1= : 1.7337202346176E-12
rpunto1 : = 11790703.106585
rduepunti0 : = -5.4368714093807E+25
fil : = 487.66895833705
fipunto1 : = 4.1542124792805E+18
fi_gradi : = 27941.373112254
t1 : = 1.080876956556E-14
tpunto1 : = 1.0024064027802
tduepunti0 : = -2.2263667249021E+16
v=v_elettrone : = 13826350.121784
x0= : -1.3005409818324E-12
y0= : -1.1443703758433E-12
*****
i=28370
k(28370)=0.99922712744668
kQ(28370)=0.99845485222535
r1= : 1.7351030328714E-12
rpunto1 : = 11784334.182541
rduepunti0 : = -5.4305891911433E+25
fil : = 487.66944553767
fipunto1 : = 4.1475857610274E+18
fi_gradi : = 27941.401026793
t1 : = 1.0808769683121E-14
tpunto1 : = 1.0024037973124
tduepunti0 : = -2.2216036281367E+16
v=v_elettrone : = 13817899.43366
x0= : -1.3010206395408E-12
y0= : -1.1459193459452E-12
*****
i=28371
k(28371)=0.99922796198778
kQ(28371)=0.99845652001825
r1= : 1.7364850841861E-12
rpunto1 : = 11777972.611312
rduepunti0 : = -5.4243196686278E+25
fil : = 487.6699319611
fipunto1 : = 4.1409784573165E+18
fi_gradi : = 27941.428896803
t1 : = 1.0808769800682E-14
tpunto1 : = 1.0024011974124
tduepunti0 : = -2.2168562151728E+16
v=v_elettrone : = 13809461.658254
x0= : -1.301499428438E-12
y0= : -1.1474675474519E-12
*****
i=28372
k(28372)=0.9992287951157
kQ(28372)=0.99845818498837
r1= : 1.7378663894241E-12
rpunto1 : = 11771618.378043
rduepunti0 : = -5.4180628114139E+25
fil : = 487.67041760965
fipunto1 : = 4.1343904879923E+18
fi_gradi : = 27941.456722415
t1 : = 1.0808769918242E-14
tpunto1 : = 1.0023986030618
tduepunti0 : = -2.2121244164164E+16
v=v_elettrone : = 13801036.760198
x0= : -1.3019773502816E-12
y0= : -1.1490149811707E-12
```

```

*****
i=28373
k(28373)=0.99922962683394
kQ(28373)=0.9984598471427
r1= : 1.7392469494459E-12
rpunto1 : = 11765271.467916
rduepunti0 : = -5.411818589131E+25
fil : = 487.67090248556
fipunto1 : = 4.1278217733237E+18
fi_gradi : = 27941.484503759
t1 : = 1.0808770035802E-14
tpunto1 : = 1.0023960142424
tduepunti0 : = -2.2074081626598E+16
v=v_elettrone : = 13792624.703905
x0= : -1.3024544068235E-12
y0= : -1.1505616479076E-12
*****
i=28374
k(28374)=0.999230457146
kQ(28374)=0.9984615064882
r1= : 1.7406267651103E-12
rpunto1 : = 11758931.866149
rduepunti0 : = -5.4055869714581E+25
fil : = 487.67138659111
fipunto1 : = 4.1212722340018E+18
fi_gradi : = 27941.512240963
t1 : = 1.0808770153362E-14
tpunto1 : = 1.0023934309359
tduepunti0 : = -2.202707385079E+16
v=v_elettrone : = 13784225.453526
x0= : -1.3029305998101E-12
y0= : -1.1521075484673E-12
*****
i=28375
k(28375)=0.99923128605536
kQ(28375)=0.99846316303184
r1= : 1.7420058372746E-12
rpunto1 : = 11752599.557995
rduepunti0 : = -5.3993679281248E+25
fil : = 487.67186992853
fipunto1 : = 4.1147417911371E+18
fi_gradi : = 27941.539934158
t1 : = 1.0808770270921E-14
tpunto1 : = 1.0023908531244
tduepunti0 : = -2.1980220152311E+16
v=v_elettrone : = 13775838.973412
x0= : -1.3034059309819E-12
y0= : -1.153652683653E-12
*****
i=28376
k(28376)=0.99923211356548
kQ(28376)=0.99846481678053
r1= : 1.743384166794E-12
rpunto1 : = 11746274.528742
rduepunti0 : = -5.3931614289114E+25
fil : = 487.67235250007
fipunto1 : = 4.1082303662565E+18
fi_gradi : = 27941.56758347
t1 : = 1.080877038848E-14
tpunto1 : = 1.0023882807899
tduepunti0 : = -2.1933519850518E+16
v=v_elettrone : = 13767465.228557
x0= : -1.3038804020742E-12
y0= : -1.1551970542663E-12

```

```
*****
i=28377
k(28377)=0.99923293967983
kQ(28377)=0.99846646774119
r1= : 1.7447617545222E-12
rpunto1 : = 11739956.763714
rduepunti0 : = -5.3869674436492E+25
fil : = 487.67283430796
fipunto1 : = 4.1017378813009E+18
fi_gradi : = 27941.595189029
t1 : = 1.0808770506039E-14
tpunto1 : = 1.0023857139144
tduepunti0 : = -2.1886972268528E+16
v=v_elettrone : = 13759104.183708
x0= : -1.3043540148165E-12
y0= : -1.1567406611077E-12
*****
i=28378
k(28378)=0.99923376440185
kQ(28378)=0.9984681159207
r1= : 1.7461386013112E-12
rpunto1 : = 11733646.24827
rduepunti0 : = -5.3807859422209E+25
fil : = 487.67331535442
fipunto1 : = 4.0952642586225E+18
fi_gradi : = 27941.622750961
t1 : = 1.0808770623598E-14
tpunto1 : = 1.0023831524801
tduepunti0 : = -2.1840576733196E+16
v=v_elettrone : = 13750755.803378
x0= : -1.304826770933E-12
y0= : -1.1582835049762E-12
*****
i=28379
k(28379)=0.99923458773499
kQ(28379)=0.99846976132592
r1= : 1.7475147080112E-12
rpunto1 : = 11727342.967804
rduepunti0 : = -5.3746168945609E+25
fil : = 487.67379564166
fipunto1 : = 4.088809420982E+18
fi_gradi : = 27941.650269392
t1 : = 1.0808770741156E-14
tpunto1 : = 1.0023805964692
tduepunti0 : = -2.1794332575086E+16
v=v_elettrone : = 13742420.052722
x0= : -1.3052986721423E-12
y0= : -1.1598255866693E-12
*****
i=28380
k(28380)=0.99923540968268
kQ(28380)=0.99847140396371
r1= : 1.7488900754708E-12
rpunto1 : = 11721046.907747
rduepunti0 : = -5.3684602706559E+25
fil : = 487.67427517188
fipunto1 : = 4.0823732915463E+18
fi_gradi : = 27941.677744451
t1 : = 1.0808770858714E-14
tpunto1 : = 1.0023780458642
tduepunti0 : = -2.1748239128452E+16
v=v_elettrone : = 13734096.897542
x0= : -1.3057697201576E-12
y0= : -1.161366906983E-12
```

```
*****
i=28381
k(28381)=0.99923623024833
kQ(28381)=0.99847304384089
r1= : 1.7502647045366E-12
rpunto1: = 11714758.053562
rduepunti0 : = -5.3623160405448E+25
fil : = 487.67475394729
fipunto1 : = 4.0759557938856E+18
fi_gradi : = 27941.705176261
t1 : = 1.0808770976271E-14
tpunto1 : = 1.0023755006473
tduepunti0 : = -2.1702295731208E+16
v=v_elettrone : = 13725786.302519
x0= : -1.3062399166865E-12
y0= : -1.1629074667122E-12
*****
i=28382
k(28382)=0.99923704943535
kQ(28382)=0.99847468096426
r1= : 1.7516385960538E-12
rpunto1: = 11708476.39075
rduepunti0 : = -5.3561841743193E+25
fil : = 487.67523197006
fipunto1 : = 4.069556851971E+18
fi_gradi : = 27941.732564948
t1 : = 1.0808771093829E-14
tpunto1 : = 1.0023729608011
tduepunti0 : = -2.1656501724908E+16
v=v_elettrone : = 13717488.233432
x0= : -1.3067092634313E-12
y0= : -1.1644472666503E-12
*****
i=28383
k(28383)=0.99923786724713
kQ(28383)=0.99847631534059
r1= : 1.7530117508658E-12
rpunto1: = 11702201.904845
rduepunti0 : = -5.3500646421243E+25
fil : = 487.67570924237
fipunto1 : = 4.0631763901718E+18
fi_gradi : = 27941.759910637
t1 : = 1.0808771211386E-14
tpunto1 : = 1.0023704263081
tduepunti0 : = -2.161085645472E+16
v=v_elettrone : = 13709202.655834
x0= : -1.307177762089E-12
y0= : -1.1659863075891E-12
*****
i=28384
k(28384)=0.99923868368707
kQ(28384)=0.99847794697667
r1= : 1.7543841698143E-12
rpunto1: = 11695934.581418
rduepunti0 : = -5.3439574141578E+25
fil : = 487.67618576639
fipunto1 : = 4.0568143332532E+18
fi_gradi : = 27941.787213452
t1 : = 1.0808771328942E-14
tpunto1 : = 1.0023678971509
tduepunti0 : = -2.1565359269404E+16
v=v_elettrone : = 13700929.535469
x0= : -1.3076454143511E-12
y0= : -1.1675245903193E-12
```



```
*****
i=28385
k(28385)=0.99923949875854
kQ(28385)=0.99847957587922
r1= : 1.7557558537393E-12
rpunto1: = 11689674.406072
rduepunti0 : = -5.3378624606716E+25
fil : = 487.67666154427
fipunto1 : = 4.0504706063736E+18
fi_gradi : = 27941.814473517
t1 : = 1.0808771446499E-14
tpunto1 : = 1.0023653733123
tduepunti0 : = -2.1520009521287E+16
v=v_elettrone : = 13692668.838317
x0= : -1.3081122219037E-12
y0= : -1.1690621156299E-12
*****
i=28386
k(28386)=0.99924031246491
kQ(28386)=0.99848120205496
r1= : 1.7571268034791E-12
rpunto1: = 11683421.364447
rduepunti0 : = -5.3317797519716E+25
fil : = 487.67713657817
fipunto1 : = 4.044145135082E+18
fi_gradi : = 27941.841690954
t1 : = 1.0808771564055E-14
tpunto1 : = 1.002362854775
tduepunti0 : = -2.147480656624E+16
v=v_elettrone : = 13684420.53012
x0= : -1.3085781864277E-12
y0= : -1.170598884309E-12
*****
i=28387
k(28387)=0.99924112480952
kQ(28387)=0.9984828255106
r1= : 1.7584970198704E-12
rpunto1: = 11677175.442219
rduepunti0 : = -5.3257092584178E+25
fil : = 487.67761087023
fipunto1 : = 4.0378378453158E+18
fi_gradi : = 27941.868865887
t1 : = 1.0808771681611E-14
tpunto1 : = 1.002360341522
tduepunti0 : = -2.1429749763654E+16
v=v_elettrone : = 13676184.577284
x0= : -1.3090433095987E-12
y0= : -1.1721348971427E-12
*****
i=28388
k(28388)=0.99924193579574
kQ(28388)=0.99848444625283
r1= : 1.7598665037481E-12
rpunto1: = 11670936.625094
rduepunti0 : = -5.3196509504245E+25
fil : = 487.67808442257
fipunto1 : = 4.0315486633981E+18
fi_gradi : = 27941.895998438
t1 : = 1.0808771799166E-14
tpunto1 : = 1.0023578335361
tduepunti0 : = -2.138483847642E+16
v=v_elettrone : = 13667960.945543
x0= : -1.3095075930868E-12
y0= : -1.1736701549162E-12
```

```
*****
i=28389
k(28389)=0.9992427454269
kQ(28389)=0.99848606428828
r1= : 1.7612352559454E-12
rpunto1: = 11664704.898818
rduepunti0 : = -5.3136047984613E+25
fil : = 487.67855723733
fipunto1 : = 4.0252775160355E+18
fi_gradi : = 27941.923088728
t1 : = 1.0808771916721E-14
tpunto1 : = 1.0023553308003
tduepunti0 : = -2.1340072070902E+16
v=v_elettrone : = 13659749.602184
x0= : -1.3099710385573E-12
y0= : -1.175204658413E-12
*****
i=28390
k(28390)=0.99924355370631
kQ(28390)=0.99848767962362
r1= : 1.7626032772941E-12
rpunto1: = 11658480.249167
rduepunti0 : = -5.3075707730524E+25
fil : = 487.67902931662
fipunto1 : = 4.0190243303154E+18
fi_gradi : = 27941.950136879
t1 : = 1.0808772034276E-14
tpunto1 : = 1.0023528332978
tduepunti0 : = -2.1295449916917E+16
v=v_elettrone : = 13651550.51295
x0= : -1.3104336476697E-12
y0= : -1.1767384084155E-12
*****
i=28391
k(28391)=0.9992443606373
kQ(28391)=0.99848929226545
r1= : 1.7639705686239E-12
rpunto1: = 11652262.661956
rduepunti0 : = -5.3015488447777E+25
fil : = 487.67950066254
fipunto1 : = 4.0127890337038E+18
fi_gradi : = 27941.977143011
t1 : = 1.0808772151831E-14
tpunto1 : = 1.0023503410116
tduepunti0 : = -2.1250971387712E+16
v=v_elettrone : = 13643363.645123
x0= : -1.3108954220787E-12
y0= : -1.1782714057045E-12
*****
i=28392
k(28392)=0.99924516622318
kQ(28392)=0.99849090222038
r1= : 1.7653371307633E-12
rpunto1: = 11646052.12303
rduepunti0 : = -5.2955389842722E+25
fil : = 487.6799712772
fipunto1 : = 4.0065715540426E+18
fi_gradi : = 27942.004107245
t1 : = 1.0808772269385E-14
tpunto1 : = 1.0023478539251
tduepunti0 : = -2.1206635859943E+16
v=v_elettrone : = 13635188.964888
x0= : -1.3113563634337E-12
y0= : -1.1798036510595E-12
```

```

*****
i=28393
k(28393)=0.99924597046722
kQ(28393)=0.99849250949499
r1= : 1.7667029645387E-12
rpunto1 : = 11639848.618272
rduepunti0 : = -5.2895411622272E+25
fil : = 487.68044116267
fipunto1 : = 4.0003718195477E+18
fi_gradi : = 27942.031029699
t1 : = 1.0808772386939E-14
tpunto1 : = 1.0023453720214
tduepunti0 : = -2.1162442713648E+16
v=v_elettrone : = 13627026.439552
x0= : -1.3118164733788E-12
y0= : -1.1813351452587E-12
*****
i=28394
k(28394)=0.99924677337274
kQ(28394)=0.99849411409583
r1= : 1.7680680707753E-12
rpunto1 : = 11633652.133597
rduepunti0 : = -5.2835553493898E+25
fil : = 487.68091032105
fipunto1 : = 3.9941897588064E+18
fi_gradi : = 27942.057910494
t1 : = 1.0808772504493E-14
tpunto1 : = 1.0023428952841
tduepunti0 : = -2.1118391332232E+16
v=v_elettrone : = 13618876.035749
x0= : -1.3122757535531E-12
y0= : -1.1828658890789E-12
*****
i=28395
k(28395)=0.99924757494299
kQ(28395)=0.99849571602944
r1= : 1.7694324502962E-12
rpunto1 : = 11627462.654955
rduepunti0 : = -5.2775815165634E+25
fil : = 487.68137875441
fipunto1 : = 3.988025300775E+18
fi_gradi : = 27942.084749749
t1 : = 1.0808772622047E-14
tpunto1 : = 1.0023404236965
tduepunti0 : = -2.107448110244E+16
v=v_elettrone : = 13610737.721232
x0= : -1.3127342055907E-12
y0= : -1.1843958832954E-12
*****
i=28396
k(28396)=0.99924837518124
kQ(28396)=0.99849731530235
r1= : 1.7707961039231E-12
rpunto1 : = 11621280.16833
rduepunti0 : = -5.271619634608E+25
fil : = 487.68184646481
fipunto1 : = 3.9818783747764E+18
fi_gradi : = 27942.11154758
t1 : = 1.08087727396E-14
tpunto1 : = 1.0023379572421
tduepunti0 : = -2.1030711414335E+16
v=v_elettrone : = 13602611.463113
x0= : -1.3131918311202E-12
y0= : -1.1859251286824E-12

```

```
*****
i=28397
k(28397)=0.99924917409075
kQ(28397)=0.99849891192105
r1= : 1.7721590324761E-12
rpunto1 : = 11615104.65974
rduepunti0 : = -5.2656696744404E+25
fil : = 487.6823134543
fipunto1 : = 3.9757489104982E+18
fi_gradi : = 27942.138304107
t1 : = 1.0808772857153E-14
tpunto1 : = 1.0023354959046
tduepunti0 : = -2.0987081661283E+16
v=v_elettrone : = 13594497.228278
x0= : -1.3136486317654E-12
y0= : -1.1874536260124E-12
*****
i=28398
k(28398)=0.99924997167477
kQ(28398)=0.99850050589202
r1= : 1.7735212367735E-12
rpunto1 : = 11608936.115239
rduepunti0 : = -5.2597316070342E+25
fil : = 487.68277972494
fipunto1 : = 3.96963683799E+18
fi_gradi : = 27942.165019447
t1 : = 1.0808772974705E-14
tpunto1 : = 1.0023330396676
tduepunti0 : = -2.0943591239922E+16
v=v_elettrone : = 13586394.984737
x0= : -1.3141046091451E-12
y0= : -1.1889813760569E-12
*****
i=28399
k(28399)=0.99925076793652
kQ(28399)=0.99850209722173
r1= : 1.774882717632E-12
rpunto1 : = 11602774.520911
rduepunti0 : = -5.2538054034203E+25
fil : = 487.68324527876
fipunto1 : = 3.9635420876613E+18
fi_gradi : = 27942.191693716
t1 : = 1.0808773092257E-14
tpunto1 : = 1.0023305885148
tduepunti0 : = -2.090023955015E+16
v=v_elettrone : = 13578304.700295
x0= : -1.314559764873E-12
y0= : -1.1905083795856E-12
*****
i=28400
k(28400)=0.99925156287924
kQ(28400)=0.99850368591661
r1= : 1.7762434758669E-12
rpunto1 : = 11596619.862879
rduepunti0 : = -5.2478910346868E+25
fil : = 487.68371011779
fipunto1 : = 3.9574645902793E+18
fi_gradi : = 27942.218327031
t1 : = 1.080877320981E-14
tpunto1 : = 1.0023281424301
tduepunti0 : = -2.0857025995099E+16
v=v_elettrone : = 13570226.342561
x0= : -1.3150141005576E-12
y0= : -1.1920346373674E-12
```

```

*****
i=28401
k(28401)=0.99925235650615
kQ(28401)=0.99850527198309
r1= : 1.7776035122915E-12
rpunto1: = 11590472.127294
rduepunti0 : = -5.2419884719798E+25
fil : = 487.68417424407
fipunto1 : = 3.9514042769665E+18
fi_gradi : = 27942.244919508
t1 : = 1.0808773327361E-14
tpunto1 : = 1.0023257013972
tduepunti0 : = -2.0813949981112E+16
v=v_elettrone : = 13562159.878913
x0= : -1.3154676178025E-12
y0= : -1.1935601501695E-12
*****
i=28402
k(28402)=0.99925314882044
kQ(28402)=0.99850685542756
r1= : 1.7789628277177E-12
rpunto1: = 11584331.300346
rduepunti0 : = -5.2360976865026E+25
fil : = 487.6846376596
fipunto1 : = 3.9453610791987E+18
fi_gradi : = 27942.271471262
t1 : = 1.0808773444913E-14
tpunto1 : = 1.0023232654002
tduepunti0 : = -2.0771010917729E+16
v=v_elettrone : = 13554105.278328
x0= : -1.3159203182066E-12
y0= : -1.1950849187576E-12
*****
i=28403
k(28403)=0.99925393982532
kQ(28403)=0.99850843625642
r1= : 1.7803214229557E-12
rpunto1: = 11578197.368255
rduepunti0 : = -5.2302186495169E+25
fil : = 487.68510036639
fipunto1 : = 3.9393349288025E+18
fi_gradi : = 27942.297982408
t1 : = 1.0808773562464E-14
tpunto1 : = 1.002320834423
tduepunti0 : = -2.0728208217662E+16
v=v_elettrone : = 13546062.508236
x0= : -1.3163722033635E-12
y0= : -1.1966089438965E-12
*****
i=28404
k(28404)=0.99925472952397
kQ(28404)=0.99851001447601
r1= : 1.7816792988142E-12
rpunto1: = 11572070.317278
rduepunti0 : = -5.2243513323424E+25
fil : = 487.68556236645
fipunto1 : = 3.9333257579536E+18
fi_gradi : = 27942.324453061
t1 : = 1.0808773680015E-14
tpunto1 : = 1.0023184084498
tduepunti0 : = -2.0685541296774E+16
v=v_elettrone : = 13538031.537648
x0= : -1.3168232748619E-12
y0= : -1.1981322263493E-12

```

```
*****
i=28405
k(28405)=0.99925551791957
kQ(28405)=0.9985115900927
r1= : 1.7830364561001E-12
rpunto1: = 11565950.133702
rduepunti0 : = -5.2184957063571E+25
fil : = 487.68602366175
fipunto1 : = 3.9273334991739E+18
fi_gradi : = 27942.350883336
t1 : = 1.0808773797565E-14
tpunto1 : = 1.0023159874646
tduepunti0 : = -2.0643009574062E+16
v=v_elettrone : = 13530012.334032
x0= : -1.3172735342858E-12
y0= : -1.199654766878E-12
*****
i=28406
k(28406)=0.99925630501528
kQ(28406)=0.99851316311279
r1= : 1.7843928956189E-12
rpunto1: = 11559836.803849
rduepunti0 : = -5.2126517429975E+25
fil : = 487.68648425429
fipunto1 : = 3.9213580853301E+18
fi_gradi : = 27942.377273344
t1 : = 1.0808773915116E-14
tpunto1 : = 1.0023135714517
tduepunti0 : = -2.0600612471634E+16
v=v_elettrone : = 13522004.866445
x0= : -1.3177229832141E-12
y0= : -1.201176566243E-12
*****
i=28407
k(28407)=0.99925709081427
kQ(28407)=0.9985147335426
r1= : 1.7857486181744E-12
rpunto1: = 11553730.314077
rduepunti0 : = -5.2068194137587E+25
fil : = 487.68694414604
fipunto1 : = 3.9153994496312E+18
fi_gradi : = 27942.403623201
t1 : = 1.0808774032666E-14
tpunto1 : = 1.0023111603953
tduepunti0 : = -2.0558349414689E+16
v=v_elettrone : = 13514009.103302
x0= : -1.318171623221E-12
y0= : -1.2026976252035E-12
*****
i=28408
k(28408)=0.99925787531969
kQ(28408)=0.99851630138841
r1= : 1.7871036245688E-12
rpunto1: = 11547630.650773
rduepunti0 : = -5.2009986901949E+25
fil : = 487.68740333898
fipunto1 : = 3.9094575256261E+18
fi_gradi : = 27942.429933018
t1 : = 1.0808774150215E-14
tpunto1 : = 1.0023087542799
tduepunti0 : = -2.0516219831501E+16
v=v_elettrone : = 13506025.013711
x0= : -1.3186194558758E-12
y0= : -1.2042179445174E-12
```

```
*****
i=28409
k(28409)=0.99925865853466
kQ(28409)=0.9985178666565
r1= : 1.7884579156026E-12
rpunto1 : = 11541537.80036
rduepunti0 : = -5.1951895439189E+25
fil : = 487.68786183505
fipunto1 : = 3.9035322472022E+18
fi_gradi : = 27942.456202907
t1 : = 1.0808774267765E-14
tpunto1 : = 1.0023063530897
tduepunti0 : = -2.0474223153394E+16
v=v_elettrone : = 13498052.56614
x0= : -1.3190664827428E-12
y0= : -1.2057375249412E-12
*****
i=28410
k(28410)=0.99925944046233
kQ(28410)=0.99851942935309
r1= : 1.7898114920748E-12
rpunto1 : = 11535451.749293
rduepunti0 : = -5.1893919466029E+25
fil : = 487.68831963621
fipunto1 : = 3.8976235485826E+18
fi_gradi : = 27942.482432982
t1 : = 1.0808774385314E-14
tpunto1 : = 1.0023039568094
tduepunti0 : = -2.0432358814728E+16
v=v_elettrone : = 13490091.729752
x0= : -1.3195127053816E-12
y0= : -1.2072563672302E-12
*****
i=28411
k(28411)=0.99926022110581
kQ(28411)=0.99852098948444
r1= : 1.791164354783E-12
rpunto1 : = 11529372.484061
rduepunti0 : = -5.1836058699783E+25
fil : = 487.6887767444
fipunto1 : = 3.8917313643245E+18
fi_gradi : = 27942.508623352
t1 : = 1.0808774502863E-14
tpunto1 : = 1.0023015654234
tduepunti0 : = -2.0390626252874E+16
v=v_elettrone : = 13482142.473972
x0= : -1.3199581253472E-12
y0= : -1.2087744721382E-12
*****
i=28412
k(28412)=0.99926100046821
kQ(28412)=0.99852254705674
r1= : 1.7925165045228E-12
rpunto1 : = 11523299.991186
rduepunti0 : = -5.1778312858359E+25
fil : = 487.68923316157
fipunto1 : = 3.8858556293169E+18
fi_gradi : = 27942.53477413
t1 : = 1.0808774620412E-14
tpunto1 : = 1.0022991789163
tduepunti0 : = -2.03490249082E+16
v=v_elettrone : = 13474204.767577
x0= : -1.3204027441896E-12
y0= : -1.2102918404177E-12
```

```
*****
i=28413
k(28413)=0.99926177855264
kQ(28413)=0.99852410207618
r1= : 1.7938679420887E-12
rpunto1 : = 11517234.257223
rduepunti0 : = -5.1720681660262E+25
fil : = 487.68968888964
fipunto1 : = 3.8799962787786E+18
fi_gradi : = 27942.560885425
t1 : = 1.080877473796E-14
tpunto1 : = 1.0022967972729
tduepunti0 : = -2.0307554224047E+16
v=v_elettrone : = 13466278.579601
x0= : -1.320846563454E-12
y0= : -1.2118084728201E-12
*****
i=28414
k(28414)=0.99926255536218
kQ(28414)=0.99852565454895
r1= : 1.7952186682732E-12
rpunto1 : = 11511175.268759
rduepunti0 : = -5.1663164824592E+25
fil : = 487.69014393054
fipunto1 : = 3.8741532482561E+18
fi_gradi : = 27942.586957348
t1 : = 1.0808774855508E-14
tpunto1 : = 1.0022944204778
tduepunti0 : = -2.0266213646716E+16
v=v_elettrone : = 13458363.880241
x0= : -1.3212895846812E-12
y0= : -1.213324370095E-12
*****
i=28415
k(28415)=0.99926333089992
kQ(28415)=0.99852720448119
r1= : 1.7965686838674E-12
rpunto1 : = 11505123.012415
rduepunti0 : = -5.1605762071049E+25
fil : = 487.69059828617
fipunto1 : = 3.8683264736219E+18
fi_gradi : = 27942.612990008
t1 : = 1.0808774973056E-14
tpunto1 : = 1.002292048516
tduepunti0 : = -2.0225002625442E+16
v=v_elettrone : = 13450460.638602
x0= : -1.3217318094069E-12
y0= : -1.2148395329913E-12
*****
i=28416
k(28416)=0.99926410516892
kQ(28416)=0.99852875187905
r1= : 1.7979179896609E-12
rpunto1 : = 11499077.474844
rduepunti0 : = -5.1548473119931E+25
fil : = 487.69105195844
fipunto1 : = 3.862515891072E+18
fi_gradi : = 27942.638983514
t1 : = 1.0808775090603E-14
tpunto1 : = 1.0022896813721
tduepunti0 : = -2.0183920612382E+16
v=v_elettrone : = 13442568.824496
x0= : -1.3221732391623E-12
y0= : -1.216353962256E-12
```



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*****
i=28417
k(28417)=0.99926487817226
kQ(28417)=0.99853029674862
r1= : 1.7992665864417E-12
rpunto1 : = 11493038.642733
rduepunti0 : = -5.1491297692139E+25
fil : = 487.69150494926
fipunto1 : = 3.8567214371244E+18
fi_gradi : = 27942.664937976
t1 : = 1.080877520815E-14
tpunto1 : = 1.0022873190313
tduepunti0 : = -2.0142967062593E+16
v=v_elettrone : = 13434688.407561
x0= : -1.3226138754741E-12
y0= : -1.2178676586353E-12
*****
i=28418
k(28418)=0.99926564991299
kQ(28418)=0.99853183909603
r1= : 1.8006144749961E-12
rpunto1 : = 11487006.502799
rduepunti0 : = -5.1434235509173E+25
fil : = 487.69195726051
fipunto1 : = 3.8509430486166E+18
fi_gradi : = 27942.690853502
t1 : = 1.0808775325697E-14
tpunto1 : = 1.0022849614784
tduepunti0 : = -2.0102141434013E+16
v=v_elettrone : = 13426819.358133
x0= : -1.3230537198639E-12
y0= : -1.2193806228736E-12
*****
i=28419
k(28419)=0.99926642039415
kQ(28419)=0.99853337892733
r1= : 1.801961656109E-12
rpunto1 : = 11480981.041796
rduepunti0 : = -5.1377286293138E+25
fil : = 487.69240889408
fipunto1 : = 3.8451806627043E+18
fi_gradi : = 27942.716730199
t1 : = 1.0808775443244E-14
tpunto1 : = 1.0022826086985
tduepunti0 : = -2.0061443187446E+16
v=v_elettrone : = 13418961.645922
x0= : -1.3234927738492E-12
y0= : -1.2208928557144E-12
*****
i=28420
k(28420)=0.99926718961878
kQ(28420)=0.99853491624861
r1= : 1.8033081305638E-12
rpunto1 : = 11474962.246506
rduepunti0 : = -5.1320449766743E+25
fil : = 487.69285985184
fipunto1 : = 3.8394342168589E+18
fi_gradi : = 27942.742568176
t1 : = 1.080877556079E-14
tpunto1 : = 1.0022802606769
tduepunti0 : = -2.0020871786541E+16
v=v_elettrone : = 13411115.240906
x0= : -1.3239310389424E-12
y0= : -1.2224043578997E-12

```

```

*****
i=28421
k(28421)=0.9992679575899
kQ(28421)=0.99853645106589
r1= : 1.8046538991421E-12
rpunto1 : = 11468950.103746
rduepunti0 : = -5.1263725653301E+25
fil : = 487.69331013567
fipunto1 : = 3.8337036488656E+18
fi_gradi : = 27942.768367539
t1 : = 1.0808775678337E-14
tpunto1 : = 1.0022779173985
tduepunti0 : = -1.9980426697774E+16
v=v_elettrone : = 13403280.113327
x0= : -1.3243685166515E-12
y0= : -1.2239151301703E-12
*****
i=28422
k(28422)=0.99926872431053
kQ(28422)=0.9985379833852
r1= : 1.8059989626241E-12
rpunto1 : = 11462944.600365
rduepunti0 : = -5.1207113676733E+25
fil : = 487.69375974743
fipunto1 : = 3.8279888968219E+18
fi_gradi : = 27942.794128395
t1 : = 1.0808775795882E-14
tpunto1 : = 1.0022755788488
tduepunti0 : = -1.9940107390432E+16
v=v_elettrone : = 13395456.23415
x0= : -1.3248052084802E-12
y0= : -1.2254251732654E-12
*****
i=28423
k(28423)=0.99926948978369
kQ(28423)=0.99853951321256
r1= : 1.8073433217886E-12
rpunto1 : = 11456945.723243
rduepunti0 : = -5.1150613561565E+25
fil : = 487.69420868896
fipunto1 : = 3.8222898991354E+18
fi_gradi : = 27942.81985085
t1 : = 1.0808775913428E-14
tpunto1 : = 1.002273245013
tduepunti0 : = -1.9899913336595E+16
v=v_elettrone : = 13387643.573258
x0= : -1.3252411159272E-12
y0= : -1.2269344879233E-12
*****
i=28424
k(28424)=0.99927025401237
kQ(28424)=0.99854104055394
r1= : 1.8086869774126E-12
rpunto1 : = 11450953.459295
rduepunti0 : = -5.1094225032932E+25
fil : = 487.69465696213
fipunto1 : = 3.8166065945219E+18
fi_gradi : = 27942.84553501
t1 : = 1.0808776030973E-14
tpunto1 : = 1.0022709158764
tduepunti0 : = -1.9859844011117E+16
v=v_elettrone : = 13379842.101256
x0= : -1.3256762404869E-12
y0= : -1.2284430748808E-12

```

```
*****
i=28425
k(28425)=0.99927101699955
kQ(28425)=0.99854256541532
r1= : 1.8100299302717E-12
rpunto1: = 11444967.795464
rduepunti0 : = -5.1037947816577E+25
fil : = 487.69510456876
fipunto1 : = 3.8109389220034E+18
fi_gradi : = 27942.871180981
t1 : = 1.0808776148518E-14
tpunto1 : = 1.0022685914246
tduepunti0 : = -1.9819898891609E+16
v=v_elettrone : = 13372051.788568
x0= : -1.326110583649E-12
y0= : -1.2299509348734E-12
*****
i=28426
k(28426)=0.99927177874823
kQ(28426)=0.99854408780266
r1= : 1.81137218114E-12
rpunto1: = 11438988.71873
rduepunti0 : = -5.0981781638855E+25
fil : = 487.6955515107
fipunto1 : = 3.8052868209067E+18
fi_gradi : = 27942.896788868
t1 : = 1.0808776266063E-14
tpunto1 : = 1.0022662716429
tduepunti0 : = -1.9780077458423E+16
v=v_elettrone : = 13364272.606803
x0= : -1.3265441468991E-12
y0= : -1.2314580686353E-12
*****
i=28427
k(28427)=0.99927253926138
kQ(28427)=0.99854560772188
r1= : 1.81271373079E-12
rpunto1: = 11433016.216101
rduepunti0 : = -5.0925726226729E+25
fil : = 487.69599778976
fipunto1 : = 3.799650230861E+18
fi_gradi : = 27942.922358775
t1 : = 1.0808776383608E-14
tpunto1 : = 1.002263956517
tduepunti0 : = -1.9740379194634E+16
v=v_elettrone : = 13356504.526487
x0= : -1.3269769317179E-12
y0= : -1.2329644768996E-12
*****
i=28428
k(28428)=0.99927329854194
kQ(28428)=0.9985471251789
r1= : 1.8140545799926E-12
rpunto1: = 11427050.274619
rduepunti0 : = -5.0869781307775E+25
fil : = 487.69644340778
fipunto1 : = 3.7940290917965E+18
fi_gradi : = 27942.947890807
t1 : = 1.0808776501152E-14
tpunto1 : = 1.0022616460325
tduepunti0 : = -1.9700803586021E+16
v=v_elettrone : = 13348747.517974
x0= : -1.3274089395818E-12
y0= : -1.2344701603979E-12
```

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*****
i=28429
k(28429)=0.99927405659289
kQ(28429)=0.99854864017962
r1= : 1.8153947295175E-12
rpunto1 : = 11421090.881358
rduepunti0 : = -5.0813946610178E+25
fil : = 487.69688836655
fipunto1 : = 3.7884233439423E+18
fi_gradi : = 27942.973385066
t1 : = 1.0808776618696E-14
tpunto1 : = 1.0022593401751
tduepunti0 : = -1.9661350121053E+16
v=v_elettrone : = 13341001.553244
x0= : -1.3278401719628E-12
y0= : -1.2359751198605E-12
*****
i=28430
k(28430)=0.99927481341717
kQ(28430)=0.99855015272992
r1= : 1.8167341801325E-12
rpunto1 : = 11415138.023422
rduepunti0 : = -5.075822186274E+25
fil : = 487.69733266789
fipunto1 : = 3.7828329278246E+18
fi_gradi : = 27942.998841658
t1 : = 1.0808776736239E-14
tpunto1 : = 1.0022570389304
tduepunti0 : = -1.9622018290871E+16
v=v_elettrone : = 13333266.603216
x0= : -1.3282706303283E-12
y0= : -1.2374793560165E-12
*****
i=28431
k(28431)=0.99927556901771
kQ(28431)=0.99855166283567
r1= : 1.818072932604E-12
rpunto1 : = 11409191.687949
rduepunti0 : = -5.0702606794873E+25
fil : = 487.6977763136
fipunto1 : = 3.7772577842653E+18
fi_gradi : = 27943.024260684
t1 : = 1.0808776853783E-14
tpunto1 : = 1.0022547422843
tduepunti0 : = -1.9582807589272E+16
v=v_elettrone : = 13325542.639526
x0= : -1.3287003161415E-12
y0= : -1.2389828695939E-12
*****
i=28432
k(28432)=0.99927632339744
kQ(28432)=0.99855317050271
r1= : 1.8194109876972E-12
rpunto1 : = 11403251.862106
rduepunti0 : = -5.0647101136605E+25
fil : = 487.69821930545
fipunto1 : = 3.7716978543794E+18
fi_gradi : = 27943.049642248
t1 : = 1.0808776971326E-14
tpunto1 : = 1.0022524502227
tduepunti0 : = -1.9543717512689E+16
v=v_elettrone : = 13317829.632745
x0= : -1.329129230861E-12
y0= : -1.2404856613191E-12

```

```
*****
i=28433
k(28433)=0.99927707655928
kQ(28433)=0.99855467573686
r1= : 1.8207483461753E-12
rpunto1 : = 11397318.533095
rduepunti0 : = -5.0591704618576E+25
fil : = 487.69866164525
fipunto1 : = 3.7661530795742E+18
fi_gradi : = 27943.074986452
t1 : = 1.0808777088869E-14
tpunto1 : = 1.0022501627314
tduepunti0 : = -1.950474756018E+16
v=v_elettrone : = 13310127.555082
x0= : -1.3295573759413E-12
y0= : -1.2419877319174E-12
*****
i=28434
k(28434)=0.99927782850614
kQ(28434)=0.99855617854394
r1= : 1.8220850088003E-12
rpunto1 : = 11391391.688147
rduepunti0 : = -5.0536416972043E+25
fil : = 487.69910333476
fipunto1 : = 3.7606234015468E+18
fi_gradi : = 27943.100293396
t1 : = 1.0808777206411E-14
tpunto1 : = 1.0022478797964
tduepunti0 : = -1.9465897233408E+16
v=v_elettrone : = 13302436.378131
x0= : -1.3299847528323E-12
y0= : -1.2434890821128E-12
*****
i=28435
k(28435)=0.99927857924092
kQ(28435)=0.99855767892975
r1= : 1.8234209763328E-12
rpunto1 : = 11385471.314525
rduepunti0 : = -5.0481237928878E+25
fil : = 487.69954437576
fipunto1 : = 3.7551087622826E+18
fi_gradi : = 27943.125563184
t1 : = 1.0808777323954E-14
tpunto1 : = 1.0022456014037
tduepunti0 : = -1.9427166036624E+16
v=v_elettrone : = 13294756.073305
x0= : -1.3304113629797E-12
y0= : -1.244989712628E-12
*****
i=28436
k(28436)=0.99927932876651
kQ(28436)=0.99855917690004
r1= : 1.8247562495315E-12
rpunto1 : = 11379557.399524
rduepunti0 : = -5.042616722157E+25
fil : = 487.69998477001
fipunto1 : = 3.7496091040537E+18
fi_gradi : = 27943.150795916
t1 : = 1.0808777441496E-14
tpunto1 : = 1.0022433275395
tduepunti0 : = -1.9388553476656E+16
v=v_elettrone : = 13287086.613232
x0= : -1.3308372078248E-12
y0= : -1.2464896241844E-12
```

```
*****
i=28437
k(28437)=0.99928007708579
kQ(28437)=0.99856067246059
r1= : 1.826090829154E-12
rpunto1 : = 11373649.930469
rduepunti0 : = -5.0371204583222E+25
fil : = 487.70042451926
fipunto1 : = 3.744124369417E+18
fi_gradi : = 27943.175991692
t1 : = 1.0808777559038E-14
tpunto1 : = 1.0022410581899
tduepunti0 : = -1.9350059062886E+16
v=v_elettrone : = 13279427.968533
x0= : -1.3312622888046E-12
y0= : -1.2479888175024E-12
*****
i=28438
k(28438)=0.99928082420165
kQ(28438)=0.99856216561713
r1= : 1.8274247159563E-12
rpunto1 : = 11367748.894717
rduepunti0 : = -5.0316349747557E+25
fil : = 487.70086362528
fipunto1 : = 3.7386545012126E+18
fi_gradi : = 27943.201150614
t1 : = 1.0808777676579E-14
tpunto1 : = 1.002238793341
tduepunti0 : = -1.931168230724E+16
v=v_elettrone : = 13271780.112869
x0= : -1.3316866073519E-12
y0= : -1.2494872933007E-12
*****
i=28439
k(28439)=0.99928157011695
kQ(28439)=0.99856365637539
r1= : 1.8287579106928E-12
rpunto1 : = 11361854.279657
rduepunti0 : = -5.0261602448913E+25
fil : = 487.70130208979
fipunto1 : = 3.733199442562E+18
fi_gradi : = 27943.22627278
t1 : = 1.080877779412E-14
tpunto1 : = 1.0022365329792
tduepunti0 : = -1.9273422724167E+16
v=v_elettrone : = 13264143.016999
x0= : -1.3321101648952E-12
y0= : -1.2509850522971E-12
*****
i=28440
k(28440)=0.99928231483454
kQ(28440)=0.99856514474108
r1= : 1.8300904141165E-12
rpunto1 : = 11355966.072708
rduepunti0 : = -5.0206962422247E+25
fil : = 487.70173991455
fipunto1 : = 3.7277591368663E+18
fi_gradi : = 27943.25135829
t1 : = 1.0808777911661E-14
tpunto1 : = 1.0022342770907
tduepunti0 : = -1.9235279830631E+16
v=v_elettrone : = 13256516.653795
x0= : -1.3325329628586E-12
y0= : -1.252482095208E-12
```

```
*****
i=28441
k(28441)=0.99928305835727
kQ(28441)=0.99856663071987
r1= : 1.831422226979E-12
rpunto1 : = 11350084.26132
rduepunti0 : = -5.0152429403132E+25
fil : = 487.70217710127
fipunto1 : = 3.7223335278051E+18
fi_gradi : = 27943.276407244
t1 : = 1.0808778029202E-14
tpunto1 : = 1.0022320256619
tduepunti0 : = -1.9197253146086E+16
v=v_elettrone : = 13248900.995507
x0= : -1.3329550026622E-12
y0= : -1.2539784227485E-12
*****
i=28442
k(28442)=0.99928380068799
kQ(28442)=0.99856811431744
r1= : 1.8327533500304E-12
rpunto1 : = 11344208.832975
rduepunti0 : = -5.0098003127761E+25
fil : = 487.70261365168
fipunto1 : = 3.7169225593339E+18
fi_gradi : = 27943.301419741
t1 : = 1.0808778146742E-14
tpunto1 : = 1.0022297786793
tduepunti0 : = -1.9159342192467E+16
v=v_elettrone : = 13241296.015148
x0= : -1.3333762857218E-12
y0= : -1.2554740356326E-12
*****
i=28443
k(28443)=0.99928454182953
kQ(28443)=0.99856959553945
r1= : 1.8340837840192E-12
rpunto1 : = 11338339.775184
rduepunti0 : = -5.0043683332945E+25
fil : = 487.7030495675
fipunto1 : = 3.7115261756835E+18
fi_gradi : = 27943.326395877
t1 : = 1.0808778264283E-14
tpunto1 : = 1.0022275361293
tduepunti0 : = -1.9121546494175E+16
v=v_elettrone : = 13233701.684197
x0= : -1.3337968134488E-12
y0= : -1.2569689345729E-12
*****
i=28444
k(28444)=0.99928528178471
kQ(28444)=0.99857107439154
r1= : 1.8354135296926E-12
rpunto1 : = 11332477.075491
rduepunti0 : = -4.9989469756114E+25
fil : = 487.70348485044
fipunto1 : = 3.7061443213573E+18
fi_gradi : = 27943.351335753
t1 : = 1.0808778381823E-14
tpunto1 : = 1.0022252979985
tduepunti0 : = -1.9083865578055E+16
v=v_elettrone : = 13226117.976242
x0= : -1.3342165872509E-12
y0= : -1.2584631202808E-12
```

```
*****
i=28445
k(28445)=0.99928602055634
kQ(28445)=0.99857255087932
r1= : 1.8367425877962E-12
rpunto1: = 11326620.721468
rduepunti0 : = -4.9935362135317E+25
fil : = 487.7039195022
fipunto1 : = 3.7007769411307E+18
fi_gradi : = 27943.376239464
t1 : = 1.0808778499362E-14
tpunto1 : = 1.0022230642734
tduepunti0 : = -1.9046298973391E+16
v=v_elettrone : = 13218544.863834
x0= : -1.3346356085311E-12
y0= : -1.2599565934664E-12
*****
i=28446
k(28446)=0.99928675814723
kQ(28446)=0.9985740250084
r1= : 1.8380709590743E-12
rpunto1: = 11320770.700721
rduepunti0 : = -4.9881360209221E+25
fil : = 487.70435352449
fipunto1 : = 3.6954239800485E+18
fi_gradi : = 27943.401107109
t1 : = 1.0808778616902E-14
tpunto1 : = 1.0022208349408
tduepunti0 : = -1.9008846211882E+16
v=v_elettrone : = 13210982.319329
x0= : -1.3350538786885E-12
y0= : -1.2614493548388E-12
*****
i=28447
k(28447)=0.99928749456018
kQ(28447)=0.99857549678437
r1= : 1.8393986442696E-12
rpunto1: = 11314927.000885
rduepunti0 : = -4.9827463717113E+25
fil : = 487.70478691898
fipunto1 : = 3.6900853834243E+18
fi_gradi : = 27943.425938785
t1 : = 1.0808778734441E-14
tpunto1 : = 1.0022186099873
tduepunti0 : = -1.8971506827631E+16
v=v_elettrone : = 13203430.316323
x0= : -1.3354713991181E-12
y0= : -1.2629414051055E-12
*****
i=28448
k(28448)=0.99928822979798
kQ(28448)=0.99857696621279
r1= : 1.8407256441234E-12
rpunto1: = 11309089.609623
rduepunti0 : = -4.97736723989E+25
fil : = 487.70521968737
fipunto1 : = 3.6847610968379E+18
fi_gradi : = 27943.450734587
t1 : = 1.080877885198E-14
tpunto1 : = 1.0022163893996
tduepunti0 : = -1.8934280357132E+16
v=v_elettrone : = 13195888.827327
x0= : -1.3358881712107E-12
y0= : -1.264432744973E-12
```



```

*****
i=28449
k(28449)=0.99928896386342
kQ(28449)=0.99857843329922
r1= : 1.8420519593756E-12
rpunto1 : = 11303258.514633
rduepunti0 : = -4.9719985995107E+25
fil : = 487.70565183134
fipunto1 : = 3.6794510661345E+18
fi_gradi : = 27943.475494613
t1 : = 1.0808778969518E-14
tpunto1 : = 1.0022141731646
tduepunti0 : = -1.8897166339252E+16
v=v_elettrone : = 13188357.826082
x0= : -1.3363041963532E-12
y0= : -1.2659233751465E-12
*****
i=28450
k(28450)=0.99928969675925
kQ(28450)=0.9985798980492
r1= : 1.8433775907646E-12
rpunto1 : = 11297433.703641
rduepunti0 : = -4.966640424688E+25
fil : = 487.70608335255
fipunto1 : = 3.6741552374228E+18
fi_gradi : = 27943.500218957
t1 : = 1.0808779087057E-14
tpunto1 : = 1.0022119612692
tduepunti0 : = -1.8860164315218E+16
v=v_elettrone : = 13180837.285264
x0= : -1.336719475928E-12
y0= : -1.26741329633E-12
*****
i=28451
k(28451)=0.99929042848825
kQ(28451)=0.99858136046824
r1= : 1.8447025390273E-12
rpunto1 : = 11291615.164402
rduepunti0 : = -4.9612926895984E+25
fil : = 487.70651425268
fipunto1 : = 3.6688735570732E+18
fi_gradi : = 27943.524907716
t1 : = 1.0808779204595E-14
tpunto1 : = 1.0022097537002
tduepunti0 : = -1.8823273828603E+16
v=v_elettrone : = 13173327.17875
x0= : -1.3371340113139E-12
y0= : -1.2689025092262E-12
*****
i=28452
k(28452)=0.99929115905318
kQ(28452)=0.99858282056185
r1= : 1.8460268048994E-12
rpunto1 : = 11285802.884704
rduepunti0 : = -4.9559553684803E+25
fil : = 487.70694453338
fipunto1 : = 3.663605971717E+18
fi_gradi : = 27943.549560983
t1 : = 1.0808779322133E-14
tpunto1 : = 1.0022075504447
tduepunti0 : = -1.8786494425308E+16
v=v_elettrone : = 13165827.479364
x0= : -1.3375478038853E-12
y0= : -1.2703910145367E-12

```

```
*****
i=28453
k(28453)=0.99929188845678
kQ(28453)=0.99858427833552
r1= : 1.8473503891149E-12
rpunto1 : = 11279996.852363
rduepunti0 : = -4.9506284356341E+25
fil : = 487.7073741963
fipunto1 : = 3.6583524282439E+18
fi_gradi : = 27943.574178855
t1 : = 1.080877943967E-14
tpunto1 : = 1.0022053514897
tduepunti0 : = -1.8749825653555E+16
v=v_elettrone : = 13158338.161155
x0= : -1.3379608550128E-12
y0= : -1.2718788129616E-12
*****
i=28454
k(28454)=0.99929261670179
kQ(28454)=0.99858573379471
r1= : 1.8486732924066E-12
rpunto1 : = 11274197.055226
rduepunti0 : = -4.9453118654222E+25
fil : = 487.70780324309
fipunto1 : = 3.6531128738011E+18
fi_gradi : = 27943.598761426
t1 : = 1.0808779557208E-14
tpunto1 : = 1.0022031568222
tduepunti0 : = -1.8713267063865E+16
v=v_elettrone : = 13150859.197558
x0= : -1.3383731660629E-12
y0= : -1.2733659052E-12
*****
i=28455
k(28455)=0.99929334379095
kQ(28455)=0.99858718694489
r1= : 1.8499955155056E-12
rpunto1 : = 11268403.48117
rduepunti0 : = -4.9400056322688E+25
fil : = 487.70823167539
fipunto1 : = 3.6478872557919E+18
fi_gradi : = 27943.623308789
t1 : = 1.0808779674745E-14
tpunto1 : = 1.0022009664293
tduepunti0 : = -1.8676818209049E+16
v=v_elettrone : = 13143390.562326
x0= : -1.338784738398E-12
y0= : -1.2748522919499E-12
*****
i=28456
k(28456)=0.99929406972697
kQ(28456)=0.99858863779149
r1= : 1.8513170591418E-12
rpunto1 : = 11262616.118101
rduepunti0 : = -4.9347097106603E+25
fil : = 487.70865949485
fipunto1 : = 3.6426755218735E+18
fi_gradi : = 27943.647821038
t1 : = 1.0808779792281E-14
tpunto1 : = 1.0021987802984
tduepunti0 : = -1.8640478644194E+16
v=v_elettrone : = 13135932.229514
x0= : -1.3391955733767E-12
y0= : -1.2763379739078E-12
```

```
*****
i=28457
k(28457)=0.99929479451257
kQ(28457)=0.99859008633992
r1= : 1.8526379240436E-12
rpunto1: = 11256834.953957
rduepunti0 : = -4.9294240751447E+25
fil : = 487.70908670307
fipunto1 : = 3.6374776199563E+18
fi_gradi : = 27943.672298266
t1 : = 1.0808779909818E-14
tpunto1 : = 1.0021965984165
tduepunti0 : = -1.8604247926644E+16
v=v_elettrone : = 13128484.172575
x0= : -1.3396056723534E-12
y0= : -1.2778229517691E-12
*****
i=28458
k(28458)=0.99929551815046
kQ(28458)=0.99859153259561
r1= : 1.8539581109381E-12
rpunto1: = 11251059.976704
rduepunti0 : = -4.9241487003322E+25
fil : = 487.70951330169
fipunto1 : = 3.6322934982017E+18
fi_gradi : = 27943.696740567
t1 : = 1.0808780027354E-14
tpunto1 : = 1.002194420771
tduepunti0 : = -1.8568125615993E+16
v=v_elettrone : = 13121046.365735
x0= : -1.3400150366789E-12
y0= : -1.279307226228E-12
*****
i=28459
k(28459)=0.99929624064335
kQ(28459)=0.99859297656392
r1= : 1.8552776205507E-12
rpunto1: = 11245291.174337
rduepunti0 : = -4.9188835608948E+25
fil : = 487.70993929233
fipunto1 : = 3.6271231050211E+18
fi_gradi : = 27943.721148032
t1 : = 1.080878014489E-14
tpunto1 : = 1.0021922473492
tduepunti0 : = -1.8532111274067E+16
v=v_elettrone : = 13113618.783075
x0= : -1.3404236676996E-12
y0= : -1.2807907979774E-12
*****
i=28460
k(28460)=0.9992969619939
kQ(28460)=0.99859441825025
r1= : 1.8565964536058E-12
rpunto1: = 11239528.534883
rduepunti0 : = -4.9136286315662E+25
fil : = 487.71036467659
fipunto1 : = 3.6219663890745E+18
fi_gradi : = 27943.745520755
t1 : = 1.0808780262426E-14
tpunto1 : = 1.0021900781385
tduepunti0 : = -1.8496204464912E+16
v=v_elettrone : = 13106201.398986
x0= : -1.3408315667584E-12
y0= : -1.2822736677092E-12
```

```
*****
i=28461
k(28461)=0.99929768220483
kQ(28461)=0.99859585765994
r1= : 1.857914610826E-12
rpunto1 : = 11233772.046396
rduepunti0 : = -4.9083838871422E+25
fil : = 487.71078945607
fipunto1 : = 3.6168232992685E+18
fi_gradi : = 27943.769858826
t1 : = 1.0808780379962E-14
tpunto1 : = 1.0021879131263
tduepunti0 : = -1.8460404754779E+16
v=v_elettrone : = 13098794.187264
x0= : -1.3412387351941E-12
y0= : -1.2837558361139E-12
*****
i=28462
k(28462)=0.99929840127878
kQ(28462)=0.99859729479833
r1= : 1.8592320929328E-12
rpunto1 : = 11228021.696962
rduepunti0 : = -4.9031493024805E+25
fil : = 487.71121363238
fipunto1 : = 3.6116937847553E+18
fi_gradi : = 27943.794162339
t1 : = 1.0808780497497E-14
tpunto1 : = 1.0021857523002
tduepunti0 : = -1.8424711712115E+16
v=v_elettrone : = 13091397.122944
x0= : -1.3416451743415E-12
y0= : -1.2852373038808E-12
*****
i=28463
k(28463)=0.99929911921845
kQ(28463)=0.99859872967076
r1= : 1.8605489006461E-12
rpunto1 : = 11222277.474695
rduepunti0 : = -4.8979248525002E+25
fil : = 487.71163720711
fipunto1 : = 3.6065777949314E+18
fi_gradi : = 27943.818431383
t1 : = 1.0808780615032E-14
tpunto1 : = 1.0021835956477
tduepunti0 : = -1.8389124907542E+16
v=v_elettrone : = 13084010.179987
x0= : -1.3420508855318E-12
y0= : -1.2867180716982E-12
*****
i=28464
k(28464)=0.99929983602647
kQ(28464)=0.99860016228253
r1= : 1.8618650346846E-12
rpunto1 : = 11216539.367738
rduepunti0 : = -4.8927105121826E+25
fil : = 487.71206018184
fipunto1 : = 3.6014752794355E+18
fi_gradi : = 27943.84266605
t1 : = 1.0808780732567E-14
tpunto1 : = 1.0021814431563
tduepunti0 : = -1.8353643913853E+16
v=v_elettrone : = 13076633.333137
x0= : -1.3424558700921E-12
y0= : -1.2881981402528E-12
```

```

*****
i=28465
k(28465)=0.99930055170551
kQ(28465)=0.99860159263893
r1= : 1.8631804957653E-12
rpunto1 : = 11210807.364264
rduepunti0 : = -4.8875062565707E+25
fil : = 487.71248255816
fipunto1 : = 3.5963861881479E+18
fi_gradi : = 27943.86686643
t1 : = 1.0808780850101E-14
tpunto1 : = 1.0021792948137
tduepunti0 : = -1.831826830599E+16
v=v_elettrone : = 13069266.557014
x0= : -1.3428601293457E-12
y0= : -1.2896775102305E-12
*****
i=28466
k(28466)=0.9993012662582
kQ(28466)=0.99860302074524
r1= : 1.8644952846042E-12
rpunto1 : = 11205081.452474
rduepunti0 : = -4.8823120607689E+25
fil : = 487.71290433763
fipunto1 : = 3.5913104711884E+18
fi_gradi : = 27943.891032614
t1 : = 1.0808780967636E-14
tpunto1 : = 1.0021771506076
tduepunti0 : = -1.8282997661039E+16
v=v_elettrone : = 13061909.826535
x0= : -1.3432636646123E-12
y0= : -1.2911561823159E-12
*****
i=28467
k(28467)=0.99930197968718
kQ(28467)=0.99860444660672
r1= : 1.8658094019156E-12
rpunto1 : = 11199361.620601
rduepunti0 : = -4.8771278999438E+25
fil : = 487.71332552183
fipunto1 : = 3.5862480789154E+18
fi_gradi : = 27943.915164691
t1 : = 1.080878108517E-14
tpunto1 : = 1.0021750105258
tduepunti0 : = -1.8247831558211E+16
v=v_elettrone : = 13054563.1165
x0= : -1.3436664772074E-12
y0= : -1.2926341571923E-12
*****
i=28468
k(28468)=0.99930269199508
kQ(28468)=0.99860587022862
r1= : 1.8671228484126E-12
rpunto1 : = 11193647.856904
rduepunti0 : = -4.8719537493232E+25
fil : = 487.71374611232
fipunto1 : = 3.5811989619243E+18
fi_gradi : = 27943.939262751
t1 : = 1.0808781202703E-14
tpunto1 : = 1.002172874556
tduepunti0 : = -1.8212769578833E+16
v=v_elettrone : = 13047226.40156
x0= : -1.344068568443E-12
y0= : -1.2941114355419E-12

```

```
*****
i=28469
k(28469)=0.99930340318452
kQ(28469)=0.99860729161617
r1= : 1.8684356248069E-12
rpunto1 : = 11187940.149673
rduepunti0 : = -4.8667895841968E+25
fil : = 487.71416611065
fipunto1 : = 3.5761630710461E+18
fi_gradi : = 27943.963326883
t1 : = 1.0808781320237E-14
tpunto1 : = 1.002170742686
tduepunti0 : = -1.8177811306332E+16
v=v_elettrone : = 13039899.656688
x0= : -1.3444699396271E-12
y0= : -1.2955880180457E-12
*****
i=28470
k(28470)=0.99930411325811
kQ(28470)=0.99860871077458
r1= : 1.8697477318087E-12
rpunto1 : = 11182238.487224
rduepunti0 : = -4.8616353799158E+25
fil : = 487.71458551838
fipunto1 : = 3.5711403573461E+18
fi_gradi : = 27943.987357176
t1 : = 1.080878143777E-14
tpunto1 : = 1.0021686149038
tduepunti0 : = -1.8142956326226E+16
v=v_elettrone : = 13032582.857659
x0= : -1.3448705920642E-12
y0= : -1.2970639053834E-12
*****
i=28471
k(28471)=0.99930482221845
kQ(28471)=0.99861012770905
r1= : 1.871059170127E-12
rpunto1 : = 11176542.857907
rduepunti0 : = -4.8564911118929E+25
fil : = 487.71500433706
fipunto1 : = 3.5661307721224E+18
fi_gradi : = 27944.011353718
t1 : = 1.0808781555303E-14
tpunto1 : = 1.0021664911973
tduepunti0 : = -1.8108204226108E+16
v=v_elettrone : = 13025275.978711
x0= : -1.3452705270547E-12
y0= : -1.2985390982337E-12
*****
i=28472
k(28472)=0.99930553006814
kQ(28472)=0.99861154242477
r1= : 1.8723699404694E-12
rpunto1 : = 11170853.250095
rduepunti0 : = -4.8513567556024E+25
fil : = 487.71542256822
fipunto1 : = 3.5611342669047E+18
fi_gradi : = 27944.035316598
t1 : = 1.0808781672836E-14
tpunto1 : = 1.0021643715544
tduepunti0 : = -1.8073554595637E+16
v=v_elettrone : = 13017978.995805
x0= : -1.3456697458957E-12
y0= : -1.3000135972741E-12
```

```
*****
i=28473
k(28473)=0.99930623680977
kQ(28473)=0.99861295492691
r1= : 1.8736800435419E-12
rpunto1 : = 11165169.652193
rduepunti0 : = -4.8462322865799E+25
fil : = 487.71584021339
fipunto1 : = 3.5561507934532E+18
fi_gradi : = 27944.059245904
t1 : = 1.0808781790369E-14
tpunto1 : = 1.0021622559632
tduepunti0 : = -1.8039007026522E+16
v=v_elettrone : = 13010691.884305
x0= : -1.3460682498801E-12
y0= : -1.3014874031807E-12
*****
i=28474
k(28474)=0.99930694244592
kQ(28474)=0.99861436522061
r1= : 1.8749894800496E-12
rpunto1 : = 11159492.052635
rduepunti0 : = -4.8411176804226E+25
fil : = 487.71625727411
fipunto1 : = 3.5511803037566E+18
fi_gradi : = 27944.083141723
t1 : = 1.0808781907901E-14
tpunto1 : = 1.0021601444118
tduepunti0 : = -1.8004561112513E+16
v=v_elettrone : = 13003414.618973
x0= : -1.3464660402973E-12
y0= : -1.3029605166287E-12
*****
i=28475
k(28475)=0.99930764697915
kQ(28475)=0.99861577331101
r1= : 1.8762982506957E-12
rpunto1 : = 11153820.439882
rduepunti0 : = -4.8360129127891E+25
fil : = 487.71667375189
fipunto1 : = 3.5462227500313E+18
fi_gradi : = 27944.107004142
t1 : = 1.0808782025433E-14
tpunto1 : = 1.0021580368883
tduepunti0 : = -1.7970216449386E+16
v=v_elettrone : = 12996147.175839
x0= : -1.3468631184332E-12
y0= : -1.304432938292E-12
*****
i=28476
k(28476)=0.99930835041205
kQ(28476)=0.99861717920325
r1= : 1.8776063561826E-12
rpunto1 : = 11148154.802423
rduepunti0 : = -4.8309179593989E+25
fil : = 487.71708964826
fipunto1 : = 3.54127808472E+18
fi_gradi : = 27944.130833249
t1 : = 1.0808782142965E-14
tpunto1 : = 1.0021559333809
tduepunti0 : = -1.7935972634932E+16
v=v_elettrone : = 12988889.530797
x0= : -1.3472594855696E-12
y0= : -1.3059046688432E-12
```

```
*****
i=28477
k(28477)=0.99930905274715
kQ(28477)=0.99861858290241
r1= : 1.8789137972109E-12
rpunto1 : = 11142495.128777
rduepunti0 : = -4.8258327960333E+25
fil : = 487.71750496473
fipunto1 : = 3.5363462604904E+18
fi_gradi : = 27944.15462913
t1 : = 1.0808782260496E-14
tpunto1 : = 1.0021538338778
tduepunti0 : = -1.7901829268947E+16
v=v_elettrone : = 12981641.659139
x0= : -1.3476551429851E-12
y0= : -1.307375708954E-12
*****
i=28478
k(28478)=0.99930975398702
kQ(28478)=0.9986199844136
r1= : 1.88022057448E-12
rpunto1 : = 11136841.407492
rduepunti0 : = -4.8207573985345E+25
fil : = 487.7179197028
fipunto1 : = 3.5314272302337E+18
fi_gradi : = 27944.178391871
t1 : = 1.0808782378028E-14
tpunto1 : = 1.0021517383672
tduepunti0 : = -1.7867785953217E+16
v=v_elettrone : = 12974403.536501
x0= : -1.3480500919542E-12
y0= : -1.3088460592948E-12
*****
i=28479
k(28479)=0.9993104541342
kQ(28479)=0.99862138374189
r1= : 1.8815266886882E-12
rpunto1 : = 11131193.627141
rduepunti0 : = -4.8156917428059E+25
fil : = 487.71833386397
fipunto1 : = 3.5265209470636E+18
fi_gradi : = 27944.202121558
t1 : = 1.0808782495559E-14
tpunto1 : = 1.0021496468375
tduepunti0 : = -1.7833842291506E+16
v=v_elettrone : = 12967175.139314
x0= : -1.3484443337482E-12
y0= : -1.3103157205348E-12
*****
i=28480
k(28480)=0.99931115319121
kQ(28480)=0.99862278089235
r1= : 1.882832140532E-12
rpunto1 : = 11125551.776328
rduepunti0 : = -4.810635804812E+25
fil : = 487.71874744974
fipunto1 : = 3.5216273643148E+18
fi_gradi : = 27944.225818277
t1 : = 1.0808782613089E-14
tpunto1 : = 1.002147559277
tduepunti0 : = -1.7799997889548E+16
v=v_elettrone : = 12959956.443428
x0= : -1.3488378696343E-12
y0= : -1.311784693342E-12
```



```
*****
i=28481
k(28481)=0.9993118511606
kQ(28481)=0.99862417587002
r1= : 1.8841369307069E-12
rpunto1 : = 11119915.843684
rduepunti0 : = -4.8055895605784E+25
fil : = 487.7191604616
fipunto1 : = 3.5167464355419E+18
fi_gradi : = 27944.249482113
t1 : = 1.080878273062E-14
tpunto1 : = 1.0021454756741
tduepunti0 : = -1.776625235503E+16
v=v_elettrone : = 12952747.424534
x0= : -1.3492307008764E-12
y0= : -1.3132529783834E-12
*****
i=28482
k(28482)=0.99931254804487
kQ(28482)=0.99862556867993
r1= : 1.885441059907E-12
rpunto1 : = 11114285.81787
rduepunti0 : = -4.8005529861916E+25
fil : = 487.71957290102
fipunto1 : = 3.5118781145178E+18
fi_gradi : = 27944.273113152
t1 : = 1.080878284815E-14
tpunto1 : = 1.0021433960173
tduepunti0 : = -1.7732605297587E+16
v=v_elettrone : = 12945548.058693
x0= : -1.3496228287347E-12
y0= : -1.3147205763247E-12
*****
i=28483
k(28483)=0.99931324384654
kQ(28483)=0.99862695932709
r1= : 1.886744528825E-12
rpunto1 : = 11108661.687571
rduepunti0 : = -4.7955260577992E+25
fil : = 487.7199847695
fipunto1 : = 3.5070223552331E+18
fi_gradi : = 27944.296711477
t1 : = 1.080878296568E-14
tpunto1 : = 1.0021413202951
tduepunti0 : = -1.7699056328782E+16
v=v_elettrone : = 12938358.322761
x0= : -1.350014254466E-12
y0= : -1.3161874878306E-12
*****
i=28484
k(28484)=0.99931393856812
kQ(28484)=0.99862834781652
r1= : 1.8880473381524E-12
rpunto1 : = 11103043.441503
rduepunti0 : = -4.7905087516094E+25
fil : = 487.7203960685
fipunto1 : = 3.5021791118942E+18
fi_gradi : = 27944.320277174
t1 : = 1.080878308321E-14
tpunto1 : = 1.002139248496
tduepunti0 : = -1.7665605062102E+16
v=v_elettrone : = 12931178.192526
x0= : -1.3504049793233E-12
y0= : -1.3176537135644E-12
```

```
*****
i=28485
k(28485)=0.99931463221209
kQ(28485)=0.99862973415319
r1= : 1.8893494885792E-12
rpunto1 : = 11097431.068409
rduepunti0 : = -4.7855010438914E+25
fil : = 487.72080679949
fipunto1 : = 3.4973483389224E+18
fi_gradi : = 27944.343810326
t1 : = 1.080878320074E-14
tpunto1 : = 1.0021371806087
tduepunti0 : = -1.7632251112945E+16
v=v_elettrone : = 12924007.644125
x0= : -1.350795004556E-12
y0= : -1.3191192541886E-12
*****
i=28486
k(28486)=0.99931532478097
kQ(28486)=0.99863111834209
r1= : 1.8906509807943E-12
rpunto1 : = 11091824.55706
rduepunti0 : = -4.7805029109749E+25
fil : = 487.72121696393
fipunto1 : = 3.4925299909524E+18
fi_gradi : = 27944.367311018
t1 : = 1.0808783318269E-14
tpunto1 : = 1.0021351166216
tduepunti0 : = -1.7598994098603E+16
v=v_elettrone : = 12916846.654982
x0= : -1.3511843314103E-12
y0= : -1.3205841103641E-12
*****
i=28487
k(28487)=0.99931601627721
kQ(28487)=0.99863250038816
r1= : 1.891951815485E-12
rpunto1 : = 11086223.896255
rduepunti0 : = -4.7755143292507E+25
fil : = 487.72162656328
fipunto1 : = 3.4877240228317E+18
fi_gradi : = 27944.390779332
t1 : = 1.0808783435798E-14
tpunto1 : = 1.0021330565236
tduepunti0 : = -1.756583363826E+16
v=v_elettrone : = 12909695.200506
x0= : -1.3515729611284E-12
y0= : -1.322048282751E-12
*****
i=28488
k(28488)=0.99931670670331
kQ(28488)=0.99863388029635
r1= : 1.8932519933375E-12
rpunto1 : = 11080629.07482
rduepunti0 : = -4.7705352751696E+25
fil : = 487.722035599
fipunto1 : = 3.4829303896185E+18
fi_gradi : = 27944.414215352
t1 : = 1.0808783553327E-14
tpunto1 : = 1.0021310003033
tduepunti0 : = -1.7532769352973E+16
v=v_elettrone : = 12902553.257866
x0= : -1.3519608949495E-12
y0= : -1.3235117720082E-12
```

```
*****
i=28489
k(28489)=0.99931739606172
kQ(28489)=0.99863525807158
r1= : 1.8945515150367E-12
rpunto1 : = 11075040.081607
rduepunti0 : = -4.7655657252435E+25
fil : = 487.72244407253
fipunto1 : = 3.4781490465812E+18
fi_gradi : = 27944.437619161
t1 : = 1.0808783670856E-14
tpunto1 : = 1.0021289479496
tduepunti0 : = -1.7499800865665E+16
v=v_elettrone : = 12895420.804106
x0= : -1.3523481341089E-12
y0= : -1.3249745787934E-12
*****
i=28490
k(28490)=0.99931808435492
kQ(28490)=0.99863663371878
r1= : 1.8958503812661E-12
rpunto1 : = 11069456.905499
rduepunti0 : = -4.7606056560444E+25
fil : = 487.7228519853
fipunto1 : = 3.473379949197E+18
fi_gradi : = 27944.460990842
t1 : = 1.0808783788384E-14
tpunto1 : = 1.0021268994511
tduepunti0 : = -1.7466927801113E+16
v=v_elettrone : = 12888297.815691
x0= : -1.3527346798386E-12
y0= : -1.3264367037631E-12
*****
i=28491
k(28491)=0.99931877158534
kQ(28491)=0.99863800724284
r1= : 1.8971485927079E-12
rpunto1 : = 11063879.535404
rduepunti0 : = -4.7556550442047E+25
fil : = 487.72325933876
fipunto1 : = 3.4686230531505E+18
fi_gradi : = 27944.484330476
t1 : = 1.0808783905912E-14
tpunto1 : = 1.0021248547968
tduepunti0 : = -1.7434149785937E+16
v=v_elettrone : = 12881184.268938
x0= : -1.3531205333669E-12
y0= : -1.3278981475729E-12
*****
i=28492
k(28492)=0.99931945775545
kQ(28492)=0.99863937864864
r1= : 1.8984461500429E-12
rpunto1 : = 11058307.960257
rduepunti0 : = -4.7507138664173E+25
fil : = 487.72366613434
fipunto1 : = 3.4638783143329E+18
fi_gradi : = 27944.507638145
t1 : = 1.080878402344E-14
tpunto1 : = 1.0021228139755
tduepunti0 : = -1.740146644859E+16
v=v_elettrone : = 12874080.141947
x0= : -1.3535056959191E-12
y0= : -1.329358910877E-12
```

```
*****
i=28493
k(28493)=0.99932014286767
kQ(28493)=0.99864074794105
r1= : 1.899743053951E-12
rpunto1 : = 11052742.169023
rduepunti0 : = -4.7457820994353E+25
fil : = 487.72407237347
fipunto1 : = 3.4591456888405E+18
fi_gradi : = 27944.530913933
t1 : = 1.0808784140968E-14
tpunto1 : = 1.0021207769763
tduepunti0 : = -1.7368877419344E+16
v=v_elettrone : = 12866985.410802
x0= : -1.3538901687165E-12
y0= : -1.3308189943286E-12
*****
i=28494
k(28494)=0.99932082692444
kQ(28494)=0.99864211512494
r1= : 1.9010393051103E-12
rpunto1 : = 11047182.15069
rduepunti0 : = -4.7408597200717E+25
fil : = 487.72447805755
fipunto1 : = 3.4544251329737E+18
fi_gradi : = 27944.554157919
t1 : = 1.0808784258495E-14
tpunto1 : = 1.002118743788
tduepunti0 : = -1.7336382330286E+16
v=v_elettrone : = 12859900.052894
x0= : -1.3542739529774E-12
y0= : -1.3322783985797E-12
*****
i=28495
k(28495)=0.99932150992818
kQ(28495)=0.99864348020514
r1= : 1.9023349041979E-12
rpunto1 : = 11041627.894278
rduepunti0 : = -4.7359467051998E+25
fil : = 487.72488318802
fipunto1 : = 3.4497166032357E+18
fi_gradi : = 27944.577370185
t1 : = 1.0808784376022E-14
tpunto1 : = 1.0021167143998
tduepunti0 : = -1.7303980815298E+16
v=v_elettrone : = 12852824.045467
x0= : -1.3546570499164E-12
y0= : -1.3337371242812E-12
*****
i=28496
k(28496)=0.99932219188131
kQ(28496)=0.99864484318647
r1= : 1.9036298518896E-12
rpunto1 : = 11036079.388829
rduepunti0 : = -4.731043031753E+25
fil : = 487.72528776627
fipunto1 : = 3.4450200563317E+18
fi_gradi : = 27944.600550811
t1 : = 1.0808784493549E-14
tpunto1 : = 1.0021146888006
tduepunti0 : = -1.7271672510056E+16
v=v_elettrone : = 12845757.365679
x0= : -1.3550394607449E-12
y0= : -1.335195172083E-12
```

```
*****
i=28497
k(28497)=0.99932287278625
kQ(28497)=0.99864620407376
r1= : 1.9049241488599E-12
rpunto1 : = 11030536.623416
rduepunti0 : = -4.7261486767244E+25
fil : = 487.72569179372
fipunto1 : = 3.4403354491673E+18
fi_gradi : = 27944.623699879
t1 : = 1.0808784611076E-14
tpunto1 : = 1.0021126669796
tduepunti0 : = -1.7239457052012E+16
v=v_elettrone : = 12838699.991023
x0= : -1.3554211866708E-12
y0= : -1.3366525426338E-12
*****
i=28498
k(28498)=0.99932355264539
kQ(28498)=0.9986475628718
r1= : 1.9062177957818E-12
rpunto1 : = 11024999.587137
rduepunti0 : = -4.7212636171671E+25
fil : = 487.72609527177
fipunto1 : = 3.4356627388476E+18
fi_gradi : = 27944.646817468
t1 : = 1.0808784728602E-14
tpunto1 : = 1.0021106489259
tduepunti0 : = -1.7207334080388E+16
v=v_elettrone : = 12831651.898874
x0= : -1.3558022288985E-12
y0= : -1.3381092365809E-12
*****
i=28499
k(28499)=0.99932423146113
kQ(28499)=0.99864891958537
r1= : 1.9075107933274E-12
rpunto1 : = 11019468.269117
rduepunti0 : = -4.7163878301939E+25
fil : = 487.72649820181
fipunto1 : = 3.4310018826763E+18
fi_gradi : = 27944.669903658
t1 : = 1.0808784846129E-14
tpunto1 : = 1.0021086346288
tduepunti0 : = -1.7175303236164E+16
v=v_elettrone : = 12824613.066503
x0= : -1.3561825886293E-12
y0= : -1.339565254571E-12
*****
i=28500
k(28500)=0.99932490923585
kQ(28500)=0.99865027421925
r1= : 1.9088031421672E-12
rpunto1 : = 11013942.658509
rduepunti0 : = -4.7115212929772E+25
fil : = 487.72690058522
fipunto1 : = 3.426352838154E+18
fi_gradi : = 27944.69295853
t1 : = 1.0808784963655E-14
tpunto1 : = 1.0021066240775
tduepunti0 : = -1.7143364162069E+16
v=v_elettrone : = 12817583.471993
x0= : -1.356562267061E-12
y0= : -1.3410205972492E-12
```

```
*****
i=28501
k(28501)=0.99932558597195
kQ(28501)=0.99865162677818
r1= : 1.9100948429706E-12
rpunto1: = 11008422.74449
rduepunti0 : = -4.7066639827491E+25
fil : = 487.72730242341
fipunto1 : = 3.4217155629776E+18
fi_gradi : = 27944.715982162
t1 : = 1.080878508118E-14
tpunto1 : = 1.0021046172612
tduepunti0 : = -1.7111516502568E+16
v=v_elettrone : = 12810563.092382
x0= : -1.356941265388E-12
y0= : -1.3424752652599E-12
*****
i=28502
k(28502)=0.99932626167179
kQ(28502)=0.99865297726692
r1= : 1.9113858964057E-12
rpunto1: = 11002908.516267
rduepunti0 : = -4.7018158768013E+25
fil : = 487.72770371774
fipunto1 : = 3.4170900150392E+18
fi_gradi : = 27944.738974633
t1 : = 1.0808785198706E-14
tpunto1 : = 1.0021026141692
tduepunti0 : = -1.7079759903855E+16
v=v_elettrone : = 12803551.906004
x0= : -1.3573195848013E-12
y0= : -1.343929259246E-12
*****
i=28503
k(28503)=0.99932693633775
kQ(28503)=0.9986543256902
r1= : 1.9126763031393E-12
rpunto1: = 10997399.963071
rduepunti0 : = -4.6969769524847E+25
fil : = 487.72810446959
fipunto1 : = 3.4124761524245E+18
fi_gradi : = 27944.761936023
t1 : = 1.0808785316231E-14
tpunto1 : = 1.002100614791
tduepunti0 : = -1.7048094013842E+16
v=v_elettrone : = 12796549.890129
x0= : -1.3576972264889E-12
y0= : -1.3453825798497E-12
*****
i=28504
k(28504)=0.99932760997218
kQ(28504)=0.99865567205271
r1= : 1.9139660638371E-12
rpunto1: = 10991897.074161
rduepunti0 : = -4.6921471872096E+25
fil : = 487.72850468033
fipunto1 : = 3.4078739334122E+18
fi_gradi : = 27944.78486641
t1 : = 1.0808785433756E-14
tpunto1 : = 1.002098619116
tduepunti0 : = -1.7016518482146E+16
v=v_elettrone : = 12789557.023347
x0= : -1.3580741916352E-12
y0= : -1.3468352277116E-12
```

```
*****
i=28505
k(28505)=0.99932828257744
kQ(28505)=0.99865701635918
r1= : 1.9152551791632E-12
rpunto1: = 10986399.838821
rduepunti0 : = -4.6873265584458E+25
fil : = 487.72890435134
fipunto1 : = 3.4032833164729E+18
fi_gradi : = 27944.807765871
t1 : = 1.0808785551281E-14
tpunto1 : = 1.0020966271335
tduepunti0 : = -1.6985032960086E+16
v=v_elettrone : = 12782573.282699
x0= : -1.3584504814214E-12
y0= : -1.3482872034718E-12
*****
i=28506
k(28506)=0.99932895415588
kQ(28506)=0.99865835861428
r1= : 1.9165436497807E-12
rpunto1: = 10980908.246363
rduepunti0 : = -4.6825150437218E+25
fil : = 487.72930348396
fipunto1 : = 3.3987042602677E+18
fi_gradi : = 27944.830634486
t1 : = 1.0808785668806E-14
tpunto1 : = 1.0020946388331
tduepunti0 : = -1.6953637100666E+16
v=v_elettrone : = 12775598.646547
x0= : -1.3588260970255E-12
y0= : -1.3497385077687E-12
*****
i=28507
k(28507)=0.99932962470982
kQ(28507)=0.99865969882268
r1= : 1.9178314763514E-12
rpunto1: = 10975422.286123
rduepunti0 : = -4.6777126206255E+25
fil : = 487.72970207955
fipunto1 : = 3.3941367236474E+18
fi_gradi : = 27944.853472331
t1 : = 1.080878578633E-14
tpunto1 : = 1.0020926542043
tduepunti0 : = -1.6922330558567E+16
v=v_elettrone : = 12768633.093605
x0= : -1.3592010396221E-12
y0= : -1.35118914124E-12
*****
i=28508
k(28508)=0.99933029424162
kQ(28508)=0.99866103698905
r1= : 1.9191186595359E-12
rpunto1: = 10969941.947467
rduepunti0 : = -4.6729192668037E+25
fil : = 487.73010013947
fipunto1 : = 3.3895806656513E+18
fi_gradi : = 27944.876279485
t1 : = 1.0808785903854E-14
tpunto1 : = 1.0020906732366
tduepunti0 : = -1.6891112990142E+16
v=v_elettrone : = 12761676.601067
x0= : -1.3595753103825E-12
y0= : -1.3526391045221E-12
```

```
*****
i=28509
k(28509)=0.9993309627536
kQ(28509)=0.99866237311803
r1= : 1.9204051999934E-12
rpunto1 : = 10964467.219783
rduepunti0 : = -4.6681349599622E+25
fil : = 487.73049766506
fipunto1 : = 3.3850360455063E+18
fi_gradi : = 27944.899056023
t1 : = 1.0808786021378E-14
tpunto1 : = 1.0020886959197
tduepunti0 : = -1.6859984053398E+16
v=v_elettrone : = 12754729.148374
x0= : -1.3599489104751E-12
y0= : -1.3540883982504E-12
*****
i=28510
k(28510)=0.99933163024806
kQ(28510)=0.99866370721425
r1= : 1.921691098382E-12
rpunto1 : = 10958998.092487
rduepunti0 : = -4.6633596778652E+25
fil : = 487.73089465767
fipunto1 : = 3.3805028226257E+18
fi_gradi : = 27944.921802024
t1 : = 1.0808786138902E-14
tpunto1 : = 1.0020867222432
tduepunti0 : = -1.6828943407996E+16
v=v_elettrone : = 12747790.712496
x0= : -1.3603218410646E-12
y0= : -1.3555370230593E-12
*****
i=28511
k(28511)=0.99933229672734
kQ(28511)=0.99866503928233
r1= : 1.9229763553585E-12
rpunto1 : = 10953534.555022
rduepunti0 : = -4.6585933983361E+25
fil : = 487.73129111862
fipunto1 : = 3.3759809566082E+18
fi_gradi : = 27944.944517563
t1 : = 1.0808786256425E-14
tpunto1 : = 1.0020847521968
tduepunti0 : = -1.6797990715234E+16
v=v_elettrone : = 12740861.272662
x0= : -1.3606941033128E-12
y0= : -1.3569849795817E-12
*****
i=28512
k(28512)=0.99933296219372
kQ(28512)=0.99866636932688
r1= : 1.9242609715785E-12
rpunto1 : = 10948076.596855
rduepunti0 : = -4.6538360992566E+25
fil : = 487.73168704926
fipunto1 : = 3.3714704072371E+18
fi_gradi : = 27944.967202718
t1 : = 1.0808786373948E-14
tpunto1 : = 1.0020827857703
tduepunti0 : = -1.6767125638038E+16
v=v_elettrone : = 12733940.807521
x0= : -1.3610656983782E-12
y0= : -1.35843226845E-12
```



```
*****
i=28513
k(28513)=0.99933362664952
kQ(28513)=0.99866769735249
r1= : 1.9255449476963E-12
rpunto1: = 10942624.20748
rduepunti0 : = -4.6490877585669E+25
fil : = 487.7320824509
fipunto1 : = 3.3669711344787E+18
fi_gradi : = 27944.989857563
t1 : = 1.0808786491471E-14
tpunto1 : = 1.0020808229533
tduepunti0 : = -1.6736347840959E+16
v=v_elettrone : = 12727029.295135
x0= : -1.3614366274161E-12
y0= : -1.3598788902951E-12
*****
i=28514
k(28514)=0.99933429009703
kQ(28514)=0.99866902336373
r1= : 1.926828284365E-12
rpunto1: = 10937177.376416
rduepunti0 : = -4.6443483542657E+25
fil : = 487.73247732488
fipunto1 : = 3.3624830984821E+18
fi_gradi : = 27945.012482175
t1 : = 1.0808786608994E-14
tpunto1 : = 1.0020788637356
tduepunti0 : = -1.6705656990156E+16
v=v_elettrone : = 12720126.714411
x0= : -1.3618068915785E-12
y0= : -1.3613248457469E-12
*****
i=28515
k(28515)=0.99933495253852
kQ(28515)=0.99867034736517
r1= : 1.9281109822364E-12
rpunto1: = 10931736.093209
rduepunti0 : = -4.6396178644101E+25
fil : = 487.7328716725
fipunto1 : = 3.3580062595772E+18
fi_gradi : = 27945.03507663
t1 : = 1.0808786726516E-14
tpunto1 : = 1.0020769081072
tduepunti0 : = -1.6675052753391E+16
v=v_elettrone : = 12713233.043678
x0= : -1.3621764920146E-12
y0= : -1.3627701354343E-12
*****
i=28516
k(28516)=0.99933561397629
kQ(28516)=0.99867166936137
r1= : 1.9293930419613E-12
rpunto1: = 10926300.34743
rduepunti0 : = -4.6348962671151E+25
fil : = 487.73326549509
fipunto1 : = 3.3535405782748E+18
fi_gradi : = 27945.057641002
t1 : = 1.0808786844039E-14
tpunto1 : = 1.0020749560579
tduepunti0 : = -1.664453480002E+16
v=v_elettrone : = 12706348.262105
x0= : -1.3625454298699E-12
y0= : -1.3642147599851E-12
```

```
*****
i=28517
k(28517)=0.9993362744126
kQ(28517)=0.99867298935685
r1= : 1.9306744641889E-12
rpunto1: = 10920870.128675
rduepunti0 : = -4.6301835405542E+25
fil : = 487.73365879394
fipunto1 : = 3.3490860152645E+18
fi_gradi : = 27945.080175367
t1 : = 1.0808786961561E-14
tpunto1 : = 1.0020730075777
tduepunti0 : = -1.661410280098E+16
v=v_elettrone : = 12699472.348286
x0= : -1.3629137062873E-12
y0= : -1.3656587200259E-12
*****
i=28518
k(28518)=0.99933693384971
kQ(28518)=0.99867430735614
r1= : 1.9319552495677E-12
rpunto1: = 10915445.426566
rduepunti0 : = -4.6254796629586E+25
fil : = 487.73405157037
fipunto1 : = 3.3446425314147E+18
fi_gradi : = 27945.102679799
t1 : = 1.0808787079083E-14
tpunto1 : = 1.0020710626564
tduepunti0 : = -1.6583756428786E+16
v=v_elettrone : = 12692605.28166
x0= : -1.3632813224062E-12
y0= : -1.3671020161823E-12
*****
i=28519
k(28519)=0.99933759228989
kQ(28519)=0.99867562336376
r1= : 1.9332353987444E-12
rpunto1: = 10910026.23075
rduepunti0 : = -4.6207846126176E+25
fil : = 487.73444382568
fipunto1 : = 3.3402100877707E+18
fi_gradi : = 27945.125154372
t1 : = 1.0808787196604E-14
tpunto1 : = 1.0020691212841
tduepunti0 : = -1.6553495357516E+16
v=v_elettrone : = 12685747.040598
x0= : -1.3636482793629E-12
y0= : -1.368544649079E-12
*****
i=28520
k(28520)=0.99933824973539
kQ(28520)=0.99867693738419
r1= : 1.934514912365E-12
rpunto1: = 10904612.530902
rduepunti0 : = -4.6160983678782E+25
fil : = 487.73483556115
fipunto1 : = 3.3357886455546E+18
fi_gradi : = 27945.147599161
t1 : = 1.0808787314125E-14
tpunto1 : = 1.0020671834508
tduepunti0 : = -1.6523319262805E+16
v=v_elettrone : = 12678897.603862
x0= : -1.3640145782907E-12
y0= : -1.3699866193394E-12
```

```
*****
i=28521
k(28521)=0.99933890618846
kQ(28521)=0.99867824942194
r1= : 1.9357937910739E-12
rpunto1 : = 10899204.316718
rduepunti0 : = -4.6114209071453E+25
fil : = 487.73522677809
fipunto1 : = 3.3313781661637E+18
fi_gradi : = 27945.170014241
t1 : = 1.0808787431647E-14
tpunto1 : = 1.0020652491466
tduepunti0 : = -1.6493227821835E+16
v=v_elettrone : = 12672056.951534
x0= : -1.3643802203199E-12
y0= : -1.3714279275858E-12
*****
i=28522
k(28522)=0.99933956165133
kQ(28522)=0.99867955948146
r1= : 1.9370720355145E-12
rpunto1 : = 10893801.577922
rduepunti0 : = -4.6067522088811E+25
fil : = 487.73561747777
fipunto1 : = 3.3269786111696E+18
fi_gradi : = 27945.192399683
t1 : = 1.0808787549168E-14
tpunto1 : = 1.0020633183616
tduepunti0 : = -1.6463220713329E+16
v=v_elettrone : = 12665225.062642
x0= : -1.3647452065775E-12
y0= : -1.3728685744397E-12
*****
i=28523
k(28523)=0.99934021612623
kQ(28523)=0.99868086756722
r1= : 1.938349646329E-12
rpunto1 : = 10888404.304264
rduepunti0 : = -4.6020922516056E+25
fil : = 487.73600766147
fipunto1 : = 3.3225899423176E+18
fi_gradi : = 27945.214755563
t1 : = 1.0808787666688E-14
tpunto1 : = 1.0020613910859
tduepunti0 : = -1.6433297617538E+16
v=v_elettrone : = 12658401.915618
x0= : -1.3651095381874E-12
y0= : -1.3743085605213E-12
*****
i=28524
k(28524)=0.9993408696154
kQ(28524)=0.99868217368367
r1= : 1.9396266241583E-12
rpunto1 : = 10883012.485516
rduepunti0 : = -4.5974410138959E+25
fil : = 487.73639733048
fipunto1 : = 3.3182121215255E+18
fi_gradi : = 27945.237081952
t1 : = 1.0808787784209E-14
tpunto1 : = 1.0020594673098
tduepunti0 : = -1.6403458216235E+16
v=v_elettrone : = 12651587.490253
x0= : -1.3654732162707E-12
y0= : -1.3757478864498E-12
```

```
*****
i=28525
k(28525)=0.99934152212106
kQ(28525)=0.99868347783523
r1= : 1.9409029696421E-12
rpunto1: = 10877626.111478
rduepunti0 : = -4.5927984743868E+25
fil : = 487.73678648606
fipunto1 : = 3.3138451108824E+18
fi_gradi : = 27945.259378925
t1 : = 1.0808787901729E-14
tpunto1 : = 1.0020575470234
tduepunti0 : = -1.6373702192705E+16
v=v_elettrone : = 12644781.766222
x0= : -1.3658362419452E-12
y0= : -1.3771865528434E-12
*****
i=28526
k(28526)=0.99934217364541
kQ(28526)=0.99868478002633
r1= : 1.942178683419E-12
rpunto1: = 10872245.171973
rduepunti0 : = -4.5881646117699E+25
fil : = 487.73717512948
fipunto1 : = 3.3094888726483E+18
fi_gradi : = 27945.281646553
t1 : = 1.0808788019249E-14
tpunto1 : = 1.002055630217
tduepunti0 : = -1.6344029231738E+16
v=v_elettrone : = 12637984.723097
x0= : -1.3661986163258E-12
y0= : -1.3786245603191E-12
*****
i=28527
k(28527)=0.99934282419066
kQ(28527)=0.99868608026137
r1= : 1.9434537661264E-12
rpunto1: = 10866869.656851
rduepunti0 : = -4.583539404794E+25
fil : = 487.73756326201
fipunto1 : = 3.3051433692529E+18
fi_gradi : = 27945.303884908
t1 : = 1.0808788136769E-14
tpunto1 : = 1.0020537168809
tduepunti0 : = -1.6314439019617E+16
v=v_elettrone : = 12631196.339877
x0= : -1.3665603405241E-12
y0= : -1.3800619094931E-12
*****
i=28528
k(28528)=0.99934347375902
kQ(28528)=0.99868737854474
r1= : 1.9447282184003E-12
rpunto1: = 10861499.555984
rduepunti0 : = -4.578922832265E+25
fil : = 487.73795088491
fipunto1 : = 3.3008085632944E+18
fi_gradi : = 27945.326094064
t1 : = 1.0808788254288E-14
tpunto1 : = 1.0020518070054
tduepunti0 : = -1.6284931244116E+16
v=v_elettrone : = 12624416.596419
x0= : -1.3669214156491E-12
y0= : -1.3814986009803E-12
```

```
*****
i=28529
k(28529)=0.99934412235268
kQ(28529)=0.99868867488084
r1= : 1.9460020408759E-12
rpunto1: = 10856134.859272
rduepunti0 : = -4.5743148730455E+25
fil : = 487.73833799943
fipunto1 : = 3.2964844175391E+18
fi_gradi : = 27945.348274092
t1 : = 1.0808788371808E-14
tpunto1 : = 1.002049900581
tduepunti0 : = -1.6255505594483E+16
v=v_elettrone : = 12617645.472487
x0= : -1.3672818428065E-12
y0= : -1.3829346353946E-12
*****
i=28530
k(28530)=0.99934476997382
kQ(28530)=0.99868996927402
r1= : 1.9472752341868E-12
rpunto1: = 10850775.556638
rduepunti0 : = -4.5697155060549E+25
fil : = 487.73872460681
fipunto1 : = 3.2921708949201E+18
fi_gradi : = 27945.370425064
t1 : = 1.0808788489327E-14
tpunto1 : = 1.0020479975979
tduepunti0 : = -1.622616176144E+16
v=v_elettrone : = 12610882.947253
x0= : -1.3676416230991E-12
y0= : -1.384370013349E-12
*****
i=28531
k(28531)=0.99934541662463
kQ(28531)=0.99869126172865
r1= : 1.9485477989657E-12
rpunto1: = 10845421.638029
rduepunti0 : = -4.5651247102694E+25
fil : = 487.73911070831
fipunto1 : = 3.2878679585365E+18
fi_gradi : = 27945.39254705
t1 : = 1.0808788606846E-14
tpunto1 : = 1.0020460980467
tduepunti0 : = -1.6196899437166E+16
v=v_elettrone : = 12604129.001722
x0= : -1.3680007576267E-12
y0= : -1.3858047354552E-12
*****
i=28532
k(28532)=0.99934606230728
kQ(28532)=0.99869255224906
r1= : 1.949819735844E-12
rpunto1: = 10840073.093417
rduepunti0 : = -4.5605424647215E+25
fil : = 487.73949630517
fipunto1 : = 3.2835755716524E+18
fi_gradi : = 27945.414640123
t1 : = 1.0808788724364E-14
tpunto1 : = 1.0020442019178
tduepunti0 : = -1.6167718315298E+16
v=v_elettrone : = 12597383.614877
x0= : -1.3683592474861E-12
y0= : -1.3872388023241E-12
```

```
*****
i=28533
k(28533)=0.99934670702394
kQ(28533)=0.99869384083959
r1= : 1.9510910454521E-12
rpunto1: = 10834729.9128
rduepunti0 : = -4.5559687485004E+25
fil : = 487.73988139862
fipunto1 : = 3.2792936976965E+18
fi_gradi : = 27945.436704352
t1 : = 1.0808788841883E-14
tpunto1 : = 1.0020423092018
tduepunti0 : = -1.6138618090915E+16
v=v_elettrone : = 12590646.76657
x0= : -1.368717093771E-12
y0= : -1.3886722145654E-12
*****
i=28534
k(28534)=0.99934735077677
kQ(28534)=0.99869512750455
r1= : 1.9523617284188E-12
rpunto1: = 10829392.0862
rduepunti0 : = -4.5514035407513E+25
fil : = 487.7402659899
fipunto1 : = 3.2750223002602E+18
fi_gradi : = 27945.45873981
t1 : = 1.0808788959401E-14
tpunto1 : = 1.0020404198891
tduepunti0 : = -1.6109598460535E+16
v=v_elettrone : = 12583918.437033
x0= : -1.3690742975725E-12
y0= : -1.3901049727879E-12
*****
i=28535
k(28535)=0.99934799356794
kQ(28535)=0.99869641224826
r1= : 1.9536317853723E-12
rpunto1: = 10824059.603661
rduepunti0 : = -4.5468468206759E+25
fil : = 487.74065008024
fipunto1 : = 3.2707613430978E+18
fi_gradi : = 27945.480746565
t1 : = 1.0808789076919E-14
tpunto1 : = 1.0020385339704
tduepunti0 : = -1.6080659122104E+16
v=v_elettrone : = 12577198.60688
x0= : -1.3694308599785E-12
y0= : -1.3915370775991E-12
*****
i=28536
k(28536)=0.99934863539958
kQ(28536)=0.998697695075
r1= : 1.9549012169391E-12
rpunto1: = 10818732.455253
rduepunti0 : = -4.5422985675317E+25
fil : = 487.74103367085
fipunto1 : = 3.266510790125E+18
fi_gradi : = 27945.502724688
t1 : = 1.0808789194437E-14
tpunto1 : = 1.0020366514363
tduepunti0 : = -1.6051799774989E+16
v=v_elettrone : = 12570487.255676
x0= : -1.369786782074E-12
y0= : -1.3929685296059E-12
```

```
*****
i=28537
k(28537)=0.99934927627384
kQ(28537)=0.99869897598905
r1= : 1.956170023745E-12
rpunto1: = 10813410.631072
rduepunti0 : = -4.5377587606326E+25
fil : = 487.74141676297
fipunto1 : = 3.2622706054179E+18
fi_gradi : = 27945.52467425
t1 : = 1.0808789311954E-14
tpunto1 : = 1.0020347722775
tduepunti0 : = -1.6023020119969E+16
v=v_elettrone : = 12563784.363367
x0= : -1.370142064941E-12
y0= : -1.3943993294137E-12
*****
i=28538
k(28538)=0.99934991619287
kQ(28538)=0.99870025499469
r1= : 1.9574382064143E-12
rpunto1: = 10808094.121236
rduepunti0 : = -4.533227379348E+25
fil : = 487.74179935781
fipunto1 : = 3.2580407532128E+18
fi_gradi : = 27945.546595319
t1 : = 1.0808789429471E-14
tpunto1 : = 1.0020328964845
tduepunti0 : = -1.5994319859228E+16
v=v_elettrone : = 12557089.911252
x0= : -1.3704967096588E-12
y0= : -1.3958294776271E-12
*****
i=28539
k(28539)=0.99935055515878
kQ(28539)=0.99870153209616
r1= : 1.9587057655702E-12
rpunto1: = 10802782.915887
rduepunti0 : = -4.5287044031032E+25
fil : = 487.74218145657
fipunto1 : = 3.2538211979046E+18
fi_gradi : = 27945.568487965
t1 : = 1.0808789546989E-14
tpunto1 : = 1.0020310240483
tduepunti0 : = -1.5965698696348E+16
v=v_elettrone : = 12550403.878609
x0= : -1.3708507173037E-12
y0= : -1.3972589748498E-12
*****
i=28540
k(28540)=0.99935119317371
kQ(28540)=0.99870280729772
r1= : 1.9599727018349E-12
rpunto1: = 10797477.005193
rduepunti0 : = -4.5241898113792E+25
fil : = 487.74256306047
fipunto1 : = 3.2496119040464E+18
fi_gradi : = 27945.590352258
t1 : = 1.0808789664505E-14
tpunto1 : = 1.0020291549594
tduepunti0 : = -1.5937156336299E+16
v=v_elettrone : = 12543726.246069
x0= : -1.3712040889489E-12
y0= : -1.3986878216842E-12
```

```
*****
i=28541
k(28541)=0.99935183023978
kQ(28541)=0.99870408060359
r1= : 1.9612390158294E-12
rpunto1: = 10792176.379343
rduepunti0 : = -4.5196835837124E+25
fil : = 487.7429441707
fipunto1 : = 3.2454128363484E+18
fi_gradi : = 27945.612188266
t1 : = 1.0808789782022E-14
tpunto1 : = 1.0020272892087
tduepunti0 : = -1.5908692485433E+16
v=v_elettrone : = 12537056.994647
x0= : -1.3715568256652E-12
y0= : -1.4001160187318E-12
*****
i=28542
k(28542)=0.99935246635909
kQ(28542)=0.99870535201799
r1= : 1.9625047081734E-12
rpunto1: = 10786881.028553
rduepunti0 : = -4.5151856996947E+25
fil : = 487.74332478848
fipunto1 : = 3.2412239596772E+18
fi_gradi : = 27945.633996059
t1 : = 1.0808789899539E-14
tpunto1 : = 1.0020254267871
tduepunti0 : = -1.5880306851475E+16
v=v_elettrone : = 12530396.104798
x0= : -1.3719089285201E-12
y0= : -1.401543566593E-12
*****
i=28543
k(28543)=0.99935310153375
kQ(28543)=0.99870662154513
r1= : 1.9637697794855E-12
rpunto1: = 10781590.943061
rduepunti0 : = -4.5106961389734E+25
fil : = 487.74370491499
fipunto1 : = 3.2370452390549E+18
fi_gradi : = 27945.655775703
t1 : = 1.0808790017055E-14
tpunto1 : = 1.0020235676853
tduepunti0 : = -1.5851999143515E+16
v=v_elettrone : = 12523743.556389
x0= : -1.3722603985783E-12
y0= : -1.4029704658675E-12
*****
i=28544
k(28544)=0.99935373576587
kQ(28544)=0.99870788918921
r1= : 1.9650342303834E-12
rpunto1: = 10776306.113129
rduepunti0 : = -4.5062148812507E+25
fil : = 487.74408455143
fipunto1 : = 3.2328766396584E+18
fi_gradi : = 27945.677527269
t1 : = 1.0808790134571E-14
tpunto1 : = 1.0020217118944
tduepunti0 : = -1.5823769072002E+16
v=v_elettrone : = 12517099.330651
x0= : -1.3726112369018E-12
y0= : -1.4043967171535E-12
```



```
*****
i=28545
k(28545)=0.99935436905754
kQ(28545)=0.9987091549544
r1= : 1.9662980614832E-12
rpunto1: = 10771026.529045
rduepunti0 : = -4.5017419062843E+25
fil : = 487.74446369898
fipunto1 : = 3.2287181268181E+18
fi_gradi : = 27945.699250823
t1 : = 1.0808790252087E-14
tpunto1 : = 1.0020198594051
tduepunti0 : = -1.5795616348736E+16
v=v_elettrone : = 12510463.408716
x0= : -1.3729614445498E-12
y0= : -1.4058223210485E-12
*****
i=28546
k(28546)=0.99935500141085
kQ(28546)=0.99871041884488
r1= : 1.9675612734004E-12
rpunto1: = 10765752.181116
rduepunti0 : = -4.4972771938863E+25
fil : = 487.74484235882
fipunto1 : = 3.2245696660177E+18
fi_gradi : = 27945.720946434
t1 : = 1.0808790369602E-14
tpunto1 : = 1.0020180102086
tduepunti0 : = -1.5767540686859E+16
v=v_elettrone : = 12503835.770192
x0= : -1.3733110225784E-12
y0= : -1.4072472781489E-12
*****
i=28547
k(28547)=0.99935563282787
kQ(28547)=0.9987116808648
r1= : 1.9688238667489E-12
rpunto1: = 10760483.059677
rduepunti0 : = -4.4928207239242E+25
fil : = 487.74522053214
fipunto1 : = 3.220431222893E+18
fi_gradi : = 27945.742614169
t1 : = 1.0808790487118E-14
tpunto1 : = 1.0020161642957
tduepunti0 : = -1.5739541800848E+16
v=v_elettrone : = 12497216.397001
x0= : -1.3736599720412E-12
y0= : -1.4086715890501E-12
*****
i=28548
k(28548)=0.9993562633107
kQ(28548)=0.99871294101832
r1= : 1.9700858421418E-12
rpunto1: = 10755219.155085
rduepunti0 : = -4.48837247632E+25
fil : = 487.7455982201
fipunto1 : = 3.2163027632311E+18
fi_gradi : = 27945.764254095
t1 : = 1.0808790604633E-14
tpunto1 : = 1.0020143216575
tduepunti0 : = -1.5711619406511E+16
v=v_elettrone : = 12490605.270017
x0= : -1.3740082939887E-12
y0= : -1.4100952543465E-12
```

```
*****
i=28549
k(28549)=0.99935689286138
kQ(28549)=0.99871419930956
r1= : 1.9713472001908E-12
rpunto1: = 10749960.45772
rduepunti0 : = -4.4839324310501E+25
fil : = 487.74597542389
fipunto1 : = 3.2121842529696E+18
fi_gradi : = 27945.78586628
t1 : = 1.0808790722148E-14
tpunto1 : = 1.002012482285
tduepunti0 : = -1.5683773220972E+16
v=v_elettrone : = 12484002.369535
x0= : -1.3743559894689E-12
y0= : -1.4115182746314E-12
*****
i=28550
k(28550)=0.999357521482
kQ(28550)=0.99871545574265
r1= : 1.9726079415067E-12
rpunto1: = 10744706.957986
rduepunti0 : = -4.4795005681456E+25
fil : = 487.74635214466
fipunto1 : = 3.208075658196E+18
fi_gradi : = 27945.807450791
t1 : = 1.0808790839662E-14
tpunto1 : = 1.0020106461695
tduepunti0 : = -1.5656002962671E+16
v=v_elettrone : = 12477407.677213
x0= : -1.3747030595268E-12
y0= : -1.4129406504973E-12
*****
i=28551
k(28551)=0.99935814917461
kQ(28551)=0.9987167103217
r1= : 1.9738680666989E-12
rpunto1: = 10739458.64631
rduepunti0 : = -4.475076867692E+25
fil : = 487.74672838358
fipunto1 : = 3.2039769451466E+18
fi_gradi : = 27945.829007693
t1 : = 1.0808790957177E-14
tpunto1 : = 1.0020088133019
tduepunti0 : = -1.5628308351353E+16
v=v_elettrone : = 12470821.173668
x0= : -1.3750495052046E-12
y0= : -1.4143623825355E-12
*****
i=28552
k(28552)=0.99935877594125
kQ(28552)=0.9987179630508
r1= : 1.9751275763761E-12
rpunto1: = 10734215.513143
rduepunti0 : = -4.4706613098291E+25
fil : = 487.74710414181
fipunto1 : = 3.1998880802059E+18
fi_gradi : = 27945.850537054
t1 : = 1.0808791074691E-14
tpunto1 : = 1.0020069836735
tduepunti0 : = -1.5600689108064E+16
v=v_elettrone : = 12464242.840382
x0= : -1.375395327542E-12
y0= : -1.4157834713364E-12
```

```
*****
i=28553
k(28553)=0.99935940178399
kQ(28553)=0.99871921393405
r1= : 1.9763864711454E-12
rpunto1: = 10728977.548957
rduepunti0 : = -4.4662538747506E+25
fil : = 487.7474794205
fipunto1 : = 3.1958090299058E+18
fi_gradi : = 27945.872038939
t1 : = 1.0808791192205E-14
tpunto1 : = 1.0020051572754
tduepunti0 : = -1.5573144955137E+16
v=v_elettrone : = 12457672.658272
x0= : -1.3757405275757E-12
y0= : -1.4172039174893E-12
*****
i=28554
k(28554)=0.99936002670485
kQ(28554)=0.99872046297553
r1= : 1.9776447516131E-12
rpunto1: = 10723744.744251
rduepunti0 : = -4.4618545427043E+25
fil : = 487.74785422081
fipunto1 : = 3.1917397609246E+18
fi_gradi : = 27945.893513415
t1 : = 1.0808791309719E-14
tpunto1 : = 1.0020033340988
tduepunti0 : = -1.5545675616193E+16
v=v_elettrone : = 12451110.609133
x0= : -1.3760851063396E-12
y0= : -1.4186237215825E-12
*****
i=28555
k(28555)=0.99936065070588
kQ(28555)=0.99872171017928
r1= : 1.9789024183843E-12
rpunto1: = 10718517.089544
rduepunti0 : = -4.457463293992E+25
fil : = 487.74822854388
fipunto1 : = 3.1876802400866E+18
fi_gradi : = 27945.914960547
t1 : = 1.0808791427233E-14
tpunto1 : = 1.0020015141351
tduepunti0 : = -1.5518280816128E+16
v=v_elettrone : = 12444556.674206
x0= : -1.3764290648652E-12
y0= : -1.4200428842035E-12
*****
i=28556
k(28556)=0.9993612737891
kQ(28556)=0.99872295554938
r1= : 1.980159472063E-12
rpunto1: = 10713294.57538
rduepunti0 : = -4.4530801089693E+25
fil : = 487.74860239085
fipunto1 : = 3.1836304343608E+18
fi_gradi : = 27945.9363804
t1 : = 1.0808791544746E-14
tpunto1 : = 1.0019996973756
tduepunti0 : = -1.5490960281109E+16
v=v_elettrone : = 12438010.834623
x0= : -1.3767724041809E-12
y0= : -1.4214614059387E-12
```

```
*****
i=28557
k(28557)=0.99936189595654
kQ(28557)=0.99872419908984
r1= : 1.9814159132521E-12
rpunto1: = 10708077.192323
rduepunti0 : = -4.4487049680452E+25
fil : = 487.74897576287
fipunto1 : = 3.1795903108607E+18
fi_gradi : = 27945.957773041
t1 : = 1.0808791662259E-14
tpunto1 : = 1.0019978838114
tduepunti0 : = -1.5463713738566E+16
v=v_elettrone : = 12431473.071941
x0= : -1.3771151253126E-12
y0= : -1.4228792873734E-12
*****
i=28558
k(28558)=0.9993625172102
kQ(28558)=0.99872544080472
r1= : 1.9826717425533E-12
rpunto1: = 10702864.930963
rduepunti0 : = -4.4443378516826E+25
fil : = 487.74934866107
fipunto1 : = 3.1755598368431E+18
fi_gradi : = 27945.979138534
t1 : = 1.0808791779772E-14
tpunto1 : = 1.0019960734341
tduepunti0 : = -1.5436540917184E+16
v=v_elettrone : = 12424943.367614
x0= : -1.3774572292834E-12
y0= : -1.4242965290921E-12
*****
i=28559
k(28559)=0.99936313755212
kQ(28559)=0.99872668069801
r1= : 1.9839269605673E-12
rpunto1: = 10697657.781912
rduepunti0 : = -4.4399787403975E+25
fil : = 487.74972108657
fipunto1 : = 3.1715389797075E+18
fi_gradi : = 27946.000476944
t1 : = 1.0808791897285E-14
tpunto1 : = 1.0019942662349
tduepunti0 : = -1.5409441546899E+16
v=v_elettrone : = 12418421.703502
x0= : -1.3777987171137E-12
y0= : -1.425713131678E-12
*****
i=28560
k(28560)=0.99936375698428
kQ(28560)=0.99872791877373
r1= : 1.9851815678937E-12
rpunto1: = 10692455.735805
rduepunti0 : = -4.4356276147594E+25
fil : = 487.75009304052
fipunto1 : = 3.1675277069954E+18
fi_gradi : = 27946.021788335
t1 : = 1.0808792014798E-14
tpunto1 : = 1.0019924622053
tduepunti0 : = -1.5382415358887E+16
v=v_elettrone : = 12411908.060907
x0= : -1.3781395898214E-12
y0= : -1.4271290957138E-12
```

```
*****
i=28561
k(28561)=0.99936437550869
kQ(28561)=0.99872915503588
r1= : 1.9864355651309E-12
rpunto1: = 10687258.783298
rduepunti0 : = -4.4312844553908E+25
fil : = 487.75046452403
fipunto1 : = 3.1635259863895E+18
fi_gradi : = 27946.043072772
t1 : = 1.080879213231E-14
tpunto1 : = 1.0019906613368
tduepunti0 : = -1.535546208556E+16
v=v_elettrone : = 12405402.422005
x0= : -1.3784798484215E-12
y0= : -1.4285444217807E-12
*****
i=28562
k(28562)=0.99936499312735
kQ(28562)=0.99873038948843
r1= : 1.9876889528763E-12
rpunto1: = 10682066.915071
rduepunti0 : = -4.4269492429674E+25
fil : = 487.75083553823
fipunto1 : = 3.1595337857129E+18
fi_gradi : = 27946.06433032
t1 : = 1.0808792249822E-14
tpunto1 : = 1.0019888636208
tduepunti0 : = -1.5328581460559E+16
v=v_elettrone : = 12398904.768416
x0= : -1.3788194939264E-12
y0= : -1.4299591104593E-12
*****
i=28563
k(28563)=0.99936560984224
kQ(28563)=0.99873162213535
r1= : 1.9889417317262E-12
rpunto1: = 10676880.121827
rduepunti0 : = -4.4226219582179E+25
fil : = 487.75120608422
fipunto1 : = 3.1555510729283E+18
fi_gradi : = 27946.085561041
t1 : = 1.0808792367334E-14
tpunto1 : = 1.0019870690488
tduepunti0 : = -1.5301773218747E+16
v=v_elettrone : = 12392415.081668
x0= : -1.3791585273457E-12
y0= : -1.4313731623291E-12
*****
i=28564
k(28564)=0.99936622565535
kQ(28564)=0.99873285298061
r1= : 1.9901939022757E-12
rpunto1: = 10671698.394292
rduepunti0 : = -4.4183025819235E+25
fil : = 487.75157616313
fipunto1 : = 3.1515778161374E+18
fi_gradi : = 27946.106765001
t1 : = 1.0808792484846E-14
tpunto1 : = 1.0019852776124
tduepunti0 : = -1.52750370962E+16
v=v_elettrone : = 12385933.344187
x0= : -1.3794969496867E-12
y0= : -1.4327865779686E-12
```

```
*****
i=28565
k(28565)=0.99936684056865
kQ(28565)=0.99873408202816
r1= : 1.9914454651191E-12
rpunto1: = 10666521.723212
rduepunti0 : = -4.4139910949184E+25
fil : = 487.75194577605
fipunto1 : = 3.1476139835802E+18
fi_gradi : = 27946.127942262
t1 : = 1.0808792602357E-14
tpunto1 : = 1.0019834893032
tduepunti0 : = -1.5248372830205E+16
v=v_elettrone : = 12379459.536851
x0= : -1.3798347619537E-12
y0= : -1.4341993579554E-12
*****
i=28566
k(28566)=0.99936745458411
kQ(28566)=0.99873530928192
r1= : 1.9926964208492E-12
rpunto1: = 10661350.099358
rduepunti0 : = -4.4096874780892E+25
fil : = 487.75231492411
fipunto1 : = 3.1436595436341E+18
fi_gradi : = 27946.149092887
t1 : = 1.0808792719869E-14
tpunto1 : = 1.0019817041127
tduepunti0 : = -1.5221780159248E+16
v=v_elettrone : = 12372993.642901
x0= : -1.3801719651488E-12
y0= : -1.4356115028658E-12
*****
i=28567
k(28567)=0.9993680677037
kQ(28567)=0.99873653474583
r1= : 1.993946770058E-12
rpunto1: = 10656183.513521
rduepunti0 : = -4.4053917123751E+25
fil : = 487.75268360839
fipunto1 : = 3.1397144648133E+18
fi_gradi : = 27946.170216941
t1 : = 1.080879283738E-14
tpunto1 : = 1.0019799220326
tduepunti0 : = -1.5195258823013E+16
v=v_elettrone : = 12366535.64404
x0= : -1.3805085602709E-12
y0= : -1.4370230132757E-12
*****
i=28568
k(28568)=0.99936867992939
kQ(28568)=0.99873775842381
r1= : 1.9951965133363E-12
rpunto1: = 10651021.956517
rduepunti0 : = -4.4011037787674E+25
fil : = 487.75305183
fipunto1 : = 3.1357787157679E+18
fi_gradi : = 27946.191314485
t1 : = 1.0808792954891E-14
tpunto1 : = 1.0019781430546
tduepunti0 : = -1.516880856237E+16
v=v_elettrone : = 12360085.521868
x0= : -1.3808445483166E-12
y0= : -1.4384338897595E-12
```

```
*****
i=28569
k(28569)=0.99936929126312
kQ(28569)=0.99873898031975
r1= : 1.996445651274E-12
rpunto1 : = 10645865.419183
rduepunti0 : = -4.3968236583099E+25
fil : = 487.75341959003
fipunto1 : = 3.1318522652835E+18
fi_gradi : = 27946.212385583
t1 : = 1.0808793072401E-14
tpunto1 : = 1.0019763671703
tduepunti0 : = -1.5142429119372E+16
v=v_elettrone : = 12353643.259395
x0= : -1.3811799302802E-12
y0= : -1.439844132891E-12
*****
i=28570
k(28570)=0.99936990170684
kQ(28570)=0.99874020043755
r1= : 1.9976941844598E-12
rpunto1 : = 10640713.892377
rduepunti0 : = -4.3925513320981E+25
fil : = 487.75378688958
fipunto1 : = 3.1279350822802E+18
fi_gradi : = 27946.233430296
t1 : = 1.0808793189912E-14
tpunto1 : = 1.0019745943714
tduepunti0 : = -1.5116120237248E+16
v=v_elettrone : = 12347208.838071
x0= : -1.3815147071527E-12
y0= : -1.4412537432429E-12
*****
i=28571
k(28571)=0.99937051126251
kQ(28571)=0.99874141878108
r1= : 1.9989421134812E-12
rpunto1 : = 10635567.36698
rduepunti0 : = -4.3882867812797E+25
fil : = 487.75415372971
fipunto1 : = 3.1240271358121E+18
fi_gradi : = 27946.254448688
t1 : = 1.0808793307422E-14
tpunto1 : = 1.0019728246498
tduepunti0 : = -1.5089881660395E+16
v=v_elettrone : = 12340782.240748
x0= : -1.3818488799232E-12
y0= : -1.4426627213869E-12
*****
i=28572
k(28572)=0.99937111993205
kQ(28572)=0.99874263535423
r1= : 2.0001894389248E-12
rpunto1 : = 10630425.833896
rduepunti0 : = -4.3840299870544E+25
fil : = 487.75452011153
fipunto1 : = 3.1201283950664E+18
fi_gradi : = 27946.27544082
t1 : = 1.0808793424932E-14
tpunto1 : = 1.0019710579972
tduepunti0 : = -1.5063713134373E+16
v=v_elettrone : = 12334363.449204
x0= : -1.3821824495779E-12
y0= : -1.4440710678937E-12
```

```
*****
i=28573
k(28573)=0.99937172771739
kQ(28573)=0.99874385016085
r1= : 2.0014361613762E-12
rpunto1: = 10625289.284049
rduepunti0 : = -4.3797809306731E+25
fil : = 487.75488603612
fipunto1 : = 3.1162388293627E+18
fi_gradi : = 27946.296406754
t1 : = 1.0808793542442E-14
tpunto1 : = 1.0019692944055
tduepunti0 : = -1.5037614405899E+16
v=v_elettrone : = 12327952.446615
x0= : -1.3825154171004E-12
y0= : -1.4454787833332E-12
*****
i=28574
k(28574)=0.99937233462048
kQ(28574)=0.99874506320478
r1= : 2.0026822814197E-12
rpunto1: = 10620157.708388
rduepunti0 : = -4.3755395934388E+25
fil : = 487.75525150453
fipunto1 : = 3.1123584081526E+18
fi_gradi : = 27946.317346552
t1 : = 1.0808793659952E-14
tpunto1 : = 1.0019675338664
tduepunti0 : = -1.501158522284E+16
v=v_elettrone : = 12321549.21462
x0= : -1.3828477834718E-12
y0= : -1.4468858682742E-12
*****
i=28575
k(28575)=0.99937294064322
kQ(28575)=0.99874627448987
r1= : 2.0039277996387E-12
rpunto1: = 10615031.09788
rduepunti0 : = -4.3713059567057E+25
fil : = 487.75561651786
fipunto1 : = 3.1084871010187E+18
fi_gradi : = 27946.338260275
t1 : = 1.0808793777461E-14
tpunto1 : = 1.0019657763718
tduepunti0 : = -1.4985625334207E+16
v=v_elettrone : = 12315153.736241
x0= : -1.3831795496707E-12
y0= : -1.4482923232846E-12
*****
i=28576
k(28576)=0.99937354578753
kQ(28576)=0.99874748401994
r1= : 2.0051727166155E-12
rpunto1: = 10609909.443518
rduepunti0 : = -4.3670800018793E+25
fil : = 487.75598107717
fipunto1 : = 3.1046248776741E+18
fi_gradi : = 27946.359147985
t1 : = 1.080879389497E-14
tpunto1 : = 1.0019640219137
tduepunti0 : = -1.4959734490146E+16
v=v_elettrone : = 12308765.994414
x0= : -1.3835107166733E-12
y0= : -1.4496981489314E-12
```



```
*****
i=28577
k(28577)=0.99937415005533
kQ(28577)=0.99874869179881
r1= : 2.0064170329315E-12
rpunto1: = 10604792.736312
rduepunti0 : = -4.3628617104166E+25
fil : = 487.75634518352
fipunto1 : = 3.1007717079616E+18
fi_gradi : = 27946.380009742
t1 : = 1.0808794012479E-14
tpunto1 : = 1.001962270484
tduepunti0 : = -1.4933912441939E+16
v=v_elettrone : = 12302385.970547
x0= : -1.3838412854529E-12
y0= : -1.4511033457806E-12
*****
i=28578
k(28578)=0.99937475344851
kQ(28578)=0.99874989783028
r1= : 2.0076607491666E-12
rpunto1: = 10599680.967297
rduepunti0 : = -4.3586510638253E+25
fil : = 487.75670883797
fipunto1 : = 3.0969275618529E+18
fi_gradi : = 27946.400845607
t1 : = 1.0808794129988E-14
tpunto1 : = 1.0019605220746
tduepunti0 : = -1.4908158941989E+16
v=v_elettrone : = 12296013.648904
x0= : -1.3841712569806E-12
y0= : -1.4525079143971E-12
*****
i=28579
k(28579)=0.99937535596899
kQ(28579)=0.99875110211814
r1= : 2.0089038659002E-12
rpunto1: = 10594574.12753
rduepunti0 : = -4.3544480436643E+25
fil : = 487.75707204159
fipunto1 : = 3.0930924094484E+18
fi_gradi : = 27946.421655641
t1 : = 1.0808794247497E-14
tpunto1 : = 1.0019587766775
tduepunti0 : = -1.488247374382E+16
v=v_elettrone : = 12289649.010739
x0= : -1.3845006322247E-12
y0= : -1.4539118553453E-12
*****
i=28580
k(28580)=0.99937595761865
kQ(28580)=0.99875230466619
r1= : 2.0101463837103E-12
rpunto1: = 10589472.208087
rduepunti0 : = -4.3502526315434E+25
fil : = 487.75743479542
fipunto1 : = 3.089266220976E+18
fi_gradi : = 27946.442439905
t1 : = 1.0808794365005E-14
tpunto1 : = 1.0019570342848
tduepunti0 : = -1.485685660207E+16
v=v_elettrone : = 12283292.040156
x0= : -1.3848294121514E-12
y0= : -1.4553151691881E-12
```

```
*****
i=28581
k(28581)=0.99937655839938
kQ(28581)=0.99875350547818
r1= : 2.0113883031739E-12
rpunto1: = 10584375.200067
rduepunti0 : = -4.346064809123E+25
fil : = 487.75779710053
fipunto1 : = 3.0854489667906E+18
fi_gradi : = 27946.463198459
t1 : = 1.0808794482514E-14
tpunto1 : = 1.0019552948884
tduepunti0 : = -1.4831307272481E+16
v=v_elettrone : = 12276942.718749
x0= : -1.385157597724E-12
y0= : -1.456717856488E-12
*****
i=28582
k(28582)=0.99937715831306
kQ(28582)=0.99875470455789
r1= : 2.0126296248671E-12
rpunto1: = 10579283.094592
rduepunti0 : = -4.3418845581141E+25
fil : = 487.75815895795
fipunto1 : = 3.0816406173738E+18
fi_gradi : = 27946.483931362
t1 : = 1.0808794600022E-14
tpunto1 : = 1.0019535584805
tduepunti0 : = -1.4805825511898E+16
v=v_elettrone : = 12270601.030488
x0= : -1.3854851899037E-12
y0= : -1.4581199178059E-12
*****
i=28583
k(28583)=0.99937775736158
kQ(28583)=0.99875590190906
r1= : 2.0138703493648E-12
rpunto1: = 10574195.882801
rduepunti0 : = -4.3377118602782E+25
fil : = 487.75852036874
fipunto1 : = 3.0778411433325E+18
fi_gradi : = 27946.504638675
t1 : = 1.0808794717529E-14
tpunto1 : = 1.0019518250532
tduepunti0 : = -1.4780411078263E+16
v=v_elettrone : = 12264266.957794
x0= : -1.3858121896488E-12
y0= : -1.4595213537025E-12
*****
i=28584
k(28584)=0.9993783555468
kQ(28584)=0.99875709753543
r1= : 2.015110477241E-12
rpunto1: = 10569113.55586
rduepunti0 : = -4.3335466974272E+25
fil : = 487.75888133393
fipunto1 : = 3.0740505153991E+18
fi_gradi : = 27946.525320456
t1 : = 1.0808794835037E-14
tpunto1 : = 1.0019500945987
tduepunti0 : = -1.4755063730603E+16
v=v_elettrone : = 12257940.483505
x0= : -1.3861385979155E-12
y0= : -1.460922164737E-12
```

```
*****
i=28585
k(28585)=0.9993789528706
kQ(28585)=0.99875829144074
r1= : 2.0163500090685E-12
rpunto1: = 10564036.104951
rduepunti0 : = -4.3293890514231E+25
fil : = 487.75924185455
fipunto1 : = 3.0702687044302E+18
fi_gradi : = 27946.545976767
t1 : = 1.0808794952544E-14
tpunto1 : = 1.0019483671089
tduepunti0 : = -1.4729783229031E+16
v=v_elettrone : = 12251621.59137
x0= : -1.3864644156573E-12
y0= : -1.4623223514679E-12
*****
i=28586
k(28586)=0.99937954933484
kQ(28586)=0.9987594836287
r1= : 2.0175889454192E-12
rpunto1: = 10558963.521281
rduepunti0 : = -4.325238904178E+25
fil : = 487.75960193165
fipunto1 : = 3.0664956814062E+18
fi_gradi : = 27946.566607665
t1 : = 1.0808795070052E-14
tpunto1 : = 1.0019466425762
tduepunti0 : = -1.4704569334736E+16
v=v_elettrone : = 12245310.264082
x0= : -1.3867896438254E-12
y0= : -1.4637219144527E-12
*****
i=28587
k(28587)=0.99938014494136
kQ(28587)=0.99876067410302
r1= : 2.0188272868639E-12
rpunto1: = 10553895.796076
rduepunti0 : = -4.3210962376542E+25
fil : = 487.75996156626
fipunto1 : = 3.0627314174307E+18
fi_gradi : = 27946.58721321
t1 : = 1.0808795187559E-14
tpunto1 : = 1.0019449209928
tduepunti0 : = -1.4679421809981E+16
v=v_elettrone : = 12239006.484759
x0= : -1.3871142833685E-12
y0= : -1.4651208542482E-12
*****
i=28588
k(28588)=0.99938073969204
kQ(28588)=0.9987618628674
r1= : 2.0200650339724E-12
rpunto1: = 10548832.920583
rduepunti0 : = -4.3169610338636E+25
fil : = 487.7603207594
fipunto1 : = 3.0589758837298E+18
fi_gradi : = 27946.607793461
t1 : = 1.0808795305065E-14
tpunto1 : = 1.0019432023509
tduepunti0 : = -1.4654340418091E+16
v=v_elettrone : = 12232710.236428
x0= : -1.3874383352328E-12
y0= : -1.4665191714099E-12
```

```
*****
i=28589
k(28589)=0.9993813335887
kQ(28589)=0.99876304992553
r1= : 2.0213021873135E-12
rpunto1: = 10543774.886073
rduepunti0 : = -4.3128332748679E+25
fil : = 487.76067951209
fipunto1 : = 3.0552290516513E+18
fi_gradi : = 27946.628348476
t1 : = 1.0808795422572E-14
tpunto1 : = 1.0019414866428
tduepunti0 : = -1.4629324923455E+16
v=v_elettrone : = 12226421.503069
x0= : -1.3877618003622E-12
y0= : -1.4679168664926E-12
*****
i=28590
k(28590)=0.9993819266332
kQ(28590)=0.99876423528109
r1= : 2.022538747455E-12
rpunto1: = 10538721.683834
rduepunti0 : = -4.3087129427785E+25
fil : = 487.76103782537
fipunto1 : = 3.0514908926646E+18
fi_gradi : = 27946.648878314
t1 : = 1.0808795540078E-14
tpunto1 : = 1.0019397738608
tduepunti0 : = -1.4604375091513E+16
v=v_elettrone : = 12220140.267556
x0= : -1.3880846796981E-12
y0= : -1.4693139400502E-12
*****
i=28591
k(28591)=0.99938251882737
kQ(28591)=0.99876541893773
r1= : 2.0237747149634E-12
rpunto1: = 10533673.305178
rduepunti0 : = -4.3046000197561E+25
fil : = 487.76139570023
fipunto1 : = 3.0477613783594E+18
fi_gradi : = 27946.669383034
t1 : = 1.0808795657585E-14
tpunto1 : = 1.0019380639972
tduepunti0 : = -1.4579490688756E+16
v=v_elettrone : = 12213866.513215
x0= : -1.3884069741796E-12
y0= : -1.4707103926356E-12
*****
i=28592
k(28592)=0.99938311017304
kQ(28592)=0.99876660089913
r1= : 2.0250100904046E-12
rpunto1: = 10528629.741436
rduepunti0 : = -4.3004944880109E+25
fil : = 487.7617531377
fipunto1 : = 3.0440404804456E+18
fi_gradi : = 27946.689862692
t1 : = 1.080879577509E-14
tpunto1 : = 1.0019363570443
tduepunti0 : = -1.4554671482718E+16
v=v_elettrone : = 12207600.223303
x0= : -1.3887286847432E-12
y0= : -1.4721062248007E-12
```

```
*****
i=28593
k(28593)=0.99938370067203
kQ(28593)=0.99876778116892
r1= : 2.0262448743433E-12
rpunto1: = 10523590.98396
rduepunti0 : = -4.2963963298023E+25
fil : = 487.76211013879
fipunto1 : = 3.0403281707522E+18
fi_gradi : = 27946.710317348
t1 : = 1.0808795892596E-14
tpunto1 : = 1.0019346529946
tduepunti0 : = -1.4529917241969E+16
v=v_elettrone : = 12201341.381981
x0= : -1.3890498123232E-12
y0= : -1.4735014370965E-12
*****
i=28594
k(28594)=0.99938429032617
kQ(28594)=0.99876895975074
r1= : 2.0274790673431E-12
rpunto1: = 10518557.024123
rduepunti0 : = -4.2923055274386E+25
fil : = 487.76246670451
fipunto1 : = 3.0366244212274E+18
fi_gradi : = 27946.730747059
t1 : = 1.0808796010102E-14
tpunto1 : = 1.0019329518405
tduepunti0 : = -1.4505227736113E+16
v=v_elettrone : = 12195089.972366
x0= : -1.3893703578515E-12
y0= : -1.4748960300733E-12
*****
i=28595
k(28595)=0.99938487913727
kQ(28595)=0.99877013664822
r1= : 2.0287126699666E-12
rpunto1: = 10513527.85332
rduepunti0 : = -4.2882220632775E+25
fil : = 487.76282283585
fipunto1 : = 3.0329292039371E+18
fi_gradi : = 27946.751151882
t1 : = 1.0808796127607E-14
tpunto1 : = 1.0019312535743
tduepunti0 : = -1.4480602735778E+16
v=v_elettrone : = 12188845.977979
x0= : -1.3896903222575E-12
y0= : -1.4762900042803E-12
*****
i=28596
k(28596)=0.99938546710715
kQ(28596)=0.99877131186497
r1= : 2.0299456827755E-12
rpunto1: = 10508503.462965
rduepunti0 : = -4.284145919725E+25
fil : = 487.76317853383
fipunto1 : = 3.029242491065E+18
fi_gradi : = 27946.771531874
t1 : = 1.0808796245112E-14
tpunto1 : = 1.0019295581886
tduepunti0 : = -1.4456042012614E+16
v=v_elettrone : = 12182609.382794
x0= : -1.3900097064684E-12
y0= : -1.4776833602659E-12
```

```
*****
i=28597
k(28597)=0.9993860542376
kQ(28597)=0.9987724854046
r1= : 2.0311781063305E-12
rpunto1: = 10503483.844493
rduepunti0 : = -4.2800770792364E+25
fil : = 487.76353379943
fipunto1 : = 3.0255642549117E+18
fi_gradi : = 27946.791887094
t1 : = 1.0808796362617E-14
tpunto1 : = 1.0019278656758
tduepunti0 : = -1.4431545339288E+16
v=v_elettrone : = 12176380.170197
x0= : -1.3903285114088E-12
y0= : -1.4790760985774E-12
*****
i=28598
k(28598)=0.99938664053043
kQ(28598)=0.9987736572707
r1= : 2.0324099411912E-12
rpunto1: = 10498468.98936
rduepunti0 : = -4.2760155243152E+25
fil : = 487.76388863365
fipunto1 : = 3.0218944678941E+18
fi_gradi : = 27946.812217597
t1 : = 1.0808796480122E-14
tpunto1 : = 1.0019261760285
tduepunti0 : = -1.4407112489475E+16
v=v_elettrone : = 12170158.324515
x0= : -1.3906467380012E-12
y0= : -1.4804682197613E-12
*****
i=28599
k(28599)=0.99938722598744
kQ(28599)=0.99877482746686
r1= : 2.0336411879163E-12
rpunto1: = 10493458.889041
rduepunti0 : = -4.2719612375136E+25
fil : = 487.76424303748
fipunto1 : = 3.0182331025448E+18
fi_gradi : = 27946.832523441
t1 : = 1.0808796597627E-14
tpunto1 : = 1.0019244892391
tduepunti0 : = -1.4382743237855E+16
v=v_elettrone : = 12163943.828502
x0= : -1.3909643871655E-12
y0= : -1.4818597243633E-12
*****
i=28600
k(28600)=0.9993878106104
kQ(28600)=0.99877599599666
r1= : 2.0348718470633E-12
rpunto1: = 10488453.535033
rduepunti0 : = -4.2679142014319E+25
fil : = 487.76459701192
fipunto1 : = 3.0145801315118E+18
fi_gradi : = 27946.852804682
t1 : = 1.0808796715131E-14
tpunto1 : = 1.0019228053004
tduepunti0 : = -1.4358437360109E+16
v=v_elettrone : = 12157736.666849
x0= : -1.3912814598197E-12
y0= : -1.4832506129281E-12
```

```
*****
i=28601
k(28601)=0.99938839440112
kQ(28601)=0.99877716286365
r1= : 2.036101919189E-12
rpunto1: = 10483452.918853
rduepunti0 : = -4.2638743987189E+25
fil : = 487.76495055794
fipunto1 : = 3.0109355275573E+18
fi_gradi : = 27946.873061377
t1 : = 1.0808796832635E-14
tpunto1 : = 1.0019211242048
tduepunti0 : = -1.4334194632909E+16
v=v_elettrone : = 12151536.822666
x0= : -1.391597956879E-12
y0= : -1.4846408859994E-12
*****
i=28602
k(28602)=0.99938897736136
kQ(28602)=0.99877832807139
r1= : 2.0373314048489E-12
rpunto1: = 10478457.032037
rduepunti0 : = -4.2598418120713E+25
fil : = 487.76530367652
fipunto1 : = 3.0072992635577E+18
fi_gradi : = 27946.893293582
t1 : = 1.0808796950139E-14
tpunto1 : = 1.0019194459449
tduepunti0 : = -1.4310014833918E+16
v=v_elettrone : = 12145344.281005
x0= : -1.3919138792566E-12
y0= : -1.4860305441201E-12
*****
i=28603
k(28603)=0.99938955949291
kQ(28603)=0.99877949162344
r1= : 2.0385603045978E-12
rpunto1: = 10473465.866144
rduepunti0 : = -4.255816424234E+25
fil : = 487.76565636865
fipunto1 : = 3.0036713125028E+18
fi_gradi : = 27946.913501352
t1 : = 1.0808797067643E-14
tpunto1 : = 1.0019177705135
tduepunti0 : = -1.4285897741782E+16
v=v_elettrone : = 12139159.025351
x0= : -1.3922292278632E-12
y0= : -1.4874195878323E-12
*****
i=28604
k(28604)=0.99939014079753
kQ(28604)=0.99878065352331
r1= : 2.0397886189892E-12
rpunto1: = 10468479.412751
rduepunti0 : = -4.2517982179996E+25
fil : = 487.7660086353
fipunto1 : = 3.0000516474952E+18
fi_gradi : = 27946.933684744
t1 : = 1.0808797185147E-14
tpunto1 : = 1.0019160979032
tduepunti0 : = -1.4261843136125E+16
v=v_elettrone : = 12132981.039112
x0= : -1.3925440036073E-12
y0= : -1.4888080176769E-12
```

```
*****
i=28605
k(28605)=0.99939072127699
kQ(28605)=0.99878181377455
r1= : 2.0410163485759E-12
rpunto1 : = 10463497.663455
rduepunti0 : = -4.2477871762084E+25
fil : = 487.76636047743
fipunto1 : = 2.9964402417495E+18
fi_gradi : = 27946.953843814
t1 : = 1.080879730265E-14
tpunto1 : = 1.0019144281066
tduepunti0 : = -1.4237850797543E+16
v=v_elettrone : = 12126810.307647
x0= : -1.3928582073952E-12
y0= : -1.4901958341942E-12
*****
i=28606
k(28606)=0.99939130093305
kQ(28606)=0.99878297238066
r1= : 2.0422434939096E-12
rpunto1 : = 10458520.609875
rduepunti0 : = -4.2437832817484E+25
fil : = 487.76671189603
fipunto1 : = 2.9928370685924E+18
fi_gradi : = 27946.973978616
t1 : = 1.0808797420153E-14
tpunto1 : = 1.0019127611166
tduepunti0 : = -1.4213920507603E+16
v=v_elettrone : = 12120646.814229
x0= : -1.3931718401306E-12
y0= : -1.4915830379236E-12
*****
i=28607
k(28607)=0.99939187976747
kQ(28607)=0.99878412934515
r1= : 2.0434700555409E-12
rpunto1 : = 10453548.243647
rduepunti0 : = -4.2397865175551E+25
fil : = 487.76706289205
fipunto1 : = 2.9892421014614E+18
fi_gradi : = 27946.994089207
t1 : = 1.0808797537656E-14
tpunto1 : = 1.0019110969258
tduepunti0 : = -1.419005204883E+16
v=v_elettrone : = 12114490.543077
x0= : -1.3934849027151E-12
y0= : -1.4929696294034E-12
*****
i=28608
k(28608)=0.99939245778198
kQ(28608)=0.99878528467151
r1= : 2.0446960340196E-12
rpunto1 : = 10448580.55643
rduepunti0 : = -4.2357968666112E+25
fil : = 487.76741346646
fipunto1 : = 2.9856553139045E+18
fi_gradi : = 27947.014175641
t1 : = 1.0808797655159E-14
tpunto1 : = 1.0019094355271
tduepunti0 : = -1.4166245204712E+16
v=v_elettrone : = 12108341.478841
x0= : -1.3937973960483E-12
y0= : -1.4943556091711E-12
```



```
*****
i=28609
k(28609)=0.99939303497835
kQ(28609)=0.99878643836324
r1= : 2.0459214298944E-12
rpunto1: = 10443617.5399
rduepunti0 : = -4.2318143119468E+25
fil : = 487.76776362021
fipunto1 : = 2.98207667958E+18
fi_gradi : = 27947.034237973
t1 : = 1.0808797772662E-14
tpunto1 : = 1.0019077769132
tduepunti0 : = -1.4142499759685E+16
v=v_elettrone : = 12102199.60561
x0= : -1.3941093210271E-12
y0= : -1.4957409777634E-12
*****
i=28610
k(28610)=0.99939361135831
kQ(28610)=0.9987875904238
r1= : 2.0471462437131E-12
rpunto1: = 10438659.185757
rduepunti0 : = -4.227838836639E+25
fil : = 487.76811335427
fipunto1 : = 2.9785061722552E+18
fi_gradi : = 27947.054276258
t1 : = 1.0808797890164E-14
tpunto1 : = 1.001906121077
tduepunti0 : = -1.4118815499134E+16
v=v_elettrone : = 12096064.907402
x0= : -1.3944206785463E-12
y0= : -1.4971257357161E-12
*****
i=28611
k(28611)=0.99939418692359
kQ(28611)=0.99878874085667
r1= : 2.0483704760226E-12
rpunto1: = 10433705.485715
rduepunti0 : = -4.223870423812E+25
fil : = 487.76846266958
fipunto1 : = 2.9749437658066E+18
fi_gradi : = 27947.074290551
t1 : = 1.0808798007667E-14
tpunto1 : = 1.0019044680113
tduepunti0 : = -1.4095192209389E+16
v=v_elettrone : = 12089937.369171
x0= : -1.3947314694987E-12
y0= : -1.4985098835639E-12
*****
i=28612
k(28612)=0.99939476167593
kQ(28612)=0.9987898896653
r1= : 2.0495941273685E-12
rpunto1: = 10428756.431514
rduepunti0 : = -4.2199090566367E+25
fil : = 487.7688115671
fipunto1 : = 2.9713894342188E+18
fi_gradi : = 27947.094280907
t1 : = 1.0808798125169E-14
tpunto1 : = 1.0019028177089
tduepunti0 : = -1.4071629677714E+16
v=v_elettrone : = 12083816.975314
x0= : -1.3950416947745E-12
y0= : -1.4998934218409E-12
```

```
*****
i=28613
k(28613)=0.99939533561706
kQ(28613)=0.99879103685313
r1= : 2.0508171982959E-12
rpunto1: = 10423812.014909
rduepunti0 : = -4.2159547183308E+25
fil : = 487.76916004777
fipunto1 : = 2.9678431515842E+18
fi_gradi : = 27947.114247378
t1 : = 1.080879824267E-14
tpunto1 : = 1.0019011701629
tduepunti0 : = -1.4048127692308E+16
v=v_elettrone : = 12077703.709655
x0= : -1.3953513552618E-12
y0= : -1.5012763510802E-12
*****
i=28614
k(28614)=0.99939590874868
kQ(28614)=0.99879218242361
r1= : 2.0520396893485E-12
rpunto1: = 10418872.227676
rduepunti0 : = -4.2120073921588E+25
fil : = 487.76950811254
fipunto1 : = 2.9643048921026E+18
fi_gradi : = 27947.13419002
t1 : = 1.0808798360172E-14
tpunto1 : = 1.001899525366
tduepunti0 : = -1.4024686042296E+16
v=v_elettrone : = 12071597.557966
x0= : -1.3956604518466E-12
y0= : -1.5026586718139E-12
*****
i=28615
k(28615)=0.99939648107253
kQ(28615)=0.99879332638016
r1= : 2.0532616010694E-12
rpunto1: = 10413937.061612
rduepunti0 : = -4.2080670614314E+25
fil : = 487.76985576234
fipunto1 : = 2.9607746300803E+18
fi_gradi : = 27947.154108887
t1 : = 1.0808798477674E-14
tpunto1 : = 1.0018978833113
tduepunti0 : = -1.4001304517727E+16
v=v_elettrone : = 12065498.503442
x0= : -1.3959689854124E-12
y0= : -1.5040403845736E-12
*****
i=28616
k(28616)=0.99939705259031
kQ(28616)=0.99879446872621
r1= : 2.0544829340004E-12
rpunto1: = 10409006.508532
rduepunti0 : = -4.2041337095059E+25
fil : = 487.77020299812
fipunto1 : = 2.9572523399296E+18
fi_gradi : = 27947.174004032
t1 : = 1.0808798595175E-14
tpunto1 : = 1.0018962439917
tduepunti0 : = -1.3977982909568E+16
v=v_elettrone : = 12059406.531725
x0= : -1.3962769568408E-12
y0= : -1.5054214898896E-12
```

```
*****
i=28617
k(28617)=0.99939762330373
kQ(28617)=0.99879560946515
r1= : 2.0557036886826E-12
rpunto1: = 10404080.56027
rduepunti0 : = -4.2002073197856E+25
fil : = 487.77054982081
fipunto1 : = 2.9537379961688E+18
fi_gradi : = 27947.193875508
t1 : = 1.0808798712676E-14
tpunto1 : = 1.0018946074003
tduepunti0 : = -1.3954721009698E+16
v=v_elettrone : = 12053321.626895
x0= : -1.3965843670111E-12
y0= : -1.5068019882915E-12
*****
i=28618
k(28618)=0.99939819321449
kQ(28618)=0.99879674860039
r1= : 2.056923865656E-12
rpunto1: = 10399159.208681
rduepunti0 : = -4.1962878757201E+25
fil : = 487.77089623134
fipunto1 : = 2.9502315734209E+18
fi_gradi : = 27947.21372337
t1 : = 1.0808798830177E-14
tpunto1 : = 1.00189297353
tduepunti0 : = -1.3931518610907E+16
v=v_elettrone : = 12047243.77397
x0= : -1.3968912168003E-12
y0= : -1.508181880308E-12
*****
i=28619
k(28619)=0.99939876232429
kQ(28619)=0.99879788613532
r1= : 2.0581434654598E-12
rpunto1: = 10394242.445638
rduepunti0 : = -4.1923753608049E+25
fil : = 487.77124223065
fipunto1 : = 2.9467330464136E+18
fi_gradi : = 27947.233547669
t1 : = 1.0808798947678E-14
tpunto1 : = 1.0018913423739
tduepunti0 : = -1.3908375506885E+16
v=v_elettrone : = 12041172.957401
x0= : -1.3971975070834E-12
y0= : -1.509561166467E-12
*****
i=28620
k(28620)=0.99939933063482
kQ(28620)=0.99879902207333
r1= : 2.059362488632E-12
rpunto1: = 10389330.263035
rduepunti0 : = -4.1884697585815E+25
fil : = 487.77158781965
fipunto1 : = 2.9432423899787E+18
fi_gradi : = 27947.253348461
t1 : = 1.0808799065178E-14
tpunto1 : = 1.001889713925
tduepunti0 : = -1.3885291492224E+16
v=v_elettrone : = 12035109.162581
x0= : -1.3975032387331E-12
y0= : -1.5109398472955E-12
```

```
*****
i=28621
k(28621)=0.99939989814777
kQ(28621)=0.99880015641777
r1= : 2.0605809357098E-12
rpunto1: = 10384422.652783
rduepunti0 : = -4.184571052637E+25
fil : = 487.77193299927
fipunto1 : = 2.9397595790513E+18
fi_gradi : = 27947.273125796
t1 : = 1.0808799182678E-14
tpunto1 : = 1.0018880881766
tduepunti0 : = -1.3862266362408E+16
v=v_elettrone : = 12029052.374343
x0= : -1.3978084126198E-12
y0= : -1.5123179233196E-12
*****
i=28622
k(28622)=0.99940046486482
kQ(28622)=0.99880128917202
r1= : 2.0617988072295E-12
rpunto1: = 10379519.606813
rduepunti0 : = -4.1806792266043E+25
fil : = 487.77227777043
fipunto1 : = 2.9362845886696E+18
fi_gradi : = 27947.292879729
t1 : = 1.0808799300179E-14
tpunto1 : = 1.0018864651215
tduepunti0 : = -1.3839299913813E+16
v=v_elettrone : = 12023002.576965
x0= : -1.398113029612E-12
y0= : -1.5136953950646E-12
*****
i=28623
k(28623)=0.99940103078765
kQ(28623)=0.99880242033942
r1= : 2.0630161037264E-12
rpunto1: = 10374621.117077
rduepunti0 : = -4.1767942641615E+25
fil : = 487.77262213405
fipunto1 : = 2.9328173939742E+18
fi_gradi : = 27947.312610311
t1 : = 1.0808799417678E-14
tpunto1 : = 1.0018848447532
tduepunti0 : = -1.3816391943697E+16
v=v_elettrone : = 12016959.756155
x0= : -1.3984170905759E-12
y0= : -1.5150722630549E-12
*****
i=28624
k(28624)=0.99940159591794
kQ(28624)=0.99880354992332
r1= : 2.0642328257349E-12
rpunto1: = 10369727.175544
rduepunti0 : = -4.1729161490323E+25
fil : = 487.77296609104
fipunto1 : = 2.9293579702077E+18
fi_gradi : = 27947.332317595
t1 : = 1.0808799535178E-14
tpunto1 : = 1.0018832270645
tduepunti0 : = -1.3793542250199E+16
v=v_elettrone : = 12010923.896062
x0= : -1.3987205963756E-12
y0= : -1.5164485278141E-12
```

```
*****
i=28625
k(28625)=0.99940216025734
kQ(28625)=0.99880467792705
r1= : 2.0654489737882E-12
rpunto1 : = 10364837.774202
rduepunti0 : = -4.1690448649858E+25
fil : = 487.77330964232
fipunto1 : = 2.9259062927142E+18
fi_gradi : = 27947.352001633
t1 : = 1.0808799652678E-14
tpunto1 : = 1.0018816120489
tduepunti0 : = -1.3770750632336E+16
v=v_elettrone : = 12004894.982289
x0= : -1.399023547873E-12
y0= : -1.5178241898646E-12
*****
i=28626
k(28626)=0.99940272380754
kQ(28626)=0.99880580435393
r1= : 2.066664548419E-12
rpunto1 : = 10359952.905058
rduepunti0 : = -4.1651803958358E+25
fil : = 487.77365278878
fipunto1 : = 2.9224623369384E+18
fi_gradi : = 27947.371662477
t1 : = 1.0808799770177E-14
tpunto1 : = 1.0018799996994
tduepunti0 : = -1.3748016889993E+16
v=v_elettrone : = 11998873.000366
x0= : -1.3993259459279E-12
y0= : -1.5191992497285E-12
*****
i=28627
k(28627)=0.99940328657019
kQ(28627)=0.99880692920729
r1= : 2.0678795501587E-12
rpunto1 : = 10355072.560141
rduepunti0 : = -4.1613227254415E+25
fil : = 487.77399553135
fipunto1 : = 2.9190260784259E+18
fi_gradi : = 27947.391300179
t1 : = 1.0808799887676E-14
tpunto1 : = 1.0018783900094
tduepunti0 : = -1.3725340823924E+16
v=v_elettrone : = 11992857.93477
x0= : -1.399627791398E-12
y0= : -1.5205737079268E-12
*****
i=28628
k(28628)=0.99940384854694
kQ(28628)=0.99880805249043
r1= : 2.0690939795379E-12
rpunto1 : = 10350196.731494
rduepunti0 : = -4.1574718377068E+25
fil : = 487.77433787091
fipunto1 : = 2.9155974928218E+18
fi_gradi : = 27947.410914792
t1 : = 1.0808800005175E-14
tpunto1 : = 1.001876782972
tduepunti0 : = -1.3702722235742E+16
v=v_elettrone : = 11986849.77041
x0= : -1.3999290851388E-12
y0= : -1.5219475649794E-12
```

```
*****
i=28629
k(28629)=0.99940440973944
kQ(28629)=0.99880917420664
r1= : 2.0703078370863E-12
rpunto1: = 10345325.411182
rduepunti0 : = -4.1536277165805E+25
fil : = 487.77467980838
fipunto1 : = 2.9121765558709E+18
fi_gradi : = 27947.430506365
t1 : = 1.0808800122674E-14
tpunto1 : = 1.0018751785807
tduepunti0 : = -1.3680160927922E+16
v=v_elettrone : = 11980848.493159
x0= : -1.4002298280039E-12
y0= : -1.5233208214057E-12
*****
i=28630
k(28630)=0.99940497014935
kQ(28630)=0.99881029435921
r1= : 2.0715211233326E-12
rpunto1: = 10340458.591288
rduepunti0 : = -4.1497903460559E+25
fil : = 487.77502134464
fipunto1 : = 2.9087632434168E+18
fi_gradi : = 27947.450074951
t1 : = 1.0808800240173E-14
tpunto1 : = 1.0018735768285
tduepunti0 : = -1.3657656703787E+16
v=v_elettrone : = 11974854.088311
x0= : -1.4005300208445E-12
y0= : -1.524693477724E-12
*****
i=28631
k(28631)=0.99940552977829
kQ(28631)=0.99881141295143
r1= : 2.0727338388046E-12
rpunto1: = 10335596.263914
rduepunti0 : = -4.1459597101708E+25
fil : = 487.77536248059
fipunto1 : = 2.9053575314016E+18
fi_gradi : = 27947.469620602
t1 : = 1.0808800357671E-14
tpunto1 : = 1.001871977709
tduepunti0 : = -1.3635209367513E+16
v=v_elettrone : = 11968866.54112
x0= : -1.4008296645098E-12
y0= : -1.526065534452E-12
*****
i=28632
k(28632)=0.99940608862792
kQ(28632)=0.99881252998656
r1= : 2.0739459840292E-12
rpunto1: = 10330738.42118
rduepunti0 : = -4.1421357930075E+25
fil : = 487.77570321713
fipunto1 : = 2.9019593958652E+18
fi_gradi : = 27947.489143367
t1 : = 1.0808800475169E-14
tpunto1 : = 1.0018703812154
tduepunti0 : = -1.3612818724118E+16
v=v_elettrone : = 11962885.836767
x0= : -1.4011287598471E-12
y0= : -1.5274369921064E-12
```

```
*****
i=28633
k(28633)=0.99940664669986
kQ(28633)=0.99881364546786
r1= : 2.0751575595324E-12
rpunto1: = 10325885.055225
rduepunti0 : = -4.1383185786926E+25
fil : = 487.77604355513
fipunto1 : = 2.8985688129451E+18
fi_gradi : = 27947.508643299
t1 : = 1.0808800592667E-14
tpunto1 : = 1.0018687873411
tduepunti0 : = -1.359048457946E+16
v=v_elettrone : = 11956911.960377
x0= : -1.4014273077013E-12
y0= : -1.5288078512031E-12
*****
i=28634
k(28634)=0.99940720399574
kQ(28634)=0.99881475939858
r1= : 2.0763685658392E-12
rpunto1: = 10321036.158207
rduepunti0 : = -4.1345080513968E+25
fil : = 487.77638349549
fipunto1 : = 2.8951857588759E+18
fi_gradi : = 27947.528120447
t1 : = 1.0808800710165E-14
tpunto1 : = 1.0018671960796
tduepunti0 : = -1.3568206740234E+16
v=v_elettrone : = 11950944.898037
x0= : -1.4017253089155E-12
y0= : -1.530178112257E-12
*****
i=28635
k(28635)=0.99940776051718
kQ(28635)=0.99881587178197
r1= : 2.0775790034737E-12
rpunto1: = 10316191.722301
rduepunti0 : = -4.1307041953348E+25
fil : = 487.7767230391
fipunto1 : = 2.8918102099883E+18
fi_gradi : = 27947.547574862
t1 : = 1.0808800827663E-14
tpunto1 : = 1.0018656074241
tduepunti0 : = -1.3545985013965E+16
v=v_elettrone : = 11944984.635263
x0= : -1.4020227643306E-12
y0= : -1.5315477757823E-12
*****
i=28636
k(28636)=0.99940831626581
kQ(28636)=0.99881698262126
r1= : 2.078788872959E-12
rpunto1: = 10311351.739702
rduepunti0 : = -4.1269069947654E+25
fil : = 487.77706218682
fipunto1 : = 2.8884421427094E+18
fi_gradi : = 27947.567006595
t1 : = 1.080880094516E-14
tpunto1 : = 1.0018640213683
tduepunti0 : = -1.3523819209005E+16
v=v_elettrone : = 11939031.15702
x0= : -1.4023196747854E-12
y0= : -1.5329168422926E-12
```

```
*****
i=28637
k(28637)=0.99940887124323
kQ(28637)=0.99881809191967
r1= : 2.0799981748175E-12
rpunto1 : = 10306516.202624
rduepunti0 : = -4.1231164339908E+25
fil : = 487.77740093954
fipunto1 : = 2.8850815335616E+18
fi_gradi : = 27947.586415696
t1 : = 1.0808801062658E-14
tpunto1 : = 1.0018624379055
tduepunti0 : = -1.3501709134529E+16
v=v_elettrone : = 11933084.449211
x0= : -1.4026160411167E-12
y0= : -1.5342853123002E-12
*****
i=28638
k(28638)=0.99940942545107
kQ(28638)=0.99881919968043
r1= : 2.0812069095706E-12
rpunto1 : = 10301685.103297
rduepunti0 : = -4.1193324973572E+25
fil : = 487.7773929813
fipunto1 : = 2.8817283591625E+18
fi_gradi : = 27947.605802216
t1 : = 1.0808801180155E-14
tpunto1 : = 1.0018608570292
tduepunti0 : = -1.3479654600531E+16
v=v_elettrone : = 11927144.497187
x0= : -1.4029118641593E-12
y0= : -1.5356531863169E-12
*****
i=28639
k(28639)=0.99940997889091
kQ(28639)=0.99882030590674
r1= : 2.0824150777386E-12
rpunto1 : = 10296858.433971
rduepunti0 : = -4.115551692544E+25
fil : = 487.77807726347
fipunto1 : = 2.8783825962242E+18
fi_gradi : = 27947.625166203
t1 : = 1.0808801297652E-14
tpunto1 : = 1.001859278733
tduepunti0 : = -1.3457655417817E+16
v=v_elettrone : = 11921211.287254
x0= : -1.403207144746E-12
y0= : -1.5370204648534E-12
*****
i=28640
k(28640)=0.99941053156438
kQ(28640)=0.99882141060179
r1= : 2.0836226798412E-12
rpunto1 : = 10292036.186914
rduepunti0 : = -4.1117844341153E+25
fil : = 487.77841483642
fipunto1 : = 2.8750442215531E+18
fi_gradi : = 27947.644507708
t1 : = 1.0808801415149E-14
tpunto1 : = 1.0018577030103
tduepunti0 : = -1.3435711398006E+16
v=v_elettrone : = 11915284.804663
x0= : -1.4035018837072E-12
y0= : -1.5383871484198E-12
```



```
*****
i=28641
k(28641)=0.99941108347305
kQ(28641)=0.99882251376877
r1= : 2.0848297163969E-12
rpunto1 : = 10287218.354412
rduepunti0 : = -4.1080202764164E+25
fil : = 487.77875201785
fipunto1 : = 2.871713212049E+18
fi_gradi : = 27947.663826781
t1 : = 1.0808801532645E-14
tpunto1 : = 1.0018561298547
tduepunti0 : = -1.3413822353522E+16
v=v_elettrone : = 11909365.035595
x0= : -1.4037960818718E-12
y0= : -1.5397532375254E-12
*****
i=28642
k(28642)=0.99941163461853
kQ(28642)=0.99882361541088
r1= : 2.0860361879235E-12
rpunto1 : = 10282404.92877
rduepunti0 : = -4.1042626806772E+25
fil : = 487.77908880862
fipunto1 : = 2.8683895447051E+18
fi_gradi : = 27947.683123471
t1 : = 1.0808801650141E-14
tpunto1 : = 1.0018545592599
tduepunti0 : = -1.3391988097589E+16
v=v_elettrone : = 11903451.965181
x0= : -1.4040897400662E-12
y0= : -1.5411187326784E-12
*****
i=28643
k(28643)=0.9994121850024
kQ(28643)=0.99882471553127
r1= : 2.0872420949379E-12
rpunto1 : = 10277595.902308
rduepunti0 : = -4.1005116314605E+25
fil : = 487.7794252096
fipunto1 : = 2.8650731966073E+18
fi_gradi : = 27947.702397827
t1 : = 1.0808801767638E-14
tpunto1 : = 1.0018529912193
tduepunti0 : = -1.337020844423E+16
v=v_elettrone : = 11897545.579513
x0= : -1.4043828591151E-12
y0= : -1.5424836343865E-12
*****
i=28644
k(28644)=0.99941273462625
kQ(28644)=0.99882581413312
r1= : 2.0884474379559E-12
rpunto1 : = 10272791.267369
rduepunti0 : = -4.0967671133718E+25
fil : = 487.77976122164
fipunto1 : = 2.8617641449338E+18
fi_gradi : = 27947.721649899
t1 : = 1.0808801885134E-14
tpunto1 : = 1.0018514257266
tduepunti0 : = -1.3348483208262E+16
v=v_elettrone : = 11891645.86512
x0= : -1.4046754398412E-12
y0= : -1.5438479431562E-12
```

```
*****
i=28645
k(28645)=0.99941328349166
kQ(28645)=0.99882691121957
r1= : 2.0896522174926E-12
rpunto1 : = 10267991.01631
rduepunti0 : = -4.0930291110596E+25
fil : = 487.7800968456
fipunto1 : = 2.8584623669546E+18
fi_gradi : = 27947.740879735
t1 : = 1.0808802002629E-14
tpunto1 : = 1.0018498627755
tduepunti0 : = -1.3326812205291E+16
v=v_elettrone : = 11885752.806977
x0= : -1.4049674830649E-12
y0= : -1.5452116594935E-12
*****
i=28646
k(28646)=0.99941383160019
kQ(28646)=0.99882800679378
r1= : 2.0908564340621E-12
rpunto1 : = 10263195.141507
rduepunti0 : = -4.0892976092149E+25
fil : = 487.78043208233
fipunto1 : = 2.8551678400311E+18
fi_gradi : = 27947.760087385
t1 : = 1.0808802120125E-14
tpunto1 : = 1.0018483023596
tduepunti0 : = -1.3305195251708E+16
v=v_elettrone : = 11879866.392018
x0= : -1.405258989605E-12
y0= : -1.5465747839035E-12
*****
i=28647
k(28647)=0.99941437895343
kQ(28647)=0.99882910085888
r1= : 2.0920600881777E-12
rpunto1 : = 10258403.635356
rduepunti0 : = -4.0855725925715E+25
fil : = 487.78076693269
fipunto1 : = 2.8518805416155E+18
fi_gradi : = 27947.779272897
t1 : = 1.0808802237621E-14
tpunto1 : = 1.0018467444726
tduepunti0 : = -1.3283632164685E+16
v=v_elettrone : = 11873986.605095
x0= : -1.4055499602778E-12
y0= : -1.5479373168904E-12
*****
i=28648
k(28648)=0.99941492555294
kQ(28648)=0.998830193418
r1= : 2.0932631803518E-12
rpunto1 : = 10253616.490267
rduepunti0 : = -4.0818540459057E+25
fil : = 487.78110139751
fipunto1 : = 2.8486004492508E+18
fi_gradi : = 27947.79843632
t1 : = 1.0808802355116E-14
tpunto1 : = 1.0018451891081
tduepunti0 : = -1.3262122762172E+16
v=v_elettrone : = 11868113.433554
x0= : -1.4058403958983E-12
y0= : -1.5492992589577E-12
```

```
*****
i=28649
k(28649)=0.99941547140028
kQ(28649)=0.99883128447425
r1= : 2.0944657110957E-12
rpunto1 : = 10248833.698671
rduepunti0 : = -4.0781419540359E+25
fil : = 487.78143547765
fipunto1 : = 2.8453275405698E+18
fi_gradi : = 27947.817577702
t1 : = 1.0808802472611E-14
tpunto1 : = 1.00184363626
tduepunti0 : = -1.3240666862893E+16
v=v_elettrone : = 11862246.862139
x0= : -1.4061302972788E-12
y0= : -1.5506606106079E-12
*****
i=28650
k(28650)=0.99941601649701
kQ(28650)=0.99883237403076
r1= : 2.09566768092E-12
rpunto1 : = 10244055.253015
rduepunti0 : = -4.0744363018229E+25
fil : = 487.78176917394
fipunto1 : = 2.8420617932949E+18
fi_gradi : = 27947.836697091
t1 : = 1.0808802590106E-14
tpunto1 : = 1.001842085922
tduepunti0 : = -1.3219264286342E+16
v=v_elettrone : = 11856386.878597
x0= : -1.4064196652303E-12
y0= : -1.5520213723428E-12
*****
i=28651
k(28651)=0.99941656084469
kQ(28651)=0.99883346209062
r1= : 2.0968690903345E-12
rpunto1 : = 10239281.145766
rduepunti0 : = -4.0707370741696E+25
fil : = 487.78210248724
fipunto1 : = 2.8388031852378E+18
fi_gradi : = 27947.855794536
t1 : = 1.0808802707601E-14
tpunto1 : = 1.0018405380878
tduepunti0 : = -1.3197914852775E+16
v=v_elettrone : = 11850533.467569
x0= : -1.4067085005613E-12
y0= : -1.5533815446635E-12
*****
i=28652
k(28652)=0.99941710444485
kQ(28652)=0.99883454865693
r1= : 2.0980699398479E-12
rpunto1 : = 10234511.369405
rduepunti0 : = -4.0670442560209E+25
fil : = 487.78243541836
fipunto1 : = 2.8355516942989E+18
fi_gradi : = 27947.874870085
t1 : = 1.0808802825095E-14
tpunto1 : = 1.0018389927512
tduepunti0 : = -1.3176618383215E+16
v=v_elettrone : = 11844686.616179
x0= : -1.4069968040786E-12
y0= : -1.5547411280701E-12
```

```
*****
i=28653
k(28653)=0.99941764729906
kQ(28653)=0.99883563373278
r1= : 2.0992702299682E-12
rpunto1: = 10229745.916434
rduepunti0 : = -4.0633578323635E+25
fil : = 487.78276796816
fipunto1 : = 2.8323072984667E+18
fi_gradi : = 27947.893923785
t1 : = 1.080880294259E-14
tpunto1 : = 1.001837449906
tduepunti0 : = -1.3155374699437E+16
v=v_elettrone : = 11838846.310503
x0= : -1.4072845765871E-12
y0= : -1.556100123062E-12
*****
i=28654
k(28654)=0.99941818940884
kQ(28654)=0.99883671732124
r1= : 2.1004699612024E-12
rpunto1: = 10224984.779371
rduepunti0 : = -4.0596777882261E+25
fil : = 487.78310013746
fipunto1 : = 2.8290699758178E+18
fi_gradi : = 27947.912955684
t1 : = 1.0808803060084E-14
tpunto1 : = 1.0018359095461
tduepunti0 : = -1.3134183623975E+16
v=v_elettrone : = 11833012.537047
x0= : -1.4075718188896E-12
y0= : -1.5574585301377E-12
*****
i=28655
k(28655)=0.99941873077574
kQ(28655)=0.99883779942538
r1= : 2.1016691340567E-12
rpunto1: = 10220227.95075
rduepunti0 : = -4.0560041086786E+25
fil : = 487.78343192709
fipunto1 : = 2.8258397045161E+18
fi_gradi : = 27947.931965829
t1 : = 1.0808803177578E-14
tpunto1 : = 1.0018343716654
tduepunti0 : = -1.311304498011E+16
v=v_elettrone : = 11827185.281271
x0= : -1.407858531787E-12
y0= : -1.558816349795E-12
*****
i=28656
k(28656)=0.99941927140128
kQ(28656)=0.99883888004827
r1= : 2.1028677490363E-12
rpunto1: = 10215475.423127
rduepunti0 : = -4.0523367788328E+25
fil : = 487.78376333788
fipunto1 : = 2.8226164628127E+18
fi_gradi : = 27947.950954269
t1 : = 1.0808803295072E-14
tpunto1 : = 1.0018328362576
tduepunti0 : = -1.309195859187E+16
v=v_elettrone : = 11821364.531115
x0= : -1.4081447160784E-12
y0= : -1.5601735825309E-12
```

```
*****
i=28657
k(28657)=0.999419811287
kQ(28657)=0.99883995919295
r1= : 2.1040658066457E-12
rpunto1: = 10210727.18907
rduepunti0 : = -4.0486757838418E+25
fil : = 487.78409437065
fipunto1 : = 2.8194002290451E+18
fi_gradi : = 27947.969921049
t1 : = 1.0808803412565E-14
tpunto1 : = 1.0018313033166
tduepunti0 : = -1.3070924284026E+16
v=v_elettrone : = 11815550.271413
x0= : -1.4084303725607E-12
y0= : -1.5615302288414E-12
*****
i=28658
k(28658)=0.99942035043443
kQ(28658)=0.99884103686248
r1= : 2.1052633073884E-12
rpunto1: = 10205983.241169
rduepunti0 : = -4.0450211088999E+25
fil : = 487.78442502622
fipunto1 : = 2.816190981637E+18
fi_gradi : = 27947.988866218
t1 : = 1.0808803530059E-14
tpunto1 : = 1.0018297728365
tduepunti0 : = -1.3049941882087E+16
v=v_elettrone : = 11809742.489506
x0= : -1.4087155020292E-12
y0= : -1.562886289222E-12
*****
i=28659
k(28659)=0.99942088884507
kQ(28659)=0.99884211305988
r1= : 2.1064602517671E-12
rpunto1: = 10201243.572027
rduepunti0 : = -4.0413727392426E+25
fil : = 487.78475530542
fipunto1 : = 2.8129886990978E+18
fi_gradi : = 27948.007789822
t1 : = 1.0808803647552E-14
tpunto1 : = 1.0018282448111
tduepunti0 : = -1.3029011212298E+16
v=v_elettrone : = 11803941.172169
x0= : -1.4090001052772E-12
y0= : -1.5642417641671E-12
*****
i=28660
k(28660)=0.99942142652046
kQ(28660)=0.99884318778818
r1= : 2.1076566402836E-12
rpunto1: = 10196508.174269
rduepunti0 : = -4.0377306601467E+25
fil : = 487.78508520906
fipunto1 : = 2.8097933600224E+18
fi_gradi : = 27948.026691909
t1 : = 1.0808803765045E-14
tpunto1 : = 1.0018267192344
tduepunti0 : = -1.3008132101635E+16
v=v_elettrone : = 11798146.305096
x0= : -1.4092841830959E-12
y0= : -1.5655966541706E-12
```

```
*****
i=28661
k(28661)=0.99942196346209
kQ(28661)=0.99884426105041
r1= : 2.1088524734388E-12
rpunto1 : = 10191777.040533
rduepunti0 : = -4.0340948569294E+25
fil : = 487.78541473796
fipunto1 : = 2.8066049430906E+18
fi_gradi : = 27948.045572523
t1 : = 1.0808803882538E-14
tpunto1 : = 1.0018251961003
tduepunti0 : = -1.29873043778E+16
v=v_elettrone : = 11792357.875486
x0= : -1.4095677362748E-12
y0= : -1.5669509597254E-12
*****
i=28662
k(28662)=0.99942249967147
kQ(28662)=0.99884533284958
r1= : 2.1100477517328E-12
rpunto1 : = 10187050.163476
rduepunti0 : = -4.0304653149493E+25
fil : = 487.78574389292
fipunto1 : = 2.8034234270664E+18
fi_gradi : = 27948.064431713
t1 : = 1.0808804000031E-14
tpunto1 : = 1.0018236754028
tduepunti0 : = -1.296652786922E+16
v=v_elettrone : = 11786575.869434
x0= : -1.4098507656015E-12
y0= : -1.5683046813237E-12
*****
i=28663
k(28663)=0.99942303515012
kQ(28663)=0.99884640318868
r1= : 2.1112424756649E-12
rpunto1 : = 10182327.535773
rduepunti0 : = -4.0268420196054E+25
fil : = 487.78607267475
fipunto1 : = 2.8002487907983E+18
fi_gradi : = 27948.083269525
t1 : = 1.0808804117523E-14
tpunto1 : = 1.001822157136
tduepunti0 : = -1.2945802405044E+16
v=v_elettrone : = 11780800.274562
x0= : -1.4101332718617E-12
y0= : -1.5696578194567E-12
*****
i=28664
k(28664)=0.99942356989953
kQ(28664)=0.99884747207072
r1= : 2.1124366457334E-12
rpunto1 : = 10177609.150115
rduepunti0 : = -4.0232249563372E+25
fil : = 487.78640108427
fipunto1 : = 2.7970810132182E+18
fi_gradi : = 27948.102086004
t1 : = 1.0808804235016E-14
tpunto1 : = 1.0018206412939
tduepunti0 : = -1.2925127815134E+16
v=v_elettrone : = 11775031.076354
x0= : -1.410415255839E-12
y0= : -1.5710103746151E-12
```

```
*****
i=28665
k(28665)=0.99942410392119
kQ(28665)=0.99884853949868
r1= : 2.1136302624357E-12
rpunto1 : = 10172894.999209
rduepunti0 : = -4.0196141106249E+25
fil : = 487.78672912228
fipunto1 : = 2.7939200733415E+18
fi_gradi : = 27948.120881198
t1 : = 1.0808804352508E-14
tpunto1 : = 1.0018191278706
tduepunti0 : = -1.2904503930068E+16
v=v_elettrone : = 11769268.26283
x0= : -1.4106967183155E-12
y0= : -1.5723623472887E-12
*****
i=28666
k(28666)=0.9994246372166
kQ(28666)=0.99884960547554
r1= : 2.1148233262686E-12
rpunto1 : = 10168185.075781
rduepunti0 : = -4.0160094679889E+25
fil : = 487.78705678957
fipunto1 : = 2.7907659502664E+18
fi_gradi : = 27948.139655151
t1 : = 1.080880447E-14
tpunto1 : = 1.00181761686
tduepunti0 : = -1.2883930581132E+16
v=v_elettrone : = 11763511.819901
x0= : -1.4109776600711E-12
y0= : -1.5737137379665E-12
*****
i=28667
k(28667)=0.99942516978725
kQ(28667)=0.99885067000427
r1= : 2.1160158377279E-12
rpunto1 : = 10163479.372572
rduepunti0 : = -4.01241101399E+25
fil : = 487.78738408696
fipunto1 : = 2.7876186231734E+18
fi_gradi : = 27948.15840791
t1 : = 1.0808804587492E-14
tpunto1 : = 1.0018161082564
tduepunti0 : = -1.2863407600318E+16
v=v_elettrone : = 11757761.73446
x0= : -1.4112580818841E-12
y0= : -1.5750645471367E-12
*****
i=28668
k(28668)=0.99942570163461
kQ(28668)=0.99885173308784
r1= : 2.1172077973084E-12
rpunto1 : = 10158777.882343
rduepunti0 : = -4.0088187342289E+25
fil : = 487.78771101523
fipunto1 : = 2.7844780713255E+18
fi_gradi : = 27948.17713952
t1 : = 1.0808804704983E-14
tpunto1 : = 1.0018146020538
tduepunti0 : = -1.2842934820321E+16
v=v_elettrone : = 11752017.993868
x0= : -1.4115379845307E-12
y0= : -1.5764147752867E-12
```

```
*****
i=28669
k(28669)=0.99942623276017
kQ(28669)=0.99885279472919
r1= : 2.1183992055043E-12
rpunto1 : = 10154080.597868
rduepunti0 : = -4.0052326143465E+25
fil : = 487.78803757518
fipunto1 : = 2.781344274067E+18
fi_gradi : = 27948.195850027
t1 : = 1.0808804822475E-14
tpunto1 : = 1.0018130982463
tduepunti0 : = -1.2822512074533E+16
v=v_elettrone : = 11746280.584395
x0= : -1.4118173687855E-12
y0= : -1.5777644229032E-12
*****
i=28670
k(28670)=0.9994267631654
kQ(28670)=0.99885385493127
r1= : 2.1195900628088E-12
rpunto1 : = 10149387.51194
rduepunti0 : = -4.0016526400235E+25
fil : = 487.7883637676
fipunto1 : = 2.7782172108237E+18
fi_gradi : = 27948.214539476
t1 : = 1.0808804939966E-14
tpunto1 : = 1.0018115968282
tduepunti0 : = -1.2802139197043E+16
v=v_elettrone : = 11740549.493313
x0= : -1.4120962354211E-12
y0= : -1.5791134904721E-12
*****
i=28671
k(28671)=0.99942729285178
kQ(28671)=0.99885491369704
r1= : 2.1207803697143E-12
rpunto1 : = 10144698.617369
rduepunti0 : = -3.9980787969803E+25
fil : = 487.78868959328
fipunto1 : = 2.7750968611022E+18
fi_gradi : = 27948.233207912
t1 : = 1.0808805057457E-14
tpunto1 : = 1.0018100977935
tduepunti0 : = -1.2781816022632E+16
v=v_elettrone : = 11734824.707824
x0= : -1.4123745852083E-12
y0= : -1.5804619784783E-12
*****
i=28672
k(28672)=0.99942782182077
kQ(28672)=0.9988559710294
r1= : 2.1219701267124E-12
rpunto1 : = 10140013.906979
rduepunti0 : = -3.9945110709772E+25
fil : = 487.78901505302
fipunto1 : = 2.7719832044897E+18
fi_gradi : = 27948.251855381
t1 : = 1.0808805174948E-14
tpunto1 : = 1.0018086011365
tduepunti0 : = -1.2761542386767E+16
v=v_elettrone : = 11729106.214585
x0= : -1.412652418916E-12
y0= : -1.5818098874063E-12
```



```
*****
i=28673
k(28673)=0.99942835007383
kQ(28673)=0.99885702693129
r1= : 2.1231593342938E-12
rpunto1 : = 10135333.373616
rduepunti0 : = -3.9909494478139E+25
fil : = 487.78934014759
fipunto1 : = 2.7688762206536E+18
fi_gradi : = 27948.270481928
t1 : = 1.0808805292439E-14
tpunto1 : = 1.0018071068513
tduepunti0 : = -1.2741318125603E+16
v=v_elettrone : = 11723394.000712
x0= : -1.4129297373114E-12
y0= : -1.5831572177396E-12
*****
i=28674
k(28674)=0.99942887761242
kQ(28674)=0.99885808140563
r1= : 2.1243479929483E-12
rpunto1 : = 10130657.010136
rduepunti0 : = -3.9873939133294E+25
fil : = 487.78966487777
fipunto1 : = 2.7657758893408E+18
fi_gradi : = 27948.289087597
t1 : = 1.080880540993E-14
tpunto1 : = 1.0018056149323
tduepunti0 : = -1.2721143075973E+16
v=v_elettrone : = 11717688.053272
x0= : -1.4132065411598E-12
y0= : -1.584503969961E-12
*****
i=28675
k(28675)=0.99942940443801
kQ(28675)=0.99885913445531
r1= : 2.1255361031651E-12
rpunto1 : = 10125984.809417
rduepunti0 : = -3.9838444534024E+25
fil : = 487.78998924435
fipunto1 : = 2.7626821903779E+18
fi_gradi : = 27948.307672433
t1 : = 1.080880552742E-14
tpunto1 : = 1.0018041253736
tduepunti0 : = -1.270101707539E+16
v=v_elettrone : = 11711988.359811
x0= : -1.4134828312247E-12
y0= : -1.5858501445523E-12
*****
i=28676
k(28676)=0.99942993055203
kQ(28676)=0.99886018608324
r1= : 2.1267236654322E-12
rpunto1 : = 10121316.76435
rduepunti0 : = -3.9803010539505E+25
fil : = 487.79031324811
fipunto1 : = 2.7595951036702E+18
fi_gradi : = 27948.326236481
t1 : = 1.0808805644911E-14
tpunto1 : = 1.0018026381695
tduepunti0 : = -1.2680939962043E+16
v=v_elettrone : = 11706294.907298
x0= : -1.4137586082678E-12
y0= : -1.5871957419949E-12
```

```
*****
i=28677
k(28677)=0.99943045595595
kQ(28677)=0.99886123629231
r1= : 2.1279106802371E-12
rpunto1 : = 10116652.867845
rduepunti0 : = -3.9767637009304E+25
fil : = 487.79063688982
fipunto1 : = 2.7565146092018E+18
fi_gradi : = 27948.344779785
t1 : = 1.0808805762401E-14
tpunto1 : = 1.0018011533144
tduepunti0 : = -1.2660911574788E+16
v=v_elettrone : = 11700607.682667
x0= : -1.414033873049E-12
y0= : -1.5885407627692E-12
*****
i=28678
k(28678)=0.9994309806512
kQ(28678)=0.99886228508541
r1= : 2.1290971480664E-12
rpunto1 : = 10111993.112826
rduepunti0 : = -3.9732323803379E+25
fil : = 487.79096017025
fipunto1 : = 2.7534406870348E+18
fi_gradi : = 27948.363302389
t1 : = 1.0808805879891E-14
tpunto1 : = 1.0017996708024
tduepunti0 : = -1.2640931753154E+16
v=v_elettrone : = 11694926.673319
x0= : -1.4143086263263E-12
y0= : -1.589885207355E-12
*****
i=28679
k(28679)=0.99943150463922
kQ(28679)=0.99886333246541
r1= : 2.1302830694056E-12
rpunto1 : = 10107337.492236
rduepunti0 : = -3.9697070782077E+25
fil : = 487.79128309018
fipunto1 : = 2.7503733173095E+18
fi_gradi : = 27948.381804338
t1 : = 1.080880599738E-14
tpunto1 : = 1.001798190628
tduepunti0 : = -1.262100033733E+16
v=v_elettrone : = 11689251.866604
x0= : -1.4145828688562E-12
y0= : -1.591229076231E-12
*****
i=28680
k(28680)=0.99943202792144
kQ(28680)=0.99886437843517
r1= : 2.1314684447398E-12
rpunto1 : = 10102685.999031
rduepunti0 : = -3.9661877806131E+25
fil : = 487.79160565037
fipunto1 : = 2.7473124802434E+18
fi_gradi : = 27948.400285676
t1 : = 1.080880611487E-14
tpunto1 : = 1.0017967127854
tduepunti0 : = -1.260111716817E+16
v=v_elettrone : = 11683583.24931
x0= : -1.414856601393E-12
y0= : -1.5925723698755E-12
```

```
*****
i=28681
k(28681)=0.99943255049931
kQ(28681)=0.99886542299756
r1= : 2.1326532745529E-12
rpunto1 : = 10098038.626188
rduepunti0 : = -3.9626744736661E+25
fil : = 487.79192785158
fipunto1 : = 2.7442581561313E+18
fi_gradi : = 27948.418746446
t1 : = 1.0808806232359E-14
tpunto1 : = 1.0017952372691
tduepunti0 : = -1.2581282087183E+16
v=v_elettrone : = 11677920.809745
x0= : -1.4151298246896E-12
y0= : -1.5939150887658E-12
*****
i=28682
k(28682)=0.99943307237425
kQ(28682)=0.99886646615543
r1= : 2.1338375593282E-12
rpunto1 : = 10093395.366695
rduepunti0 : = -3.9591671435175E+25
fil : = 487.79224969459
fipunto1 : = 2.7412103253446E+18
fi_gradi : = 27948.437186692
t1 : = 1.0808806349849E-14
tpunto1 : = 1.0017937640734
tduepunti0 : = -1.2561494936536E+16
v=v_elettrone : = 11672264.535115
x0= : -1.415402539497E-12
y0= : -1.5952572333785E-12
*****
i=28683
k(28683)=0.99943359354768
kQ(28683)=0.99886750791163
r1= : 2.135021299548E-12
rpunto1 : = 10088756.21356
rduepunti0 : = -3.9556657763561E+25
fil : = 487.79257118016
fipunto1 : = 2.7381689683312E+18
fi_gradi : = 27948.455606458
t1 : = 1.0808806467338E-14
tpunto1 : = 1.0017922931927
tduepunti0 : = -1.2541755559043E+16
v=v_elettrone : = 11666614.412073
x0= : -1.4156747465642E-12
y0= : -1.5965988041897E-12
*****
i=28684
k(28684)=0.99943411402103
kQ(28684)=0.99886854826899
r1= : 2.1362044956941E-12
rpunto1 : = 10084121.159805
rduepunti0 : = -3.9521703584092E+25
fil : = 487.79289230904
fipunto1 : = 2.7351340656149E+18
fi_gradi : = 27948.474005787
t1 : = 1.0808806584827E-14
tpunto1 : = 1.0017908246214
tduepunti0 : = -1.2522063798171E+16
v=v_elettrone : = 11660970.428782
x0= : -1.4159464466388E-12
y0= : -1.5979398016742E-12
```

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*****
i=28685
k(28685)=0.9994346337957
kQ(28685)=0.99886958723035
r1= : 2.1373871482471E-12
rpunto1 : = 10079490.19847
rduepunti0 : = -3.9486808759423E+25
fil : = 487.79321308199
fipunto1 : = 2.7321055977954E+18
fi_gradi : = 27948.492384724
t1 : = 1.0808806702315E-14
tpunto1 : = 1.001789358354
tduepunti0 : = -1.2502419498029E+16
v=v_elettrone : = 11655332.572332
x0= : -1.4162176404665E-12
y0= : -1.5992802263066E-12
*****
i=28686
k(28686)=0.99943515287312
kQ(28686)=0.99887062479852
r1= : 2.1385692576871E-12
rpunto1 : = 10074863.322609
rduepunti0 : = -3.9451973152591E+25
fil : = 487.79353349976
fipunto1 : = 2.7290835455475E+18
fi_gradi : = 27948.51074331
t1 : = 1.0808806819804E-14
tpunto1 : = 1.0017878943849
tduepunti0 : = -1.2482822503369E+16
v=v_elettrone : = 11649700.830785
x0= : -1.4164883287911E-12
y0= : -1.6006200785603E-12
*****
i=28687
k(28687)=0.99943567125469
kQ(28687)=0.99887166097632
r1= : 2.139750824493E-12
rpunto1 : = 10070240.525294
rduepunti0 : = -3.941719662701E+25
fil : = 487.79385356311
fipunto1 : = 2.7260678896209E+18
fi_gradi : = 27948.529081589
t1 : = 1.0808806937292E-14
tpunto1 : = 1.0017864327085
tduepunti0 : = -1.246327265958E+16
v=v_elettrone : = 11644075.191132
x0= : -1.4167585123549E-12
y0= : -1.6019593589083E-12
*****
i=28688
k(28688)=0.99943618894183
kQ(28688)=0.99887269576656
r1= : 2.1409318491434E-12
rpunto1 : = 10065621.799611
rduepunti0 : = -3.9382479046476E+25
fil : = 487.79417327279
fipunto1 : = 2.7230586108401E+18
fi_gradi : = 27948.547399604
t1 : = 1.080880705478E-14
tpunto1 : = 1.0017849733195
tduepunti0 : = -1.2443769812689E+16
v=v_elettrone : = 11638455.641365
x0= : -1.4170281918984E-12
y0= : -1.6032980678226E-12
```

```
*****
i=28689
k(28689)=0.99943670593592
kQ(28689)=0.99887372917204
r1= : 2.1421123321156E-12
rpunto1: = 10061007.138664
rduepunti0 : = -3.934782027516E+25
fil : = 487.79449262955
fipunto1 : = 2.7200556901038E+18
fi_gradi : = 27948.565697399
t1 : = 1.0808807172268E-14
tpunto1 : = 1.0017835162122
tduepunti0 : = -1.2424313809354E+16
v=v_elettrone : = 11632842.169423
x0= : -1.4172973681602E-12
y0= : -1.6046362057746E-12
*****
i=28690
k(28690)=0.99943722223837
kQ(28690)=0.99887476119554
r1= : 2.1432922738864E-12
rpunto1: = 10056396.535571
rduepunti0 : = -3.931322017761E+25
fil : = 487.79481163413
fipunto1 : = 2.7170591083843E+18
fi_gradi : = 27948.583975014
t1 : = 1.0808807289756E-14
tpunto1 : = 1.0017820613812
tduepunti0 : = -1.2404904496863E+16
v=v_elettrone : = 11627234.762154
x0= : -1.4175660418772E-12
y0= : -1.6059737732349E-12
*****
i=28691
k(28691)=0.99943773785057
kQ(28691)=0.99887579183986
r1= : 2.1444716749317E-12
rpunto1: = 10051789.983467
rduepunti0 : = -3.9278678618749E+25
fil : = 487.79513028727
fipunto1 : = 2.7140688467278E+18
fi_gradi : = 27948.602232495
t1 : = 1.0808807407244E-14
tpunto1 : = 1.001780608821
tduepunti0 : = -1.2385541723128E+16
v=v_elettrone : = 11621633.407945
x0= : -1.4178342137848E-12
y0= : -1.6073107706733E-12
*****
i=28692
k(28692)=0.99943825277391
kQ(28692)=0.99887682110777
r1= : 2.1456505357266E-12
rpunto1: = 10047187.475502
rduepunti0 : = -3.9244195463877E+25
fil : = 487.79544858972
fipunto1 : = 2.7110848862536E+18
fi_gradi : = 27948.620469882
t1 : = 1.0808807524732E-14
tpunto1 : = 1.0017791585263
tduepunti0 : = -1.2366225336686E+16
v=v_elettrone : = 11616038.09408
x0= : -1.4181018846166E-12
y0= : -1.6086471985589E-12
```

```
*****
i=28693
k(28693)=0.99943876700979
kQ(28693)=0.99887784900204
r1= : 2.1468288567454E-12
rpunto1 : = 10042589.004843
rduepunti0 : = -3.9209770578663E+25
fil : = 487.79576654221
fipunto1 : = 2.7081072081536E+18
fi_gradi : = 27948.638687217
t1 : = 1.0808807642219E-14
tpunto1 : = 1.0017777104915
tduepunti0 : = -1.2346955186694E+16
v=v_elettrone : = 11610448.808844
x0= : -1.4183690551043E-12
y0= : -1.6099830573601E-12
*****
i=28694
k(28694)=0.99943928055957
kQ(28694)=0.99887887552544
r1= : 2.1480066384616E-12
rpunto1 : = 10037994.564671
rduepunti0 : = -3.9175403829151E+25
fil : = 487.79608414548
fipunto1 : = 2.7051357936926E+18
fi_gradi : = 27948.656884545
t1 : = 1.0808807759706E-14
tpunto1 : = 1.0017762647113
tduepunti0 : = -1.2327731122926E+16
v=v_elettrone : = 11604865.539444
x0= : -1.4186357259781E-12
y0= : -1.6113183475445E-12
*****
i=28695
k(28695)=0.99943979342465
kQ(28695)=0.99887990068071
r1= : 2.1491838813478E-12
rpunto1 : = 10033404.148184
rduepunti0 : = -3.9141095081755E+25
fil : = 487.79640140028
fipunto1 : = 2.7021706242072E+18
fi_gradi : = 27948.675061905
t1 : = 1.0808807877193E-14
tpunto1 : = 1.0017748211803
tduepunti0 : = -1.2308552995768E+16
v=v_elettrone : = 11599288.274601
x0= : -1.4189018979665E-12
y0= : -1.6126530695789E-12
*****
i=28696
k(28696)=0.9994403056064
kQ(28696)=0.99888092447061
r1= : 2.150360585876E-12
rpunto1 : = 10028817.748596
rduepunti0 : = -3.9106844203259E+25
fil : = 487.79671830732
fipunto1 : = 2.6992116811061E+18
fi_gradi : = 27948.693219341
t1 : = 1.080880799468E-14
tpunto1 : = 1.0017733798931
tduepunti0 : = -1.2289420656219E+16
v=v_elettrone : = 11593717.001431
x0= : -1.419167571796E-12
y0= : -1.6139872239295E-12
```

```
*****
i=28697
k(28697)=0.99944081710618
kQ(28697)=0.99888194689788
r1= : 2.1515367525172E-12
rpunto1 : = 10024235.359134
rduepunti0 : = -3.9072651060816E+25
fil : = 487.79703486733
fipunto1 : = 2.6962589458693E+18
fi_gradi : = 27948.711356894
t1 : = 1.0808808112167E-14
tpunto1 : = 1.0017719408444
tduepunti0 : = -1.2270333955884E+16
v=v_elettrone : = 11588151.708054
x0= : -1.4194327481919E-12
y0= : -1.6153208110618E-12
*****
i=28698
k(28698)=0.99944132792538
kQ(28698)=0.99888296796524
r1= : 2.1527123817418E-12
rpunto1 : = 10019656.973044
rduepunti0 : = -3.9038515521945E+25
fil : = 487.79735108106
fipunto1 : = 2.693312400048E+18
fi_gradi : = 27948.729474606
t1 : = 1.0808808229653E-14
tpunto1 : = 1.0017705040288
tduepunti0 : = -1.2251292746976E+16
v=v_elettrone : = 11582592.383064
x0= : -1.4196974278775E-12
y0= : -1.6166538314402E-12
*****
i=28699
k(28699)=0.99944183806534
kQ(28699)=0.99888398767543
r1= : 2.1538874740192E-12
rpunto1 : = 10015082.583585
rduepunti0 : = -3.9004437454535E+25
fil : = 487.79766694922
fipunto1 : = 2.6903720252642E+18
fi_gradi : = 27948.747572518
t1 : = 1.0808808347139E-14
tpunto1 : = 1.001769069441
tduepunti0 : = -1.2232296882307E+16
v=v_elettrone : = 11577039.013455
x0= : -1.4199616115743E-12
y0= : -1.6179862855289E-12
*****
i=28700
k(28700)=0.99944234752744
kQ(28700)=0.99888500603117
r1= : 2.1550620298182E-12
rpunto1 : = 10010512.184033
rduepunti0 : = -3.8970416726838E+25
fil : = 487.79798247254
fipunto1 : = 2.6874378032104E+18
fi_gradi : = 27948.765650673
t1 : = 1.0808808464626E-14
tpunto1 : = 1.0017676370757
tduepunti0 : = -1.2213346215288E+16
v=v_elettrone : = 11571491.587732
x0= : -1.4202253000025E-12
y0= : -1.619318173791E-12
```

```
*****
i=28701
k(28701)=0.99944285631303
kQ(28701)=0.99888602303516
r1= : 2.1562360496067E-12
rpunto1: = 10005945.767678
rduepunti0 : = -3.8936453207471E+25
fil : = 487.79829765173
fipunto1 : = 2.6845097156494E+18
fi_gradi : = 27948.78370911
t1 : = 1.0808808582112E-14
tpunto1 : = 1.0017662069276
tduepunti0 : = -1.2194440599928E+16
v=v_elettrone : = 11565950.09437
x0= : -1.4204884938803E-12
y0= : -1.6206494966888E-12
*****
i=28702
k(28702)=0.99944336442347
kQ(28702)=0.99888703869011
r1= : 2.1574095338519E-12
rpunto1: = 10001383.327826
rduepunti0 : = -3.8902546765414E+25
fil : = 487.79861248752
fipunto1 : = 2.6815877444135E+18
fi_gradi : = 27948.801747873
t1 : = 1.0808808699597E-14
tpunto1 : = 1.0017647789915
tduepunti0 : = -1.2175579890828E+16
v=v_elettrone : = 11560414.520758
x0= : -1.4207511939245E-12
y0= : -1.6219802546843E-12
*****
i=28703
k(28703)=0.9994438718601
kQ(28703)=0.99888805299871
r1= : 2.1585824830201E-12
rpunto1: = 9996824.8577986
rduepunti0 : = -3.8868697270011E+25
fil : = 487.79892698063
fipunto1 : = 2.6786718714048E+18
fi_gradi : = 27948.819767
t1 : = 1.0808808817083E-14
tpunto1 : = 1.0017633532622
tduepunti0 : = -1.2156763943178E+16
v=v_elettrone : = 11554884.85528
x0= : -1.4210134008501E-12
y0= : -1.6233104482383E-12
*****
i=28704
k(28704)=0.99944437862427
kQ(28704)=0.99888906596366
r1= : 2.1597548975769E-12
rpunto1: = 9992270.3509325
rduepunti0 : = -3.8834904590966E+25
fil : = 487.79924113176
fipunto1 : = 2.6757620785944E+18
fi_gradi : = 27948.837766534
t1 : = 1.0808808934569E-14
tpunto1 : = 1.0017619297342
tduepunti0 : = -1.2137992612759E+16
v=v_elettrone : = 11549361.086286
x0= : -1.4212751153704E-12
y0= : -1.6246400778112E-12
```



```
*****
i=28705
k(28705)=0.99944488471733
kQ(28705)=0.99889007758764
r1= : 2.1609267779871E-12
rpunto1 : = 9987719.8005796
rduepunti0 : = -3.8801168598342E+25
fil : = 487.79955494164
fipunto1 : = 2.6728583480222E+18
fi_gradi : = 27948.855746516
t1 : = 1.0808809052054E-14
tpunto1 : = 1.0017605084026
tduepunti0 : = -1.2119265755933E+16
v=v_elettrone : = 11543843.202087
x0= : -1.4215363381971E-12
y0= : -1.6259691438624E-12
*****
i=28706
k(28706)=0.99944539014061
kQ(28706)=0.99889108787332
r1= : 2.1620981247146E-12
rpunto1 : = 9983173.2001068
rduepunti0 : = -3.8767489162565E+25
fil : = 487.79986841098
fipunto1 : = 2.6699606617969E+18
fi_gradi : = 27948.873706986
t1 : = 1.0808809169539E-14
tpunto1 : = 1.001759089262
tduepunti0 : = -1.2100583229644E+16
v=v_elettrone : = 11538331.190422
x0= : -1.4217970700403E-12
y0= : -1.6272976468509E-12
*****
i=28707
k(28707)=0.99944589489546
kQ(28707)=0.99889209682338
r1= : 2.1632689382229E-12
rpunto1 : = 9978630.5428966
rduepunti0 : = -3.8733866154414E+25
fil : = 487.80018154048
fipunto1 : = 2.6670690020952E+18
fi_gradi : = 27948.891647985
t1 : = 1.0808809287024E-14
tpunto1 : = 1.0017576723073
tduepunti0 : = -1.2081944891417E+16
v=v_elettrone : = 11532825.040046
x0= : -1.4220573116084E-12
y0= : -1.6286255872347E-12
*****
i=28708
k(28708)=0.99944639898319
kQ(28708)=0.99889310444047
r1= : 2.1644392189742E-12
rpunto1 : = 9974091.8223461
rduepunti0 : = -3.870029944503E+25
fil : = 487.80049433084
fipunto1 : = 2.6641833511616E+18
fi_gradi : = 27948.909569553
t1 : = 1.0808809404509E-14
tpunto1 : = 1.0017562575333
tduepunti0 : = -1.2063350599351E+16
v=v_elettrone : = 11527324.739137
x0= : -1.4223170636083E-12
y0= : -1.6299529654712E-12
```

```
*****
i=28709
k(28709)=0.99944690240515
kQ(28709)=0.99889411072725
r1= : 2.1656089674303E-12
rpunto1 : = 9969557.0318679
rduepunti0 : = -3.8666788905906E+25
fil : = 487.80080678279
fipunto1 : = 2.6613036913084E+18
fi_gradi : = 27948.92747173
t1 : = 1.0808809521994E-14
tpunto1 : = 1.0017548449349
tduepunti0 : = -1.2044800212119E+16
v=v_elettrone : = 11521830.275327
x0= : -1.4225763267451E-12
y0= : -1.6312797820172E-12
*****
i=28710
k(28710)=0.99944740516265
kQ(28710)=0.99889511568636
r1= : 2.1667781840521E-12
rpunto1 : = 9965026.1648894
rduepunti0 : = -3.8633334408892E+25
fil : = 487.80111889701
fipunto1 : = 2.6584300049151E+18
fi_gradi : = 27948.945354558
t1 : = 1.0808809639478E-14
tpunto1 : = 1.0017534345069
tduepunti0 : = -1.2026293588964E+16
v=v_elettrone : = 11516341.638286
x0= : -1.4228351017224E-12
y0= : -1.6326060373284E-12
*****
i=28711
k(28711)=0.99944790725703
kQ(28711)=0.99889611932045
r1= : 2.1679468692997E-12
rpunto1 : = 9960499.214853
rduepunti0 : = -3.8599935826192E+25
fil : = 487.8014306742
fipunto1 : = 2.655562274428E+18
fi_gradi : = 27948.963218075
t1 : = 1.0808809756962E-14
tpunto1 : = 1.0017520262442
tduepunti0 : = -1.2007830589698E+16
v=v_elettrone : = 11510858.81556
x0= : -1.4230933892421E-12
y0= : -1.6339317318601E-12
*****
i=28712
k(28712)=0.99944840868959
kQ(28712)=0.99889712163215
r1= : 2.1691150236325E-12
rpunto1 : = 9955976.1752161
rduepunti0 : = -3.8566593030362E+25
fil : = 487.80174211508
fipunto1 : = 2.6527004823601E+18
fi_gradi : = 27948.981062323
t1 : = 1.0808809874447E-14
tpunto1 : = 1.0017506201417
tduepunti0 : = -1.1989411074695E+16
v=v_elettrone : = 11505381.7957
x0= : -1.4233511900045E-12
y0= : -1.6352568660669E-12
```

```
*****
i=28713
k(28713)=0.99944890946165
kQ(28713)=0.99889812262408
r1= : 2.1702826475092E-12
rpunto1 : = 9951457.0394511
rduepunti0 : = -3.853330589431E+25
fil : = 487.80205322032
fipunto1 : = 2.649844611291E+18
fi_gradi : = 27948.998887341
t1 : = 1.0808809991931E-14
tpunto1 : = 1.0017492161944
tduepunti0 : = -1.1971034904895E+16
v=v_elettrone : = 11499910.56774
x0= : -1.4236085047084E-12
y0= : -1.6365814404026E-12
*****
i=28714
k(28714)=0.99944940957452
kQ(28714)=0.99889912229887
r1= : 2.1714497413875E-12
rpunto1 : = 9946941.801045
rduepunti0 : = -3.8500074291294E+25
fil : = 487.80236399064
fipunto1 : = 2.6469946438658E+18
fi_gradi : = 27949.016693168
t1 : = 1.0808810109414E-14
tpunto1 : = 1.0017478143971
tduepunti0 : = -1.1952701941794E+16
v=v_elettrone : = 11494445.119108
x0= : -1.4238653340508E-12
y0= : -1.6379054553203E-12
*****
i=28715
k(28715)=0.99944990902952
kQ(28715)=0.99890012065912
r1= : 2.1726163057246E-12
rpunto1 : = 9942430.4534999
rduepunti0 : = -3.8466898094924E+25
fil : = 487.80267442671
fipunto1 : = 2.6441505627958E+18
fi_gradi : = 27949.034479845
t1 : = 1.0808810226898E-14
tpunto1 : = 1.0017464147449
tduepunti0 : = -1.1934412047447E+16
v=v_elettrone : = 11488985.439279
x0= : -1.4241216787273E-12
y0= : -1.6392289112723E-12
*****
i=28716
k(28716)=0.99945040782795
kQ(28716)=0.99890111770745
r1= : 2.1737823409767E-12
rpunto1 : = 9937922.9903326
rduepunti0 : = -3.8433777179156E+25
fil : = 487.80298452923
fipunto1 : = 2.6413123508575E+18
fi_gradi : = 27949.05224741
t1 : = 1.0808810344382E-14
tpunto1 : = 1.0017450172326
tduepunti0 : = -1.1916165084462E+16
v=v_elettrone : = 11483531.516132
x0= : -1.4243775394318E-12
y0= : -1.6405518087103E-12
```

```
*****
i=28717
k(28717)=0.9994509059711
kQ(28717)=0.99890211344644
r1= : 2.1749478475995E-12
rpunto1 : = 9933419.4050744
rduepunti0 : = -3.8400711418295E+25
fil : = 487.80329429889
fipunto1 : = 2.6384799908925E+18
fi_gradi : = 27949.069995905
t1 : = 1.0808810461865E-14
tpunto1 : = 1.0017436218553
tduepunti0 : = -1.1897960915998E+16
v=v_elettrone : = 11478083.339071
x0= : -1.4246329168567E-12
y0= : -1.6418741480852E-12
*****
i=28718
k(28718)=0.99945140346027
kQ(28718)=0.99890310787871
r1= : 2.1761128260476E-12
rpunto1 : = 9928919.6912717
rduepunti0 : = -3.8367700686992E+25
fil : = 487.80360373638
fipunto1 : = 2.6356534658071E+18
fi_gradi : = 27949.087725367
t1 : = 1.0808810579348E-14
tpunto1 : = 1.0017422286079
tduepunti0 : = -1.1879799405764E+16
v=v_elettrone : = 11472640.895885
x0= : -1.4248878116927E-12
y0= : -1.6431959298474E-12
*****
i=28719
k(28719)=0.99945190029677
kQ(28719)=0.99890410100681
r1= : 2.1772772767752E-12
rpunto1 : = 9924423.8424853
rduepunti0 : = -3.8334744860245E+25
fil : = 487.80391284237
fipunto1 : = 2.6328327585725E+18
fi_gradi : = 27949.105435836
t1 : = 1.0808810696831E-14
tpunto1 : = 1.0017408374856
tduepunti0 : = -1.1861680418014E+16
v=v_elettrone : = 11467204.175382
x0= : -1.425142224629E-12
y0= : -1.6445171544464E-12
*****
i=28720
k(28720)=0.99945239648187
kQ(28720)=0.99890509283335
r1= : 2.1784412002355E-12
rpunto1 : = 9919931.8522907
rduepunti0 : = -3.8301843813394E+25
fil : = 487.80422161756
fipunto1 : = 2.6300178522237E+18
fi_gradi : = 27949.123127351
t1 : = 1.0808810814314E-14
tpunto1 : = 1.0017394484832
tduepunti0 : = -1.1843603817546E+16
v=v_elettrone : = 11461773.166857
x0= : -1.4253961563533E-12
y0= : -1.6458378223309E-12
```

```
*****
i=28721
k(28721)=0.99945289201687
kQ(28721)=0.99890608336088
r1= : 2.1796045968811E-12
rpunto1 : = 9915443.7142779
rduepunti0 : = -3.8268997422125E+25
fil : = 487.80453006262
fipunto1 : = 2.6272087298597E+18
fi_gradi : = 27949.14079995
t1 : = 1.0808810931797E-14
tpunto1 : = 1.0017380615958
tduepunti0 : = -1.1825569469699E+16
v=v_elettrone : = 11456347.859035
x0= : -1.4256496075516E-12
y0= : -1.6471579339491E-12
*****
i=28722
k(28722)=0.99945338690305
kQ(28722)=0.99890707259198
r1= : 2.1807674671637E-12
rpunto1 : = 9910959.4220516
rduepunti0 : = -3.8236205562466E+25
fil : = 487.80483817822
fipunto1 : = 2.6244053746433E+18
fi_gradi : = 27949.158453674
t1 : = 1.0808811049279E-14
tpunto1 : = 1.0017366768186
tduepunti0 : = -1.1807577240348E+16
v=v_elettrone : = 11450928.24009
x0= : -1.4259025789083E-12
y0= : -1.6484774897486E-12
*****
i=28723
k(28723)=0.9994538811417
kQ(28723)=0.9989080605292
r1= : 2.1819298115344E-12
rpunto1 : = 9906478.9692308
rduepunti0 : = -3.8203468110785E+25
fil : = 487.80514596506
fipunto1 : = 2.6216077698005E+18
fi_gradi : = 27949.176088561
t1 : = 1.0808811166762E-14
tpunto1 : = 1.0017352941466
tduepunti0 : = -1.1789626995908E+16
v=v_elettrone : = 11445514.298666
x0= : -1.4261550711063E-12
y0= : -1.6497964901761E-12
*****
i=28724
k(28724)=0.99945437473408
kQ(28724)=0.99890904717509
r1= : 2.1830916304434E-12
rpunto1 : = 9902002.3494491
rduepunti0 : = -3.8170784943791E+25
fil : = 487.80545342379
fipunto1 : = 2.6188158986203E+18
fi_gradi : = 27949.193704649
t1 : = 1.0808811284244E-14
tpunto1 : = 1.0017339135748
tduepunti0 : = -1.1771718603322E+16
v=v_elettrone : = 11440106.024438
x0= : -1.4264070848271E-12
y0= : -1.6511149356776E-12
```

```
*****
i=28725
k(28725)=0.99945486768147
kQ(28725)=0.99891003253219
r1= : 2.1842529243403E-12
rpunto1: = 9897529.5563546
rduepunti0 : = -3.8138155938534E+25
fil : = 487.8057605551
fipunto1 : = 2.6160297444545E+18
fi_gradi : = 27949.211301976
t1 : = 1.0808811401726E-14
tpunto1 : = 1.0017325350984
tduepunti0 : = -1.1753851930068E+16
v=v_elettrone : = 11434703.40546
x0= : -1.4266586207505E-12
y0= : -1.6524328266984E-12
*****
i=28726
k(28726)=0.99945535998515
kQ(28726)=0.99891101660305
r1= : 2.1854136936739E-12
rpunto1: = 9893060.5836095
rduepunti0 : = -3.81055809724E+25
fil : = 487.80606735965
fipunto1 : = 2.6132492907174E+18
fi_gradi : = 27949.228880582
t1 : = 1.0808811519208E-14
tpunto1 : = 1.0017311587125
tduepunti0 : = -1.1736026844148E+16
v=v_elettrone : = 11429306.430798
x0= : -1.4269096795548E-12
y0= : -1.6537501636832E-12
*****
i=28727
k(28727)=0.99945585164638
kQ(28727)=0.9989119993902
r1= : 2.1865739388922E-12
rpunto1: = 9888595.4248906
rduepunti0 : = -3.8073059923116E+25
fil : = 487.80637383811
fipunto1 : = 2.6104745208855E+18
fi_gradi : = 27949.246440505
t1 : = 1.0808811636689E-14
tpunto1 : = 1.0017297844122
tduepunti0 : = -1.1718243214093E+16
v=v_elettrone : = 11423915.090022
x0= : -1.4271602619167E-12
y0= : -1.6550669470759E-12
*****
i=28728
k(28728)=0.99945634266643
kQ(28728)=0.99891298089616
r1= : 2.1877336604425E-12
rpunto1: = 9884134.0738888
rduepunti0 : = -3.804059266874E+25
fil : = 487.80667999115
fipunto1 : = 2.607705418497E+18
fi_gradi : = 27949.263981782
t1 : = 1.0808811754171E-14
tpunto1 : = 1.0017284121928
tduepunti0 : = -1.1700500908955E+16
v=v_elettrone : = 11418529.37159
x0= : -1.4274103685115E-12
y0= : -1.65638317732E-12
```

```
*****
i=28729
k(28729)=0.99945683304655
kQ(28729)=0.99891396112344
r1= : 2.1888928587714E-12
rpunto1: = 9879676.5243095
rduepunti0 : = -3.8008179087671E+25
fil : = 487.80698581943
fipunto1 : = 2.6049419671518E+18
fi_gradi : = 27949.281504452
t1 : = 1.0808811871652E-14
tpunto1 : = 1.0017270420493
tduepunti0 : = -1.1682799798306E+16
v=v_elettrone : = 11413149.26394
x0= : -1.4276600000127E-12
y0= : -1.6576988548579E-12
*****
i=28730
k(28730)=0.999457322788
kQ(28730)=0.99891494007456
r1= : 2.1900515343247E-12
rpunto1: = 9875222.7698721
rduepunti0 : = -3.7975819058639E+25
fil : = 487.80729132363
fipunto1 : = 2.6021841505113E+18
fi_gradi : = 27949.299008552
t1 : = 1.0808811989134E-14
tpunto1 : = 1.0017256739769
tduepunti0 : = -1.1665139752237E+16
v=v_elettrone : = 11407774.757049
x0= : -1.4279091570926E-12
y0= : -1.6590139801314E-12
*****
i=28731
k(28731)=0.99945781189204
kQ(28731)=0.99891591775203
r1= : 2.1912096875476E-12
rpunto1: = 9870772.8043103
rduepunti0 : = -3.7943512460708E+25
fil : = 487.80759650438
fipunto1 : = 2.5994319522977E+18
fi_gradi : = 27949.316494122
t1 : = 1.0808812106615E-14
tpunto1 : = 1.0017243079709
tduepunti0 : = -1.1647520641354E+16
v=v_elettrone : = 11402405.839279
x0= : -1.4281578404219E-12
y0= : -1.660328553582E-12
*****
i=28732
k(28732)=0.99945830035992
kQ(28732)=0.99891689415834
r1= : 2.1923673188842E-12
rpunto1: = 9866326.6213719
rduepunti0 : = -3.7911259173276E+25
fil : = 487.80790136236
fipunto1 : = 2.596685356294E+18
fi_gradi : = 27949.333961197
t1 : = 1.0808812224096E-14
tpunto1 : = 1.0017229440265
tduepunti0 : = -1.1629942336777E+16
v=v_elettrone : = 11397042.500011
x0= : -1.4284060506696E-12
y0= : -1.66164257565E-12
```

```
*****
i=28733
k(28733)=0.99945878819288
kQ(28733)=0.99891786929599
r1= : 2.1935244287784E-12
rpunto1: = 9861884.2148188
rduepunti0 : = -3.7879059076069E+25
fil : = 487.80820589823
fipunto1 : = 2.5939443463438E+18
fi_gradi : = 27949.351409817
t1 : = 1.0808812341576E-14
tpunto1 : = 1.0017215821389
tduepunti0 : = -1.1612404710133E+16
v=v_elettrone : = 11391684.728058
x0= : -1.4286537885035E-12
y0= : -1.6629560467752E-12
*****
i=28734
k(28734)=0.99945927539218
kQ(28734)=0.99891884316745
r1= : 2.1946810176729E-12
rpunto1: = 9857445.5784271
rduepunti0 : = -3.7846912049148E+25
fil : = 487.80851011263
fipunto1 : = 2.5912089063509E+18
fi_gradi : = 27949.368840019
t1 : = 1.0808812459057E-14
tpunto1 : = 1.0017202223032
tduepunti0 : = -1.1594907633562E+16
v=v_elettrone : = 11386332.513263
x0= : -1.4289010545895E-12
y0= : -1.6642689673969E-12
*****
i=28735
k(28735)=0.99945976195904
kQ(28735)=0.99891981577522
r1= : 2.1958370860099E-12
rpunto1: = 9853010.7059866
rduepunti0 : = -3.7814817972901E+25
fil : = 487.80881400623
fipunto1 : = 2.588479020279E+18
fi_gradi : = 27949.386251839
t1 : = 1.0808812576537E-14
tpunto1 : = 1.0017188645149
tduepunti0 : = -1.1577450979707E+16
v=v_elettrone : = 11380985.843837
x0= : -1.4291478495924E-12
y0= : -1.6655813379535E-12
*****
i=28736
k(28736)=0.99946024789471
kQ(28736)=0.99892078712175
r1= : 2.1969926342309E-12
rpunto1: = 9848579.5913015
rduepunti0 : = -3.7782776728042E+25
fil : = 487.80911757967
fipunto1 : = 2.5857546721514E+18
fi_gradi : = 27949.403645316
t1 : = 1.0808812694018E-14
tpunto1 : = 1.0017175087692
tduepunti0 : = -1.1560034621714E+16
v=v_elettrone : = 11375644.710076
x0= : -1.4293941741752E-12
y0= : -1.6668931588829E-12
```



```
*****
i=28737
k(28737)=0.99946073320042
kQ(28737)=0.99892175720952
r1= : 2.1981476627765E-12
rpunto1: = 9844152.2281897
rduepunti0 : = -3.7750788195618E+25
fil : = 487.8094208336
fipunto1 : = 2.5830358460508E+18
fi_gradi : = 27949.421020486
t1 : = 1.0808812811498E-14
tpunto1 : = 1.0017161550613
tduepunti0 : = -1.154265843323E+16
v=v_elettrone : = 11370309.100129
x0= : -1.4296400289995E-12
y0= : -1.6682044306221E-12
*****
i=28738
k(28738)=0.99946121787741
kQ(28738)=0.99892272604099
r1= : 2.1993021720868E-12
rpunto1: = 9839728.610483
rduepunti0 : = -3.7718852256998E+25
fil : = 487.80972376866
fipunto1 : = 2.5803225261191E+18
fi_gradi : = 27949.438377387
t1 : = 1.0808812928978E-14
tpunto1 : = 1.0017148033865
tduepunti0 : = -1.1525322288403E+16
v=v_elettrone : = 11364979.003692
x0= : -1.4298854147255E-12
y0= : -1.6695151536075E-12
*****
i=28739
k(28739)=0.9994617019269
kQ(28739)=0.99892369361861
r1= : 2.200456162601E-12
rpunto1: = 9835308.7320272
rduepunti0 : = -3.7686968793878E+25
fil : = 487.81002638552
fipunto1 : = 2.5776146965572E+18
fi_gradi : = 27949.455716056
t1 : = 1.0808813046458E-14
tpunto1 : = 1.0017134537403
tduepunti0 : = -1.1508026061874E+16
v=v_elettrone : = 11359654.4099
x0= : -1.4301303320119E-12
y0= : -1.670825328275E-12
*****
i=28740
k(28740)=0.99946218535011
kQ(28740)=0.99892465994482
r1= : 2.2016096347576E-12
rpunto1: = 9830892.5866819
rduepunti0 : = -3.7655137688279E+25
fil : = 487.8103286848
fipunto1 : = 2.5749123416241E+18
fi_gradi : = 27949.473036529
t1 : = 1.0808813163937E-14
tpunto1 : = 1.0017121061178
tduepunti0 : = -1.1490769628779E+16
v=v_elettrone : = 11354335.308374
x0= : -1.4303747815159E-12
y0= : -1.6721349550595E-12
```

```
*****
i=28741
k(28741)=0.99946266814827
kQ(28741)=0.99892562502207
r1= : 2.2027625889944E-12
rpunto1: = 9826480.1683205
rduepunti0 : = -3.7623358822545E+25
fil : = 487.81063066716
fipunto1 : = 2.5722154456377E+18
fi_gradi : = 27949.490338843
t1 : = 1.0808813281417E-14
tpunto1 : = 1.0017107605145
tduepunti0 : = -1.1473552864745E+16
v=v_elettrone : = 11349021.688196
x0= : -1.4306187638932E-12
y0= : -1.6734440343956E-12
*****
i=28742
k(28742)=0.99946315032261
kQ(28742)=0.99892658885279
r1= : 2.2039150257486E-12
rpunto1: = 9822071.47083
rduepunti0 : = -3.7591632079342E+25
fil : = 487.81093233322
fipunto1 : = 2.5695239929737E+18
fi_gradi : = 27949.507623035
t1 : = 1.0808813398896E-14
tpunto1 : = 1.0017094169258
tduepunti0 : = -1.145637564589E+16
v=v_elettrone : = 11343713.538907
x0= : -1.4308622797979E-12
y0= : -1.6747525667169E-12
*****
i=28743
k(28743)=0.99946363187432
kQ(28743)=0.9989275514394
r1= : 2.2050669454565E-12
rpunto1: = 9817666.4881114
rduepunti0 : = -3.755995734166E+25
fil : = 487.81123368364
fipunto1 : = 2.5668379680654E+18
fi_gradi : = 27949.524889143
t1 : = 1.0808813516375E-14
tpunto1 : = 1.0017080753469
tduepunti0 : = -1.1439237848817E+16
v=v_elettrone : = 11338410.850049
x0= : -1.431105329883E-12
y0= : -1.6760605524565E-12
*****
i=28744
k(28744)=0.99946411280463
kQ(28744)=0.99892851278434
r1= : 2.2062183485538E-12
rpunto1: = 9813265.2140791
rduepunti0 : = -3.7528334492808E+25
fil : = 487.81153471904
fipunto1 : = 2.5641573554039E+18
fi_gradi : = 27949.542137201
t1 : = 1.0808813633854E-14
tpunto1 : = 1.0017067357733
tduepunti0 : = -1.1422139350612E+16
v=v_elettrone : = 11333113.610572
x0= : -1.4313479147997E-12
y0= : -1.6773679920469E-12
```

```
*****
i=28745
k(28745)=0.99946459311474
kQ(28745)=0.99892947289001
r1= : 2.2073692354754E-12
rpunto1: = 9808867.6426615
rduepunti0 : = -3.7496763416413E+25
fil : = 487.81183544007
fipunto1 : = 2.5614821395376E+18
fi_gradi : = 27949.559367246
t1 : = 1.0808813751333E-14
tpunto1 : = 1.0017053982004
tduepunti0 : = -1.1405080028848E+16
v=v_elettrone : = 11327821.80994
x0= : -1.4315900351978E-12
y0= : -1.6786748859198E-12
*****
i=28746
k(28746)=0.99946507280586
kQ(28746)=0.99893043175882
r1= : 2.2085196066556E-12
rpunto1: = 9804473.7678002
rduepunti0 : = -3.7465243996424E+25
fil : = 487.81213584734
fipunto1 : = 2.5588123050717E+18
fi_gradi : = 27949.576579315
t1 : = 1.0808813868812E-14
tpunto1 : = 1.0017040626237
tduepunti0 : = -1.1388059761574E+16
v=v_elettrone : = 11322535.438114
x0= : -1.4318316917259E-12
y0= : -1.6799812345061E-12
*****
i=28747
k(28747)=0.99946555187919
kQ(28747)=0.99893138939318
r1= : 2.2096694625279E-12
rpunto1: = 9800083.5834508
rduepunti0 : = -3.7433776117106E+25
fil : = 487.81243594151
fipunto1 : = 2.5561478366683E+18
fi_gradi : = 27949.593773444
t1 : = 1.080881398629E-14
tpunto1 : = 1.0017027290384
tduepunti0 : = -1.1371078427317E+16
v=v_elettrone : = 11317254.484474
x0= : -1.4320728850309E-12
y0= : -1.6812870382363E-12
*****
i=28748
k(28748)=0.99946603033594
kQ(28748)=0.99893234579548
r1= : 2.2108188035251E-12
rpunto1: = 9795697.083582
rduepunti0 : = -3.7402359663041E+25
fil : = 487.81273572319
fipunto1 : = 2.553488719046E+18
fi_gradi : = 27949.610949669
t1 : = 1.0808814103769E-14
tpunto1 : = 1.0017013974402
tduepunti0 : = -1.1354135905081E+16
v=v_elettrone : = 11311978.938389
x0= : -1.4323136157583E-12
y0= : -1.6825922975402E-12
```

```
*****
i=28749
k(28749)=0.99946650817729
kQ(28749)=0.99893330096811
r1= : 2.2119676300794E-12
rpunto1: = 9791314.2621762
rduepunti0 : = -3.7370994519127E+25
fil : = 487.81303519301
fipunto1 : = 2.5508349369797E+18
fi_gradi : = 27949.628108026
t1 : = 1.0808814221247E-14
tpunto1 : = 1.0017000678245
tduepunti0 : = -1.1337232074342E+16
v=v_elettrone : = 11306708.789712
x0= : -1.4325538845523E-12
y0= : -1.6838970128468E-12
*****
i=28750
k(28750)=0.99946698540445
kQ(28750)=0.99893425491346
r1= : 2.213115942622E-12
rpunto1: = 9786935.1132295
rduepunti0 : = -3.7339680570578E+25
fil : = 487.8133343516
fipunto1 : = 2.5481864753001E+18
fi_gradi : = 27949.645248551
t1 : = 1.0808814338725E-14
tpunto1 : = 1.0016987401866
tduepunti0 : = -1.1320366815049E+16
v=v_elettrone : = 11301444.027734
x0= : -1.4327936920553E-12
y0= : -1.6852011845846E-12
*****
i=28751
k(28751)=0.9994674620186
kQ(28751)=0.9989352076339
r1= : 2.2142637415838E-12
rpunto1: = 9782559.630751
rduepunti0 : = -3.7308417702919E+25
fil : = 487.81363319958
fipunto1 : = 2.5455433188938E+18
fi_gradi : = 27949.662371279
t1 : = 1.0808814456203E-14
tpunto1 : = 1.0016974145222
tduepunti0 : = -1.1303540007616E+16
v=v_elettrone : = 11296184.642247
x0= : -1.4330330389088E-12
y0= : -1.6865048131813E-12
*****
i=28752
k(28752)=0.99946793802093
kQ(28752)=0.9989361591318
r1= : 2.2154110273948E-12
rpunto1: = 9778187.8087635
rduepunti0 : = -3.7277205801992E+25
fil : = 487.81393173757
fipunto1 : = 2.5429054527028E+18
fi_gradi : = 27949.679476246
t1 : = 1.0808814573681E-14
tpunto1 : = 1.0016960908268
tduepunti0 : = -1.1286751532927E+16
v=v_elettrone : = 11290930.623011
x0= : -1.4332719257525E-12
y0= : -1.6878078990639E-12
```

```
*****
i=28753
k(28753)=0.99946841341262
kQ(28753)=0.99893710940954
r1= : 2.2165578004841E-12
rpunto1: = 9773819.641303
rduepunti0 : = -3.7246044753948E+25
fil : = 487.8142299662
fipunto1 : = 2.5402728617245E+18
fi_gradi : = 27949.696563487
t1 : = 1.0808814691158E-14
tpunto1 : = 1.0016947690957
tduepunti0 : = -1.1270001272328E+16
v=v_elettrone : = 11285681.959747
x0= : -1.4335103532248E-12
y0= : -1.689110442659E-12
*****
i=28754
k(28754)=0.99946888819486
kQ(28754)=0.99893805846947
r1= : 2.2177040612805E-12
rpunto1: = 9769455.1224188
rduepunti0 : = -3.7214934445251E+25
fil : = 487.81452788608
fipunto1 : = 2.5376455310112E+18
fi_gradi : = 27949.713633039
t1 : = 1.0808814808636E-14
tpunto1 : = 1.0016934493247
tduepunti0 : = -1.125328910763E+16
v=v_elettrone : = 11280438.641621
x0= : -1.4337483219626E-12
y0= : -1.6904124443924E-12
*****
i=28755
k(28755)=0.99946936236882
kQ(28755)=0.99893900631394
r1= : 2.2188498102119E-12
rpunto1: = 9765094.2461737
rduepunti0 : = -3.7183874762673E+25
fil : = 487.81482549783
fipunto1 : = 2.5350234456699E+18
fi_gradi : = 27949.730684937
t1 : = 1.0808814926113E-14
tpunto1 : = 1.0016921315092
tduepunti0 : = -1.1236614921102E+16
v=v_elettrone : = 11275200.658824
x0= : -1.4339858326015E-12
y0= : -1.6917139046891E-12
*****
i=28756
k(28756)=0.99946983593568
kQ(28756)=0.9989399529453
r1= : 2.2199950477053E-12
rpunto1: = 9760737.0066434
rduepunti0 : = -3.7152865593299E+25
fil : = 487.81512280207
fipunto1 : = 2.5324065908621E+18
fi_gradi : = 27949.747719215
t1 : = 1.080881504359E-14
tpunto1 : = 1.0016908156447
tduepunti0 : = -1.121997859547E+16
v=v_elettrone : = 11269968.001519
x0= : -1.4342228857758E-12
y0= : -1.6930148239736E-12
```

```

*****
i=28757
k(28757)=0.99947030889661
kQ(28757)=0.99894089836589
r1= : 2.2211397741874E-12
rpunto1: = 9756383.397917
rduepunti0 : = -3.7121906824519E+25
fil : = 487.81541979941
fipunto1 : = 2.5297949518038E+18
fi_gradi : = 27949.764735908
t1 : = 1.0808815161067E-14
tpunto1 : = 1.001689501727
tduepunti0 : = -1.1203380013917E+16
v=v_elettrone : = 11264740.658771
x0= : -1.434459482118E-12
y0= : -1.6943152026698E-12
*****
i=28758
k(28758)=0.99947078125278
kQ(28758)=0.99894184257805
r1= : 2.2222839900839E-12
rpunto1: = 9752033.4140968
rduepunti0 : = -3.7090998344032E+25
fil : = 487.81571649045
fipunto1 : = 2.5271885137646E+18
fi_gradi : = 27949.781735053
t1 : = 1.0808815278544E-14
tpunto1 : = 1.0016881897515
tduepunti0 : = -1.1186819060081E+16
v=v_elettrone : = 11259518.620674
x0= : -1.4346956222596E-12
y0= : -1.6956150412008E-12
*****
i=28759
k(28759)=0.99947125300536
kQ(28759)=0.9989427855841
r1= : 2.2234276958201E-12
rpunto1: = 9747687.0492983
rduepunti0 : = -3.7060140039843E+25
fil : = 487.81601287582
fipunto1 : = 2.5245872620683E+18
fi_gradi : = 27949.798716684
t1 : = 1.0808815396021E-14
tpunto1 : = 1.0016868797138
tduepunti0 : = -1.1170295618049E+16
v=v_elettrone : = 11254301.877298
x0= : -1.4349313068306E-12
y0= : -1.6969143399891E-12
*****
i=28760
k(28760)=0.9994717241555
kQ(28760)=0.99894372738638
r1= : 2.2245708918202E-12
rpunto1: = 9743344.2976498
rduepunti0 : = -3.7029331800263E+25
fil : = 487.81630895611
fipunto1 : = 2.5219911820919E+18
fi_gradi : = 27949.815680835
t1 : = 1.0808815513497E-14
tpunto1 : = 1.0016855716096
tduepunti0 : = -1.1153809572359E+16
v=v_elettrone : = 11249090.418149
x0= : -1.4351665364595E-12
y0= : -1.6982130994568E-12

```

```
*****
i=28761
k(28761)=0.99947219470438
kQ(28761)=0.99894466798719
r1= : 2.2257135785081E-12
rpunto1: = 9739005.1532929
rduepunti0 : = -3.6998573513907E+25
fil : = 487.81660473194
fipunto1 : = 2.5194002592659E+18
fi_gradi : = 27949.832627542
t1 : = 1.0808815630974E-14
tpunto1 : = 1.0016842654344
tduepunti0 : = -1.1137360807995E+16
v=v_elettrone : = 11243884.233223
x0= : -1.4354013117736E-12
y0= : -1.6995113200249E-12
*****
i=28762
k(28762)=0.99947266465314
kQ(28762)=0.99894560738885
r1= : 2.2268557563069E-12
rpunto1: = 9734669.6103823
rduepunti0 : = -3.6967865069694E+25
fil : = 487.81690020391
fipunto1 : = 2.5168144790739E+18
fi_gradi : = 27949.849556839
t1 : = 1.080881574845E-14
tpunto1 : = 1.0016829611841
tduepunti0 : = -1.1120949210387E+16
v=v_elettrone : = 11238683.313035
x0= : -1.4356356333985E-12
y0= : -1.700809002114E-12
*****
i=28763
k(28763)=0.99947313400294
kQ(28763)=0.99894654559366
r1= : 2.2279974256388E-12
rpunto1: = 9730337.6630855
rduepunti0 : = -3.6937206356846E+25
fil : = 487.81719537263
fipunto1 : = 2.5142338270521E+18
fi_gradi : = 27949.86646876
t1 : = 1.0808815865926E-14
tpunto1 : = 1.001681658854
tduepunti0 : = -1.1104574665409E+16
v=v_elettrone : = 11233487.64699
x0= : -1.4358695019588E-12
y0= : -1.7021061461441E-12
*****
i=28764
k(28764)=0.99947360275493
kQ(28764)=0.99894748260392
r1= : 2.2291385869256E-12
rpunto1: = 9726009.3055829
rduepunti0 : = -3.6906597264888E+25
fil : = 487.81749023869
fipunto1 : = 2.5116582887894E+18
fi_gradi : = 27949.883363341
t1 : = 1.0808815983402E-14
tpunto1 : = 1.0016803584401
tduepunti0 : = -1.1088237059373E+16
v=v_elettrone : = 11228297.224993
x0= : -1.4361029180775E-12
y0= : -1.7034027525346E-12
```

```
*****
i=28765
k(28765)=0.99947407091026
kQ(28765)=0.99894841842193
r1= : 2.2302792405883E-12
rpunto1: = 9721684.5320681
rduepunti0 : = -3.6876037683644E+25
fil : = 487.81778480269
fipunto1 : = 2.5090878499272E+18
fi_gradi : = 27949.900240615
t1 : = 1.0808816100878E-14
tpunto1 : = 1.0016790599379
tduepunti0 : = -1.1071936279034E+16
v=v_elettrone : = 11223112.037467
x0= : -1.4363358823763E-12
y0= : -1.704698821704E-12
*****
i=28766
k(28766)=0.99947453847008
kQ(28766)=0.99894935304997
r1= : 2.2314193870472E-12
rpunto1: = 9717363.3367474
rduepunti0 : = -3.684552750324E+25
fil : = 487.81807906523
fipunto1 : = 2.5065224961588E+18
fi_gradi : = 27949.917100617
t1 : = 1.0808816218353E-14
tpunto1 : = 1.0016777633431
tduepunti0 : = -1.1055672211582E+16
v=v_elettrone : = 11217932.074256
x0= : -1.4365683954755E-12
y0= : -1.7059943540704E-12
*****
i=28767
k(28767)=0.99947500543552
kQ(28767)=0.99895028649033
r1= : 2.232559026722E-12
rpunto1: = 9713045.71384
rduepunti0 : = -3.6815066614099E+25
fil : = 487.81837302692
fipunto1 : = 2.5039622132296E+18
fi_gradi : = 27949.933943381
t1 : = 1.0808816335829E-14
tpunto1 : = 1.0016764686514
tduepunti0 : = -1.1039444744641E+16
v=v_elettrone : = 11212757.32518
x0= : -1.436800457994E-12
y0= : -1.7072893500512E-12
*****
i=28768
k(28768)=0.99947547180773
kQ(28768)=0.99895121874528
r1= : 2.2336981600315E-12
rpunto1: = 9708731.6575779
rduepunti0 : = -3.6784654906944E+25
fil : = 487.81866668833
fipunto1 : = 2.5014069869365E+18
fi_gradi : = 27949.950768941
t1 : = 1.0808816453304E-14
tpunto1 : = 1.0016751758586
tduepunti0 : = -1.1023253766269E+16
v=v_elettrone : = 11207587.780569
x0= : -1.4370320705496E-12
y0= : -1.7085838100631E-12
```



```

*****
i=28769
k(28769)=0.99947593758784
kQ(28769)=0.99895214981709
r1= : 2.2348367873942E-12
rpunto1 : = 9704421.1622058
rduepunti0 : = -3.6754292272795E+25
fil : = 487.81896005008
fipunto1 : = 2.4988568031278E+18
fi_gradi : = 27949.96757733
t1 : = 1.0808816570779E-14
tpunto1 : = 1.0016738849604
tduepunti0 : = -1.1007099164955E+16
v=v_elettrone : = 11202423.431243
x0= : -1.4372632337584E-12
y0= : -1.7098777345222E-12
*****
i=28770
k(28770)=0.99947640277699
kQ(28770)=0.99895307970802
r1= : 2.2359749092277E-12
rpunto1 : = 9700114.2219813
rduepunti0 : = -3.6723978602968E+25
fil : = 487.81925311274
fipunto1 : = 2.4963116477032E+18
fi_gradi : = 27949.984368584
t1 : = 1.0808816688254E-14
tpunto1 : = 1.0016725959526
tduepunti0 : = -1.0990980829617E+16
v=v_elettrone : = 11197264.266401
x0= : -1.4374939482353E-12
y0= : -1.711171123844E-12
*****
i=28771
k(28771)=0.9994768673763
kQ(28771)=0.99895400842034
r1= : 2.2371125259488E-12
rpunto1 : = 9695810.8311746
rduepunti0 : = -3.6693713789076E+25
fil : = 487.8195458769
fipunto1 : = 2.4937715066132E+18
fi_gradi : = 27950.001142735
t1 : = 1.0808816805729E-14
tpunto1 : = 1.0016713088308
tduepunti0 : = -1.0974898649599E+16
v=v_elettrone : = 11192110.276274
x0= : -1.4377242145938E-12
y0= : -1.7124639784434E-12
*****
i=28772
k(28772)=0.99947733138691
kQ(28772)=0.9989549359563
r1= : 2.2382496379739E-12
rpunto1 : = 9691510.9840687
rduepunti0 : = -3.6663497723026E+25
fil : = 487.81983834317
fipunto1 : = 2.4912363658591E+18
fi_gradi : = 27950.017899818
t1 : = 1.0808816923204E-14
tpunto1 : = 1.0016700235909
tduepunti0 : = -1.0958852514672E+16
v=v_elettrone : = 11186961.451602
x0= : -1.4379540334463E-12
y0= : -1.7137562987346E-12

```

```
*****
i=28773
k(28773)=0.99947779480994
kQ(28773)=0.99895586231813
r1= : 2.2393862457185E-12
rpunto1: = 9687214.6749591
rduepunti0 : = -3.6633330297017E+25
fil : = 487.82013051211
fipunto1 : = 2.4887062114929E+18
fi_gradi : = 27950.034639865
t1 : = 1.0808817040678E-14
tpunto1 : = 1.0016687402286
tduepunti0 : = -1.0942842315027E+16
v=v_elettrone : = 11181817.782015
x0= : -1.4381834054036E-12
y0= : -1.7150480851311E-12
*****
i=28774
k(28774)=0.99947825764651
kQ(28774)=0.9989567875081
r1= : 2.2405223495976E-12
rpunto1: = 9682921.8981539
rduepunti0 : = -3.6603211403544E+25
fil : = 487.82042238433
fipunto1 : = 2.4861810296166E+18
fi_gradi : = 27950.051362911
t1 : = 1.0808817158153E-14
tpunto1 : = 1.0016674587398
tduepunti0 : = -1.0926867941279E+16
v=v_elettrone : = 11176679.258748
x0= : -1.4384123310753E-12
y0= : -1.7163393380459E-12
*****
i=28775
k(28775)=0.99947871989774
kQ(28775)=0.99895771152842
r1= : 2.2416579500255E-12
rpunto1: = 9678632.647974
rduepunti0 : = -3.6573140935391E+25
fil : = 487.82071396039
fipunto1 : = 2.4836608063826E+18
fi_gradi : = 27950.068068989
t1 : = 1.0808817275627E-14
tpunto1 : = 1.0016661791203
tduepunti0 : = -1.0910929284461E+16
v=v_elettrone : = 11171545.870828
x0= : -1.4386408110695E-12
y0= : -1.7176300578913E-12
*****
i=28776
k(28776)=0.99947918156475
kQ(28776)=0.99895863438133
r1= : 2.2427930474157E-12
rpunto1: = 9674346.9187525
rduepunti0 : = -3.6543118785637E+25
fil : = 487.82100524088
fipunto1 : = 2.4811455279928E+18
fi_gradi : = 27950.084758132
t1 : = 1.0808817393101E-14
tpunto1 : = 1.0016649013659
tduepunti0 : = -1.0895026236022E+16
v=v_elettrone : = 11166417.609417
x0= : -1.4388688459932E-12
y0= : -1.718920245079E-12
```

```
*****
i=28777
k(28777)=0.99947964264864
kQ(28777)=0.99895955606906
r1= : 2.2439276421811E-12
rpunto1:= 9670064.7048354
rduepunti0 := -3.6513144847647E+25
fil := 487.82129622639
fipunto1 := 2.4786351806992E+18
fi_gradi := 27950.101430373
t1 := 1.0808817510575E-14
tpunto1 := 1.0016636254723
tduepunti0 := -1.0879158687827E+16
v=v_elettrone := 11161294.465117
x0= : -1.4390964364519E-12
y0= : -1.7202099000202E-12
*****
i=28778
k(28778)=0.99948010315054
kQ(28778)=0.99896047659382
r1= : 2.2450617347341E-12
rpunto1:= 9665786.0005807
rduepunti0 := -3.6483219015078E+25
fil := 487.82158691748
fipunto1 := 2.4761297508027E+18
fi_gradi := 27950.118085746
t1 := 1.0808817628049E-14
tpunto1 := 1.0016623514356
tduepunti0 := -1.0863326532156E+16
v=v_elettrone := 11156176.427409
x0= : -1.4393235830499E-12
y0= : -1.7214990231252E-12
*****
i=28779
k(28779)=0.99948056307155
kQ(28779)=0.99896139595782
r1= : 2.2461953254863E-12
rpunto1:= 9661510.8003593
rduepunti0 := -3.6453341181876E+25
fil := 487.82187731475
fipunto1 := 2.4736292246539E+18
fi_gradi := 27950.134724284
t1 := 1.0808817745522E-14
tpunto1 := 1.0016610792515
tduepunti0 := -1.0847529661698E+16
v=v_elettrone := 11151063.487372
x0= : -1.4395502863901E-12
y0= : -1.7227876148038E-12
*****
i=28780
k(28780)=0.99948102241277
kQ(28780)=0.99896231416328
r1= : 2.2473284148486E-12
rpunto1:= 9657239.0985543
rduepunti0 := -3.6423511242272E+25
fil := 487.82216741875
fipunto1 := 2.4711335886521E+18
fi_gradi := 27950.151346019
t1 := 1.0808817862996E-14
tpunto1 := 1.0016598089159
tduepunti0 := -1.0831767969552E+16
v=v_elettrone := 11145955.634427
x0= : -1.4397765470742E-12
y0= : -1.7240756754654E-12
```

```
*****
i=28781
k(28781)=0.99948148117531
kQ(28781)=0.99896323121239
r1= : 2.2484610032313E-12
rpunto1:= 9652970.8895611
rduepunti0 := -3.6393729090787E+25
fil := 487.82245723007
fipunto1 := 2.4686428292455E+18
fi_gradi := 27950.167950984
t1 := 1.0808817980469E-14
tpunto1 := 1.0016585404247
tduepunti0 := -1.0816041349227E+16
v=v_elettrone := 11140852.860686
x0= : -1.4400023657026E-12
y0= : -1.7253632055184E-12
*****
i=28782
k(28782)=0.99948193936026
kQ(28782)=0.99896414710735
r1= : 2.249593091044E-12
rpunto1:= 9648706.1677875
rduepunti0 := -3.6363994622225E+25
fil := 487.82274674927
fipunto1 := 2.4661569329308E+18
fi_gradi := 27950.184539213
t1 := 1.0808818097943E-14
tpunto1 := 1.0016572737738
tduepunti0 := -1.0800349694635E+16
v=v_elettrone := 11135755.154963
x0= : -1.4402277428742E-12
y0= : -1.7266502053709E-12
*****
i=28783
k(28783)=0.99948239696873
kQ(28783)=0.99896506185035
r1= : 2.2507246786957E-12
rpunto1:= 9644444.9276536
rduepunti0 := -3.6334307731678E+25
fil := 487.82303597693
fipunto1 := 2.463675886253E+18
fi_gradi := 27950.201110737
t1 := 1.0808818215416E-14
tpunto1 := 1.0016560089591
tduepunti0 := -1.0784692900092E+16
v=v_elettrone := 11130662.508769
x0= : -1.4404526791868E-12
y0= : -1.72793667543E-12
*****
i=28784
k(28784)=0.9994828540018
kQ(28784)=0.99896597544358
r1= : 2.2518557665947E-12
rpunto1:= 9640187.1635918
rduepunti0 := -3.6304668314519E+25
fil := 487.82332491362
fipunto1 := 2.4611996758053E+18
fi_gradi := 27950.21766559
t1 := 1.0808818332888E-14
tpunto1 := 1.0016547459766
tduepunti0 := -1.0769070860319E+16
v=v_elettrone := 11125574.912498
x0= : -1.4406771752369E-12
y0= : -1.7292226161027E-12
```

```
*****
i=28785
k(28785)=0.99948331046057
kQ(28785)=0.99896688788921
r1= : 2.2529863551487E-12
rpunto1: = 9635932.8700468
rduepunti0 : = -3.6275076266407E+25
fil : = 487.82361355991
fipunto1 : = 2.458728288229E+18
fi_gradi : = 27950.234203803
t1 : = 1.0808818450361E-14
tpunto1 : = 1.0016534848221
tduepunti0 : = -1.0753483470434E+16
v=v_elettrone : = 11120492.356512
x0= : -1.4409012316195E-12
y0= : -1.7305080277951E-12
*****
i=28786
k(28786)=0.99948376634612
kQ(28786)=0.99896779918942
r1= : 2.2541164447647E-12
rpunto1: = 9631682.0414753
rduepunti0 : = -3.6245531483282E+25
fil : = 487.82390191635
fipunto1 : = 2.4562617102128E+18
fi_gradi : = 27950.250725411
t1 : = 1.0808818567834E-14
tpunto1 : = 1.0016522254916
tduepunti0 : = -1.0737930625955E+16
v=v_elettrone : = 11115414.831143
x0= : -1.4411248489286E-12
y0= : -1.7317929109125E-12
*****
i=28787
k(28787)=0.99948422165954
kQ(28787)=0.99896870934638
r1= : 2.2552460358491E-12
rpunto1: = 9627434.6723464
rduepunti0 : = -3.6216033861366E+25
fil : = 487.82418998351
fipunto1 : = 2.4537999284932E+18
fi_gradi : = 27950.267230443
t1 : = 1.0808818685306E-14
tpunto1 : = 1.0016509679811
tduepunti0 : = -1.0722412222797E+16
v=v_elettrone : = 11110342.327789
x0= : -1.4413480277567E-12
y0= : -1.73307726586E-12
*****
i=28788
k(28788)=0.99948467640192
kQ(28788)=0.99896961836224
r1= : 2.2563751288076E-12
rpunto1: = 9623190.7571411
rduepunti0 : = -3.6186583297162E+25
fil : = 487.82447776196
fipunto1 : = 2.4513429298538E+18
fi_gradi : = 27950.283718934
t1 : = 1.0808818802779E-14
tpunto1 : = 1.0016497122866
tduepunti0 : = -1.0706928157268E+16
v=v_elettrone : = 11105274.836189
x0= : -1.4415707686951E-12
y0= : -1.7343610930418E-12
```

```
*****
i=28789
k(28789)=0.99948513057432
kQ(28789)=0.99897052623917
r1= : 2.2575037240453E-12
rpunto1: = 9618950.2903528
rduepunti0 : = -3.6157179687454E+25
fil : = 487.82476525226
fipunto1 : = 2.4488907011253E+18
fi_gradi : = 27950.300190914
t1 : = 1.0808818920251E-14
tpunto1 : = 1.001648458404
tduepunti0 : = -1.0691478326071E+16
v=v_elettrone : = 11100212.347126
x0= : -1.4417930723339E-12
y0= : -1.7356443928615E-12
*****
i=28790
k(28790)=0.99948558417784
kQ(28790)=0.99897143297932
r1= : 2.2586318219666E-12
rpunto1: = 9614713.2664868
rduepunti0 : = -3.6127822929302E+25
fil : = 487.82505245496
fipunto1 : = 2.4464432291854E+18
fi_gradi : = 27950.316646417
t1 : = 1.0808819037723E-14
tpunto1 : = 1.0016472063293
tduepunti0 : = -1.0676062626299E+16
v=v_elettrone : = 11095154.851923
x0= : -1.4420149392619E-12
y0= : -1.7369271657223E-12
*****
i=28791
k(28791)=0.99948603721355
kQ(28791)=0.99897233858484
r1= : 2.2597594229753E-12
rpunto1: = 9610479.6800603
rduepunti0 : = -3.6098512920047E+25
fil : = 487.82533937062
fipunto1 : = 2.4440005009585E+18
fi_gradi : = 27950.333085474
t1 : = 1.0808819155195E-14
tpunto1 : = 1.0016459560585
tduepunti0 : = -1.0660680955434E+16
v=v_elettrone : = 11090102.340763
x0= : -1.4422363700665E-12
y0= : -1.7382094120265E-12
*****
i=28792
k(28792)=0.99948648968251
kQ(28792)=0.99897324305786
r1= : 2.2608865274744E-12
rpunto1: = 9606249.5256028
rduepunti0 : = -3.6069249557307E+25
fil : = 487.82562599981
fipunto1 : = 2.4415625034154E+18
fi_gradi : = 27950.349508116
t1 : = 1.0808819272666E-14
tpunto1 : = 1.0016447075878
tduepunti0 : = -1.0645333211347E+16
v=v_elettrone : = 11085054.804363
x0= : -1.442457365334E-12
y0= : -1.7394911321761E-12
```

```
*****
i=28793
k(28793)=0.99948694158579
kQ(28793)=0.99897414640052
r1= : 2.2620131358666E-12
rpunto1: = 9602022.7976555
rduepunti0 : = -3.6040032738975E+25
fil : = 487.82591234307
fipunto1 : = 2.4391292235732E+18
fi_gradi : = 27950.365914377
t1 : = 1.0808819390138E-14
tpunto1 : = 1.001643460913
tduepunti0 : = -1.0630019292294E+16
v=v_elettrone : = 11080012.233408
x0= : -1.4426779256493E-12
y0= : -1.7407723265722E-12
*****
i=28794
k(28794)=0.99948739292447
kQ(28794)=0.99897504861495
r1= : 2.2631392485537E-12
rpunto1: = 9597799.4907718
rduepunti0 : = -3.6010862363221E+25
fil : = 487.82619840096
fipunto1 : = 2.4367006484952E+18
fi_gradi : = 27950.382304286
t1 : = 1.0808819507609E-14
tpunto1 : = 1.0016422160303
tduepunti0 : = -1.0614739096916E+16
v=v_elettrone : = 11074974.619099
x0= : -1.4428980515962E-12
y0= : -1.7420529956155E-12
*****
i=28795
k(28795)=0.9994878436996
kQ(28795)=0.99897594970328
r1= : 2.2642648659368E-12
rpunto1: = 9593579.5995168
rduepunti0 : = -3.5981738328491E+25
fil : = 487.82648417402
fipunto1 : = 2.4342767652903E+18
fi_gradi : = 27950.398677877
t1 : = 1.0808819625081E-14
tpunto1 : = 1.0016409729356
tduepunti0 : = -1.0599492524234E+16
v=v_elettrone : = 11069941.951509
x0= : -1.4431177437571E-12
y0= : -1.7433331397061E-12
*****
i=28796
k(28796)=0.99948829391225
kQ(28796)=0.99897684966763
r1= : 2.2653899884166E-12
rpunto1: = 9589363.1184677
rduepunti0 : = -3.5952660533502E+25
fil : = 487.82676966282
fipunto1 : = 2.4318575611133E+18
fi_gradi : = 27950.41503518
t1 : = 1.0808819742552E-14
tpunto1 : = 1.0016397316252
tduepunti0 : = -1.0584279473653E+16
v=v_elettrone : = 11064914.222345
x0= : -1.4433370027133E-12
y0= : -1.7446127592432E-12
```

```
*****
i=28797
k(28797)=0.99948874356348
kQ(28797)=0.9989777485101
r1= : 2.266514616393E-12
rpunto1: = 9585150.0422132
rduepunti0 : = -3.5923628877248E+25
fil : = 487.8270548679
fipunto1 : = 2.4294430231646E+18
fi_gradi : = 27950.431376227
t1 : = 1.0808819860023E-14
tpunto1 : = 1.001638492095
tduepunti0 : = -1.0569099844955E+16
v=v_elettrone : = 11059891.422172
x0= : -1.4435558290448E-12
y0= : -1.7458918546259E-12
*****
i=28798
k(28798)=0.99948919265433
kQ(28798)=0.99897864623281
r1= : 2.2676387502654E-12
rpunto1: = 9580940.3653542
rduepunti0 : = -3.5894643258991E+25
fil : = 487.8273397898
fipunto1 : = 2.4270331386895E+18
fi_gradi : = 27950.44770105
t1 : = 1.0808819977494E-14
tpunto1 : = 1.0016372543411
tduepunti0 : = -1.0553953538298E+16
v=v_elettrone : = 11054873.541545
x0= : -1.4437742233301E-12
y0= : -1.7471704262523E-12
*****
i=28799
k(28799)=0.99948964118588
kQ(28799)=0.99897954283787
r1= : 2.2687623904323E-12
rpunto1: = 9576734.0825031
rduepunti0 : = -3.5865703578268E+25
fil : = 487.82762442908
fipunto1 : = 2.4246278949788E+18
fi_gradi : = 27950.464009679
t1 : = 1.0808820094964E-14
tpunto1 : = 1.0016360183596
tduepunti0 : = -1.0538840454218E+16
v=v_elettrone : = 11049860.570974
x0= : -1.443992186147E-12
y0= : -1.7484484745201E-12
*****
i=28800
k(28800)=0.99949008915915
kQ(28800)=0.99898043832737
r1= : 2.2698855372919E-12
rpunto1: = 9572531.1882842
rduepunti0 : = -3.5836809734886E+25
fil : = 487.82790878627
fipunto1 : = 2.4222272793679E+18
fi_gradi : = 27950.480302146
t1 : = 1.0808820212435E-14
tpunto1 : = 1.0016347841468
tduepunti0 : = -1.0523760493624E+16
v=v_elettrone : = 11044852.5026
x0= : -1.4442097180716E-12
y0= : -1.7497259998262E-12
```



```
*****
i=28801
k(28801)=0.99949053657521
kQ(28801)=0.99898133270339
r1= : 2.2710081912415E-12
rpunto1: = 9568331.6773335
rduepunti0 : = -3.5807961628921E+25
fil : = 487.82819286192
fipunto1 : = 2.4198312792372E+18
fi_gradi : = 27950.496578482
t1 : = 1.0808820329905E-14
tpunto1 : = 1.0016335516986
tduepunti0 : = -1.0508713557796E+16
v=v_elettrone : = 11039849.326338
x0= : -1.4444268196789E-12
y0= : -1.7510030025671E-12
*****
i=28802
k(28802)=0.99949098343509
kQ(28802)=0.99898222596805
r1= : 2.272130352678E-12
rpunto1: = 9564135.5442986
rduepunti0 : = -3.577915916072E+25
fil : = 487.82847665657
fipunto1 : = 2.4174398820112E+18
fi_gradi : = 27950.512838718
t1 : = 1.0808820447376E-14
tpunto1 : = 1.0016323210112
tduepunti0 : = -1.0493699548386E+16
v=v_elettrone : = 11034851.033723
x0= : -1.4446434915429E-12
y0= : -1.7522794831387E-12
*****
i=28803
k(28803)=0.99949142973984
kQ(28803)=0.9989831181234
r1= : 2.2732520219975E-12
rpunto1: = 9559942.7838389
rduepunti0 : = -3.5750402230895E+25
fil : = 487.82876017076
fipunto1 : = 2.4150530751591E+18
fi_gradi : = 27950.529082884
t1 : = 1.0808820564846E-14
tpunto1 : = 1.0016310920808
tduepunti0 : = -1.0478718367413E+16
v=v_elettrone : = 11029857.615719
x0= : -1.4448597342359E-12
y0= : -1.7535554419363E-12
*****
i=28804
k(28804)=0.99949187549051
kQ(28804)=0.99898400917153
r1= : 2.2743731995955E-12
rpunto1: = 9555753.3906253
rduepunti0 : = -3.5721690740329E+25
fil : = 487.82904340503
fipunto1 : = 2.412670846194E+18
fi_gradi : = 27950.545311012
t1 : = 1.0808820682316E-14
tpunto1 : = 1.0016298649035
tduepunti0 : = -1.0463769917264E+16
v=v_elettrone : = 11024869.062704
x0= : -1.4450755483295E-12
y0= : -1.7548308793545E-12
```

```
*****
i=28805
k(28805)=0.99949232068812
kQ(28805)=0.99898489911452
r1= : 2.2754938858669E-12
rpunto1: = 9551567.3593403
rduepunti0 : = -3.569302459017E+25
fil : = 487.82932635991
fipunto1 : = 2.410293182673E+18
fi_gradi : = 27950.561523133
t1 : = 1.0808820799786E-14
tpunto1 : = 1.0016286394756
tduepunti0 : = -1.0448854100692E+16
v=v_elettrone : = 11019885.366144
x0= : -1.4452909343937E-12
y0= : -1.7561057957873E-12
*****
i=28806
k(28806)=0.99949276533371
kQ(28806)=0.99898578795443
r1= : 2.2766140812061E-12
rpunto1: = 9547384.684678
rduepunti0 : = -3.5664403681831E+25
fil : = 487.82960903595
fipunto1 : = 2.407920072197E+18
fi_gradi : = 27950.577719277
t1 : = 1.0808820917255E-14
tpunto1 : = 1.0016274157931
tduepunti0 : = -1.0433970820813E+16
v=v_elettrone : = 11014906.51746
x0= : -1.4455058929975E-12
y0= : -1.7573801916282E-12
*****
i=28807
k(28807)=0.99949320942831
kQ(28807)=0.99898667569331
r1= : 2.2777337860067E-12
rpunto1: = 9543205.3613441
rduepunti0 : = -3.5635827916992E+25
fil : = 487.82989143367
fipunto1 : = 2.4055515024105E+18
fi_gradi : = 27950.593899474
t1 : = 1.0808821034725E-14
tpunto1 : = 1.0016261938523
tduepunti0 : = -1.0419119981106E+16
v=v_elettrone : = 11009932.507515
x0= : -1.4457204247087E-12
y0= : -1.7586540672702E-12
*****
i=28808
k(28808)=0.99949365297296
kQ(28808)=0.99898756233324
r1= : 2.2788530006616E-12
rpunto1: = 9539029.3840557
rduepunti0 : = -3.5607297197597E+25
fil : = 487.83017355361
fipunto1 : = 2.4031874610011E+18
fi_gradi : = 27950.610063756
t1 : = 1.0808821152194E-14
tpunto1 : = 1.0016249736494
tduepunti0 : = -1.0404301485408E+16
v=v_elettrone : = 11004963.327133
x0= : -1.4459345300937E-12
y0= : -1.7599274231056E-12
```

```
*****
i=28809
k(28809)=0.99949409596868
kQ(28809)=0.99898844787625
r1= : 2.2799717255635E-12
rpunto1: = 9534856.7475414
rduepunti0 : = -3.5578811425852E+25
fil : = 487.83045539629
fipunto1 : = 2.4008279357E+18
fi_gradi : = 27950.626212152
t1 : = 1.0808821269664E-14
tpunto1 : = 1.0016237551807
tduepunti0 : = -1.0389515237919E+16
v=v_elettrone : = 10999998.967116
x0= : -1.4461482097178E-12
y0= : -1.761200259526E-12
*****
i=28810
k(28810)=0.99949453841649
kQ(28810)=0.9989893323244
r1= : 2.2810899611039E-12
rpunto1: = 9530687.4465412
rduepunti0 : = -3.5550370504226E+25
fil : = 487.83073696225
fipunto1 : = 2.398472914281E+18
fi_gradi : = 27950.642344694
t1 : = 1.0808821387133E-14
tpunto1 : = 1.0016225384422
tduepunti0 : = -1.0374761143193E+16
v=v_elettrone : = 10995039.419899
x0= : -1.4463614641453E-12
y0= : -1.7624725769226E-12
*****
i=28811
k(28811)=0.99949498031742
kQ(28811)=0.99899021567972
r1= : 2.2822077076742E-12
rpunto1: = 9526521.4758066
rduepunti0 : = -3.552197433545E+25
fil : = 487.83101825202
fipunto1 : = 2.3961223845609E+18
fi_gradi : = 27950.65846141
t1 : = 1.0808821504602E-14
tpunto1 : = 1.0016213234304
tduepunti0 : = -1.036003910614E+16
v=v_elettrone : = 10990084.675128
x0= : -1.446574293939E-12
y0= : -1.763744375686E-12
*****
i=28812
k(28812)=0.99949542167249
kQ(28812)=0.99899109794426
r1= : 2.2833249656649E-12
rpunto1: = 9522358.8301004
rduepunti0 : = -3.5493622822519E+25
fil : = 487.83129926613
fipunto1 : = 2.3937763343992E+18
fi_gradi : = 27950.674562332
t1 : = 1.0808821622071E-14
tpunto1 : = 1.0016201101414
tduepunti0 : = -1.0345349032025E+16
v=v_elettrone : = 10985134.725179
x0= : -1.4467866996606E-12
y0= : -1.7650156562061E-12
```

```
*****
i=28813
k(28813)=0.9994958624827
kQ(28813)=0.99899197912004
r1= : 2.2844417354659E-12
rpunto1: = 9518199.5041967
rduepunti0 : = -3.5465315868683E+25
fil : = 487.83158000509
fipunto1 : = 2.3914347516978E+18
fi_gradi : = 27950.69064749
t1 : = 1.0808821739539E-14
tpunto1 : = 1.0016188985715
tduepunti0 : = -1.0330690826466E+16
v=v_elettrone : = 10980189.560757
x0= : -1.4469986818708E-12
y0= : -1.7662864188723E-12
*****
i=28814
k(28814)=0.99949630274908
kQ(28814)=0.99899285920909
r1= : 2.2855580174666E-12
rpunto1: = 9514043.492881
rduepunti0 : = -3.5437053377455E+25
fil : = 487.83186046943
fipunto1 : = 2.3890976244007E+18
fi_gradi : = 27950.706716913
t1 : = 1.0808821857008E-14
tpunto1 : = 1.0016176887169
tduepunti0 : = -1.031606439543E+16
v=v_elettrone : = 10975249.173634
x0= : -1.4472102411289E-12
y0= : -1.7675566640733E-12
*****
i=28815
k(28815)=0.99949674247264
kQ(28815)=0.99899373821342
r1= : 2.2866738120558E-12
rpunto1: = 9509890.7909502
rduepunti0 : = -3.5408835252606E+25
fil : = 487.83214065968
fipunto1 : = 2.3867649404943E+18
fi_gradi : = 27950.722770632
t1 : = 1.0808821974476E-14
tpunto1 : = 1.001616480574
tduepunti0 : = -1.0301469645236E+16
v=v_elettrone : = 10970313.553913
x0= : -1.447421377993E-12
y0= : -1.7688263921976E-12
*****
i=28816
k(28816)=0.99949718165439
kQ(28816)=0.99899461613507
r1= : 2.2877891196215E-12
rpunto1: = 9505741.3932122
rduepunti0 : = -3.5380661398166E+25
fil : = 487.83242057635
fipunto1 : = 2.3844366880067E+18
fi_gradi : = 27950.738808676
t1 : = 1.0808822091944E-14
tpunto1 : = 1.0016152741391
tduepunti0 : = -1.0286906482549E+16
v=v_elettrone : = 10965382.693871
x0= : -1.4476320930202E-12
y0= : -1.7700956036327E-12
```

```
*****
i=28817
k(28817)=0.99949762029533
kQ(28817)=0.99899549297602
r1= : 2.2889039405512E-12
rpunto1: = 9501595.2944863
rduepunti0 : = -3.5352531718419E+25
fil : = 487.83270021997
fipunto1 : = 2.3821128550077E+18
fi_gradi : = 27950.754831075
t1 : = 1.0808822209413E-14
tpunto1 : = 1.0016140694084
tduepunti0 : = -1.0272374814379E+16
v=v_elettrone : = 10960456.584652
x0= : -1.4478423867663E-12
y0= : -1.7713642987656E-12
*****
i=28818
k(28818)=0.99949805839647
kQ(28818)=0.9989963687383
r1= : 2.2900182752319E-12
rpunto1: = 9497452.489603
rduepunti0 : = -3.5324446117908E+25
fil : = 487.83297959105
fipunto1 : = 2.3797934296088E+18
fi_gradi : = 27950.770837859
t1 : = 1.0808822326881E-14
tpunto1 : = 1.0016128663782
tduepunti0 : = -1.0257874548083E+16
v=v_elettrone : = 10955535.217949
x0= : -1.448052259786E-12
y0= : -1.7726324779828E-12
*****
i=28819
k(28819)=0.9994984959588
kQ(28819)=0.99899724342391
r1= : 2.2911321240499E-12
rpunto1: = 9493312.9734037
rduepunti0 : = -3.5296404501431E+25
fil : = 487.83325869012
fipunto1 : = 2.3774783999628E+18
fi_gradi : = 27950.786829057
t1 : = 1.0808822444348E-14
tpunto1 : = 1.001611665045
tduepunti0 : = -1.0243405591361E+16
v=v_elettrone : = 10950618.584296
x0= : -1.4482617126327E-12
y0= : -1.7739001416704E-12
*****
i=28820
k(28820)=0.99949893298334
kQ(28820)=0.99899811703483
r1= : 2.2922454873908E-12
rpunto1: = 9489176.7407414
rduepunti0 : = -3.526840677404E+25
fil : = 487.83353751768
fipunto1 : = 2.3751677542636E+18
fi_gradi : = 27950.8028047
t1 : = 1.0808822561816E-14
tpunto1 : = 1.001610465405
tduepunti0 : = -1.0228967852254E+16
v=v_elettrone : = 10945706.675325
x0= : -1.4484707458588E-12
y0= : -1.7751672902137E-12
```

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*****
i=28821
k(28821)=0.99949936947106
kQ(28821)=0.99899898957306
r1= : 2.2933583656397E-12
rpunto1: = 9485043.7864798
rduepunti0 : = -3.5240452841044E+25
fil : = 487.83381607425
fipunto1 : = 2.3728614807464E+18
fi_gradi : = 27950.818764816
t1 : = 1.0808822679284E-14
tpunto1 : = 1.0016092674546
tduepunti0 : = -1.0214561239142E+16
v=v_elettrone : = 10940799.482643
x0= : -1.4486793600154E-12
y0= : -1.7764339239974E-12
*****
i=28822
k(28822)=0.99949980542298
kQ(28822)=0.99899986104058
r1= : 2.2944707591812E-12
rpunto1: = 9480914.1054938
rduepunti0 : = -3.5212542608E+25
fil : = 487.83409436034
fipunto1 : = 2.3705595676869E+18
fi_gradi : = 27950.834709434
t1 : = 1.0808822796751E-14
tpunto1 : = 1.0016080711902
tduepunti0 : = -1.0200185660745E+16
v=v_elettrone : = 10935896.997834
x0= : -1.4488875556527E-12
y0= : -1.7777000434056E-12
*****
i=28823
k(28823)=0.99950024084008
kQ(28823)=0.99900073143938
r1= : 2.2955826683991E-12
rpunto1: = 9476787.6926695
rduepunti0 : = -3.5184675980723E+25
fil : = 487.83437237647
fipunto1 : = 2.3682620034017E+18
fi_gradi : = 27950.850638585
t1 : = 1.0808822914218E-14
tpunto1 : = 1.0016068766081
tduepunti0 : = -1.0185841026119E+16
v=v_elettrone : = 10930999.211892
x0= : -1.4490953333194E-12
y0= : -1.7789656488222E-12
*****
i=28824
k(28824)=0.99950067572335
kQ(28824)=0.99900160077143
r1= : 2.2966940936767E-12
rpunto1: = 9472664.5429038
rduepunti0 : = -3.5156852865276E+25
fil : = 487.83465012314
fipunto1 : = 2.3659687762479E+18
fi_gradi : = 27950.866552297
t1 : = 1.0808823031686E-14
tpunto1 : = 1.0016056837046
tduepunti0 : = -1.0171527244658E+16
v=v_elettrone : = 10926106.116904
x0= : -1.4493026935633E-12
y0= : -1.7802307406301E-12

```

```
*****
i=28825
k(28825)=0.999501111007377
kQ(28825)=0.9990024690387
r1= : 2.2978050353966E-12
rpunto1: = 9468544.6511047
rduepunti0 : = -3.5129073167975E+25
fil : = 487.83492760087
fipunto1 : = 2.3636798746228E+18
fi_gradi : = 27950.8824506
t1 : = 1.0808823149153E-14
tpunto1 : = 1.0016044924763
tduepunti0 : = -1.0157244226087E+16
v=v_elettrone : = 10921217.703825
x0= : -1.4495096369308E-12
y0= : -1.7814953192119E-12
*****
i=28826
k(28826)=0.99950154389234
kQ(28826)=0.99900333624317
r1= : 2.2989154939411E-12
rpunto1: = 9464428.0121911
rduepunti0 : = -3.5101336795384E+25
fil : = 487.83520481016
fipunto1 : = 2.361395286964E+18
fi_gradi : = 27950.898333522
t1 : = 1.0808823266619E-14
tpunto1 : = 1.0016033029195
tduepunti0 : = -1.0142991880465E+16
v=v_elettrone : = 10916333.964142
x0= : -1.4497161639675E-12
y0= : -1.7827593849495E-12
*****
i=28827
k(28827)=0.99950197718002
kQ(28827)=0.99900420238678
r1= : 2.3000254696915E-12
rpunto1: = 9460314.621093
rduepunti0 : = -3.507364365432E+25
fil : = 487.83548175151
fipunto1 : = 2.359115001749E+18
fi_gradi : = 27950.914201093
t1 : = 1.0808823384086E-14
tpunto1 : = 1.0016021150305
tduepunti0 : = -1.0128770118183E+16
v=v_elettrone : = 10911454.88986
x0= : -1.4499222752177E-12
y0= : -1.7840229382241E-12
*****
i=28828
k(28828)=0.99950240993781
kQ(28828)=0.9990050674715
r1= : 2.3011349630287E-12
rpunto1: = 9456204.472751
rduepunti0 : = -3.5045993651845E+25
fil : = 487.83575842543
fipunto1 : = 2.3568390074952E+18
fi_gradi : = 27950.930053341
t1 : = 1.0808823501553E-14
tpunto1 : = 1.001600928806
tduepunti0 : = -1.011457884996E+16
v=v_elettrone : = 10906580.471868
x0= : -1.4501279712243E-12
y0= : -1.7852859794168E-12
```

```
*****
i=28829
k(28829)=0.99950284216668
kQ(28829)=0.99900593149927
r1= : 2.3022439743332E-12
rpunto1 : = 9452097.5621168
rduepunti0 : = -3.5018386695271E+25
fil : = 487.83603483243
fipunto1 : = 2.3545672927596E+18
fi_gradi : = 27950.945890296
t1 : = 1.0808823619019E-14
tpunto1 : = 1.0015997442421
tduepunti0 : = -1.0100417986843E+16
v=v_elettrone : = 10901710.702682
x0= : -1.4503332525296E-12
y0= : -1.7865485089076E-12
*****
i=28830
k(28830)=0.9995032738676
kQ(28830)=0.99900679447206
r1= : 2.3033525039845E-12
rpunto1 : = 9447993.8841528
rduepunti0 : = -3.4990822692156E+25
fil : = 487.83631097301
fipunto1 : = 2.3522998461387E+18
fi_gradi : = 27950.961711985
t1 : = 1.0808823736486E-14
tpunto1 : = 1.0015985613355
tduepunti0 : = -1.0086287440209E+16
v=v_elettrone : = 10896845.573138
x0= : -1.4505381196743E-12
y0= : -1.7878105270764E-12
*****
i=28831
k(28831)=0.99950370504155
kQ(28831)=0.99900765639179
r1= : 2.3044605523618E-12
rpunto1 : = 9443893.4338324
rduepunti0 : = -3.4963301550307E+25
fil : = 487.83658684766
fipunto1 : = 2.3500366562683E+18
fi_gradi : = 27950.977518438
t1 : = 1.0808823853952E-14
tpunto1 : = 1.0015973800826
tduepunti0 : = -1.0072187121755E+16
v=v_elettrone : = 10891985.075153
x0= : -1.4507425731982E-12
y0= : -1.7890720343021E-12
*****
i=28832
k(28832)=0.99950413568949
kQ(28832)=0.9990085172604
r1= : 2.3055681198437E-12
rpunto1 : = 9439796.2061397
rduepunti0 : = -3.4935823177774E+25
fil : = 487.83686245689
fipunto1 : = 2.3477777118233E+18
fi_gradi : = 27950.993309684
t1 : = 1.0808823971418E-14
tpunto1 : = 1.0015962004798
tduepunti0 : = -1.0058116943508E+16
v=v_elettrone : = 10887129.200071
x0= : -1.4509466136399E-12
y0= : -1.7903330309635E-12
```



```
*****
i=28833
k(28833)=0.9995045658124
kQ(28833)=0.99900937707983
r1= : 2.3066752068081E-12
rpunto1: = 9435702.1960694
rduepunti0 : = -3.4908387482852E+25
fil : = 487.83713780119
fipunto1 : = 2.3455230015177E+18
fi_gradi : = 27951.00908575
t1 : = 1.0808824088884E-14
tpunto1 : = 1.0015950225236
tduepunti0 : = -1.0044076817812E+16
v=v_elettrone : = 10882277.940318
x0= : -1.4511502415369E-12
y0= : -1.7915935174383E-12
*****
i=28834
k(28834)=0.99950499541123
kQ(28834)=0.99901023585201
r1= : 2.3077818136323E-12
rpunto1: = 9431611.3986271
rduepunti0 : = -3.4880994374083E+25
fil : = 487.83741288107
fipunto1 : = 2.3432725141043E+18
fi_gradi : = 27951.024846666
t1 : = 1.0808824206349E-14
tpunto1 : = 1.0015938462104
tduepunti0 : = -1.0030066657334E+16
v=v_elettrone : = 10877431.286635
x0= : -1.4513534574257E-12
y0= : -1.7928534941042E-12
*****
i=28835
k(28835)=0.99950542448696
kQ(28835)=0.99901109357885
r1= : 2.3088879406932E-12
rpunto1: = 9427523.808829
rduepunti0 : = -3.4853643760249E+25
fil : = 487.837687697
fipunto1 : = 2.3410262383746E+18
fi_gradi : = 27951.040592459
t1 : = 1.0808824323815E-14
tpunto1 : = 1.0015926715369
tduepunti0 : = -1.0016086375063E+16
v=v_elettrone : = 10872589.231402
x0= : -1.4515562618414E-12
y0= : -1.794112961338E-12
*****
i=28836
k(28836)=0.99950585304053
kQ(28836)=0.99901195026228
r1= : 2.3099935883668E-12
rpunto1: = 9423439.4217022
rduepunti0 : = -3.4826335550376E+25
fil : = 487.8379622495
fipunto1 : = 2.3387841631584E+18
fi_gradi : = 27951.056323159
t1 : = 1.080882444128E-14
tpunto1 : = 1.0015914984995
tduepunti0 : = -1.0002135884303E+16
v=v_elettrone : = 10867751.766424
x0= : -1.4517586553183E-12
y0= : -1.7953719195161E-12
```

```
*****
i=28837
k(28837)=0.99950628107291
kQ(28837)=0.99901280590421
r1= : 2.3110987570289E-12
rpunto1: = 9419358.232284
rduepunti0 : = -3.4799069653734E+25
fil : = 487.83823653905
fipunto1 : = 2.336546277324E+18
fi_gradi : = 27951.072038792
t1 : = 1.0808824558746E-14
tpunto1 : = 1.0015903270947
tduepunti0 : = -9.9882150986751E+15
v=v_elettrone : = 10862918.882927
x0= : -1.4519606383893E-12
y0= : -1.7966303690142E-12
*****
i=28838
k(28838)=0.99950670858506
kQ(28838)=0.99901366050654
r1= : 2.3122034470544E-12
rpunto1: = 9415280.2356228
rduepunti0 : = -3.4771845979831E+25
fil : = 487.83851056615
fipunto1 : = 2.3343125697779E+18
fi_gradi : = 27951.087739388
t1 : = 1.0808824676211E-14
tpunto1 : = 1.001589157319
tduepunti0 : = -9.9743239321175E+15
v=v_elettrone : = 10858090.57267
x0= : -1.4521622115864E-12
y0= : -1.7978883102075E-12
*****
i=28839
k(28839)=0.99950713557793
kQ(28839)=0.99901451407119
r1= : 2.3133076588178E-12
rpunto1: = 9411205.4267772
rduepunti0 : = -3.4744664438418E+25
fil : = 487.83878433128
fipunto1 : = 2.3320830294645E+18
fi_gradi : = 27951.103424975
t1 : = 1.0808824793676E-14
tpunto1 : = 1.001587989169
tduepunti0 : = -9.9604622988811E+15
v=v_elettrone : = 10853266.827937
x0= : -1.4523633754406E-12
y0= : -1.7991457434708E-12
*****
i=28840
k(28840)=0.99950756205246
kQ(28840)=0.99901536660005
r1= : 2.3144113926929E-12
rpunto1: = 9407133.8008166
rduepunti0 : = -3.4717524939485E+25
fil : = 487.83905783493
fipunto1 : = 2.3298576453662E+18
fi_gradi : = 27951.11909558
t1 : = 1.0808824911141E-14
tpunto1 : = 1.0015868226412
tduepunti0 : = -9.9466301135298E+15
v=v_elettrone : = 10848447.640453
x0= : -1.4525641304814E-12
y0= : -1.8004026691781E-12
```

```
*****
i=28841
k(28841)=0.99950798800961
kQ(28841)=0.99901621809501
r1= : 2.3155146490531E-12
rpunto1: = 9403065.3528208
rduepunti0 : = -3.469042739326E+25
fil : = 487.83933107759
fipunto1 : = 2.3276364065029E+18
fi_gradi : = 27951.134751231
t1 : = 1.0808825028606E-14
tpunto1 : = 1.0015856577322
tduepunti0 : = -9.9328272909387E+15
v=v_elettrone : = 10843633.001901
x0= : -1.4527644772376E-12
y0= : -1.8016590877031E-12
*****
i=28842
k(28842)=0.99950841345032
kQ(28842)=0.99901706855797
r1= : 2.316617428271E-12
rpunto1: = 9399000.0778801
rduepunti0 : = -3.4663371710212E+25
fil : = 487.83960405974
fipunto1 : = 2.3254193019323E+18
fi_gradi : = 27951.150391956
t1 : = 1.080882514607E-14
tpunto1 : = 1.0015844944386
tduepunti0 : = -9.919053746293E+15
v=v_elettrone : = 10838822.904506
x0= : -1.4529644162368E-12
y0= : -1.8029149994187E-12
*****
i=28843
k(28843)=0.99950883837554
kQ(28843)=0.99901791799081
r1= : 2.3177197307187E-12
rpunto1: = 9394937.9710954
rduepunti0 : = -3.4636357801044E+25
fil : = 487.83987678188
fipunto1 : = 2.3232063207492E+18
fi_gradi : = 27951.166017784
t1 : = 1.0808825263535E-14
tpunto1 : = 1.0015833327568
tduepunti0 : = -9.9053093950862E+15
v=v_elettrone : = 10834017.33936
x0= : -1.4531639480052E-12
y0= : -1.8041704046976E-12
*****
i=28844
k(28844)=0.9995092627862
kQ(28844)=0.99901876639542
r1= : 2.3188215567679E-12
rpunto1: = 9390879.027578
rduepunti0 : = -3.46093855767E+25
fil : = 487.84014924448
fipunto1 : = 2.3209974520858E+18
fi_gradi : = 27951.181628741
t1 : = 1.0808825380999E-14
tpunto1 : = 1.0015821726836
tduepunti0 : = -9.891594153119E+15
v=v_elettrone : = 10829216.298642
x0= : -1.4533630730684E-12
y0= : -1.8054253039115E-12
```

```
*****
i=28845
k(28845)=0.99950968668326
kQ(28845)=0.99901961377366
r1= : 2.3199229067895E-12
rpunto1: = 9386823.2424494
rduepunti0 : = -3.4582454948358E+25
fil : = 487.84042144803
fipunto1 : = 2.3187926851114E+18
fi_gradi : = 27951.197224855
t1 : = 1.0808825498464E-14
tpunto1 : = 1.0015810142154
tduepunti0 : = -9.8779079364979E+15
v=v_elettrone : = 10824419.775065
x0= : -1.4535617919507E-12
y0= : -1.8066796974319E-12
*****
i=28846
k(28846)=0.99951011006763
kQ(28846)=0.99902046012741
r1= : 2.3210237811539E-12
rpunto1: = 9382770.6108419
rduepunti0 : = -3.455556582743E+25
fil : = 487.84069339301
fipunto1 : = 2.3165920090321E+18
fi_gradi : = 27951.212806155
t1 : = 1.0808825615928E-14
tpunto1 : = 1.001579857349
tduepunti0 : = -9.8642506616343E+15
v=v_elettrone : = 10819627.759096
x0= : -1.4537601051752E-12
y0= : -1.8079335856296E-12
*****
i=28847
k(28847)=0.99951053294027
kQ(28847)=0.99902130545854
r1= : 2.322124180231E-12
rpunto1: = 9378721.1278977
rduepunti0 : = -3.4528718125566E+25
fil : = 487.84096507989
fipunto1 : = 2.3143954130907E+18
fi_gradi : = 27951.228372667
t1 : = 1.0808825733392E-14
tpunto1 : = 1.0015787020809
tduepunti0 : = -9.8506222452421E+15
v=v_elettrone : = 10814840.244525
x0= : -1.4539580132643E-12
y0= : -1.8091869688748E-12
*****
i=28848
k(28848)=0.9995109553021
kQ(28848)=0.99902214976891
r1= : 2.32322410439E-12
rpunto1: = 9374674.7887697
rduepunti0 : = -3.4501911754647E+25
fil : = 487.84123650916
fipunto1 : = 2.312202886567E+18
fi_gradi : = 27951.243924418
t1 : = 1.0808825850856E-14
tpunto1 : = 1.0015775484077
tduepunti0 : = -9.8370226043377E+15
v=v_elettrone : = 10810057.221768
x0= : -1.4541555167387E-12
y0= : -1.8104398475376E-12
```

```
*****
i=28849
k(28849)=0.99951137715404
kQ(28849)=0.99902299306037
r1= : 2.3243235539996E-12
rpunto1: = 9370631.5886208
rduepunti0 : = -3.4475146626791E+25
fil : = 487.84150768129
fipunto1 : = 2.3100144187767E+18
fi_gradi : = 27951.259461437
t1 : = 1.0808825968319E-14
tpunto1 : = 1.0015763963262
tduepunti0 : = -9.8234516562376E+15
v=v_elettrone : = 10805278.683453
x0= : -1.4543526161186E-12
y0= : -1.8116922219868E-12
*****
i=28850
k(28850)=0.99951179849704
kQ(28850)=0.99902383533479
r1= : 2.325422529428E-12
rpunto1: = 9366591.5226246
rduepunti0 : = -3.4448422654345E+25
fil : = 487.84177859677
fipunto1 : = 2.3078299990722E+18
fi_gradi : = 27951.27498375
t1 : = 1.0808826085783E-14
tpunto1 : = 1.0015752458328
tduepunti0 : = -9.8099093185577E+15
v=v_elettrone : = 10800504.621638
x0= : -1.4545493119229E-12
y0= : -1.8129440925914E-12
*****
i=28851
k(28851)=0.99951221933201
kQ(28851)=0.999024676594
r1= : 2.3265210310428E-12
rpunto1: = 9362554.5859645
rduepunti0 : = -3.442173974989E+25
fil : = 487.84204925605
fipunto1 : = 2.3056496168419E+18
fi_gradi : = 27951.290491385
t1 : = 1.0808826203246E-14
tpunto1 : = 1.0015740969244
tduepunti0 : = -9.7963955092118E+15
v=v_elettrone : = 10795735.028897
x0= : -1.4547456046695E-12
y0= : -1.8141954597193E-12
*****
i=28852
k(28852)=0.99951263965988
kQ(28852)=0.99902551683986
r1= : 2.3276190592108E-12
rpunto1: = 9358520.7738345
rduepunti0 : = -3.4395097826237E+25
fil : = 487.84231965963
fipunto1 : = 2.3034732615102E+18
fi_gradi : = 27951.305984369
t1 : = 1.080882632071E-14
tpunto1 : = 1.0015729495974
tduepunti0 : = -9.7829101464103E+15
v=v_elettrone : = 10790969.896127
x0= : -1.454941494875E-12
y0= : -1.8154463237383E-12
```

```
*****
i=28853
k(28853)=0.99951305948157
kQ(28853)=0.9990263560742
r1= : 2.3287166142987E-12
rpunto1: = 9354490.0814384
rduepunti0 : = -3.436849679643E+25
fil : = 487.84258980796
fipunto1 : = 2.3013009225376E+18
fi_gradi : = 27951.321462728
t1 : = 1.0808826438173E-14
tpunto1 : = 1.0015718038487
tduepunti0 : = -9.7694531486589E+15
v=v_elettrone : = 10786209.215879
x0= : -1.4551369830554E-12
y0= : -1.8166966850154E-12
*****
i=28854
k(28854)=0.99951347879799
kQ(28854)=0.99902719429886
r1= : 2.3298136966722E-12
rpunto1: = 9350462.5039905
rduepunti0 : = -3.434193657374E+25
fil : = 487.84285970153
fipunto1 : = 2.2991325894198E+18
fi_gradi : = 27951.33692649
t1 : = 1.0808826555636E-14
tpunto1 : = 1.0015706596749
tduepunti0 : = -9.7560244347574E+15
v=v_elettrone : = 10781452.980661
x0= : -1.4553320697252E-12
y0= : -1.8179465439171E-12
*****
i=28855
k(28855)=0.99951389761007
kQ(28855)=0.99902803151567
r1= : 2.3309103066968E-12
rpunto1: = 9346438.0367153
rduepunti0 : = -3.4315417071668E+25
fil : = 487.84312934079
fipunto1 : = 2.2969682516886E+18
fi_gradi : = 27951.352375682
t1 : = 1.0808826673099E-14
tpunto1 : = 1.0015695170727
tduepunti0 : = -9.7426239237984E+15
v=v_elettrone : = 10776701.182436
x0= : -1.4555267553982E-12
y0= : -1.8191959008094E-12
*****
i=28856
k(28856)=0.99951431591871
kQ(28856)=0.99902886772645
r1= : 2.332006444737E-12
rpunto1: = 9342416.674847
rduepunti0 : = -3.4288938203944E+25
fil : = 487.84339872623
fipunto1 : = 2.2948078989108E+18
fi_gradi : = 27951.367810331
t1 : = 1.0808826790561E-14
tpunto1 : = 1.0015683760388
tduepunti0 : = -9.7292515351658E+15
v=v_elettrone : = 10771953.8131
x0= : -1.4557210405868E-12
y0= : -1.8204447560578E-12
```

```
*****
i=28857
k(28857)=0.99951473372484
kQ(28857)=0.99902970293304
r1= : 2.3331021111572E-12
rpunto1: = 9338398.4136302
rduepunti0 : = -3.4262499884526E+25
fil : = 487.8436678583
fipunto1 : = 2.2926515206887E+18
fi_gradi : = 27951.383230462
t1 : = 1.0808826908024E-14
tpunto1 : = 1.0015672365699
tduepunti0 : = -9.715907188534E+15
v=v_elettrone : = 10767210.865137
x0= : -1.4559149258025E-12
y0= : -1.8216931100271E-12
*****
i=28858
k(28858)=0.99951515102935
kQ(28858)=0.99903053713723
r1= : 2.334197306321E-12
rpunto1: = 9334383.2483197
rduepunti0 : = -3.4236102027599E+25
fil : = 487.84393673747
fipunto1 : = 2.2904991066596E+18
fi_gradi : = 27951.398636104
t1 : = 1.0808827025487E-14
tpunto1 : = 1.0015660986628
tduepunti0 : = -9.7025908038662E+15
v=v_elettrone : = 10762472.330417
x0= : -1.456108411556E-12
y0= : -1.822940963082E-12
*****
i=28859
k(28859)=0.99951556783317
kQ(28859)=0.99903137034086
r1= : 2.3352920305914E-12
rpunto1: = 9330371.1741799
rduepunti0 : = -3.4209744547573E+25
fil : = 487.84420536422
fipunto1 : = 2.2883506464959E+18
fi_gradi : = 27951.414027283
t1 : = 1.0808827142949E-14
tpunto1 : = 1.001564962314
tduepunti0 : = -9.6893023014134E+15
v=v_elettrone : = 10757738.201357
x0= : -1.4563014983565E-12
y0= : -1.824188315586E-12
*****
i=28860
k(28860)=0.99951598413718
kQ(28860)=0.99903220254572
r1= : 2.336386284331E-12
rpunto1: = 9326362.1864856
rduepunti0 : = -3.4183427359086E+25
fil : = 487.84447373899
fipunto1 : = 2.2862061299047E+18
fi_gradi : = 27951.429404025
t1 : = 1.0808827260411E-14
tpunto1 : = 1.0015638275205
tduepunti0 : = -9.676041601713E+15
v=v_elettrone : = 10753008.470364
x0= : -1.4564941867126E-12
y0= : -1.8254351679027E-12
```

```
*****
i=28861
k(28861)=0.9995163999423
kQ(28861)=0.99903303375363
r1= : 2.3374800679018E-12
rpunto1: = 9322356.2805215
rduepunti0 : = -3.4157150376998E+25
fil : = 487.84474186226
fipunto1 : = 2.2840655466278E+18
fi_gradi : = 27951.444766356
t1 : = 1.0808827377873E-14
tpunto1 : = 1.001562694279
tduepunti0 : = -9.6628086255878E+15
v=v_elettrone : = 10748283.128683
x0= : -1.4566864771315E-12
y0= : -1.8266815203949E-12
*****
i=28862
k(28862)=0.99951681524943
kQ(28862)=0.99903386396637
r1= : 2.3385733816651E-12
rpunto1: = 9318353.4515821
rduepunti0 : = -3.4130913516397E+25
fil : = 487.84500973448
fipunto1 : = 2.2819288864416E+18
fi_gradi : = 27951.460114304
t1 : = 1.0808827495335E-14
tpunto1 : = 1.0015615625861
tduepunti0 : = -9.6496032941445E+15
v=v_elettrone : = 10743562.1698
x0= : -1.4568783701197E-12
y0= : -1.8279273734247E-12
*****
i=28863
k(28863)=0.99951723005947
kQ(28863)=0.99903469318575
r1= : 2.3396662259819E-12
rpunto1: = 9314353.6949719
rduepunti0 : = -3.4104716692593E+25
fil : = 487.84527735612
fipunto1 : = 2.2797961391569E+18
fi_gradi : = 27951.475447895
t1 : = 1.0808827612797E-14
tpunto1 : = 1.0015604324387
tduepunti0 : = -9.6364255287724E+15
v=v_elettrone : = 10738845.586058
x0= : -1.4570698661824E-12
y0= : -1.829172727354E-12
*****
i=28864
k(28864)=0.9995176443733
kQ(28864)=0.99903552141356
r1= : 2.3407586012125E-12
rpunto1: = 9310357.0060055
rduepunti0 : = -3.4078559821117E+25
fil : = 487.84554472763
fipunto1 : = 2.2776672946188E+18
fi_gradi : = 27951.490767154
t1 : = 1.0808827730259E-14
tpunto1 : = 1.0015593038336
tduepunti0 : = -9.6232752511428E+15
v=v_elettrone : = 10734133.368633
x0= : -1.4572609658239E-12
y0= : -1.8304175825441E-12
```



```
*****
i=28865
k(28865)=0.99951805819184
kQ(28865)=0.99903634865158
r1= : 2.3418505077166E-12
rpunto1: = 9306363.380007
rduepunti0 : = -3.4052442817726E+25
fil : = 487.84581184947
fipunto1 : = 2.2755423427062E+18
fi_gradi : = 27951.506072108
t1 : = 1.080882784772E-14
tpunto1 : = 1.0015581767674
tduepunti0 : = -9.6101523832068E+15
v=v_elettrone : = 10729425.510405
x0= : -1.4574516695474E-12
y0= : -1.8316619393556E-12
*****
i=28866
k(28866)=0.99951847151596
kQ(28866)=0.9990371749016
r1= : 2.3429419458535E-12
rpunto1: = 9302372.8123108
rduepunti0 : = -3.4026365598395E+25
fil : = 487.84607872211
fipunto1 : = 2.2734212733325E+18
fi_gradi : = 27951.521362784
t1 : = 1.0808827965182E-14
tpunto1 : = 1.0015570512372
tduepunti0 : = -9.5970568471952E+15
v=v_elettrone : = 10724722.00363
x0= : -1.4576419778552E-12
y0= : -1.8329057981486E-12
*****
i=28867
k(28867)=0.99951888434656
kQ(28867)=0.9990380001654
r1= : 2.3440329159818E-12
rpunto1: = 9298385.2982608
rduepunti0 : = -3.4000328079324E+25
fil : = 487.84634534598
fipunto1 : = 2.2713040764445E+18
fi_gradi : = 27951.536639206
t1 : = 1.0808828082643E-14
tpunto1 : = 1.0015559272395
tduepunti0 : = -9.5839885656163E+15
v=v_elettrone : = 10720022.841145
x0= : -1.4578318912486E-12
y0= : -1.8341491592829E-12
*****
i=28868
k(28868)=0.99951929668453
kQ(28868)=0.99903882444474
r1= : 2.3451234184597E-12
rpunto1: = 9294400.8332109
rduepunti0 : = -3.397433017693E+25
fil : = 487.84661172156
fipunto1 : = 2.2691907420229E+18
fi_gradi : = 27951.551901403
t1 : = 1.0808828200104E-14
tpunto1 : = 1.0015548047713
tduepunti0 : = -9.5709474612554E+15
v=v_elettrone : = 10715328.015167
x0= : -1.4580214102277E-12
y0= : -1.8353920231176E-12
```

```
*****
i=28869
k(28869)=0.99951970853075
kQ(28869)=0.9990396477414
r1= : 2.3462134536447E-12
rpunto1 : = 9290419.4125245
rduepunti0 : = -3.3948371807851E+25
fil : = 487.84687784928
fipunto1 : = 2.2670812600819E+18
fi_gradi : = 27951.567149398
t1 : = 1.0808828317565E-14
tpunto1 : = 1.0015536838293
tduepunti0 : = -9.5579334571732E+15
v=v_elettrone : = 10710637.517365
x0= : -1.4582105352916E-12
y0= : -1.8366343900114E-12
*****
i=28870
k(28870)=0.99952011988611
kQ(28870)=0.99904047005715
r1= : 2.3473030218939E-12
rpunto1 : = 9286441.0315751
rduepunti0 : = -3.3922452888944E+25
fil : = 487.84714372961
fipunto1 : = 2.2649756206691E+18
fi_gradi : = 27951.582383219
t1 : = 1.0808828435026E-14
tpunto1 : = 1.0015525644105
tduepunti0 : = -9.5449464767047E+15
v=v_elettrone : = 10705951.34105
x0= : -1.4583992669386E-12
y0= : -1.8378762603223E-12
*****
i=28871
k(28871)=0.99952053075149
kQ(28871)=0.99904129139374
r1= : 2.3483921235638E-12
rpunto1 : = 9282465.6857457
rduepunti0 : = -3.3896573337284E+25
fil : = 487.84740936299
fipunto1 : = 2.2628738138656E+18
fi_gradi : = 27951.59760289
t1 : = 1.0808828552487E-14
tpunto1 : = 1.0015514465116
tduepunti0 : = -9.5319864434584E+15
v=v_elettrone : = 10701269.478409
x0= : -1.4585876056659E-12
y0= : -1.8391176344079E-12
*****
i=28872
k(28872)=0.99952094112776
kQ(28872)=0.99904211175293
r1= : 2.3494807590103E-12
rpunto1 : = 9278493.370429
rduepunti0 : = -3.3870733070164E+25
fil : = 487.84767474988
fipunto1 : = 2.2607758297852E+18
fi_gradi : = 27951.612808439
t1 : = 1.0808828669948E-14
tpunto1 : = 1.0015503301294
tduepunti0 : = -9.5190532813145E+15
v=v_elettrone : = 10696591.921583
x0= : -1.4587755519695E-12
y0= : -1.8403585126253E-12
```

```
*****
i=28873
k(28873)=0.99952135101581
kQ(28873)=0.99904293113648
r1= : 2.3505689285889E-12
rpunto1: = 9274524.0810276
rduepunti0 : = -3.3844932005094E+25
fil : = 487.84793989071
fipunto1 : = 2.2586816585753E+18
fi_gradi : = 27951.62799989
t1 : = 1.0808828787408E-14
tpunto1 : = 1.001549215261
tduepunti0 : = -9.5061469144243E+15
v=v_elettrone : = 10691918.663287
x0= : -1.4589631063447E-12
y0= : -1.8415988953311E-12
*****
i=28874
k(28874)=0.99952176041651
kQ(28874)=0.99904374954613
r1= : 2.3516566326544E-12
rpunto1: = 9270557.8129534
rduepunti0 : = -3.3819170059799E+25
fil : = 487.84820478594
fipunto1 : = 2.2565912904156E+18
fi_gradi : = 27951.643177269
t1 : = 1.0808828904868E-14
tpunto1 : = 1.001548101903
tduepunti0 : = -9.4932672672085E+15
v=v_elettrone : = 10687249.696196
x0= : -1.4591502692856E-12
y0= : -1.8428387828812E-12
*****
i=28875
k(28875)=0.99952216933074
kQ(28875)=0.99904456698362
r1= : 2.3527438715611E-12
rpunto1: = 9266594.5616282
rduepunti0 : = -3.3793447152223E+25
fil : = 487.84846943602
fipunto1 : = 2.254504715519E+18
fi_gradi : = 27951.658340601
t1 : = 1.0808829022329E-14
tpunto1 : = 1.0015469900524
tduepunti0 : = -9.4804142643565E+15
v=v_elettrone : = 10682585.012966
x0= : -1.4593370412855E-12
y0= : -1.8440781756313E-12
*****
i=28876
k(28876)=0.99952257775935
kQ(28876)=0.9990453834507
r1= : 2.353830645663E-12
rpunto1: = 9262634.3224833
rduepunti0 : = -3.3767763200521E+25
fil : = 487.84873384139
fipunto1 : = 2.2524219241307E+18
fi_gradi : = 27951.673489913
t1 : = 1.0808829139789E-14
tpunto1 : = 1.001545879706
tduepunti0 : = -9.4675878308252E+15
v=v_elettrone : = 10677924.605116
x0= : -1.4595234228362E-12
y0= : -1.8453170739363E-12
```

```

*****
i=28877
k(28877)=0.99952298570323
kQ(28877)=0.9990461989491
r1= : 2.3549169553131E-12
rpunto1 : = 9258677.0909596
rduepunti0 : = -3.3742118123066E+25
fil : = 487.84899800249
fipunto1 : = 2.2503429065286E+18
fi_gradi : = 27951.688625229
t1 : = 1.0808829257249E-14
tpunto1 : = 1.0015447708609
tduepunti0 : = -9.4547878918375E+15
v=v_elettrone : = 10673268.466395
x0= : -1.4597094144293E-12
y0= : -1.8465554781507E-12
*****
i=28878
k(28878)=0.99952339316324
kQ(28878)=0.99904701348056
r1= : 2.3560028008643E-12
rpunto1 : = 9254722.8625075
rduepunti0 : = -3.3716511838443E+25
fil : = 487.84926191976
fipunto1 : = 2.2482676530227E+18
fi_gradi : = 27951.703746575
t1 : = 1.0808829374709E-14
tpunto1 : = 1.0015436635138
tduepunti0 : = -9.4420143728816E+15
v=v_elettrone : = 10668616.588282
x0= : -1.4598950165548E-12
y0= : -1.8477933886286E-12
*****
i=28879
k(28879)=0.99952380014025
kQ(28879)=0.9990478270468
r1= : 2.3570881826688E-12
rpunto1 : = 9250771.6325869
rduepunti0 : = -3.369094426545E+25
fil : = 487.84952559366
fipunto1 : = 2.2461961539555E+18
fi_gradi : = 27951.718853976
t1 : = 1.0808829492168E-14
tpunto1 : = 1.0015425576616
tduepunti0 : = -9.4292671997096E+15
v=v_elettrone : = 10663968.964483
x0= : -1.460080229702E-12
y0= : -1.8490308057233E-12
*****
i=28880
k(28880)=0.99952420663511
kQ(28880)=0.99904863964954
r1= : 2.3581731010782E-12
rpunto1 : = 9246823.3966673
rduepunti0 : = -3.3665415323097E+25
fil : = 487.84978902461
fipunto1 : = 2.2441283997014E+18
fi_gradi : = 27951.733947458
t1 : = 1.0808829609628E-14
tpunto1 : = 1.0015414533014
tduepunti0 : = -9.4165462983365E+15
v=v_elettrone : = 10659325.587003
x0= : -1.460265054359E-12
y0= : -1.850267729788E-12

```

```
*****
i=28881
k(28881)=0.99952461264869
kQ(28881)=0.99904945129051
r1= : 2.3592575564436E-12
rpunto1 : = 9242878.1502277
rduepunti0 : = -3.3639924930608E+25
fil : = 487.85005221305
fipunto1 : = 2.2420643806668E+18
fi_gradi : = 27951.749027045
t1 : = 1.0808829727088E-14
tpunto1 : = 1.00154035043
tduepunti0 : = -9.4038515950388E+15
v=v_elettrone : = 10654686.448387
x0= : -1.4604494910131E-12
y0= : -1.851504161175E-12
*****
i=28882
k(28882)=0.99952501818184
kQ(28882)=0.99905026197141
r1= : 2.3603415491157E-12
rpunto1 : = 9238935.8887564
rduepunti0 : = -3.3614473007416E+25
fil : = 487.85031515943
fipunto1 : = 2.2400040872899E+18
fi_gradi : = 27951.764092763
t1 : = 1.0808829844547E-14
tpunto1 : = 1.0015392490443
tduepunti0 : = -9.3911830163539E+15
v=v_elettrone : = 10650051.541163
x0= : -1.4606335401506E-12
y0= : -1.8527401002362E-12
*****
i=28883
k(28883)=0.99952542323543
kQ(28883)=0.99905107169396
r1= : 2.3614250794445E-12
rpunto1 : = 9234996.6077511
rduepunti0 : = -3.3589059473166E+25
fil : = 487.85057786419
fipunto1 : = 2.2379475100406E+18
fi_gradi : = 27951.779144636
t1 : = 1.0808829962006E-14
tpunto1 : = 1.0015381491413
tduepunti0 : = -9.3785404890786E+15
v=v_elettrone : = 10645420.858404
x0= : -1.4608172022568E-12
y0= : -1.8539755473232E-12
*****
i=28884
k(28884)=0.9995258278103
kQ(28884)=0.99905188045987
r1= : 2.3625081477796E-12
rpunto1 : = 9231060.3027191
rduepunti0 : = -3.3563684247712E+25
fil : = 487.85084032775
fipunto1 : = 2.2358946394204E+18
fi_gradi : = 27951.794182691
t1 : = 1.0808830079465E-14
tpunto1 : = 1.001537050718
tduepunti0 : = -9.3659239402681E+15
v=v_elettrone : = 10640794.393161
x0= : -1.461000477816E-12
y0= : -1.8552105027869E-12
```

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*****
i=28885
k(28885)=0.99952623190732
kQ(28885)=0.99905268827084
r1= : 2.3635907544699E-12
rpunto1 : = 9227126.969177
rduepunti0 : = -3.3538347251118E+25
fil : = 487.85110255055
fipunto1 : = 2.2338454659622E+18
fi_gradi : = 27951.80920695
t1 : = 1.0808830196924E-14
tpunto1 : = 1.0015359537713
tduepunti0 : = -9.3533332972348E+15
v=v_elettrone : = 10636172.136782
x0= : -1.4611833673116E-12
y0= : -1.8564449669777E-12
*****
i=28886
k(28886)=0.99952663552732
kQ(28886)=0.99905349512856
r1= : 2.3646728998641E-12
rpunto1 : = 9223196.6026507
rduepunti0 : = -3.3513048403656E+25
fil : = 487.85136453303
fipunto1 : = 2.2317999802303E+18
fi_gradi : = 27951.824217441
t1 : = 1.0808830314383E-14
tpunto1 : = 1.0015348582982
tduepunti0 : = -9.3407684875475E+15
v=v_elettrone : = 10631554.083411
x0= : -1.4613658712259E-12
y0= : -1.8576789402455E-12
*****
i=28887
k(28887)=0.99952703867116
kQ(28887)=0.99905430103474
r1= : 2.36575458431E-12
rpunto1 : = 9219269.1986754
rduepunti0 : = -3.3487787625807E+25
fil : = 487.85162627561
fipunto1 : = 2.2297581728199E+18
fi_gradi : = 27951.839214186
t1 : = 1.0808830431842E-14
tpunto1 : = 1.0015337642956
tduepunti0 : = -9.3282294390299E+15
v=v_elettrone : = 10626940.224916
x0= : -1.4615479900404E-12
y0= : -1.8589124229399E-12
*****
i=28888
k(28888)=0.99952744133968
kQ(28888)=0.99905510599105
r1= : 2.3668358081551E-12
rpunto1 : = 9215344.7527956
rduepunti0 : = -3.3462564838258E+25
fil : = 487.85188777874
fipunto1 : = 2.2277200343577E+18
fi_gradi : = 27951.854197211
t1 : = 1.08088305493E-14
tpunto1 : = 1.0015326717606
tduepunti0 : = -9.31571607976E+15
v=v_elettrone : = 10622330.554279
x0= : -1.4617297242356E-12
y0= : -1.8601454154097E-12

```

```
*****
i=28889
k(28889)=0.99952784353373
kQ(28889)=0.9990559099992
r1= : 2.3679165717463E-12
rpunto1: = 9211423.2605652
rduepunti0 : = -3.3437379961903E+25
fil : = 487.85214904283
fipunto1 : = 2.225685555501E+18
fi_gradi : = 27951.869166541
t1 : = 1.0808830666759E-14
tpunto1 : = 1.0015315806901
tduepunti0 : = -9.3032283380685E+15
v=v_elettrone : = 10617725.064467
x0= : -1.4619110742909E-12
y0= : -1.8613779180034E-12
*****
i=28890
k(28890)=0.99952824525416
kQ(28890)=0.99905671306085
r1= : 2.36899687543E-12
rpunto1: = 9207504.7175473
rduepunti0 : = -3.3412232917845E+25
fil : = 487.85241006832
fipunto1 : = 2.2236547269379E+18
fi_gradi : = 27951.884122201
t1 : = 1.0808830784217E-14
tpunto1 : = 1.0015304910812
tduepunti0 : = -9.2907661425381E+15
v=v_elettrone : = 10613123.748416
x0= : -1.4620920406849E-12
y0= : -1.8626099310689E-12
*****
i=28891
k(28891)=0.99952864650179
kQ(28891)=0.9990575151777
r1= : 2.3700767195521E-12
rpunto1: = 9203589.1193142
rduepunti0 : = -3.3387123627388E+25
fil : = 487.85267085565
fipunto1 : = 2.2216275393874E+18
fi_gradi : = 27951.899064213
t1 : = 1.0808830901675E-14
tpunto1 : = 1.0015294029309
tduepunti0 : = -9.2783294220024E+15
v=v_elettrone : = 10608526.597929
x0= : -1.4622726238951E-12
y0= : -1.8638414549537E-12
*****
i=28892
k(28892)=0.99952904727747
kQ(28892)=0.9990583163514
r1= : 2.371156104458E-12
rpunto1: = 9199676.4614474
rduepunti0 : = -3.3362052012045E+25
fil : = 487.85293140522
fipunto1 : = 2.2196039835989E+18
fi_gradi : = 27951.913992604
t1 : = 1.0808831019133E-14
tpunto1 : = 1.0015283162361
tduepunti0 : = -9.2659181055446E+15
v=v_elettrone : = 10603933.607042
x0= : -1.4624528243983E-12
y0= : -1.8650724900047E-12
```

```
*****
i=28893
k(28893)=0.99952944758203
kQ(28893)=0.99905911658364
r1= : 2.3722350304925E-12
rpunto1: = 9195766.7395375
rduepunti0 : = -3.3337017993531E+25
fil : = 487.85319171748
fipunto1 : = 2.2175840503523E+18
fi_gradi : = 27951.928907398
t1 : = 1.0808831136591E-14
tpunto1 : = 1.0015272309939
tduepunti0 : = -9.2535321224968E+15
v=v_elettrone : = 10599344.768079
x0= : -1.4626326426701E-12
y0= : -1.8663030365683E-12
*****
i=28894
k(28894)=0.99952984741632
kQ(28894)=0.99905991587609
r1= : 2.3733134979999E-12
rpunto1: = 9191859.9491845
rduepunti0 : = -3.3312021493765E+25
fil : = 487.85345179284
fipunto1 : = 2.2155677304578E+18
fi_gradi : = 27951.943808618
t1 : = 1.0808831254049E-14
tpunto1 : = 1.0015261472014
tduepunti0 : = -9.2411714024386E+15
v=v_elettrone : = 10594760.073919
x0= : -1.4628120791853E-12
y0= : -1.8675330949906E-12
*****
i=28895
k(28895)=0.99953024678115
kQ(28895)=0.99906071423039
r1= : 2.374391507324E-12
rpunto1: = 9187956.0859973
rduepunti0 : = -3.328706243487E+25
fil : = 487.85371163172
fipunto1 : = 2.2135550147558E+18
fi_gradi : = 27951.95869629
t1 : = 1.0808831371507E-14
tpunto1 : = 1.0015250648556
tduepunti0 : = -9.2288358751963E+15
v=v_elettrone : = 10590179.517414
x0= : -1.4629911344177E-12
y0= : -1.8687626656169E-12
*****
i=28896
k(28896)=0.99953064567737
kQ(28896)=0.99906151164821
r1= : 2.3754690588081E-12
rpunto1: = 9184055.145594
rduepunti0 : = -3.326214073917E+25
fil : = 487.85397123456
fipunto1 : = 2.2115458941166E+18
fi_gradi : = 27951.973570437
t1 : = 1.0808831488964E-14
tpunto1 : = 1.0015239839536
tduepunti0 : = -9.2165254708418E+15
v=v_elettrone : = 10585603.091388
x0= : -1.46316980884E-12
y0= : -1.8699917487923E-12
```



```
*****
i=28897
k(28897)=0.99953104410579
kQ(28897)=0.99906230813121
r1= : 2.3765461527951E-12
rpunto1 : = 9180157.1236018
rduepunti0 : = -3.3237256329192E+25
fil : = 487.85423060178
fipunto1 : = 2.2095403594407E+18
fi_gradi : = 27951.988431084
t1 : = 1.0808831606422E-14
tpunto1 : = 1.0015229044923
tduepunti0 : = -9.2042401196913E+15
v=v_elettrone : = 10581030.788682
x0= : -1.4633481029244E-12
y0= : -1.8712203448612E-12
*****
i=28898
k(28898)=0.99953144206725
kQ(28898)=0.99906310368104
r1= : 2.3776227896271E-12
rpunto1 : = 9176262.0156569
rduepunti0 : = -3.3212409127664E+25
fil : = 487.85448973378
fipunto1 : = 2.2075384016584E+18
fi_gradi : = 27952.003278254
t1 : = 1.0808831723879E-14
tpunto1 : = 1.0015218264689
tduepunti0 : = -9.1919797523048E+15
v=v_elettrone : = 10576462.602077
x0= : -1.4635260171417E-12
y0= : -1.8724484541676E-12
*****
i=28899
k(28899)=0.99953183956257
kQ(28899)=0.99906389829933
r1= : 2.378698969646E-12
rpunto1 : = 9172369.8174046
rduepunti0 : = -3.3187599057515E+25
fil : = 487.854748631
fipunto1 : = 2.2055400117295E+18
fi_gradi : = 27952.018111972
t1 : = 1.0808831841336E-14
tpunto1 : = 1.0015207498805
tduepunti0 : = -9.1797442994846E+15
v=v_elettrone : = 10571898.525516
x0= : -1.4637035519622E-12
y0= : -1.8736760770548E-12
*****
i=28900
k(28900)=0.99953223659257
kQ(28900)=0.99906469198775
r1= : 2.379774693193E-12
rpunto1 : = 9168480.5244992
rduepunti0 : = -3.3162826041874E+25
fil : = 487.85500729385
fipunto1 : = 2.2035451806436E+18
fi_gradi : = 27952.032932262
t1 : = 1.0808831958793E-14
tpunto1 : = 1.0015196747241
tduepunti0 : = -9.1675336922746E+15
v=v_elettrone : = 10567338.551176
x0= : -1.4638807078548E-12
y0= : -1.8749032138661E-12
```

```
*****
i=28901
k(28901)=0.99953263315807
kQ(28901)=0.99906548474791
r1= : 2.3808499606087E-12
rpunto1 : = 9164594.132604
rduepunti0 : = -3.3138090004069E+25
fil : = 487.85526572275
fipunto1 : = 2.2015538994197E+18
fi_gradi : = 27952.047739147
t1 : = 1.080883207625E-14
tpunto1 : = 1.0015186009969
tduepunti0 : = -9.1553478619591E+15
v=v_elettrone : = 10562782.67182
x0= : -1.4640574852877E-12
y0= : -1.8761298649439E-12
*****
i=28902
k(28902)=0.9995330292599
kQ(28902)=0.99906627658147
r1= : 2.3819247722335E-12
rpunto1 : = 9160710.6373913
rduepunti0 : = -3.3113390867626E+25
fil : = 487.85552391812
fipunto1 : = 2.199566159106E+18
fi_gradi : = 27952.062532652
t1 : = 1.0808832193707E-14
tpunto1 : = 1.0015175286959
tduepunti0 : = -9.1431867400617E+15
v=v_elettrone : = 10558230.880738
x0= : -1.4642338847284E-12
y0= : -1.8773560306302E-12
*****
i=28903
k(28903)=0.99953342489886
kQ(28903)=0.99906706749004
r1= : 2.382999128407E-12
rpunto1 : = 9156830.0345422
rduepunti0 : = -3.3088728556271E+25
fil : = 487.85578188036
fipunto1 : = 2.1975819507803E+18
fi_gradi : = 27952.0773128
t1 : = 1.0808832311164E-14
tpunto1 : = 1.0015164578183
tduepunti0 : = -9.1310502583447E+15
v=v_elettrone : = 10553683.171219
x0= : -1.464409906643E-12
y0= : -1.8785817112666E-12
*****
i=28904
k(28904)=0.99953382007577
kQ(28904)=0.99906785747526
r1= : 2.3840730294685E-12
rpunto1 : = 9152952.3197469
rduepunti0 : = -3.3064102993928E+25
fil : = 487.8560396099
fipunto1 : = 2.1956012655492E+18
fi_gradi : = 27952.092079614
t1 : = 1.080883242862E-14
tpunto1 : = 1.0015153883611
tduepunti0 : = -9.1189383488075E+15
v=v_elettrone : = 10549139.535965
x0= : -1.4645855514972E-12
y0= : -1.879806907194E-12
```

```
*****
i=28905
k(28905)=0.99953421479145
kQ(28905)=0.99906864653875
r1= : 2.3851464757567E-12
rpunto1 : = 9149077.4887044
rduepunti0 : = -3.3039514104716E+25
fil : = 487.85629710715
fipunto1 : = 2.1936240945484E+18
fi_gradi : = 27952.10683312
t1 : = 1.0808832546076E-14
tpunto1 : = 1.0015143203215
tduepunti0 : = -9.1068509436863E+15
v=v_elettrone : = 10544599.968209
x0= : -1.4647608197552E-12
y0= : -1.8810316187532E-12
*****
i=28906
k(28906)=0.9995346090467
kQ(28906)=0.99906943468213
r1= : 2.3862194676098E-12
rpunto1 : = 9145205.5371225
rduepunti0 : = -3.3014961812951E+25
fil : = 487.85655437252
fipunto1 : = 2.1916504289425E+18
fi_gradi : = 27952.12157334
t1 : = 1.0808832663533E-14
tpunto1 : = 1.0015132536967
tduepunti0 : = -9.0947879754524E+15
v=v_elettrone : = 10540064.46063
x0= : -1.4649357118809E-12
y0= : -1.8822558462841E-12
*****
i=28907
k(28907)=0.99953500284233
kQ(28907)=0.99907022190702
r1= : 2.3872920053654E-12
rpunto1 : = 9141336.4607182
rduepunti0 : = -3.2990446043147E+25
fil : = 487.85681140641
fipunto1 : = 2.1896802599248E+18
fi_gradi : = 27952.136300297
t1 : = 1.0808832780989E-14
tpunto1 : = 1.0015121884837
tduepunti0 : = -9.0827493768119E+15
v=v_elettrone : = 10535533.007003
x0= : -1.4651102283369E-12
y0= : -1.8834795901264E-12
*****
i=28908
k(28908)=0.99953539617916
kQ(28908)=0.99907100821502
r1= : 2.3883640893609E-12
rpunto1 : = 9137470.2552168
rduepunti0 : = -3.296596672001E+25
fil : = 487.85706820925
fipunto1 : = 2.1877135787174E+18
fi_gradi : = 27952.151014016
t1 : = 1.0808832898445E-14
tpunto1 : = 1.0015111246797
tduepunti0 : = -9.070735080704E+15
v=v_elettrone : = 10531005.599963
x0= : -1.4652843695848E-12
y0= : -1.8847028506192E-12
```

```
*****
i=28909
k(28909)=0.99953578905798
kQ(28909)=0.99907179360775
r1= : 2.3894357199327E-12
rpunto1: = 9133606.9163529
rduepunti0 : = -3.2941523768444E+25
fil : = 487.85732478144
fipunto1 : = 2.1857503765709E+18
fi_gradi : = 27952.16571452
t1 : = 1.0808833015901E-14
tpunto1 : = 1.001510062282
tduepunti0 : = -9.0587450203009E+15
v=v_elettrone : = 10526482.232109
x0= : -1.4654581360857E-12
y0= : -1.8859256281012E-12
*****
i=28910
k(28910)=0.9995361814796
kQ(28910)=0.99907257808681
r1= : 2.3905068974173E-12
rpunto1: = 9129746.4398696
rduepunti0 : = -3.2917117113545E+25
fil : = 487.85758112339
fipunto1 : = 2.1837906447641E+18
fi_gradi : = 27952.180401832
t1 : = 1.0808833133357E-14
tpunto1 : = 1.0015090012875
tduepunti0 : = -9.0467791290058E+15
v=v_elettrone : = 10521962.89776
x0= : -1.4656315282996E-12
y0= : -1.8871479229103E-12
*****
i=28911
k(28911)=0.99953657344481
kQ(28911)=0.9990733616538
r1= : 2.3915776221502E-12
rpunto1: = 9125888.8215188
rduepunti0 : = -3.2892746680603E+25
fil : = 487.85783723551
fipunto1 : = 2.1818343746045E+18
fi_gradi : = 27952.195075975
t1 : = 1.0808833250812E-14
tpunto1 : = 1.0015079416936
tduepunti0 : = -9.0348373404529E+15
v=v_elettrone : = 10517447.58949
x0= : -1.4658045466853E-12
y0= : -1.8883697353845E-12
*****
i=28912
k(28912)=0.99953696495443
kQ(28912)=0.99907414431031
r1= : 2.3926478944667E-12
rpunto1: = 9122034.0570612
rduepunti0 : = -3.2868412395101E+25
fil : = 487.85809311819
fipunto1 : = 2.1798815574276E+18
fi_gradi : = 27952.209736973
t1 : = 1.0808833368268E-14
tpunto1 : = 1.0015068834974
tduepunti0 : = -9.0229195885057E+15
v=v_elettrone : = 10512936.300429
x0= : -1.4659771917012E-12
y0= : -1.889591065861E-12
```

```
*****
i=28913
k(28913)=0.99953735600924
kQ(28913)=0.99907492605794
r1= : 2.3937177147014E-12
rpunto1 : = 9118182.1422662
rduepunti0 : = -3.2844114182716E+25
fil : = 487.85834877185
fipunto1 : = 2.1779321845969E+18
fi_gradi : = 27952.224384848
t1 : = 1.0808833485723E-14
tpunto1 : = 1.001505826696
tduepunti0 : = -9.0110258072566E+15
v=v_elettrone : = 10508429.023106
x0= : -1.4661494638045E-12
y0= : -1.8908119146763E-12
*****
i=28914
k(28914)=0.99953774661004
kQ(28914)=0.99907570689828
r1= : 2.3947870831886E-12
rpunto1 : = 9114333.0729119
rduepunti0 : = -3.2819851969313E+25
fil : = 487.85860419689
fipunto1 : = 2.175986247504E+18
fi_gradi : = 27952.239019625
t1 : = 1.0808833603179E-14
tpunto1 : = 1.0015047712868
tduepunti0 : = -8.9991559310255E+15
v=v_elettrone : = 10503925.752359
x0= : -1.4663213634516E-12
y0= : -1.8920322821667E-12
*****
i=28915
k(28915)=0.99953813675763
kQ(28915)=0.99907648683292
r1= : 2.395856000262E-12
rpunto1 : = 9110486.8447851
rduepunti0 : = -3.2795625680953E+25
fil : = 487.85885939372
fipunto1 : = 2.1740437375683E+18
fi_gradi : = 27952.253641326
t1 : = 1.0808833720634E-14
tpunto1 : = 1.0015037172668
tduepunti0 : = -8.9873098943592E+15
v=v_elettrone : = 10499426.479534
x0= : -1.4664928910978E-12
y0= : -1.8932521686682E-12
*****
i=28916
k(28916)=0.9995385264528
kQ(28916)=0.99907726586343
r1= : 2.3969244662548E-12
rpunto1 : = 9106643.4536811
rduepunti0 : = -3.2771435243883E+25
fil : = 487.85911436272
fipunto1 : = 2.1721046462372E+18
fi_gradi : = 27952.268249974
t1 : = 1.0808833838089E-14
tpunto1 : = 1.0015026646334
tduepunti0 : = -8.9754876320302E+15
v=v_elettrone : = 10494931.199429
x0= : -1.466664047198E-12
y0= : -1.8944715745158E-12
```

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*****
i=28917
k(28917)=0.99953891569633
kQ(28917)=0.99907804399139
r1= : 2.3979924814997E-12
rpunto1: = 9102802.8954039
rduepunti0 : = -3.2747280584544E+25
fil : = 487.85936910432
fipunto1 : = 2.1701689649854E+18
fi_gradi : = 27952.282845593
t1 : = 1.0808833955544E-14
tpunto1 : = 1.0015016133836
tduepunti0 : = -8.963689079036E+15
v=v_elettrone : = 10490439.904501
x0= : -1.4668348322057E-12
y0= : -1.8956905000445E-12
*****
i=28918
k(28918)=0.99953930448901
kQ(28918)=0.99907882121838
r1= : 2.3990600463289E-12
rpunto1: = 9098965.1657664
rduepunti0 : = -3.2723161629565E+25
fil : = 487.8596236189
fipunto1 : = 2.1682366853153E+18
fi_gradi : = 27952.297428204
t1 : = 1.0808834072999E-14
tpunto1 : = 1.0015005635148
tduepunti0 : = -8.9519141705979E+15
v=v_elettrone : = 10485952.588372
x0= : -1.4670052465737E-12
y0= : -1.8969089455887E-12
*****
i=28919
k(28919)=0.99953969283164
kQ(28919)=0.99907959754597
r1= : 2.4001271610742E-12
rpunto1: = 9095130.2605895
rduepunti0 : = -3.2699078305764E+25
fil : = 487.85987790686
fipunto1 : = 2.1663077987568E+18
fi_gradi : = 27952.311997831
t1 : = 1.0808834190453E-14
tpunto1 : = 1.0014995150242
tduepunti0 : = -8.9401628421602E+15
v=v_elettrone : = 10481469.243469
x0= : -1.4671752907539E-12
y0= : -1.8981269114822E-12
*****
i=28920
k(28920)=0.99954008072499
kQ(28920)=0.99908037297572
r1= : 2.4011938260669E-12
rpunto1: = 9091298.1757032
rduepunti0 : = -3.2675030540146E+25
fil : = 487.86013196861
fipunto1 : = 2.164382296867E+18
fi_gradi : = 27952.326554497
t1 : = 1.0808834307908E-14
tpunto1 : = 1.001498467909
tduepunti0 : = -8.9284350293895E+15
v=v_elettrone : = 10476989.863947
x0= : -1.4673449651976E-12
y0= : -1.8993443980583E-12
```

```
*****
i=28921
k(28921)=0.99954046816985
kQ(28921)=0.9990811475092
r1= : 2.4022600416376E-12
rpunto1: = 9087468.9069457
rduepunti0 : = -3.2651018259906E+25
fil : = 487.86038580454
fipunto1 : = 2.1624601712302E+18
fi_gradi : = 27952.341098224
t1 : = 1.0808834425362E-14
tpunto1 : = 1.0014974221665
tduepunti0 : = -8.9167306681733E+15
v=v_elettrone : = 10472514.44337
x0= : -1.4675142703547E-12
y0= : -1.9005614056501E-12
*****
i=28922
k(28922)=0.99954085516699
kQ(28922)=0.99908192114796
r1= : 2.4033258081167E-12
rpunto1: = 9083642.4501639
rduepunti0 : = -3.2627041392426E+25
fil : = 487.86063941504
fipunto1 : = 2.160541413458E+18
fi_gradi : = 27952.355629036
t1 : = 1.0808834542817E-14
tpunto1 : = 1.0014963777939
tduepunti0 : = -8.9050496946195E+15
v=v_elettrone : = 10468042.974116
x0= : -1.4676832066746E-12
y0= : -1.9017779345901E-12
*****
i=28923
k(28923)=0.9995412417172
kQ(28923)=0.99908269389357
r1= : 2.4043911258339E-12
rpunto1: = 9079818.8012132
rduepunti0 : = -3.2603099865273E+25
fil : = 487.86089280052
fipunto1 : = 2.1586260151888E+18
fi_gradi : = 27952.370146954
t1 : = 1.0808834660271E-14
tpunto1 : = 1.0014953347885
tduepunti0 : = -8.8933920450552E+15
v=v_elettrone : = 10463575.450295
x0= : -1.4678517746058E-12
y0= : -1.9029939852103E-12
*****
i=28924
k(28924)=0.99954162782126
kQ(28924)=0.99908346574757
r1= : 2.4054559951186E-12
rpunto1: = 9075997.9559572
rduepunti0 : = -3.2579193606202E+25
fil : = 487.86114596136
fipunto1 : = 2.156713968088E+18
fi_gradi : = 27952.384652002
t1 : = 1.0808834777725E-14
tpunto1 : = 1.0014942931476
tduepunti0 : = -8.8817576560262E+15
v=v_elettrone : = 10459111.86483
x0= : -1.4680199745957E-12
y0= : -1.9042095578421E-12
```

```
*****
i=28925
k(28925)=0.99954201347993
kQ(28925)=0.99908423671152
r1= : 2.4065204162996E-12
rpunto1 : = 9072179.9102684
rduepunti0 : = -3.2555322543153E+25
fil : = 487.86139889795
fipunto1 : = 2.1548052638476E+18
fi_gradi : = 27952.399144201
t1 : = 1.0808834895179E-14
tpunto1 : = 1.0014932528684
tduepunti0 : = -8.8701464642955E+15
v=v_elettrone : = 10454652.211228
x0= : -1.468187807091E-12
y0= : -1.9054246528166E-12
*****
i=28926
k(28926)=0.999542398694
kQ(28926)=0.99908500678696
r1= : 2.4075843897051E-12
rpunto1 : = 9068364.6600273
rduepunti0 : = -3.2531486604252E+25
fil : = 487.8616516107
fipunto1 : = 2.1528998941867E+18
fi_gradi : = 27952.413623575
t1 : = 1.0808835012633E-14
tpunto1 : = 1.0014922139482
tduepunti0 : = -8.8585584068429E+15
v=v_elettrone : = 10450196.483536
x0= : -1.4683552725377E-12
y0= : -1.9066392704646E-12
*****
i=28927
k(28927)=0.99954278346423
kQ(28927)=0.99908577597542
r1= : 2.4086479156631E-12
rpunto1 : = 9064552.2011231
rduepunti0 : = -3.2507685717806E+25
fil : = 487.86190409998
fipunto1 : = 2.1509978508505E+18
fi_gradi : = 27952.428090145
t1 : = 1.0808835130086E-14
tpunto1 : = 1.0014911763844
tduepunti0 : = -8.846993420864E+15
v=v_elettrone : = 10445744.674066
x0= : -1.4685223713804E-12
y0= : -1.9078534111161E-12
*****
i=28928
k(28928)=0.99954316779139
kQ(28928)=0.99908654427845
r1= : 2.4097109945009E-12
rpunto1 : = 9060742.5294532
rduepunti0 : = -3.2483919812311E+25
fil : = 487.8621563662
fipunto1 : = 2.1490991256109E+18
fi_gradi : = 27952.442543935
t1 : = 1.080883524754E-14
tpunto1 : = 1.0014901401742
tduepunti0 : = -8.835451443769E+15
v=v_elettrone : = 10441296.776835
x0= : -1.4686891040634E-12
y0= : -1.9090670751008E-12
```



```
*****
i=28929
k(28929)=0.99954355167626
kQ(28929)=0.99908731169758
r1= : 2.4107736265454E-12
rpunto1: = 9056935.6409235
rduepunti0 : = -3.2460188816443E+25
fil : = 487.86240840974
fipunto1 : = 2.1472037102662E+18
fi_gradi : = 27952.456984966
t1 : = 1.0808835364993E-14
tpunto1 : = 1.0014891053149
tduepunti0 : = -8.8239324131824E+15
v=v_elettrone : = 10436852.784693
x0= : -1.4688554710299E-12
y0= : -1.9102802627479E-12
*****
i=28930
k(28930)=0.99954393511959
kQ(28930)=0.99908807823435
r1= : 2.4118358121229E-12
rpunto1: = 9053131.5314482
rduepunti0 : = -3.2436492659061E+25
fil : = 487.86266023098
fipunto1 : = 2.1453115966409E+18
fi_gradi : = 27952.47141326
t1 : = 1.0808835482447E-14
tpunto1 : = 1.0014880718039
tduepunti0 : = -8.8124362669415E+15
v=v_elettrone : = 10432412.692232
x0= : -1.4690214727224E-12
y0= : -1.9114929743861E-12
*****
i=28931
k(28931)=0.99954431812215
kQ(28931)=0.99908884389027
r1= : 2.4128975515595E-12
rpunto1: = 9049330.1969497
rduepunti0 : = -3.2412831269207E+25
fil : = 487.86291183032
fipunto1 : = 2.1434227765857E+18
fi_gradi : = 27952.485828841
t1 : = 1.08088355999E-14
tpunto1 : = 1.0014870396385
tduepunti0 : = -8.8009629430959E+15
v=v_elettrone : = 10427976.492244
x0= : -1.4691871095822E-12
y0= : -1.9127052103438E-12
*****
i=28932
k(28932)=0.9995447006847
kQ(28932)=0.99908960866687
r1= : 2.4139588451805E-12
rpunto1: = 9045531.633359
rduepunti0 : = -3.2389204576106E+25
fil : = 487.86316320815
fipunto1 : = 2.1415372419774E+18
fi_gradi : = 27952.500231729
t1 : = 1.0808835717353E-14
tpunto1 : = 1.001486008816
tduepunti0 : = -8.7895123799066E+15
v=v_elettrone : = 10423544.178139
x0= : -1.46935238205E-12
y0= : -1.9139169709488E-12
```

```
*****
i=28933
k(28933)=0.99954508280801
kQ(28933)=0.99909037256568
r1= : 2.415019693311E-12
rpunto1: = 9041735.8366151
rduepunti0 : = -3.2365612509163E+25
fil : = 487.86341436484
fipunto1 : = 2.1396549847185E+18
fi_gradi : = 27952.514621947
t1 : = 1.0808835834806E-14
tpunto1 : = 1.0014849793337
tduepunti0 : = -8.7780845158448E+15
v=v_elettrone : = 10419115.743259
x0= : -1.4695172905657E-12
y0= : -1.9151282565285E-12
*****
i=28934
k(28934)=0.99954546449284
kQ(28934)=0.9990911355882
r1= : 2.4160800962754E-12
rpunto1: = 9037942.8026652
rduepunti0 : = -3.2342054997962E+25
fil : = 487.86366530078
fipunto1 : = 2.1377759967378E+18
fi_gradi : = 27952.528999518
t1 : = 1.0808835952259E-14
tpunto1 : = 1.001483951189
tduepunti0 : = -8.7666792895917E+15
v=v_elettrone : = 10414691.182142
x0= : -1.4696818355682E-12
y0= : -1.9163390674097E-12
*****
i=28935
k(28935)=0.99954584573993
kQ(28935)=0.99909189773596
r1= : 2.4171400543977E-12
rpunto1: = 9034152.5274651
rduepunti0 : = -3.231853197227E+25
fil : = 487.86391601635
fipunto1 : = 2.1359002699894E+18
fi_gradi : = 27952.543364462
t1 : = 1.0808836069711E-14
tpunto1 : = 1.0014829243793
tduepunti0 : = -8.7552966400369E+15
v=v_elettrone : = 10410270.486944
x0= : -1.4698460174955E-12
y0= : -1.9175494039191E-12
*****
i=28936
k(28936)=0.99954622655005
kQ(28936)=0.99909265901045
r1= : 2.4181995680014E-12
rpunto1: = 9030365.0069785
rduepunti0 : = -3.2295043362033E+25
fil : = 487.86416651195
fipunto1 : = 2.1340277964533E+18
fi_gradi : = 27952.557716802
t1 : = 1.0808836187164E-14
tpunto1 : = 1.0014818989018
tduepunti0 : = -8.743936506278E+15
v=v_elettrone : = 10405853.652158
x0= : -1.4700098367851E-12
y0= : -1.9187592663825E-12
```

```
*****
i=28937
k(28937)=0.99954660692395
kQ(28937)=0.99909341941319
r1= : 2.4192586374098E-12
rpunto1 : = 9026580.2371775
rduepunti0 : = -3.2271589097375E+25
fil : = 487.86441678794
fipunto1 : = 2.1321585681352E+18
fi_gradi : = 27952.57205656
t1 : = 1.0808836304617E-14
tpunto1 : = 1.001480874754
tduepunti0 : = -8.7325988276197E+15
v=v_elettrone : = 10401440.671082
x0= : -1.4701732938732E-12
y0= : -1.9199686551255E-12
*****
i=28938
k(28938)=0.99954698686238
kQ(28938)=0.99909417894567
r1= : 2.4203172629452E-12
rpunto1 : = 9022798.2140421
rduepunti0 : = -3.2248169108599E+25
fil : = 487.86466684471
fipunto1 : = 2.1302925770659E+18
fi_gradi : = 27952.586383758
t1 : = 1.0808836422069E-14
tpunto1 : = 1.0014798519333
tduepunti0 : = -8.7212835435727E+15
v=v_elettrone : = 10397031.537017
x0= : -1.4703363891956E-12
y0= : -1.9211775704731E-12
*****
i=28939
k(28939)=0.9995473663661
kQ(28939)=0.9990949376094
r1= : 2.421375444493E-12
rpunto1 : = 9019018.9335607
rduepunti0 : = -3.2224783326186E+25
fil : = 487.86491668264
fipunto1 : = 2.1284298153017E+18
fi_gradi : = 27952.600698417
t1 : = 1.0808836539521E-14
tpunto1 : = 1.001478830437
tduepunti0 : = -8.7099905938532E+15
v=v_elettrone : = 10392626.244392
x0= : -1.4704991231869E-12
y0= : -1.9223860127501E-12
*****
i=28940
k(28940)=0.99954774543584
kQ(28940)=0.99909569540588
r1= : 2.4224331836856E-12
rpunto1 : = 9015242.3917297
rduepunti0 : = -3.2201431680794E+25
fil : = 487.86516630211
fipunto1 : = 2.1265702749243E+18
fi_gradi : = 27952.615000559
t1 : = 1.0808836656973E-14
tpunto1 : = 1.0014778102625
tduepunti0 : = -8.6987199183819E+15
v=v_elettrone : = 10388224.785894
x0= : -1.470661496281E-12
y0= : -1.9235939822807E-12
```

```
*****
i=28941
k(28941)=0.99954812407236
kQ(28941)=0.99909645233658
r1= : 2.4234904795334E-12
rpunto1 : = 9011468.5845538
rduepunti0 : = -3.217811410326E+25
fil : = 487.86541570349
fipunto1 : = 2.1247139480404E+18
fi_gradi : = 27952.629290205
t1 : = 1.0808836774425E-14
tpunto1 : = 1.0014767914072
tduepunti0 : = -8.6874714572831E+15
v=v_elettrone : = 10383827.155919
x0= : -1.470823508911E-12
y0= : -1.9248014793885E-12
*****
i=28942
k(28942)=0.99954850227641
kQ(28942)=0.99909720840301
r1= : 2.424547332794E-12
rpunto1 : = 9007697.5080456
rduepunti0 : = -3.2154830524595E+25
fil : = 487.86566488716
fipunto1 : = 2.1228608267818E+18
fi_gradi : = 27952.643567378
t1 : = 1.0808836891877E-14
tpunto1 : = 1.0014757738685
tduepunti0 : = -8.6762451508838E+15
v=v_elettrone : = 10379433.347129
x0= : -1.4709851615091E-12
y0= : -1.9260085043968E-12
*****
i=28943
k(28943)=0.99954888004871
kQ(28943)=0.99909796360664
r1= : 2.4256037437877E-12
rpunto1 : = 9003929.1582258
rduepunti0 : = -3.2131580875987E+25
fil : = 487.86591385351
fipunto1 : = 2.1210109033053E+18
fi_gradi : = 27952.657832099
t1 : = 1.0808837009329E-14
tpunto1 : = 1.0014747576438
tduepunti0 : = -8.6650409397133E+15
v=v_elettrone : = 10375043.354472
x0= : -1.4711464545069E-12
y0= : -1.9272150576286E-12
*****
i=28944
k(28944)=0.99954925739003
kQ(28944)=0.99909871794896
r1= : 2.4266597128342E-12
rpunto1 : = 9000163.5311231
rduepunti0 : = -3.2108365088799E+25
fil : = 487.8661626029
fipunto1 : = 2.1191641697924E+18
fi_gradi : = 27952.672084389
t1 : = 1.0808837126781E-14
tpunto1 : = 1.0014737427305
tduepunti0 : = -8.6538587645019E+15
v=v_elettrone : = 10370657.169993
x0= : -1.4713073883348E-12
y0= : -1.9284211394061E-12
```

```
*****
i=28945
k(28945)=0.99954963430109
kQ(28945)=0.99909947143144
r1= : 2.4277152402529E-12
rpunto1: = 8996400.6227745
rduepunti0 : = -3.2085183094569E+25
fil : = 487.8664111357
fipunto1 : = 2.1173206184497E+18
fi_gradi : = 27952.68632427
t1 : = 1.0808837244232E-14
tpunto1 : = 1.0014727291261
tduepunti0 : = -8.6426985661801E+15
v=v_elettrone : = 10366274.789195
x0= : -1.4714679634227E-12
y0= : -1.9296267500512E-12
*****
i=28946
k(28946)=0.99955001078263
kQ(28946)=0.99910022405556
r1= : 2.4287703263626E-12
rpunto1: = 8992640.4292247
rduepunti0 : = -3.206203482501E+25
fil : = 487.8666594523
fipunto1 : = 2.1154802415082E+18
fi_gradi : = 27952.700551763
t1 : = 1.0808837361684E-14
tpunto1 : = 1.001471716828
tduepunti0 : = -8.6315602858784E+15
v=v_elettrone : = 10361896.204678
x0= : -1.4716281801994E-12
y0= : -1.9308318898856E-12
*****
i=28947
k(28947)=0.9995503868354
kQ(28947)=0.9991009758228
r1= : 2.4298249714818E-12
rpunto1: = 8988882.9465265
rduepunti0 : = -3.2038920212008E+25
fil : = 487.86690755305
fipunto1 : = 2.1136430312235E+18
fi_gradi : = 27952.714766889
t1 : = 1.0808837479135E-14
tpunto1 : = 1.0014707058336
tduepunti0 : = -8.6204438649255E+15
v=v_elettrone : = 10357521.410171
x0= : -1.4717880390931E-12
y0= : -1.9320365592302E-12
*****
i=28948
k(28948)=0.99955076246012
kQ(28948)=0.99910172673461
r1= : 2.4308791759282E-12
rpunto1: = 8985128.1707406
rduepunti0 : = -3.2015839187622E+25
fil : = 487.86715543835
fipunto1 : = 2.1118089798759E+18
fi_gradi : = 27952.72896967
t1 : = 1.0808837596586E-14
tpunto1 : = 1.0014696961404
tduepunti0 : = -8.6093492448484E+15
v=v_elettrone : = 10353150.399981
x0= : -1.4719475405311E-12
y0= : -1.9332407584056E-12
```

```
*****
i=28949
k(28949)=0.99955113765753
kQ(28949)=0.99910247679246
r1= : 2.4319329400195E-12
rpunto1: = 8981376.0979359
rduepunti0 : = -3.1992791684085E+25
fil : = 487.86740310854
fipunto1 : = 2.1099780797697E+18
fi_gradi : = 27952.743160127
t1 : = 1.0808837714037E-14
tpunto1 : = 1.0014686877458
tduepunti0 : = -8.5982763673711E+15
v=v_elettrone : = 10348783.167238
x0= : -1.4721066849399E-12
y0= : -1.934444487732E-12
*****
i=28950
k(28950)=0.99955151242836
kQ(28950)=0.99910322599782
r1= : 2.4329862640726E-12
rpunto1: = 8977626.7241889
rduepunti0 : = -3.1969777633801E+25
fil : = 487.86765056402
fipunto1 : = 2.1081503232339E+18
fi_gradi : = 27952.757338281
t1 : = 1.0808837831488E-14
tpunto1 : = 1.0014676806472
tduepunti0 : = -8.5872251744139E+15
v=v_elettrone : = 10344419.706216
x0= : -1.4722654727452E-12
y0= : -1.9356477475291E-12
*****
i=28951
k(28951)=0.99955188677334
kQ(28951)=0.99910397435214
r1= : 2.4340391484041E-12
rpunto1: = 8973880.0455842
rduepunti0 : = -3.1946796969347E+25
fil : = 487.86789780513
fipunto1 : = 2.1063257026214E+18
fi_gradi : = 27952.771504154
t1 : = 1.0808837948939E-14
tpunto1 : = 1.0014666748422
tduepunti0 : = -8.5761956080925E+15
v=v_elettrone : = 10340060.010008
x0= : -1.4724239043718E-12
y0= : -1.9368505381161E-12
*****
i=28952
k(28952)=0.99955226069319
kQ(28952)=0.99910472185687
r1= : 2.4350915933299E-12
rpunto1: = 8970136.0582142
rduepunti0 : = -3.1923849623471E+25
fil : = 487.86814483226
fipunto1 : = 2.1045042103094E+18
fi_gradi : = 27952.785657766
t1 : = 1.080883806639E-14
tpunto1 : = 1.0014656703282
tduepunti0 : = -8.5651876107177E+15
v=v_elettrone : = 10335704.073451
x0= : -1.4725819802438E-12
y0= : -1.9380528598118E-12
```

```
*****
i=28953
k(28953)=0.99955263418865
kQ(28953)=0.99910546851347
r1= : 2.4361435991658E-12
rpunto1: = 8966394.7581793
rduepunti0 : = -3.190093552909E+25
fil : = 487.86839164576
fipunto1 : = 2.1026858386991E+18
fi_gradi : = 27952.799799138
t1 : = 1.080883818384E-14
tpunto1 : = 1.0014646671027
tduepunti0 : = -8.5542011247938E+15
v=v_elettrone : = 10331351.889608
x0= : -1.4727397007844E-12
y0= : -1.9392547129347E-12
*****
i=28954
k(28954)=0.99955300726043
kQ(28954)=0.99910621432338
r1= : 2.437195166227E-12
rpunto1: = 8962656.1415876
rduepunti0 : = -3.1878054619293E+25
fil : = 487.86863824601
fipunto1 : = 2.1008705802154E+18
fi_gradi : = 27952.813928291
t1 : = 1.0808838301291E-14
tpunto1 : = 1.0014636651631
tduepunti0 : = -8.5432360930185E+15
v=v_elettrone : = 10327003.452124
x0= : -1.4728970664161E-12
y0= : -1.9404560978027E-12
*****
i=28955
k(28955)=0.99955337990927
kQ(28955)=0.99910695928805
r1= : 2.438246294828E-12
rpunto1: = 8958920.2045551
rduepunti0 : = -3.1855206827338E+25
fil : = 487.86888463337
fipunto1 : = 2.0990584273074E+18
fi_gradi : = 27952.828045247
t1 : = 1.0808838418741E-14
tpunto1 : = 1.001462664507
tduepunti0 : = -8.5322924582819E+15
v=v_elettrone : = 10322658.755773
x0= : -1.4730540775605E-12
y0= : -1.9416570147331E-12
*****
i=28956
k(28956)=0.99955375213588
kQ(28956)=0.99910770340891
r1= : 2.4392969852833E-12
rpunto1: = 8955186.9432055
rduepunti0 : = -3.1832392086654E+25
fil : = 487.8691308082
fipunto1 : = 2.0972493724475E+18
fi_gradi : = 27952.842150026
t1 : = 1.0808838536191E-14
tpunto1 : = 1.0014616651319
tduepunti0 : = -8.5213701636655E+15
v=v_elettrone : = 10318317.793003
x0= : -1.4732107346384E-12
y0= : -1.9428574640433E-12
```

```
*****
i=28957
k(28957)=0.99955412394098
kQ(28957)=0.99910844668741
r1= : 2.4403472379065E-12
rpunto1: = 8951456.3536705
rduepunti0 : = -3.1809610330836E+25
fil : = 487.86937677086
fipunto1 : = 2.0954434081321E+18
fi_gradi : = 27952.856242648
t1 : = 1.0808838653641E-14
tpunto1 : = 1.0014606670352
tduepunti0 : = -8.5104691524418E+15
v=v_elettrone : = 10313980.559166
x0= : -1.47336703807E-12
y0= : -1.9440574460496E-12
*****
i=28958
k(28958)=0.99955449532528
kQ(28958)=0.99910918912498
r1= : 2.4413970530111E-12
rpunto1: = 8947728.4320894
rduepunti0 : = -3.1786861493649E+25
fil : = 487.86962252173
fipunto1 : = 2.0936405268811E+18
fi_gradi : = 27952.870323136
t1 : = 1.0808838771091E-14
tpunto1 : = 1.0014596702144
tduepunti0 : = -8.4995893680733E+15
v=v_elettrone : = 10309647.047253
x0= : -1.4735229882743E-12
y0= : -1.9452569610684E-12
*****
i=28959
k(28959)=0.99955486628952
kQ(28959)=0.99910993072305
r1= : 2.4424464309099E-12
rpunto1: = 8944003.1746094
rduepunti0 : = -3.1764145509026E+25
fil : = 487.86986806115
fipunto1 : = 2.0918407212376E+18
fi_gradi : = 27952.884391508
t1 : = 1.0808838888541E-14
tpunto1 : = 1.0014586746672
tduepunti0 : = -8.4887307542118E+15
v=v_elettrone : = 10305317.251409
x0= : -1.47367858567E-12
y0= : -1.9464560094153E-12
*****
i=28960
k(28960)=0.99955523683439
kQ(28960)=0.99911067148305
r1= : 2.4434953719154E-12
rpunto1: = 8940280.5773851
rduepunti0 : = -3.1741462311064E+25
fil : = 487.8701133895
fipunto1 : = 2.0900439837685E+18
fi_gradi : = 27952.898447787
t1 : = 1.0808839005991E-14
tpunto1 : = 1.0014576803909
tduepunti0 : = -8.4778932546975E+15
v=v_elettrone : = 10300991.165775
x0= : -1.4738338306745E-12
y0= : -1.9476545914057E-12
```



```
*****
i=28961
k(28961)=0.99955560696061
kQ(28961)=0.9991114114064
r1= : 2.4445438763395E-12
rpunto1: = 8936560.6365791
rduepunti0 : = -3.1718811834032E+25
fil : = 487.87035850713
fipunto1 : = 2.0882503070635E+18
fi_gradi : = 27952.912491993
t1 : = 1.0808839123441E-14
tpunto1 : = 1.0014566873832
tduepunti0 : = -8.4670768135584E+15
v=v_elettrone : = 10296668.783306
x0= : -1.4739887237048E-12
y0= : -1.9488527073545E-12
*****
i=28962
k(28962)=0.9995559766689
kQ(28962)=0.99911215049453
r1= : 2.4455919444938E-12
rpunto1: = 8932843.3483618
rduepunti0 : = -3.1696194012361E+25
fil : = 487.87060341439
fipunto1 : = 2.086459683736E+18
fi_gradi : = 27952.926524146
t1 : = 1.080883924089E-14
tpunto1 : = 1.0014556956416
tduepunti0 : = -8.4562813750096E+15
v=v_elettrone : = 10292350.099273
x0= : -1.474143265177E-12
y0= : -1.950050357576E-12
*****
i=28963
k(28963)=0.99955634595997
kQ(28963)=0.99911288874884
r1= : 2.4466395766895E-12
rpunto1: = 8929128.7089109
rduepunti0 : = -3.167360878065E+25
fil : = 487.87084811166
fipunto1 : = 2.084672106422E+18
fi_gradi : = 27952.940544266
t1 : = 1.080883935834E-14
tpunto1 : = 1.0014547051636
tduepunti0 : = -8.4455068834525E+15
v=v_elettrone : = 10288035.106607
x0= : -1.4742974555063E-12
y0= : -1.9512475423843E-12
*****
i=28964
k(28964)=0.99955671483451
kQ(28964)=0.99911362617076
r1= : 2.447686773237E-12
rpunto1: = 8925416.714412
rduepunti0 : = -3.1651056073661E+25
fil : = 487.87109259928
fipunto1 : = 2.082887567781E+18
fi_gradi : = 27952.954552375
t1 : = 1.0808839475789E-14
tpunto1 : = 1.0014537159467
tduepunti0 : = -8.4347532834737E+15
v=v_elettrone : = 10283723.799974
x0= : -1.4744512951074E-12
y0= : -1.9524442620929E-12
```

```
*****
i=28965
k(28965)=0.99955708329324
kQ(28965)=0.99911436276169
r1= : 2.4487335344468E-12
rpunto1: = 8921707.3610583
rduepunti0 : = -3.1628535826324E+25
fil : = 487.87133687761
fipunto1 : = 2.081106060495E+18
fi_gradi : = 27952.968548492
t1 : = 1.0808839593238E-14
tpunto1 : = 1.0014527279886
tduepunti0 : = -8.4240205198449E+15
v=v_elettrone : = 10279416.173441
x0= : -1.4746047843937E-12
y0= : -1.953640517015E-12
*****
i=28966
k(28966)=0.99955745133687
kQ(28966)=0.99911509852305
r1= : 2.4497798606283E-12
rpunto1: = 8918000.6450506
rduepunti0 : = -3.1606047973731E+25
fil : = 487.87158094701
fipunto1 : = 2.0793275772692E+18
fi_gradi : = 27952.982532639
t1 : = 1.0808839710687E-14
tpunto1 : = 1.0014517412868
tduepunti0 : = -8.4133085375216E+15
v=v_elettrone : = 10275112.219881
x0= : -1.4747579237783E-12
y0= : -1.9548363074634E-12
*****
i=28967
k(28967)=0.99955781896609
kQ(28967)=0.99911583345624
r1= : 2.4508257520911E-12
rpunto1: = 8914296.5625972
rduepunti0 : = -3.1583592451138E+25
fil : = 487.87182480783
fipunto1 : = 2.0775521108313E+18
fi_gradi : = 27952.996504835
t1 : = 1.0808839828136E-14
tpunto1 : = 1.0014507558388
tduepunti0 : = -8.4026172816427E+15
v=v_elettrone : = 10270811.934531
x0= : -1.4749107136735E-12
y0= : -1.9560316337502E-12
*****
i=28968
k(28968)=0.99955818618161
kQ(28968)=0.99911656756266
r1= : 2.451871209144E-12
rpunto1: = 8910595.1099141
rduepunti0 : = -3.1561169193964E+25
fil : = 487.87206846043
fipunto1 : = 2.0757796539318E+18
fi_gradi : = 27953.0104651
t1 : = 1.0808839945585E-14
tpunto1 : = 1.0014497716423
tduepunti0 : = -8.3919466975294E+15
v=v_elettrone : = 10266515.3108
x0= : -1.4750631544904E-12
y0= : -1.9572264961874E-12
```

```
*****
i=28969
k(28969)=0.99955855298412
kQ(28969)=0.99911730084371
r1= : 2.4529162320953E-12
rpunto1: = 8906896.2832248
rduepunti0 : = -3.1538778137793E+25
fil : = 487.87231190515
fipunto1 : = 2.0740101993437E+18
fi_gradi : = 27953.024413456
t1 : = 1.0808840063034E-14
tpunto1 : = 1.0014487886947
tduepunti0 : = -8.381296730685E+15
v=v_elettrone : = 10262222.342729
x0= : -1.4752152466398E-12
y0= : -1.9584208950863E-12
*****
i=28970
k(28970)=0.99955891937433
kQ(28970)=0.99911803330079
r1= : 2.453960821253E-12
rpunto1: = 8903200.0787604
rduepunti0 : = -3.1516419218369E+25
fil : = 487.87255514236
fipunto1 : = 2.0722437398626E+18
fi_gradi : = 27953.038349921
t1 : = 1.0808840180482E-14
tpunto1 : = 1.0014478069938
tduepunti0 : = -8.3706673267938E+15
v=v_elettrone : = 10257933.024301
x0= : -1.4753669905315E-12
y0= : -1.9596148307579E-12
*****
i=28971
k(28971)=0.99955928535294
kQ(28971)=0.99911876493528
r1= : 2.4550049769247E-12
rpunto1: = 8899506.4927594
rduepunti0 : = -3.14940923716E+25
fil : = 487.8727981724
fipunto1 : = 2.0704802683064E+18
fi_gradi : = 27953.052274516
t1 : = 1.0808840297931E-14
tpunto1 : = 1.0014468265371
tduepunti0 : = -8.3600584317203E+15
v=v_elettrone : = 10253647.350097
x0= : -1.4755183865747E-12
y0= : -1.9608083035128E-12
*****
i=28972
k(28972)=0.99955965092063
kQ(28972)=0.99911949574857
r1= : 2.4560486994175E-12
rpunto1: = 8895815.5214678
rduepunti0 : = -3.1471797533552E+25
fil : = 487.87304099562
fipunto1 : = 2.0687197775154E+18
fi_gradi : = 27953.066187262
t1 : = 1.0808840415379E-14
tpunto1 : = 1.0014458473222
tduepunti0 : = -8.3494699915088E+15
v=v_elettrone : = 10249365.31409
x0= : -1.4756694351775E-12
y0= : -1.9620013136611E-12
```

```
*****
i=28973
k(28973)=0.9995600160781
kQ(28973)=0.99912022574206
r1= : 2.457091989038E-12
rpunto1 : = 8892127.1611393
rduepunti0 : = -3.1449534640455E+25
fil : = 487.87328361237
fipunto1 : = 2.0669622603521E+18
fi_gradi : = 27953.080088178
t1 : = 1.0808840532827E-14
tpunto1 : = 1.0014448693466
tduepunti0 : = -8.3389019523824E+15
v=v_elettrone : = 10245086.909649
x0= : -1.4758201367475E-12
y0= : -1.9631938615127E-12
*****
i=28974
k(28974)=0.99956038082605
kQ(28974)=0.99912095491712
r1= : 2.4581348460924E-12
rpunto1 : = 8888441.4080348
rduepunti0 : = -3.1427303628699E+25
fil : = 487.873526023
fipunto1 : = 2.0652077097012E+18
fi_gradi : = 27953.093977284
t1 : = 1.0808840650275E-14
tpunto1 : = 1.0014438926081
tduepunti0 : = -8.3283542607425E+15
v=v_elettrone : = 10240812.131906
x0= : -1.4759704916915E-12
y0= : -1.9643859473766E-12
*****
i=28975
k(28975)=0.99956074516516
kQ(28975)=0.99912168327513
r1= : 2.4591772708864E-12
rpunto1 : = 8884758.2584227
rduepunti0 : = -3.1405104434833E+25
fil : = 487.87376822787
fipunto1 : = 2.0634561184693E+18
fi_gradi : = 27953.1078546
t1 : = 1.0808840767723E-14
tpunto1 : = 1.0014429171043
tduepunti0 : = -8.3178268631679E+15
v=v_elettrone : = 10236540.9742
x0= : -1.4761205004154E-12
y0= : -1.9655775715618E-12
*****
i=28976
k(28976)=0.99956110909612
kQ(28976)=0.99912241081747
r1= : 2.4602192637256E-12
rpunto1 : = 8881077.708579
rduepunti0 : = -3.1382936995567E+25
fil : = 487.8740102273
fipunto1 : = 2.0617074795853E+18
fi_gradi : = 27953.121720147
t1 : = 1.0808840885171E-14
tpunto1 : = 1.0014419428327
tduepunti0 : = -8.3073197064143E+15
v=v_elettrone : = 10232273.431034
x0= : -1.4762701633245E-12
y0= : -1.9667687343768E-12
```

```
*****
i=28977
k(28977)=0.99956147261962
kQ(28977)=0.99912313754551
r1= : 2.4612608249146E-12
rpunto1: = 8877399.7547868
rduepunti0 : = -3.1360801247767E+25
fil : = 487.87425202166
fipunto1 : = 2.0599617859998E+18
fi_gradi : = 27953.135573943
t1 : = 1.0808841002619E-14
tpunto1 : = 1.001440969791
tduepunti0 : = -8.2968327374132E+15
v=v_elettrone : = 10228009.496325
x0= : -1.4764194808234E-12
y0= : -1.9679594361296E-12
*****
i=28978
k(28978)=0.99956183573635
kQ(28978)=0.99912386346062
r1= : 2.462301954758E-12
rpunto1: = 8873724.3933369
rduepunti0 : = -3.1338697128461E+25
fil : = 487.87449361129
fipunto1 : = 2.0582190306851E+18
fi_gradi : = 27953.149416009
t1 : = 1.0808841120067E-14
tpunto1 : = 1.0014399979768
tduepunti0 : = -8.2863659032719E+15
v=v_elettrone : = 10223749.164558
x0= : -1.4765684533157E-12
y0= : -1.9691496771277E-12
*****
i=28979
k(28979)=0.99956219844699
kQ(28979)=0.99912458856418
r1= : 2.4633426535599E-12
rpunto1: = 8870051.6205272
rduepunti0 : = -3.1316624574834E+25
fil : = 487.87473499653
fipunto1 : = 2.0564792066355E+18
fi_gradi : = 27953.163246365
t1 : = 1.0808841237514E-14
tpunto1 : = 1.0014390273878
tduepunti0 : = -8.275919151272E+15
v=v_elettrone : = 10219492.429607
x0= : -1.4767170812044E-12
y0= : -1.9703394576783E-12
*****
i=28980
k(28980)=0.99956256075222
kQ(28980)=0.99912531285753
r1= : 2.4643829216237E-12
rpunto1: = 8866381.4326631
rduepunti0 : = -3.1294583524227E+25
fil : = 487.87497617772
fipunto1 : = 2.0547423068668E+18
fi_gradi : = 27953.177065029
t1 : = 1.0808841354962E-14
tpunto1 : = 1.0014380580217
tduepunti0 : = -8.2654924288693E+15
v=v_elettrone : = 10215239.285933
x0= : -1.4768653648918E-12
y0= : -1.9715287780883E-12
```

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*****
i=28981
k(28981)=0.99956292265272
kQ(28981)=0.99912603634205
r1= : 2.4654227592527E-12
rpunto1: = 8862713.8260573
rduepunti0 : = -3.127257391414E+25
fil : = 487.87521715522
fipunto1 : = 2.0530083244163E+18
fi_gradi : = 27953.190872022
t1 : = 1.0808841472409E-14
tpunto1 : = 1.001437089876
tduepunti0 : = -8.2550856836927E+15
v=v_elettrone : = 10210989.727384
x0= : -1.4770133047793E-12
y0= : -1.9727176386639E-12
*****
i=28982
k(28982)=0.99956328414917
kQ(28982)=0.99912675901908
r1= : 2.4664621667496E-12
rpunto1: = 8859048.7970299
rduepunti0 : = -3.1250595682229E+25
fil : = 487.87545792935
fipunto1 : = 2.0512772523432E+18
fi_gradi : = 27953.204667364
t1 : = 1.0808841589857E-14
tpunto1 : = 1.0014361229485
tduepunti0 : = -8.2446988635439E+15
v=v_elettrone : = 10206743.748405
x0= : -1.4771609012676E-12
y0= : -1.973906039711E-12
*****
i=28983
k(28983)=0.99956364524226
kQ(28983)=0.99912748088999
r1= : 2.4675011444167E-12
rpunto1: = 8855386.341908
rduepunti0 : = -3.1228648766308E+25
fil : = 487.87569850046
fipunto1 : = 2.0495490837275E+18
fi_gradi : = 27953.218451074
t1 : = 1.0808841707304E-14
tpunto1 : = 1.0014351572368
tduepunti0 : = -8.2343319163963E+15
v=v_elettrone : = 10202501.343416
x0= : -1.4773081547567E-12
y0= : -1.9750939815352E-12
*****
i=28984
k(28984)=0.99956400593265
kQ(28984)=0.99912820195613
r1= : 2.4685396925558E-12
rpunto1: = 8851726.4570264
rduepunti0 : = -3.1206733104343E+25
fil : = 487.8759388689
fipunto1 : = 2.0478238116709E+18
fi_gradi : = 27953.232223171
t1 : = 1.0808841824751E-14
tpunto1 : = 1.0014341927386
tduepunti0 : = -8.2239847903948E+15
v=v_elettrone : = 10198262.506812
x0= : -1.4774550656458E-12
y0= : -1.9762814644415E-12

```

```
*****
i=28985
k(28985)=0.99956436622102
kQ(28985)=0.99912892221884
r1= : 2.4695778114684E-12
rpunto1 : = 8848069.1387268
rduepunti0 : = -3.1184848634459E+25
fil : = 487.876179035
fipunto1 : = 2.0461014292965E+18
fi_gradi : = 27953.245983675
t1 : = 1.0808841942198E-14
tpunto1 : = 1.0014332294516
tduepunti0 : = -8.2136574338545E+15
v=v_elettrone : = 10194027.231807
x0= : -1.4776016343334E-12
y0= : -1.9774684887347E-12
*****
i=28986
k(28986)=0.99956472610805
kQ(28986)=0.99912964167947
r1= : 2.4706155014555E-12
rpunto1 : = 8844414.3833583
rduepunti0 : = -3.1162995294934E+25
fil : = 487.87641899911
fipunto1 : = 2.0443819297481E+18
fi_gradi : = 27953.259732605
t1 : = 1.0808842059644E-14
tpunto1 : = 1.0014322673734
tduepunti0 : = -8.2033497952607E+15
v=v_elettrone : = 10189795.513382
x0= : -1.4777478612173E-12
y0= : -1.9786550547189E-12
*****
i=28987
k(28987)=0.99956508559441
kQ(28987)=0.99913036033936
r1= : 2.4716527628177E-12
rpunto1 : = 8840762.1872772
rduepunti0 : = -3.11411730242E+25
fil : = 487.87665876155
fipunto1 : = 2.0426653061909E+18
fi_gradi : = 27953.273469981
t1 : = 1.0808842177091E-14
tpunto1 : = 1.0014313065019
tduepunti0 : = -8.1930618232678E+15
v=v_elettrone : = 10185567.345904
x0= : -1.4778937466945E-12
y0= : -1.9798411626981E-12
*****
i=28988
k(28988)=0.99956544468076
kQ(28988)=0.99913107819985
r1= : 2.472689595855E-12
rpunto1 : = 8837112.546847
rduepunti0 : = -3.1119381760845E+25
fil : = 487.87689832267
fipunto1 : = 2.0409515518112E+18
fi_gradi : = 27953.287195822
t1 : = 1.0808842294538E-14
tpunto1 : = 1.0014303468345
tduepunti0 : = -8.1827934666987E+15
v=v_elettrone : = 10181342.72373
x0= : -1.4780392911612E-12
y0= : -1.9810268129755E-12
```

```
*****
i=28989
k(28989)=0.99956580336778
kQ(28989)=0.99913179526228
r1= : 2.4737260008674E-12
rpunto1: = 8833465.4584384
rduepunti0 : = -3.1097621443609E+25
fil : = 487.8771376828
fipunto1 : = 2.0392406598159E+18
fi_gradi : = 27953.300910147
t1 : = 1.0808842411984E-14
tpunto1 : = 1.0014293883692
tduepunti0 : = -8.1725446745441E+15
v=v_elettrone : = 10177121.641208
x0= : -1.478184495013E-12
y0= : -1.9822120058543E-12
*****
i=28990
k(28990)=0.99956616165614
kQ(28990)=0.99913251152798
r1= : 2.4747619781539E-12
rpunto1: = 8829820.9184292
rduepunti0 : = -3.1075892011385E+25
fil : = 487.87737684228
fipunto1 : = 2.037532623433E+18
fi_gradi : = 27953.314612976
t1 : = 1.080884252943E-14
tpunto1 : = 1.0014284311035
tduepunti0 : = -8.162315395962E+15
v=v_elettrone : = 10172904.09206
x0= : -1.4783293586446E-12
y0= : -1.9833967416371E-12
*****
i=28991
k(28991)=0.99956651954649
kQ(28991)=0.99913322699828
r1= : 2.4757975280136E-12
rpunto1: = 8826178.9232044
rduepunti0 : = -3.1054193403218E+25
fil : = 487.87761580144
fipunto1 : = 2.0358274359112E+18
fi_gradi : = 27953.328304328
t1 : = 1.0808842646877E-14
tpunto1 : = 1.0014274750352
tduepunti0 : = -8.152105580277E+15
v=v_elettrone : = 10168690.071223
x0= : -1.4784738824502E-12
y0= : -1.984581020626E-12
*****
i=28992
k(28992)=0.9995668770395
kQ(28992)=0.9991339416745
r1= : 2.4768326507448E-12
rpunto1: = 8822539.4691561
rduepunti0 : = -3.1032525558309E+25
fil : = 487.87785456062
fipunto1 : = 2.0341250905199E+18
fi_gradi : = 27953.341984221
t1 : = 1.0808842764323E-14
tpunto1 : = 1.001426520162
tduepunti0 : = -8.1419151769794E+15
v=v_elettrone : = 10164479.572394
x0= : -1.4786180668231E-12
y0= : -1.9857648431228E-12
```



```
*****
i=28993
k(28993)=0.99956723413584
kQ(28993)=0.99913465555798
r1= : 2.4778673466456E-12
rpunto1: = 8818902.5526836
rduepunti0 : = -3.1010888416005E+25
fil : = 487.87809312015
fipunto1 : = 2.0324255805492E+18
fi_gradi : = 27953.355652675
t1 : = 1.0808842881769E-14
tpunto1 : = 1.0014255664817
tduepunti0 : = -8.131744135725E+15
v=v_elettrone : = 10160272.591058
x0= : -1.4787619121558E-12
y0= : -1.9869482094289E-12
*****
i=28994
k(28994)=0.99956759083617
kQ(28994)=0.99913536865003
r1= : 2.4789016160136E-12
rpunto1: = 8815268.1701933
rduepunti0 : = -3.0989281915808E+25
fil : = 487.87833148037
fipunto1 : = 2.0307288993095E+18
fi_gradi : = 27953.36930971
t1 : = 1.0808842999215E-14
tpunto1 : = 1.001424613992
tduepunti0 : = -8.1215924063338E+15
v=v_elettrone : = 10156069.120323
x0= : -1.4789054188403E-12
y0= : -1.9881311198453E-12
*****
i=28995
k(28995)=0.99956794714115
kQ(28995)=0.99913608095197
r1= : 2.479935459146E-12
rpunto1: = 8811636.3180984
rduepunti0 : = -3.0967705997371E+25
fil : = 487.8785696416
fipunto1 : = 2.029035040132E+18
fi_gradi : = 27953.382955343
t1 : = 1.080884311666E-14
tpunto1 : = 1.0014236626905
tduepunti0 : = -8.1114599387901E+15
v=v_elettrone : = 10151869.155626
x0= : -1.4790485872678E-12
y0= : -1.9893135746725E-12
*****
i=28996
k(28996)=0.99956830305143
kQ(28996)=0.99913679246511
r1= : 2.4809688763395E-12
rpunto1: = 8808006.9928196
rduepunti0 : = -3.0946160600494E+25
fil : = 487.87880760418
fipunto1 : = 2.027343996368E+18
fi_gradi : = 27953.396589595
t1 : = 1.0808843234106E-14
tpunto1 : = 1.0014227125752
tduepunti0 : = -8.1013466832413E+15
v=v_elettrone : = 10147672.690646
x0= : -1.4791914178286E-12
y0= : -1.9904955742106E-12
```

```
*****
i=28997
k(28997)=0.99956865856767
kQ(28997)=0.99913750319077
r1= : 2.4820018678905E-12
rpunto1: = 8804380.1907842
rduerpunti0 : = -3.0924645665132E+25
fil : = 487.87904536844
fipunto1 : = 2.0256557613892E+18
fi_gradi : = 27953.410212483
t1 : = 1.0808843351551E-14
tpunto1 : = 1.0014217636436
tduerpunti0 : = -8.0912525899975E+15
v=v_elettrone : = 10143479.720219
x0= : -1.4793339109125E-12
y0= : -1.9916771187594E-12
*****
i=28998
k(28998)=0.99956901369053
kQ(28998)=0.99913821313026
r1= : 2.4830344340948E-12
rpunto1: = 8800755.9084269
rduerpunti0 : = -3.0903161131385E+25
fil : = 487.8792829347
fipunto1 : = 2.0239703285876E+18
fi_gradi : = 27953.423824027
t1 : = 1.0808843468997E-14
tpunto1 : = 1.0014208158937
tduerpunti0 : = -8.0811776095308E+15
v=v_elettrone : = 10139290.237984
x0= : -1.4794760669084E-12
y0= : -1.9928582086182E-12
*****
i=28999
k(28999)=0.99956936842066
kQ(28999)=0.99913892228488
r1= : 2.4840665752481E-12
rpunto1: = 8797134.1421892
rduerpunti0 : = -3.0881706939504E+25
fil : = 487.87952030329
fipunto1 : = 2.0222876913752E+18
fi_gradi : = 27953.437424246
t1 : = 1.0808843586442E-14
tpunto1 : = 1.0014198693231
tduerpunti0 : = -8.0711216924745E+15
v=v_elettrone : = 10135104.239951
x0= : -1.4796178862048E-12
y0= : -1.9940388440859E-12
*****
i=29000
k(29000)=0.99956972275872
kQ(29000)=0.99913963065594
r1= : 2.4850982916454E-12
rpunto1: = 8793514.8885196
rduerpunti0 : = -3.0860283029889E+25
fil : = 487.87975747455
fipunto1 : = 2.0206078431844E+18
fi_gradi : = 27953.451013158
t1 : = 1.0808843703887E-14
tpunto1 : = 1.0014189239296
tduerpunti0 : = -8.061084789623E+15
v=v_elettrone : = 10130921.719131
x0= : -1.479759369189E-12
y0= : -1.9952190254612E-12
```

```
*****
i=29001
k(29001)=0.99957007670535
kQ(29001)=0.99914033824473
r1= : 2.4861295835813E-12
rpunto1:= 8789898.1438736
rduepunti0 := -3.0838889343087E+25
fil := 487.8799944488
fipunto1 := 2.0189307774673E+18
fi_gradi := 27953.464590782
t1 := 1.0808843821333E-14
tpunto1 := 1.001417979711
tduepunti0 := -8.0510668519305E+15
v=v_elettrone := 10126742.670321
x0= : -1.479900516248E-12
y0= : -1.996398753042E-12
*****
i=29002
k(29002)=0.9995704302612
kQ(29002)=0.99914104505256
r1= : 2.4871604513501E-12
rpunto1:= 8786283.9047138
rduepunti0 := -3.0817525819794E+25
fil := 487.88023122636
fipunto1 := 2.0172564876959E+18
fi_gradi := 27953.478157137
t1 := 1.0808843938778E-14
tpunto1 := 1.0014170366651
tduepunti0 := -8.0410678305107E+15
v=v_elettrone := 10122567.088305
x0= : -1.480041327768E-12
y0= : -1.9975780271261E-12
*****
i=29003
k(29003)=0.99957078342692
kQ(29003)=0.99914175108071
r1= : 2.4881908952457E-12
rpunto1:= 8782672.1675094
rduepunti0 := -3.0796192400852E+25
fil := 487.88046780757
fipunto1 := 2.0155849673624E+18
fi_gradi := 27953.491712242
t1 := 1.0808844056222E-14
tpunto1 := 1.0014160947896
tduepunti0 := -8.0310876766363E+15
v=v_elettrone := 10118394.967856
x0= : -1.4801818041343E-12
y0= : -1.9987568480107E-12
*****
i=29004
k(29004)=0.99957113620317
kQ(29004)=0.99914245633049
r1= : 2.4892209155615E-12
rpunto1:= 8779062.9287369
rduepunti0 := -3.0774889027252E+25
fil := 487.88070419274
fipunto1 := 2.0139162099785E+18
fi_gradi := 27953.505256114
t1 := 1.0808844173667E-14
tpunto1 := 1.0014151540824
tduepunti0 := -8.0211263417381E+15
v=v_elettrone := 10114226.302525
x0= : -1.4803219457316E-12
y0= : -1.999935215993E-12
```

```
*****
i=29005
k(29005)=0.99957148859057
kQ(29005)=0.99914316080318
r1= : 2.4902505125904E-12
rpunto1:= 8775456.1848794
rduepunti0 : = -3.0753615640129E+25
fil : = 487.8809403822
fipunto1 : = 2.0122502090756E+18
fi_gradi : = 27953.518788774
t1 : = 1.0808844291112E-14
tpunto1 : = 1.0014142145412
tduepunti0 : = -8.0111837774046E+15
v=v_elettrone : = 10110061.087666
x0= : -1.4804617529441E-12
y0= : -2.0011131313693E-12
*****
i=29006
k(29006)=0.99957184058979
kQ(29006)=0.99914386450006
r1= : 2.4912796866252E-12
rpunto1:= 8771851.932427
rduepunti0 : = -3.0732372180765E+25
fil : = 487.88117637627
fipunto1 : = 2.010586958205E+18
fi_gradi : = 27953.532310238
t1 : = 1.0808844408556E-14
tpunto1 : = 1.0014132761639
tduepunti0 : = -8.0012599353812E+15
v=v_elettrone : = 10105899.317414
x0= : -1.4806012261548E-12
y0= : -2.0022905944357E-12
*****
i=29007
k(29007)=0.99957219220145
kQ(29007)=0.99914456742241
r1= : 2.4923084379579E-12
rpunto1:= 8768250.1678768
rduepunti0 : = -3.0711158590589E+25
fil : = 487.88141217529
fipunto1 : = 2.0089264509372E+18
fi_gradi : = 27953.545820526
t1 : = 1.0808844526001E-14
tpunto1 : = 1.0014123389483
tduepunti0 : = -7.9913547675697E+15
v=v_elettrone : = 10101740.986496
x0= : -1.4807403657466E-12
y0= : -2.003467605488E-12
*****
i=29008
k(29008)=0.9995725434262
kQ(29008)=0.99914526957153
r1= : 2.4933367668804E-12
rpunto1:= 8764650.8877326
rduepunti0 : = -3.0689974811173E+25
fil : = 487.88164777955
fipunto1 : = 2.0072686808625E+18
fi_gradi : = 27953.559319657
t1 : = 1.0808844643445E-14
tpunto1 : = 1.0014114028921
tduepunti0 : = -7.9814682260278E+15
v=v_elettrone : = 10097586.089014
x0= : -1.4808791721013E-12
y0= : -2.0046441648215E-12
```

```
*****
i=29009
k(29009)=0.99957289426469
kQ(29009)=0.99914597094868
r1= : 2.494364673684E-12
rpunto1 : = 8761054.088505
rduepunti0 : = -3.0668820784235E+25
fil : = 487.8818831894
fipunto1 : = 2.0056136415905E+18
fi_gradi : = 27953.572807647
t1 : = 1.0808844760889E-14
tpunto1 : = 1.0014104679932
tduepunti0 : = -7.9716002629681E+15
v=v_elettrone : = 10093434.620277
x0= : -1.4810176456001E-12
y0= : -2.0058202727311E-12
*****
i=29010
k(29010)=0.99957324471754
kQ(29010)=0.99914667155514
r1= : 2.4953921586597E-12
rpunto1 : = 8757459.7667115
rduepunti0 : = -3.0647696451636E+25
fil : = 487.88211840515
fipunto1 : = 2.0039613267502E+18
fi_gradi : = 27953.586284517
t1 : = 1.0808844878334E-14
tpunto1 : = 1.0014095342495
tduepunti0 : = -7.9617508307581E+15
v=v_elettrone : = 10089286.574369
x0= : -1.4811557866235E-12
y0= : -2.0069959295112E-12
*****
i=29011
k(29011)=0.99957359478539
kQ(29011)=0.99914737139219
r1= : 2.4964192220981E-12
rpunto1 : = 8753867.9188764
rduepunti0 : = -3.0626601755384E+25
fil : = 487.88235342712
fipunto1 : = 2.0023117299897E+18
fi_gradi : = 27953.599750284
t1 : = 1.0808844995778E-14
tpunto1 : = 1.0014086016587
tduepunti0 : = -7.9519198819189E+15
v=v_elettrone : = 10085141.945371
x0= : -1.4812935955513E-12
y0= : -2.0081711354562E-12
*****
i=29012
k(29012)=0.99957394446888
kQ(29012)=0.99914807046108
r1= : 2.4974458642892E-12
rpunto1 : = 8750278.5415309
rduepunti0 : = -3.0605536637627E+25
fil : = 487.88258825562
fipunto1 : = 2.0006648449764E+18
fi_gradi : = 27953.613204966
t1 : = 1.0808845113221E-14
tpunto1 : = 1.0014076702188
tduepunti0 : = -7.9421073691253E+15
v=v_elettrone : = 10081000.729144
x0= : -1.4814310727627E-12
y0= : -2.0093458908595E-12
```

```
*****
i=29013
k(29013)=0.99957429376865
kQ(29013)=0.99914876876309
r1= : 2.4984720855229E-12
rpunto1 : = 8746691.6312126
rduepunti0 : = -3.0584501040659E+25
fil : = 487.88282289098
fipunto1 : = 1.9990206653971E+18
fi_gradi : = 27953.626648582
t1 : = 1.0808845230665E-14
tpunto1 : = 1.0014067399274
tduepunti0 : = -7.9323132452045E+15
v=v_elettrone : = 10076862.919749
x0= : -1.4815682186361E-12
y0= : -2.0105201960146E-12
*****
i=29014
k(29014)=0.99957464268531
kQ(29014)=0.99914946629947
r1= : 2.4994978860883E-12
rpunto1 : = 8743107.1844663
rduepunti0 : = -3.0563494906913E+25
fil : = 487.88305733351
fipunto1 : = 1.9973791849572E+18
fi_gradi : = 27953.640081149
t1 : = 1.0808845348109E-14
tpunto1 : = 1.0014058107826
tduepunti0 : = -7.922537463136E+15
v=v_elettrone : = 10072728.511216
x0= : -1.4817050335492E-12
y0= : -2.0116940512145E-12
*****
i=29015
k(29015)=0.99957499121952
kQ(29015)=0.9991501630715
r1= : 2.5005232662746E-12
rpunto1 : = 8739525.1978432
rduepunti0 : = -3.0542518178969E+25
fil : = 487.88329158353
fipunto1 : = 1.9957403973814E+18
fi_gradi : = 27953.653502687
t1 : = 1.0808845465552E-14
tpunto1 : = 1.0014048827821
tduepunti0 : = -7.9127799760511E+15
v=v_elettrone : = 10068597.499392
x0= : -1.4818415178791E-12
y0= : -2.0128674567517E-12
*****
i=29016
k(29016)=0.99957533937189
kQ(29016)=0.99915085908042
r1= : 2.5015482263701E-12
rpunto1 : = 8735945.6679014
rduepunti0 : = -3.0521570799544E+25
fil : = 487.88352564136
fipunto1 : = 1.9941042964133E+18
fi_gradi : = 27953.666913212
t1 : = 1.0808845582996E-14
tpunto1 : = 1.0014039559238
tduepunti0 : = -7.9030407372318E+15
v=v_elettrone : = 10064469.877682
x0= : -1.481977672002E-12
y0= : -2.0140404129183E-12
```

```

*****
i=29017
k(29017)=0.99957568714305
kQ(29017)=0.9991515543275
r1= : 2.5025727666631E-12
rpunto1 : = 8732368.5912056
rduepunti0 : = -3.0500652711501E+25
fil : = 487.8837595073
fipunto1 : = 1.9924708758152E+18
fi_gradi : = 27953.680312744
t1 : = 1.0808845700439E-14
tpunto1 : = 1.0014030302056
tduepunti0 : = -7.8933197001106E+15
v=v_elettrone : = 10060345.641306
x0= : -1.4821134962938E-12
y0= : -2.0152129200061E-12
*****
i=29018
k(29018)=0.99957603453363
kQ(29018)=0.99915224881397
r1= : 2.5035968874411E-12
rpunto1 : = 8728793.9643273
rduepunti0 : = -3.047976385784E+25
fil : = 487.88399318168
fipunto1 : = 1.9908401293684E+18
fi_gradi : = 27953.6937013
t1 : = 1.0808845817882E-14
tpunto1 : = 1.0014021056253
tduepunti0 : = -7.8836168182697E+15
v=v_elettrone : = 10056224.784848
x0= : -1.4822489911293E-12
y0= : -2.0163849783064E-12
*****
i=29019
k(29019)=0.99957638154425
kQ(29019)=0.9991529425411
r1= : 2.5046205889916E-12
rpunto1 : = 8725221.7838446
rduepunti0 : = -3.0458904181705E+25
fil : = 487.88422666481
fipunto1 : = 1.9892120508726E+18
fi_gradi : = 27953.707078898
t1 : = 1.0808845935326E-14
tpunto1 : = 1.0014011821808
tduepunti0 : = -7.8739320454407E+15
v=v_elettrone : = 10052107.303507
x0= : -1.482384156883E-12
y0= : -2.0175565881103E-12
*****
i=29020
k(29020)=0.99957672817554
kQ(29020)=0.99915363551013
r1= : 2.5056438716015E-12
rpunto1 : = 8721652.0463421
rduepunti0 : = -3.0438073626377E+25
fil : = 487.884459957
fipunto1 : = 1.9875866341465E+18
fi_gradi : = 27953.720445556
t1 : = 1.0808846052769E-14
tpunto1 : = 1.0014002598701
tduepunti0 : = -7.8642653355039E+15
v=v_elettrone : = 10047993.19125
x0= : -1.4825189939284E-12
y0= : -2.0187277497083E-12

```

```
*****
i=29021
k(29021)=0.99957707442813
kQ(29021)=0.99915432772229
r1= : 2.5066667355572E-12
rpunto1: = 8718084.7484114
rduepunti0 : = -3.0417272135279E+25
fil : = 487.88469305857
fipunto1 : = 1.9859638730272E+18
fi_gradi : = 27953.733801291
t1 : = 1.0808846170212E-14
tpunto1 : = 1.0013993386909
tduepunti0 : = -7.8546166424874E+15
v=v_elettrone : = 10043882.442644
x0= : -1.4826535026385E-12
y0= : -2.0198984633906E-12
*****
i=29022
k(29022)=0.99957742030262
kQ(29022)=0.99915501917884
r1= : 2.5076891811448E-12
rpunto1: = 8714519.8866504
rduepunti0 : = -3.0396499651973E+25
fil : = 487.88492596981
fipunto1 : = 1.9843437613702E+18
fi_gradi : = 27953.747146123
t1 : = 1.0808846287654E-14
tpunto1 : = 1.0013984186412
tduepunti0 : = -7.844985920567E+15
v=v_elettrone : = 10039775.053447
x0= : -1.4827876833857E-12
y0= : -2.021068729447E-12
*****
i=29023
k(29023)=0.99957776579965
kQ(29023)=0.99915570988101
r1= : 2.5087112086501E-12
rpunto1: = 8710957.4576636
rduepunti0 : = -3.037575612016E+25
fil : = 487.88515869106
fipunto1 : = 1.9827262930497E+18
fi_gradi : = 27953.760480068
t1 : = 1.0808846405097E-14
tpunto1 : = 1.0013974997189
tduepunti0 : = -7.8353731240654E+15
v=v_elettrone : = 10035671.017591
x0= : -1.4829215365413E-12
y0= : -2.022238548167E-12
*****
i=29024
k(29024)=0.99957811091982
kQ(29024)=0.99915639983004
r1= : 2.5097328183584E-12
rpunto1: = 8707397.4580624
rduepunti0 : = -3.0355041483678E+25
fil : = 487.88539122261
fipunto1 : = 1.981111461958E+18
fi_gradi : = 27953.773803144
t1 : = 1.080884652254E-14
tpunto1 : = 1.0013965819218
tduepunti0 : = -7.8257782074516E+15
v=v_elettrone : = 10031570.330204
x0= : -1.4830550624765E-12
y0= : -2.0234079198396E-12
```



```

*****
i=29025
k(29025)=0.99957845566376
kQ(29025)=0.99915708902715
r1= : 2.5107540105546E-12
rpunto1:= 8703839.8844644
rduepunti0 := -3.0334355686506E+25
fil := 487.88562356477
fipunto1 := 1.9794992620059E+18
fi_gradi := 27953.78711537
t1 := 1.0808846639982E-14
tpunto1 := 1.001395665248
tduepunti0 := -7.8162011253407E+15
v=v_elettrone := 10027472.985824
x0= : -1.4831882615614E-12
y0= : -2.0245768447534E-12
*****
i=29026
k(29026)=0.99957880003209
kQ(29026)=0.99915777747359
r1= : 2.5117747855233E-12
rpunto1:= 8700284.733494
rduepunti0 := -3.0313698672758E+25
fil := 487.88585571786
fipunto1 := 1.9778896871224E+18
fi_gradi := 27953.800416762
t1 := 1.0808846757425E-14
tpunto1 := 1.0013947496952
tduepunti0 := -7.8066418324925E+15
v=v_elettrone := 10023378.979545
x0= : -1.4833211341657E-12
y0= : -2.0257453231968E-12
*****
i=29027
k(29027)=0.99957914402541
kQ(29027)=0.99915846517056
r1= : 2.5127951435484E-12
rpunto1:= 8696732.0017821
rduepunti0 := -3.0293070386688E+25
fil := 487.88608768217
fipunto1 := 1.9762827312546E+18
fi_gradi := 27953.813707338
t1 := 1.0808846874867E-14
tpunto1 := 1.0013938352615
tduepunti0 := -7.797100283812E+15
v=v_elettrone := 10019288.305263
x0= : -1.4834536806581E-12
y0= : -2.0269133554576E-12
*****
i=29028
k(29028)=0.99957948764433
kQ(29028)=0.99915915211931
r1= : 2.5138150849138E-12
rpunto1:= 8693181.6859659
rduepunti0 := -3.0272470772684E+25
fil := 487.88631945803
fipunto1 := 1.9746783883677E+18
fi_gradi := 27953.826987117
t1 := 1.0808846992309E-14
tpunto1 := 1.0013929219447
tduepunti0 := -7.787576434348E+15
v=v_elettrone := 10015200.958674
x0= : -1.4835859014071E-12
y0= : -2.0280809418232E-12

```

```
*****
i=29029
k(29029)=0.99957983088948
kQ(29029)=0.99915983832104
r1= : 2.5148346099029E-12
rpunto1: = 8689633.7826895
rduepunti0 : = -3.0251899775273E+25
fil : = 487.88655104573
fipunto1 : = 1.973076652445E+18
fi_gradi : = 27953.840256114
t1 : = 1.0808847109751E-14
tpunto1 : = 1.0013920097428
tduepunti0 : = -7.778070239293E+15
v=v_elettrone : = 10011116.934254
x0= : -1.4837177967802E-12
y0= : -2.0292480825809E-12
*****
i=29030
k(29030)=0.99958017376146
kQ(29030)=0.99916052377699
r1= : 2.5158537187984E-12
rpunto1: = 8686088.2886031
rduepunti0 : = -3.0231357339117E+25
fil : = 487.88678244558
fipunto1 : = 1.9714775174878E+18
fi_gradi : = 27953.853514349
t1 : = 1.0808847227193E-14
tpunto1 : = 1.0013910986537
tduepunti0 : = -7.7685816539825E+15
v=v_elettrone : = 10007036.227066
x0= : -1.4838493671443E-12
y0= : -2.0304147780173E-12
*****
i=29031
k(29031)=0.99958051626088
kQ(29031)=0.99916120848836
r1= : 2.5168724118831E-12
rpunto1: = 8682545.2003636
rduepunti0 : = -3.0210843409014E+25
fil : = 487.88701365789
fipunto1 : = 1.9698809775152E+18
fi_gradi : = 27953.866761839
t1 : = 1.0808847344635E-14
tpunto1 : = 1.0013901886753
tduepunti0 : = -7.7591106338944E+15
v=v_elettrone : = 10002958.831571
x0= : -1.4839806128656E-12
y0= : -2.0315810284188E-12
*****
i=29032
k(29032)=0.99958085838834
kQ(29032)=0.99916189245637
r1= : 2.517890689439E-12
rpunto1: = 8679004.5146344
rduepunti0 : = -3.0190357929898E+25
fil : = 487.88724468296
fipunto1 : = 1.9682870265643E+18
fi_gradi : = 27953.8799986
t1 : = 1.0808847462077E-14
tpunto1 : = 1.0013892798057
tduepunti0 : = -7.7496571346485E+15
v=v_elettrone : = 9998884.7428005
x0= : -1.4841115343098E-12
y0= : -2.0327468340713E-12
```

```
*****
i=29033
k(29033)=0.99958120014446
kQ(29033)=0.99916257568223
r1= : 2.5189085517479E-12
rpunto1: = 8675466.2280851
rduepunti0 : = -3.0169900846837E+25
fil : = 487.88747552109
fipunto1 : = 1.9666956586897E+18
fi_gradi : = 27953.893224651
t1 : = 1.0808847579518E-14
tpunto1 : = 1.0013883720426
tduepunti0 : = -7.7402211120062E+15
v=v_elettrone : = 9994813.9552028
x0= : -1.4842421318418E-12
y0= : -2.0339121952605E-12
*****
i=29034
k(29034)=0.99958154152983
kQ(29034)=0.99916325816715
r1= : 2.5199259990911E-12
rpunto1: = 8671930.337392
rduepunti0 : = -3.0149472105034E+25
fil : = 487.88770617259
fipunto1 : = 1.965106867964E+18
fi_gradi : = 27953.906440008
t1 : = 1.080884769696E-14
tpunto1 : = 1.0013874653842
tduepunti0 : = -7.7308025218694E+15
v=v_elettrone : = 9990746.4643957
x0= : -1.484372405826E-12
y0= : -2.0350771122714E-12
*****
i=29035
k(29035)=0.99958188254506
kQ(29035)=0.99916393991233
r1= : 2.5209430317498E-12
rpunto1: = 8668396.8392376
rduepunti0 : = -3.0129071649827E+25
fil : = 487.88793663775
fipunto1 : = 1.9635206484773E+18
fi_gradi : = 27953.919644689
t1 : = 1.0808847814401E-14
tpunto1 : = 1.0013865598284
tduepunti0 : = -7.7214013202805E+15
v=v_elettrone : = 9986682.2647983
x0= : -1.4845023566258E-12
y0= : -2.0362415853891E-12
*****
i=29036
k(29036)=0.99958222319076
kQ(29036)=0.99916462091898
r1= : 2.5219596500044E-12
rpunto1: = 8664865.730311
rduepunti0 : = -3.0108699426686E+25
fil : = 487.88816691689
fipunto1 : = 1.9619369943372E+18
fi_gradi : = 27953.932838712
t1 : = 1.0808847931842E-14
tpunto1 : = 1.001385655373
tduepunti0 : = -7.7120174634215E+15
v=v_elettrone : = 9982621.3514049
x0= : -1.4846319846044E-12
y0= : -2.0374056148978E-12
```

```
*****
i=29037
k(29037)=0.99958256346752
kQ(29037)=0.9991653011883
r1= : 2.5229758541351E-12
rpunto1: = 8661337.0073073
rduepunti0 : = -3.0088355381217E+25
fil : = 487.88839701029
fipunto1 : = 1.9603558996691E+18
fi_gradi : = 27953.946022093
t1 : = 1.0808848049284E-14
tpunto1 : = 1.0013847520162
tduepunti0 : = -7.7026509076138E+15
v=v_elettrone : = 9978563.719215
x0= : -1.4847612901241E-12
y0= : -2.0385692010818E-12
*****
i=29038
k(29038)=0.99958290337594
kQ(29038)=0.99916598072147
r1= : 2.5239916444218E-12
rpunto1: = 8657810.6669285
rduepunti0 : = -3.0068039459157E+25
fil : = 487.88862691827
fipunto1 : = 1.9587773586156E+18
fi_gradi : = 27953.95919485
t1 : = 1.0808848166725E-14
tpunto1 : = 1.0013838497558
tduepunti0 : = -7.6933016093174E+15
v=v_elettrone : = 9974509.3632146
x0= : -1.4848902735464E-12
y0= : -2.0397323442246E-12
*****
i=29039
k(29039)=0.99958324291662
kQ(29039)=0.99916665951971
r1= : 2.525007021144E-12
rpunto1: = 8654286.7058826
rduepunti0 : = -3.0047751606375E+25
fil : = 487.88885664112
fipunto1 : = 1.9572013653367E+18
fi_gradi : = 27953.972357
t1 : = 1.0808848284166E-14
tpunto1 : = 1.0013829485899
tduepunti0 : = -7.6839695251304E+15
v=v_elettrone : = 9970458.2777646
x0= : -1.4850189352324E-12
y0= : -2.0408950446097E-12
*****
i=29040
k(29040)=0.99958358209016
kQ(29040)=0.9991673375842
r1= : 2.5260219845806E-12
rpunto1: = 8650765.1208839
rduepunti0 : = -3.0027491768876E+25
fil : = 487.88908617914
fipunto1 : = 1.9556279140099E+18
fi_gradi : = 27953.985508559
t1 : = 1.0808848401607E-14
tpunto1 : = 1.0013820485165
tduepunti0 : = -7.6746546117885E+15
v=v_elettrone : = 9966410.4578354
x0= : -1.4851472755425E-12
y0= : -2.04205730252E-12
```

```

*****
i=29041
k(29041)=0.99958392089716
kQ(29041)=0.99916801491613
r1= : 2.5270365350102E-12
rpunto1: = 8647245.9086532
rduepunti0 : = -3.0007259892792E+25
fil : = 487.88931553263
fipunto1 : = 1.9540569988297E+18
fi_gradi : = 27953.998649546
t1 : = 1.0808848519047E-14
tpunto1 : = 1.0013811495334
tduepunti0 : = -7.6653568261645E+15
v=v_elettrone : = 9962365.8995794
x0= : -1.4852752948365E-12
y0= : -2.0432191182379E-12
*****
i=29042
k(29042)=0.9995842593382
kQ(29042)=0.99916869151669
r1= : 2.5280506727113E-12
rpunto1: = 8643729.0659175
rduepunti0 : = -2.9987055924391E+25
fil : = 487.88954470188
fipunto1 : = 1.9524886140081E+18
fi_gradi : = 27954.011779977
t1 : = 1.0808848636488E-14
tpunto1 : = 1.0013802516388
tduepunti0 : = -7.656076125268E+15
v=v_elettrone : = 9958324.5961291
x0= : -1.4854029934733E-12
y0= : -2.0443804920457E-12
*****
i=29043
k(29043)=0.99958459741388
kQ(29043)=0.99916936738706
r1= : 2.5290643979617E-12
rpunto1: = 8640214.5894102
rduepunti0 : = -2.9966879810069E+25
fil : = 487.88977368719
fipunto1 : = 1.950922753774E+18
fi_gradi : = 27954.024899869
t1 : = 1.0808848753929E-14
tpunto1 : = 1.0013793548307
tduepunti0 : = -7.6468124662443E+15
v=v_elettrone : = 9954286.5442347
x0= : -1.4855303718116E-12
y0= : -2.0455414242253E-12
*****
i=29044
k(29044)=0.99958493512479
kQ(29044)=0.99917004252842
r1= : 2.5300777110388E-12
rpunto1: = 8636702.4758707
rduepunti0 : = -2.9946731496355E+25
fil : = 487.89000248886
fipunto1 : = 1.9493594123736E+18
fi_gradi : = 27954.038009239
t1 : = 1.0808848871369E-14
tpunto1 : = 1.0013784591069
tduepunti0 : = -7.6375658063744E+15
v=v_elettrone : = 9950251.7376049
x0= : -1.485657430209E-12
y0= : -2.046701915058E-12

```

```
*****
i=29045
k(29045)=0.99958527247152
kQ(29045)=0.99917071694196
r1= : 2.5310906122199E-12
rpunto1: = 8633192.722045
rduepunti0 : = -2.9926610929905E+25
fil : = 487.89023110719
fipunto1 : = 1.9477985840698E+18
fi_gradi : = 27954.051108104
t1 : = 1.0808848988809E-14
tpunto1 : = 1.0013775644656
tduepunti0 : = -7.6283361030744E+15
v=v_elettrone : = 9946220.1717455
x0= : -1.4857841690227E-12
y0= : -2.047861964825E-12
*****
i=29046
k(29046)=0.99958560945466
kQ(29046)=0.99917139062885
r1= : 2.5321031017816E-12
rpunto1: = 8629685.3246851
rduepunti0 : = -2.990651805751E+25
fil : = 487.89045954246
fipunto1 : = 1.9462402631427E+18
fi_gradi : = 27954.064196481
t1 : = 1.080884910625E-14
tpunto1 : = 1.0013766709048
tduepunti0 : = -7.6191233138947E+15
v=v_elettrone : = 9942191.8409711
x0= : -1.4859105886093E-12
y0= : -2.049021573807E-12
*****
i=29047
k(29047)=0.9995859460748
kQ(29047)=0.99917206359026
r1= : 2.5331151800004E-12
rpunto1: = 8626180.2805494
rduepunti0 : = -2.9886452826086E+25
fil : = 487.89068779498
fipunto1 : = 1.9446844438892E+18
fi_gradi : = 27954.077274387
t1 : = 1.080884922369E-14
tpunto1 : = 1.0013757784225
tduepunti0 : = -7.6099273965199E+15
v=v_elettrone : = 9938166.7413654
x0= : -1.4860366893247E-12
y0= : -2.0501807422842E-12
*****
i=29048
k(29048)=0.99958628233253
kQ(29048)=0.99917273582737
r1= : 2.5341268471521E-12
rpunto1: = 8622677.5864022
rduepunti0 : = -2.9866415182682E+25
fil : = 487.89091586503
fipunto1 : = 1.9431311206231E+18
fi_gradi : = 27954.090341838
t1 : = 1.080884934113E-14
tpunto1 : = 1.0013748870166
tduepunti0 : = -7.600748308768E+15
v=v_elettrone : = 9934144.867825
x0= : -1.4861624715242E-12
y0= : -2.0513394705366E-12
```

```
*****
i=29049
k(29049)=0.99958661822842
kQ(29049)=0.99917340734134
r1= : 2.5351381035125E-12
rpunto1: = 8619177.2390145
rduepunti0 : = -2.9846405074472E+25
fil : = 487.89114375291
fipunto1 : = 1.9415802876749E+18
fi_gradi : = 27954.103398852
t1 : = 1.080884945857E-14
tpunto1 : = 1.0013739966854
tduepunti0 : = -7.5915860085898E+15
v=v_elettrone : = 9930126.2146105
x0= : -1.4862879355622E-12
y0= : -2.0524977588439E-12
*****
i=29050
k(29050)=0.99958695376307
kQ(29050)=0.99917407813334
r1= : 2.5361489493567E-12
rpunto1: = 8615679.2351629
rduepunti0 : = -2.9826422448762E+25
fil : = 487.8913714589
fipunto1 : = 1.9400319393918E+18
fi_gradi : = 27954.116445445
t1 : = 1.080884957601E-14
tpunto1 : = 1.0013731074266
tduepunti0 : = -7.5824404540688E+15
v=v_elettrone : = 9926110.77718
x0= : -1.4864130817929E-12
y0= : -2.0536556074853E-12
*****
i=29051
k(29051)=0.99958728893706
kQ(29051)=0.99917474820454
r1= : 2.5371593849595E-12
rpunto1: = 8612183.5716306
rduepunti0 : = -2.9806467252984E+25
fil : = 487.89159898332
fipunto1 : = 1.9384860701378E+18
fi_gradi : = 27954.129481633
t1 : = 1.0808849693449E-14
tpunto1 : = 1.0013722192386
tduepunti0 : = -7.5733116034203E+15
v=v_elettrone : = 9922098.5510047
x0= : -1.4865379105696E-12
y0= : -2.0548130167396E-12
*****
i=29052
k(29052)=0.99958762375096
kQ(29052)=0.99917541755609
r1= : 2.5381694105955E-12
rpunto1: = 8608690.2452069
rduepunti0 : = -2.97865394347E+25
fil : = 487.89182632643
fipunto1 : = 1.9369426742932E+18
fi_gradi : = 27954.142507434
t1 : = 1.0808849810889E-14
tpunto1 : = 1.0013713321191
tduepunti0 : = -7.5641994149913E+15
v=v_elettrone : = 9918089.530309
x0= : -1.4866624222449E-12
y0= : -2.0559699868853E-12
```

```
*****
i=29053
k(29053)=0.99958795820536
kQ(29053)=0.99917608618915
r1= : 2.5391790265388E-12
rpunto1: = 8605199.2526869
rduepunti0 : = -2.9766638941596E+25
fil : = 487.89205348853
fipunto1 : = 1.9354017462551E+18
fi_gradi : = 27954.155522864
t1 : = 1.0808849928328E-14
tpunto1 : = 1.0013704460664
tduepunti0 : = -7.5551038472594E+15
v=v_elettrone : = 9914083.7105341
x0= : -1.4867866171712E-12
y0= : -2.0571265182005E-12
*****
i=29054
k(29054)=0.99958829230083
kQ(29054)=0.99917675410489
r1= : 2.540188233063E-12
rpunto1: = 8601710.5908723
rduepunti0 : = -2.9746765721488E+25
fil : = 487.89228046992
fipunto1 : = 1.9338632804369E+18
fi_gradi : = 27954.16852794
t1 : = 1.0808850045768E-14
tpunto1 : = 1.0013695610785
tduepunti0 : = -7.5460248588329E+15
v=v_elettrone : = 9910081.0871063
x0= : -1.4869104956998E-12
y0= : -2.0582826109629E-12
*****
i=29055
k(29055)=0.99958862603796
kQ(29055)=0.99917742130445
r1= : 2.5411970304415E-12
rpunto1: = 8598224.2565705
rduepunti0 : = -2.9726919722317E+25
fil : = 487.89250727088
fipunto1 : = 1.9323272712685E+18
fi_gradi : = 27954.181522677
t1 : = 1.0808850163207E-14
tpunto1 : = 1.0013686771534
tduepunti0 : = -7.5369624084502E+15
v=v_elettrone : = 9906081.6548412
x0= : -1.4870340581815E-12
y0= : -2.0594382654501E-12
*****
i=29056
k(29056)=0.99958895941731
kQ(29056)=0.99917808778899
r1= : 2.5422054189473E-12
rpunto1: = 8594740.2465952
rduepunti0 : = -2.9707100892152E+25
fil : = 487.8927338917
fipunto1 : = 1.9307937131961E+18
fi_gradi : = 27954.194507094
t1 : = 1.0808850280646E-14
tpunto1 : = 1.0013677942892
tduepunti0 : = -7.5279164549788E+15
v=v_elettrone : = 9902085.4085389
x0= : -1.4871573049667E-12
y0= : -2.0605934819389E-12
```



```
*****
i=29057
k(29057)=0.99958929243947
kQ(29057)=0.99917875355965
r1= : 2.543213398853E-12
rpunto1: = 8591258.5577661
rduepunti0 : = -2.9687309179187E+25
fil : = 487.89296033266
fipunto1 : = 1.9292626006823E+18
fi_gradi : = 27954.207481205
t1 : = 1.0808850398086E-14
tpunto1 : = 1.0013669124839
tduepunti0 : = -7.5188869574155E+15
v=v_elettrone : = 9898092.3442074
x0= : -1.4872802364049E-12
y0= : -2.0617482607061E-12
*****
i=29058
k(29058)=0.99958962510501
kQ(29058)=0.99917941861758
r1= : 2.5442209704307E-12
rpunto1: = 8587779.186909
rduepunti0 : = -2.966754453174E+25
fil : = 487.89318659406
fipunto1 : = 1.9277339282057E+18
fi_gradi : = 27954.220445028
t1 : = 1.0808850515525E-14
tpunto1 : = 1.0013660317357
tduepunti0 : = -7.5098738748855E+15
v=v_elettrone : = 9894102.4560132
x0= : -1.4874028528451E-12
y0= : -2.0629026020279E-12
*****
i=29059
k(29059)=0.9995899574145
kQ(29059)=0.99918008296392
r1= : 2.5452281339523E-12
rpunto1: = 8584302.1308559
rduepunti0 : = -2.9647806898258E+25
fil : = 487.89341267618
fipunto1 : = 1.9262076902614E+18
fi_gradi : = 27954.233398579
t1 : = 1.0808850632963E-14
tpunto1 : = 1.0013651520427
tduepunti0 : = -7.500877166642E+15
v=v_elettrone : = 9890115.7393446
x0= : -1.4875251546357E-12
y0= : -2.0640565061803E-12
*****
i=29060
k(29060)=0.99959028936851
kQ(29060)=0.99918074659982
r1= : 2.5462348896894E-12
rpunto1: = 8580827.3864444
rduepunti0 : = -2.9628096227308E+25
fil : = 487.8936385793
fipunto1 : = 1.9246838813602E+18
fi_gradi : = 27954.246341875
t1 : = 1.0808850750402E-14
tpunto1 : = 1.0013642734028
tduepunti0 : = -7.4918967920657E+15
v=v_elettrone : = 9886132.1901819
x0= : -1.4876471421246E-12
y0= : -2.0652099734388E-12
```

```

*****
i=29061
k(29061)=0.99959062096761
kQ(29061)=0.99918140952641
r1= : 2.547241237913E-12
rpunto1: = 8577354.9505186
rduepunti0 : = -2.9608412467587E+25
fil : = 487.89386430371
fipunto1 : = 1.9231624960294E+18
fi_gradi : = 27954.259274931
t1 : = 1.0808850867841E-14
tpunto1 : = 1.0013633958142
tduepunti0 : = -7.4829327106646E+15
v=v_elettrone : = 9882151.8020511
x0= : -1.4877688156586E-12
y0= : -2.0663630040788E-12
*****
i=29062
k(29062)=0.99959095221237
kQ(29062)=0.99918207174484
r1= : 2.5482471788938E-12
rpunto1: = 8573884.8199283
rduepunti0 : = -2.9588755567911E+25
fil : = 487.89408984969
fipunto1 : = 1.9216435288121E+18
fi_gradi : = 27954.272197764
t1 : = 1.080885098528E-14
tpunto1 : = 1.0013625192751
tduepunti0 : = -7.4739848820729E+15
v=v_elettrone : = 9878174.5721406
x0= : -1.4878901755847E-12
y0= : -2.0675155983748E-12
*****
i=29063
k(29063)=0.99959128310336
kQ(29063)=0.99918273325622
r1= : 2.5492527129023E-12
rpunto1: = 8570416.9915293
rduepunti0 : = -2.9569125477223E+25
fil : = 487.89431521753
fipunto1 : = 1.9201269742671E+18
fi_gradi : = 27954.28511039
t1 : = 1.0808851102718E-14
tpunto1 : = 1.0013616437834
tduepunti0 : = -7.4650532660512E+15
v=v_elettrone : = 9874200.493966
x0= : -1.4880112222484E-12
y0= : -2.0686677566017E-12
*****
i=29064
k(29064)=0.99959161364114
kQ(29064)=0.9991833940617
r1= : 2.5502578402084E-12
rpunto1: = 8566951.4621837
rduepunti0 : = -2.9549522144588E+25
fil : = 487.89454040752
fipunto1 : = 1.9186128269696E+18
fi_gradi : = 27954.298012826
t1 : = 1.0808851220156E-14
tpunto1 : = 1.0013607693373
tduepunti0 : = -7.4561378224855E+15
v=v_elettrone : = 9870229.5634636
x0= : -1.4881319559952E-12
y0= : -2.0698194790333E-12

```

```
*****
i=29065
k(29065)=0.99959194382628
kQ(29065)=0.99918405416241
r1= : 2.5512625610817E-12
rpunto1: = 8563488.228759
rduepunti0 : = -2.9529945519196E+25
fil : = 487.89476541992
fipunto1 : = 1.9171010815103E+18
fi_gradi : = 27954.310905087
t1 : = 1.0808851337595E-14
tpunto1 : = 1.0013598959349
tduepunti0 : = -7.4472385113871E+15
v=v_elettrone : = 9866261.7753451
x0= : -1.4882523771698E-12
y0= : -2.0709707659435E-12
*****
i=29066
k(29066)=0.99959227365934
kQ(29066)=0.99918471355946
r1= : 2.5522668757915E-12
rpunto1: = 8560027.2881292
rduepunti0 : = -2.9510395550357E+25
fil : = 487.89499025503
fipunto1 : = 1.9155917324956E+18
fi_gradi : = 27954.32378719
t1 : = 1.0808851455033E-14
tpunto1 : = 1.0013590235743
tduepunti0 : = -7.4383552928919E+15
v=v_elettrone : = 9862297.1255375
x0= : -1.4883724861164E-12
y0= : -2.0721216176057E-12
*****
i=29067
k(29067)=0.99959260314089
kQ(29067)=0.99918537225399
r1= : 2.5532707846068E-12
rpunto1: = 8556568.6371738
rduepunti0 : = -2.9490872187506E+25
fil : = 487.89521491313
fipunto1 : = 1.9140847745478E+18
fi_gradi : = 27954.33665915
t1 : = 1.0808851572471E-14
tpunto1 : = 1.0013581522536
tduepunti0 : = -7.42948812726E+15
v=v_elettrone : = 9858335.6093585
x0= : -1.4884922831783E-12
y0= : -2.0732720342929E-12
*****
i=29068
k(29068)=0.99959293227149
kQ(29068)=0.99918603024711
r1= : 2.5542742877959E-12
rpunto1: = 8553112.2727785
rduepunti0 : = -2.9471375380198E+25
fil : = 487.89543939449
fipunto1 : = 1.9125802023049E+18
fi_gradi : = 27954.349520985
t1 : = 1.0808851689909E-14
tpunto1 : = 1.001357281971
tduepunti0 : = -7.4206369748754E+15
v=v_elettrone : = 9854377.2208605
x0= : -1.4886117686985E-12
y0= : -2.074422016278E-12
```

```
*****
i=29069
k(29069)=0.99959326105169
kQ(29069)=0.99918668753994
r1= : 2.5552773856272E-12
rpunto1 : = 8549658.1918348
rduepunti0 : = -2.945190507811E+25
fil : = 487.8956636994
fipunto1 : = 1.9110780104203E+18
fi_gradi : = 27954.36237271
t1 : = 1.0808851807347E-14
tpunto1 : = 1.0013564127246
tduepunti0 : = -7.4118017962452E+15
v=v_elettrone : = 9850421.9565707
x0= : -1.4887309430192E-12
y0= : -2.0755715638331E-12
*****
i=29070
k(29070)=0.99959358948205
kQ(29070)=0.99918734413361
r1= : 2.5562800783684E-12
rpunto1 : = 8546206.3912401
rduepunti0 : = -2.9432461231042E+25
fil : = 487.89588782813
fipunto1 : = 1.9095781935631E+18
fi_gradi : = 27954.37521434
t1 : = 1.0808851924785E-14
tpunto1 : = 1.0013555445125
tduepunti0 : = -7.4029825519993E+15
v=v_elettrone : = 9846469.8111501
x0= : -1.4888498064822E-12
y0= : -2.0767206772303E-12
*****
i=29071
k(29071)=0.99959391756314
kQ(29071)=0.99918800002922
r1= : 2.5572823662869E-12
rpunto1 : = 8542756.8678976
rduepunti0 : = -2.9413043788913E+25
fil : = 487.89611178096
fipunto1 : = 1.9080807464179E+18
fi_gradi : = 27954.388045892
t1 : = 1.0808852042222E-14
tpunto1 : = 1.0013546773328
tduepunti0 : = -7.3941792028902E+15
v=v_elettrone : = 9842520.7798561
x0= : -1.4889683594285E-12
y0= : -2.0778693567411E-12
*****
i=29072
k(29072)=0.99959424529551
kQ(29072)=0.99918865522789
r1= : 2.5582842496498E-12
rpunto1 : = 8539309.6187165
rduepunti0 : = -2.9393652701764E+25
fil : = 487.89633555818
fipunto1 : = 1.9065856636847E+18
fi_gradi : = 27954.400867382
t1 : = 1.080885215966E-14
tpunto1 : = 1.0013538111837
tduepunti0 : = -7.3853917097919E+15
v=v_elettrone : = 9838574.8579585
x0= : -1.4890866021986E-12
y0= : -2.079017602637E-12
```

```
*****
i=29073
k(29073)=0.99959457267971
kQ(29073)=0.99918930973073
r1= : 2.5592857287238E-12
rpunto1: = 8535864.6406118
rduepunti0 : = -2.9374287919755E+25
fil : = 487.89655916005
fipunto1 : = 1.9050929400787E+18
fi_gradi : = 27954.413678826
t1 : = 1.0808852277097E-14
tpunto1 : = 1.0013529460633
tduepunti0 : = -7.3766200337003E+15
v=v_elettrone : = 9834632.04071
x0= : -1.4892045351323E-12
y0= : -2.0801654151888E-12
*****
i=29074
k(29074)=0.9995948997163
kQ(29074)=0.99918996353883
r1= : 2.5602868037753E-12
rpunto1: = 8532421.9305041
rduepunti0 : = -2.9354949393167E+25
fil : = 487.89678258687
fipunto1 : = 1.9036025703309E+18
fi_gradi : = 27954.426480239
t1 : = 1.0808852394535E-14
tpunto1 : = 1.0013520819699
tduepunti0 : = -7.3678641357318E+15
v=v_elettrone : = 9830692.3239517
x0= : -1.4893221585691E-12
y0= : -2.081312794667E-12
*****
i=29075
k(29075)=0.99959522640583
kQ(29075)=0.99919061665332
r1= : 2.5612874750703E-12
rpunto1: = 8528981.4853202
rduepunti0 : = -2.9335637072401E+25
fil : = 487.89700583889
fipunto1 : = 1.902114549187E+18
fi_gradi : = 27954.439271638
t1 : = 1.0808852511972E-14
tpunto1 : = 1.0013512189014
tduepunti0 : = -7.3591239771238E+15
v=v_elettrone : = 9826755.7023092
x0= : -1.4894394728476E-12
y0= : -2.0824597413419E-12
*****
i=29076
k(29076)=0.99959555274885
kQ(29076)=0.99919126907528
r1= : 2.5622877428744E-12
rpunto1: = 8525543.3019925
rduepunti0 : = -2.9316350907977E+25
fil : = 487.8972289164
fipunto1 : = 1.9006288714084E+18
fi_gradi : = 27954.452053038
t1 : = 1.0808852629409E-14
tpunto1 : = 1.0013503568562
tduepunti0 : = -7.3503995192335E+15
v=v_elettrone : = 9822822.1716253
x0= : -1.4895564783058E-12
y0= : -2.0836062554833E-12
```

```
*****
i=29077
k(29077)=0.99959587874592
kQ(29077)=0.99919192080583
r1= : 2.5632876074528E-12
rpunto1 : = 8522107.3774591
rduepunti0 : = -2.9297090850532E+25
fil : = 487.89745181967
fipunto1 : = 1.8991455317714E+18
fi_gradi : = 27954.464824454
t1 : = 1.0808852746846E-14
tpunto1 : = 1.0013494958323
tduepunti0 : = -7.3416907235378E+15
v=v_elettrone : = 9818891.7264772
x0= : -1.4896731752814E-12
y0= : -2.0847523373608E-12
*****
i=29078
k(29078)=0.99959620439758
kQ(29078)=0.99919257184605
r1= : 2.5642870690704E-12
rpunto1 : = 8518673.7086641
rduepunti0 : = -2.9277856850824E+25
fil : = 487.89767454897
fipunto1 : = 1.8976645250675E+18
fi_gradi : = 27954.477585904
t1 : = 1.0808852864283E-14
tpunto1 : = 1.0013486358279
tduepunti0 : = -7.3329975516328E+15
v=v_elettrone : = 9814964.3633213
x0= : -1.4897895641112E-12
y0= : -2.0858979872435E-12
*****
i=29079
k(29079)=0.99959652970438
kQ(29079)=0.99919322219704
r1= : 2.5652861279919E-12
rpunto1 : = 8515242.2925572
rduepunti0 : = -2.9258648859728E+25
fil : = 487.89789710459
fipunto1 : = 1.8961858461032E+18
fi_gradi : = 27954.490337401
t1 : = 1.080885298172E-14
tpunto1 : = 1.0013477768412
tduepunti0 : = -7.3243199652334E+15
v=v_elettrone : = 9811040.076728
x0= : -1.4899056451315E-12
y0= : -2.0870432054002E-12
*****
i=29080
k(29080)=0.99959685466687
kQ(29080)=0.9991938718599
r1= : 2.5662847844814E-12
rpunto1 : = 8511813.1260938
rduepunti0 : = -2.9239466828238E+25
fil : = 487.89811948679
fipunto1 : = 1.8947094897001E+18
fi_gradi : = 27954.503078962
t1 : = 1.0808853099157E-14
tpunto1 : = 1.0013469188704
tduepunti0 : = -7.3156579261726E+15
v=v_elettrone : = 9807118.8618741
x0= : -1.4900214186781E-12
y0= : -2.0881879920994E-12
```

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*****
i=29081
k(29081)=0.99959717928559
kQ(29081)=0.99919452083571
r1= : 2.5672830388027E-12
rpunto1: = 8508386.2062353
rduepunti0 : = -2.9220310707464E+25
fil : = 487.89834169584
fipunto1 : = 1.8932354506946E+18
fi_gradi : = 27954.515810603
t1 : = 1.0808853216593E-14
tpunto1 : = 1.0013460619137
tduepunti0 : = -7.3070113964014E+15
v=v_elettrone : = 9803200.7151868
x0= : -1.4901368850862E-12
y0= : -2.0893323476092E-12
*****
i=29082
k(29082)=0.99959750356109
kQ(29082)=0.99919516912557
r1= : 2.5682808912193E-12
rpunto1: = 8504961.5299485
rduepunti0 : = -2.9201180448636E+25
fil : = 487.89856373202
fipunto1 : = 1.8917637239382E+18
fi_gradi : = 27954.528532339
t1 : = 1.080885333403E-14
tpunto1 : = 1.0013452059692
tduepunti0 : = -7.2983803379884E+15
v=v_elettrone : = 9799285.6305868
x0= : -1.4902520446903E-12
y0= : -2.0904762721974E-12
*****
i=29083
k(29083)=0.99959782749391
kQ(29083)=0.99919581673055
r1= : 2.5692783419944E-12
rpunto1: = 8501539.0942062
rduepunti0 : = -2.9182076003097E+25
fil : = 487.8987855956
fipunto1 : = 1.8902943042972E+18
fi_gradi : = 27954.541244186
t1 : = 1.0808853451466E-14
tpunto1 : = 1.0013443510351
tduepunti0 : = -7.2897647131188E+15
v=v_elettrone : = 9795373.6044693
x0= : -1.4903668978245E-12
y0= : -2.0916197661313E-12
*****
i=29084
k(29084)=0.9995981510846
kQ(29084)=0.99919646365175
r1= : 2.5702753913907E-12
rpunto1: = 8498118.8959866
rduepunti0 : = -2.9162997322309E+25
fil : = 487.89900728684
fipunto1 : = 1.8888271866524E+18
fi_gradi : = 27954.553946159
t1 : = 1.0808853568903E-14
tpunto1 : = 1.0013434971096
tduepunti0 : = -7.2811644840947E+15
v=v_elettrone : = 9791464.6319798
x0= : -1.4904814448222E-12
y0= : -2.0927628296781E-12

```

```
*****
i=29085
k(29085)=0.99959847433369
kQ(29085)=0.99919710989024
r1= : 2.5712720396706E-12
rpunto1: = 8494700.9322738
rduepunti0 : = -2.9143944357851E+25
fil : = 487.89922880603
fipunto1 : = 1.8873623658998E+18
fi_gradi : = 27954.566638273
t1 : = 1.0808853686339E-14
tpunto1 : = 1.001342644191
tduepunti0 : = -7.2725796133341E+15
v=v_elettrone : = 9787558.7088845
x0= : -1.4905956860162E-12
y0= : -2.0939054631044E-12
*****
i=29086
k(29086)=0.99959879724173
kQ(29086)=0.9991977554471
r1= : 2.5722682870961E-12
rpunto1: = 8491285.2000574
rduepunti0 : = -2.9124917061416E+25
fil : = 487.89945015342
fipunto1 : = 1.8858998369498E+18
fi_gradi : = 27954.579320545
t1 : = 1.0808853803775E-14
tpunto1 : = 1.0013417922774
tduepunti0 : = -7.2640100633708E+15
v=v_elettrone : = 9783655.8303097
x0= : -1.4907096217386E-12
y0= : -2.0950476666767E-12
*****
i=29087
k(29087)=0.99959911980924
kQ(29087)=0.99919840032342
r1= : 2.5732641339291E-12
rpunto1: = 8487871.6963329
rduepunti0 : = -2.9105915384813E+25
fil : = 487.89967132929
fipunto1 : = 1.8844395947275E+18
fi_gradi : = 27954.591992988
t1 : = 1.0808853921211E-14
tpunto1 : = 1.001340941367
tduepunti0 : = -7.2554557968537E+15
v=v_elettrone : = 9779755.9913801
x0= : -1.4908232523213E-12
y0= : -2.096189440661E-12
*****
i=29088
k(29088)=0.99959944203678
kQ(29088)=0.99919904452025
r1= : 2.5742595804308E-12
rpunto1: = 8484460.4181011
rduepunti0 : = -2.9086939279968E+25
fil : = 487.8998923339
fipunto1 : = 1.8829816341727E+18
fi_gradi : = 27954.60465562
t1 : = 1.0808854038647E-14
tpunto1 : = 1.0013400914581
tduepunti0 : = -7.2469167765468E+15
v=v_elettrone : = 9775859.1872027
x0= : -1.4909365780952E-12
y0= : -2.097330785323E-12
```



```
*****
i=29089
k(29089)=0.99959976392488
kQ(29089)=0.99919968803868
r1= : 2.5752546268623E-12
rpunto1: = 8481051.3623687
rduepunti0 : = -2.906798869892E+25
fil : = 487.90011316753
fipunto1 : = 1.8815259502395E+18
fi_gradi : = 27954.617308455
t1 : = 1.0808854156083E-14
tpunto1 : = 1.0013392425488
tduepunti0 : = -7.2383929653282E+15
v=v_elettrone : = 9771965.4147487
x0= : -1.4910495993911E-12
y0= : -2.0984717009279E-12
*****
i=29090
k(29090)=0.99960008547407
kQ(29090)=0.99920033087977
r1= : 2.5762492734841E-12
rpunto1: = 8477644.5261479
rduepunti0 : = -2.9049063593823E+25
fil : = 487.90033383043
fipunto1 : = 1.8800725378966E+18
fi_gradi : = 27954.629951508
t1 : = 1.0808854273519E-14
tpunto1 : = 1.0013383946374
tduepunti0 : = -7.2298843261902E+15
v=v_elettrone : = 9768074.6678708
x0= : -1.4911623165388E-12
y0= : -2.0996121877409E-12
*****
i=29091
k(29091)=0.99960040668489
kQ(29091)=0.99920097304459
r1= : 2.5772435205567E-12
rpunto1: = 8474239.9064565
rduepunti0 : = -2.9030163916945E+25
fil : = 487.90055432288
fipunto1 : = 1.8786213921272E+18
fi_gradi : = 27954.642584795
t1 : = 1.0808854390954E-14
tpunto1 : = 1.0013375477221
tduepunti0 : = -7.2213908222386E+15
v=v_elettrone : = 9764186.9435073
x0= : -1.4912747298677E-12
y0= : -2.1007522460265E-12
*****
i=29092
k(29092)=0.99960072755786
kQ(29092)=0.9992016145342
r1= : 2.5782373683399E-12
rpunto1: = 8470837.5003179
rduepunti0 : = -2.901128962067E+25
fil : = 487.90077464515
fipunto1 : = 1.8771725079289E+18
fi_gradi : = 27954.65520833
t1 : = 1.080885450839E-14
tpunto1 : = 1.0013367018012
tduepunti0 : = -7.2129124166923E+15
v=v_elettrone : = 9760302.235505
x0= : -1.4913868397065E-12
y0= : -2.1018918760492E-12
```

```
*****
i=29093
k(29093)=0.99960104809353
kQ(29093)=0.99920225534968
r1= : 2.5792308170934E-12
rpunto1 : = 8467437.3047611
rduepunti0 : = -2.8992440657492E+25
fil : = 487.90099479748
fipunto1 : = 1.8757258803136E+18
fi_gradi : = 27954.66782213
t1 : = 1.0808854625825E-14
tpunto1 : = 1.0013358568728
tduepunti0 : = -7.2044490728828E+15
v=v_elettrone : = 9756420.5407912
x0= : -1.4914986463836E-12
y0= : -2.1030310780728E-12
*****
i=29094
k(29094)=0.99960136829242
kQ(29094)=0.99920289549207
r1= : 2.5802238670763E-12
rpunto1 : = 8464039.3168206
rduepunti0 : = -2.8973616980022E+25
fil : = 487.90121478017
fipunto1 : = 1.8742815043072E+18
fi_gradi : = 27954.680426209
t1 : = 1.0808854743261E-14
tpunto1 : = 1.0013350129353
tduepunti0 : = -7.1960007542542E+15
v=v_elettrone : = 9752541.8538017
x0= : -1.4916101502266E-12
y0= : -2.104169852361E-12
*****
i=29095
k(29095)=0.99960168815506
kQ(29095)=0.99920353496244
r1= : 2.5812165185477E-12
rpunto1 : = 8460643.5335365
rduepunti0 : = -2.8954818540982E+25
fil : = 487.90143459345
fipunto1 : = 1.8728393749503E+18
fi_gradi : = 27954.693020583
t1 : = 1.0808854860696E-14
tpunto1 : = 1.0013341699867
tduepunti0 : = -7.1875674243623E+15
v=v_elettrone : = 9748666.1708389
x0= : -1.4917213515627E-12
y0= : -2.1053081991771E-12
*****
i=29096
k(29096)=0.99960200768198
kQ(29096)=0.99920417376185
r1= : 2.5822087717661E-12
rpunto1 : = 8457249.9519543
rduepunti0 : = -2.8936045293208E+25
fil : = 487.90165423761
fipunto1 : = 1.8713994872974E+18
fi_gradi : = 27954.705605266
t1 : = 1.0808854978131E-14
tpunto1 : = 1.0013333280255
tduepunti0 : = -7.1791490468743E+15
v=v_elettrone : = 9744793.4869296
x0= : -1.4918322507183E-12
y0= : -2.106446118784E-12
```

```
*****
i=29097
k(29097)=0.99960232687371
kQ(29097)=0.99920481189134
r1= : 2.5832006269896E-12
rpunto1: = 8453858.5691252
rduepunti0 : = -2.8917297189645E+25
fil : = 487.90187371289
fipunto1 : = 1.8699618364172E+18
fi_gradi : = 27954.718180274
t1 : = 1.0808855095566E-14
tpunto1 : = 1.0013324870498
tduepunti0 : = -7.1707455855686E+15
v=v_elettrone : = 9740923.7983673
x0= : -1.4919428480196E-12
y0= : -2.1075836114444E-12
*****
i=29098
k(29098)=0.99960264573077
kQ(29098)=0.99920544935196
r1= : 2.5841920844762E-12
rpunto1: = 8450469.3821059
rduepunti0 : = -2.8898574183355E+25
fil : = 487.90209301957
fipunto1 : = 1.8685264173925E+18
fi_gradi : = 27954.730745621
t1 : = 1.0808855213001E-14
tpunto1 : = 1.001331647058
tduepunti0 : = -7.1623570043343E+15
v=v_elettrone : = 9737057.0995453
x0= : -1.4920531437916E-12
y0= : -2.1087206774206E-12
*****
i=29099
k(29099)=0.9996029642537
kQ(29099)=0.99920608614478
r1= : 2.5851831444834E-12
rpunto1: = 8447082.3879583
rduepunti0 : = -2.8879876227507E+25
fil : = 487.90231215791
fipunto1 : = 1.86709322532E+18
fi_gradi : = 27954.743301323
t1 : = 1.0808855330436E-14
tpunto1 : = 1.0013308080482
tduepunti0 : = -7.1539832671706E+15
v=v_elettrone : = 9733193.3861047
x0= : -1.4921631383596E-12
y0= : -2.1098573169744E-12
*****
i=29100
k(29100)=0.999603282443
kQ(29100)=0.99920672227082
r1= : 2.5861738072683E-12
rpunto1: = 8443697.5837502
rduepunti0 : = -2.8861203275385E+25
fil : = 487.90253112816
fipunto1 : = 1.8656622553105E+18
fi_gradi : = 27954.755847394
t1 : = 1.0808855447871E-14
tpunto1 : = 1.0013299700187
tduepunti0 : = -7.1456243381866E+15
v=v_elettrone : = 9729332.6549185
x0= : -1.4922728320477E-12
y0= : -2.1109935303675E-12
```

```
*****
i=29101
k(29101)=0.99960360029921
kQ(29101)=0.99920735773115
r1= : 2.5871640730878E-12
rpunto1 : = 8440314.9665546
rduepunti0 : = -2.8842555280382E+25
fil : = 487.90274993059
fipunto1 : = 1.8642335024889E+18
fi_gradi : = 27954.76838385
t1 : = 1.0808855565306E-14
tpunto1 : = 1.0013291329678
tduepunti0 : = -7.1372801816009E+15
v=v_elettrone : = 9725474.9003638
x0= : -1.4923822251796E-12
y0= : -2.1121293178611E-12
*****
i=29102
k(29102)=0.99960391782285
kQ(29102)=0.99920799252679
r1= : 2.5881539421984E-12
rpunto1 : = 8436934.5334499
rduepunti0 : = -2.8823932196003E+25
fil : = 487.90296856546
fipunto1 : = 1.8628069619937E+18
fi_gradi : = 27954.780910705
t1 : = 1.080885568274E-14
tpunto1 : = 1.0013282968938
tduepunti0 : = -7.1289507617409E+15
v=v_elettrone : = 9721620.1180527
x0= : -1.4924913180786E-12
y0= : -2.1132646797163E-12
*****
i=29103
k(29103)=0.99960423501443
kQ(29103)=0.99920862665879
r1= : 2.5891434148562E-12
rpunto1 : = 8433556.2815203
rduepunti0 : = -2.8805333975863E+25
fil : = 487.90318703303
fipunto1 : = 1.8613826289773E+18
fi_gradi : = 27954.793427975
t1 : = 1.0808855800175E-14
tpunto1 : = 1.0013274617949
tduepunti0 : = -7.120636043043E+15
v=v_elettrone : = 9717768.3042177
x0= : -1.4926001110674E-12
y0= : -2.1143996161934E-12
*****
i=29104
k(29104)=0.99960455187449
kQ(29104)=0.9992092601282
r1= : 2.5901324913171E-12
rpunto1 : = 8430180.2078549
rduepunti0 : = -2.8786760573686E+25
fil : = 487.90340533355
fipunto1 : = 1.859960498606E+18
fi_gradi : = 27954.805935673
t1 : = 1.0808855917609E-14
tpunto1 : = 1.0013266276694
tduepunti0 : = -7.1123359900515E+15
v=v_elettrone : = 9713919.4544449
x0= : -1.4927086044678E-12
y0= : -2.1155341275529E-12
```

```
*****
i=29105
k(29105)=0.99960486840353
kQ(29105)=0.99920989293603
r1= : 2.5911211718364E-12
rpunto1: = 8426806.3095487
rduepunti0 : = -2.8768211943308E+25
fil : = 487.90362346729
fipunto1 : = 1.8585405660598E+18
fi_gradi : = 27954.818433816
t1 : = 1.0808856035043E-14
tpunto1 : = 1.0013257945156
tduepunti0 : = -7.1040505674188E+15
v=v_elettrone : = 9710073.56371
x0= : -1.4928167986014E-12
y0= : -2.1166682140547E-12
*****
i=29106
k(29106)=0.99960518460207
kQ(29106)=0.99921052508334
r1= : 2.5921094566693E-12
rpunto1: = 8423434.5837019
rduepunti0 : = -2.8749688038672E+25
fil : = 487.9038414345
fipunto1 : = 1.8571228265324E+18
fi_gradi : = 27954.830922417
t1 : = 1.0808856152477E-14
tpunto1 : = 1.0013249623318
tduepunti0 : = -7.0957797399045E+15
v=v_elettrone : = 9706230.6275923
x0= : -1.4929246937893E-12
y0= : -2.1178018759584E-12
*****
i=29107
k(29107)=0.99960550047063
kQ(29107)=0.99921115657114
r1= : 2.5930973460707E-12
rpunto1: = 8420065.0274199
rduepunti0 : = -2.8731188813833E+25
fil : = 487.90405923544
fipunto1 : = 1.855707275231E+18
fi_gradi : = 27954.843401492
t1 : = 1.0808856269912E-14
tpunto1 : = 1.0013241311164
tduepunti0 : = -7.0875234723754E+15
v=v_elettrone : = 9702390.6422812
x0= : -1.4930322903518E-12
y0= : -2.1189351135231E-12
*****
i=29108
k(29108)=0.99960581600973
kQ(29108)=0.99921178740047
r1= : 2.5940848402949E-12
rpunto1: = 8416697.6378138
rduepunti0 : = -2.8712714222953E+25
fil : = 487.90427687036
fipunto1 : = 1.8542939073767E+18
fi_gradi : = 27954.855871054
t1 : = 1.0808856387345E-14
tpunto1 : = 1.0013233008674
tduepunti0 : = -7.079281729805E+15
v=v_elettrone : = 9698553.6033373
x0= : -1.4931395886089E-12
y0= : -2.1200679270079E-12
```

```

*****
i=29109
k(29109)=0.99960613121987
kQ(29109)=0.99921241757236
r1= : 2.595071939596E-12
rpunto1: = 8413332.412
rduepunti0 : = -2.8694264220302E+25
fil : = 487.90449433953
fipunto1 : = 1.8528827182038E+18
fi_gradi : = 27954.86833112
t1 : = 1.0808856504779E-14
tpunto1 : = 1.0013224715834
tduepunti0 : = -7.0710544772729E+15
v=v_elettrone : = 9694719.5057045
x0= : -1.4932465888797E-12
y0= : -2.1212003166714E-12
*****
i=29110
k(29110)=0.99960644610158
kQ(29110)=0.99921304708782
r1= : 2.5960586442278E-12
rpunto1: = 8409969.3471
rduepunti0 : = -2.8675838760261E+25
fil : = 487.90471164319
fipunto1 : = 1.8514737029604E+18
fi_gradi : = 27954.880781702
t1 : = 1.0808856622213E-14
tpunto1 : = 1.0013216432626
tduepunti0 : = -7.0628416799648E+15
v=v_elettrone : = 9690888.3461662
x0= : -1.4933532914832E-12
y0= : -2.1223322827716E-12
*****
i=29111
k(29111)=0.99960676065535
kQ(29111)=0.99921367594789
r1= : 2.5970449544438E-12
rpunto1: = 8406608.4402409
rduepunti0 : = -2.8657437797317E+25
fil : = 487.90492878161
fipunto1 : = 1.8500668569079E+18
fi_gradi : = 27954.893222817
t1 : = 1.0808856739647E-14
tpunto1 : = 1.0013208159032
tduepunti0 : = -7.0546433031715E+15
v=v_elettrone : = 9687060.119638
x0= : -1.4934596967375E-12
y0= : -2.1234638255668E-12
*****
i=29112
k(29112)=0.99960707488172
kQ(29112)=0.99921430415358
r1= : 2.598030870497E-12
rpunto1: = 8403249.688555
rduepunti0 : = -2.8639061286065E+25
fil : = 487.90514575503
fipunto1 : = 1.8486621753211E+18
fi_gradi : = 27954.905654479
t1 : = 1.080885685708E-14
tpunto1 : = 1.0013199895037
tduepunti0 : = -7.0464593122894E+15
v=v_elettrone : = 9683234.8216613
x0= : -1.4935658049604E-12
y0= : -2.1245949453143E-12

```

```
*****
i=29113
k(29113)=0.99960738878117
kQ(29113)=0.99921493170592
r1= : 2.5990163926403E-12
rpunto1: = 8399893.08918
rduepunti0 : = -2.8620709181207E+25
fil : = 487.90536256372
fipunto1 : = 1.8472596534883E+18
fi_gradi : = 27954.918076701
t1 : = 1.0808856974514E-14
tpunto1 : = 1.0013191640623
tduepunti0 : = -7.0382896728193E+15
v=v_elettrone : = 9679412.4483716
x0= : -1.4936716164688E-12
y0= : -2.1257256422716E-12
*****
i=29114
k(29114)=0.99960770235423
kQ(29114)=0.99921555860591
r1= : 2.6000015211259E-12
rpunto1: = 8396538.6392588
rduepunti0 : = -2.8602381437553E+25
fil : = 487.90557920792
fipunto1 : = 1.845859286711E+18
fi_gradi : = 27954.930489499
t1 : = 1.0808857091947E-14
tpunto1 : = 1.0013183395773
tduepunti0 : = -7.0301343503664E+15
v=v_elettrone : = 9675592.995293
x0= : -1.4937771315796E-12
y0= : -2.1268559166955E-12
*****
i=29115
k(29115)=0.9996080156014
kQ(29115)=0.99921618485457
r1= : 2.600986256206E-12
rpunto1: = 8393186.3359397
rduepunti0 : = -2.8584078010019E+25
fil : = 487.90579568788
fipunto1 : = 1.8444610703039E+18
fi_gradi : = 27954.942892888
t1 : = 1.0808857209381E-14
tpunto1 : = 1.0013175160471
tduepunti0 : = -7.0219933106399E+15
v=v_elettrone : = 9671776.4579162
x0= : -1.4938823506087E-12
y0= : -2.1279857688426E-12
*****
i=29116
k(29116)=0.99960832852318
kQ(29116)=0.99921681045291
r1= : 2.6019705981324E-12
rpunto1: = 8389836.1763762
rduepunti0 : = -2.8565798853628E+25
fil : = 487.90601200386
fipunto1 : = 1.8430649995952E+18
fi_gradi : = 27954.955286881
t1 : = 1.0808857326814E-14
tpunto1 : = 1.00131669347
tduepunti0 : = -7.0138665194525E+15
v=v_elettrone : = 9667962.8323867
x0= : -1.4939872738716E-12
y0= : -2.1291151989693E-12
```

```

*****
i=29117
k(29117)=0.99960864112009
kQ(29117)=0.99921743540195
r1= : 2.6029545471564E-12
rpunto1: = 8386488.157727
rduepunti0 : = -2.8547543923508E+25
fil : = 487.90622815612
fipunto1 : = 1.841671069926E+18
fi_gradi : = 27954.967671493
t1 : = 1.0808857444247E-14
tpunto1 : = 1.0013158718443
tduepunti0 : = -7.0057539427203E+15
v=v_elettrone : = 9664152.1141821
x0= : -1.4940919016833E-12
y0= : -2.1302442073315E-12
*****
i=29118
k(29118)=0.99960895339262
kQ(29118)=0.99921805970269
r1= : 2.6039381035292E-12
rpunto1: = 8383142.2771562
rduepunti0 : = -2.8529313174896E+25
fil : = 487.9064441449
fipunto1 : = 1.8402792766506E+18
fi_gradi : = 27954.980046738
t1 : = 1.080885756168E-14
tpunto1 : = 1.0013150511684
tduepunti0 : = -6.9976555464619E+15
v=v_elettrone : = 9660344.2987804
x0= : -1.4941962343583E-12
y0= : -2.1313727941849E-12
*****
i=29119
k(29119)=0.99960926534128
kQ(29119)=0.99921868335613
r1= : 2.6049212675015E-12
rpunto1: = 8379798.531833
rduepunti0 : = -2.851110656313E+25
fil : = 487.90665997045
fipunto1 : = 1.8388896151366E+18
fi_gradi : = 27954.992412631
t1 : = 1.0808857679113E-14
tpunto1 : = 1.0013142314406
tduepunti0 : = -6.9895712967987E+15
v=v_elettrone : = 9656539.3822989
x0= : -1.4943002722105E-12
y0= : -2.1325009597847E-12
*****
i=29120
k(29120)=0.99960957696657
kQ(29120)=0.99921930636328
r1= : 2.6059040393237E-12
rpunto1: = 8376456.918932
rduepunti0 : = -2.8492924043658E+25
fil : = 487.90687563302
fipunto1 : = 1.8375020807643E+18
fi_gradi : = 27955.004769186
t1 : = 1.0808857796546E-14
tpunto1 : = 1.0013134126593
tduepunti0 : = -6.9815011599538E+15
v=v_elettrone : = 9652737.3601875
x0= : -1.4944040155533E-12
y0= : -2.133628704386E-12

```



```
*****
i=29121
k(29121)=0.99960988826899
kQ(29121)=0.99921992872514
r1= : 2.6068864192459E-12
rpunto1 : = 8373117.4356328
rduepunti0 : = -2.8474765572028E+25
fil : = 487.90709113286
fipunto1 : = 1.8361166689272E+18
fi_gradi : = 27955.017116418
t1 : = 1.0808857913978E-14
tpunto1 : = 1.0013125948228
tduepunti0 : = -6.9734451022525E+15
v=v_elettrone : = 9648938.228543
x0= : -1.4945074646994E-12
y0= : -2.1347560282433E-12
*****
i=29122
k(29122)=0.99961019924905
kQ(29122)=0.99922055044272
r1= : 2.6078684075178E-12
rpunto1 : = 8369780.0791203
rduepunti0 : = -2.8456631103898E+25
fil : = 487.90730647022
fipunto1 : = 1.8347333750319E+18
fi_gradi : = 27955.02945434
t1 : = 1.0808858031411E-14
tpunto1 : = 1.0013117779294
tduepunti0 : = -6.9654030901209E+15
v=v_elettrone : = 9645141.9828085
x0= : -1.4946106199613E-12
y0= : -2.135882931611E-12
*****
i=29123
k(29123)=0.99961050990723
kQ(29123)=0.999221171517
r1= : 2.608850004389E-12
rpunto1 : = 8366444.8465846
rduepunti0 : = -2.8438520595026E+25
fil : = 487.90752164536
fipunto1 : = 1.8333521944975E+18
fi_gradi : = 27955.041782967
t1 : = 1.0808858148844E-14
tpunto1 : = 1.0013109619775
tduepunti0 : = -6.9573750900866E+15
v=v_elettrone : = 9641348.6190548
x0= : -1.4947134816507E-12
y0= : -2.1370094147432E-12
*****
i=29124
k(29124)=0.99961082024405
kQ(29124)=0.99922179194898
r1= : 2.6098312101084E-12
rpunto1 : = 8363111.735221
rduepunti0 : = -2.8420434001276E+25
fil : = 487.90773665851
fipunto1 : = 1.8319731227563E+18
fi_gradi : = 27955.054102313
t1 : = 1.0808858266276E-14
tpunto1 : = 1.0013101469656
tduepunti0 : = -6.9493610687773E+15
v=v_elettrone : = 9637558.1327195
x0= : -1.4948160500788E-12
y0= : -2.1381354778935E-12
```

```
*****
i=29125
k(29125)=0.99961113025999
kQ(29125)=0.99922241173965
r1= : 2.6108120249249E-12
rpunto1: = 8359780.74223
rduepunti0 : = -2.8402371278617E+25
fil : = 487.90795150992
fipunto1 : = 1.8305961552534E+18
fi_gradi : = 27955.066412392
t1 : = 1.0808858383708E-14
tpunto1 : = 1.0013093328918
tduepunti0 : = -6.9413609929212E+15
v=v_elettrone : = 9633770.519859
x0= : -1.4949183255565E-12
y0= : -2.1392611213153E-12
*****
i=29126
k(29126)=0.99961143995555
kQ(29126)=0.99922303089001
r1= : 2.6117924490869E-12
rpunto1: = 8356451.864817
rduepunti0 : = -2.8384332383119E+25
fil : = 487.90816619985
fipunto1 : = 1.8292212874465E+18
fi_gradi : = 27955.078713219
t1 : = 1.0808858501141E-14
tpunto1 : = 1.0013085197547
tduepunti0 : = -6.9333748293465E+15
v=v_elettrone : = 9629985.775885
x0= : -1.4950203083938E-12
y0= : -2.1403863452617E-12
*****
i=29127
k(29127)=0.99961174933123
kQ(29127)=0.99922364940104
r1= : 2.6127724828425E-12
rpunto1: = 8353125.1001928
rduepunti0 : = -2.8366317270957E+25
fil : = 487.90838072853
fipunto1 : = 1.8278485148062E+18
fi_gradi : = 27955.091004807
t1 : = 1.0808858618573E-14
tpunto1 : = 1.0013077075525
tduepunti0 : = -6.9254025449807E+15
v=v_elettrone : = 9626203.8974786
x0= : -1.4951219989005E-12
y0= : -2.1415111499853E-12
*****
i=29128
k(29128)=0.99961205838752
kQ(29128)=0.99922426727374
r1= : 2.6137521264395E-12
rpunto1: = 8349800.4455733
rduepunti0 : = -2.8348325898409E+25
fil : = 487.90859509621
fipunto1 : = 1.8264778328157E+18
fi_gradi : = 27955.10328717
t1 : = 1.0808858736005E-14
tpunto1 : = 1.0013068962837
tduepunti0 : = -6.9174441068505E+15
v=v_elettrone : = 9622424.8793949
x0= : -1.4952233973856E-12
y0= : -2.1426355357385E-12
```

```

*****
i=29129
k(29129)=0.99961236712491
kQ(29129)=0.99922488450907
r1= : 2.6147313801253E-12
rpunto1: = 8346477.8981794
rduepunti0 : = -2.8330358221853E+25
fil : = 487.90880930315
fipunto1 : = 1.8251092369708E+18
fi_gradi : = 27955.115560324
t1 : = 1.0808858853437E-14
tpunto1 : = 1.0013060859466
tduepunti0 : = -6.9094994820815E+15
v=v_elettrone : = 9618648.7176808
x0= : -1.4953245041579E-12
y0= : -2.1437595027735E-12
*****
i=29130
k(29130)=0.9996126755439
kQ(29130)=0.99922550110804
r1= : 2.6157102441471E-12
rpunto1: = 8343157.4552372
rduepunti0 : = -2.8312414197773E+25
fil : = 487.90902334957
fipunto1 : = 1.8237427227801E+18
fi_gradi : = 27955.127824281
t1 : = 1.0808858970869E-14
tpunto1 : = 1.0013052765397
tduepunti0 : = -6.9015686378976E+15
v=v_elettrone : = 9614875.4089659
x0= : -1.4954253195255E-12
y0= : -2.144883051342E-12
*****
i=29131
k(29131)=0.99961298364497
kQ(29131)=0.99922611707161
r1= : 2.6166887187517E-12
rpunto1: = 8339839.1139779
rduepunti0 : = -2.8294493782754E+25
fil : = 487.90923723574
fipunto1 : = 1.8223782857645E+18
fi_gradi : = 27955.140079055
t1 : = 1.0808859088301E-14
tpunto1 : = 1.0013044680612
tduepunti0 : = -6.8936515416208E+15
v=v_elettrone : = 9611104.9486277
x0= : -1.4955258437959E-12
y0= : -2.1460061816954E-12
*****
i=29132
k(29132)=0.99961329142862
kQ(29132)=0.99922673240077
r1= : 2.6176668041856E-12
rpunto1: = 8336522.8716377
rduepunti0 : = -2.8276596933481E+25
fil : = 487.90945096188
fipunto1 : = 1.8210159214576E+18
fi_gradi : = 27955.152324661
t1 : = 1.0808859205732E-14
tpunto1 : = 1.0013036605097
tduepunti0 : = -6.8857481606711E+15
v=v_elettrone : = 9607337.33206
x0= : -1.4956260772762E-12
y0= : -2.1471288940849E-12

```

```
*****
i=29133
k(29133)=0.99961359889534
kQ(29133)=0.99922734709648
r1= : 2.6186445006949E-12
rpunto1: = 8333208.7254579
rduepunti0 : = -2.8258723606742E+25
fil : = 487.90966452825
fipunto1 : = 1.8196556254054E+18
fi_gradi : = 27955.164561113
t1 : = 1.0808859323164E-14
tpunto1 : = 1.0013028538834
tduepunti0 : = -6.8778584625654E+15
v=v_elettrone : = 9603572.5552365
x0= : -1.4957260202729E-12
y0= : -2.1482511887612E-12
*****
i=29134
k(29134)=0.9996139060456
kQ(29134)=0.99922796115974
r1= : 2.6196218085255E-12
rpunto1: = 8329896.6726848
rduepunti0 : = -2.8240873759427E+25
fil : = 487.90987793508
fipunto1 : = 1.8182973931664E+18
fi_gradi : = 27955.176788423
t1 : = 1.0808859440595E-14
tpunto1 : = 1.0013020481809
tduepunti0 : = -6.869982414918E+15
v=v_elettrone : = 9599810.6147785
x0= : -1.4958256730922E-12
y0= : -2.1493730659749E-12
*****
i=29135
k(29135)=0.9996142128799
kQ(29135)=0.9992285745915
r1= : 2.6205987279229E-12
rpunto1: = 8326586.7105699
rduepunti0 : = -2.8223047348525E+25
fil : = 487.91009118263
fipunto1 : = 1.8169412203114E+18
fi_gradi : = 27955.189006608
t1 : = 1.0808859558027E-14
tpunto1 : = 1.0013012434004
tduepunti0 : = -6.8621199854397E+15
v=v_elettrone : = 9596051.5060479
x0= : -1.4959250360394E-12
y0= : -2.1504945259761E-12
*****
i=29136
k(29136)=0.99961451939873
kQ(29136)=0.99922918739275
r1= : 2.6215752591322E-12
rpunto1: = 8323278.8363697
rduepunti0 : = -2.8205244331127E+25
fil : = 487.91030427112
fipunto1 : = 1.8155871024236E+18
fi_gradi : = 27955.201215679
t1 : = 1.0808859675458E-14
tpunto1 : = 1.0013004395404
tduepunti0 : = -6.8542711419379E+15
v=v_elettrone : = 9592295.2243702
x0= : -1.4960241094196E-12
y0= : -2.1516155690147E-12
```

```
*****
i=29137
k(29137)=0.99961482560256
kQ(29137)=0.99922979956443
r1= : 2.6225514023984E-12
rpunto1 : = 8319973.0473455
rduepunti0 : = -2.8187464664424E+25
fil : = 487.9105172008
fipunto1 : = 1.8142350350984E+18
fi_gradi : = 27955.213415651
t1 : = 1.0808859792889E-14
tpunto1 : = 1.0012996365994
tduepunti0 : = -6.8464358523155E+15
v=v_elettrone : = 9588541.7669778
x0= : -1.4961228935374E-12
y0= : -2.1527361953401E-12
*****
i=29138
k(29138)=0.99961513149188
kQ(29138)=0.99923041110753
r1= : 2.6235271579659E-12
rpunto1 : = 8316669.3407639
rduepunti0 : = -2.8169708305707E+25
fil : = 487.91072997191
fipunto1 : = 1.8128850139436E+18
fi_gradi : = 27955.225606538
t1 : = 1.080885991032E-14
tpunto1 : = 1.0012988345757
tduepunti0 : = -6.8386140845715E+15
v=v_elettrone : = 9584791.1285707
x0= : -1.4962213886966E-12
y0= : -2.1538564052018E-12
*****
i=29139
k(29139)=0.99961543706718
kQ(29139)=0.99923102202301
r1= : 2.6245025260791E-12
rpunto1 : = 8313367.7138963
rduepunti0 : = -2.8151975212368E+25
fil : = 487.9109425847
fipunto1 : = 1.8115370345793E+18
fi_gradi : = 27955.237788353
t1 : = 1.0808860027751E-14
tpunto1 : = 1.0012980334677
tduepunti0 : = -6.8308058068E+15
v=v_elettrone : = 9581043.3057239
x0= : -1.4963195952007E-12
y0= : -2.1549761988484E-12
*****
i=29140
k(29140)=0.99961574232894
kQ(29140)=0.99923163231183
r1= : 2.6254775069818E-12
rpunto1 : = 8310068.1640191
rduepunti0 : = -2.8134265341896E+25
fil : = 487.9111550394
fipunto1 : = 1.8101910926374E+18
fi_gradi : = 27955.249961111
t1 : = 1.0808860145182E-14
tpunto1 : = 1.0012972332739
tduepunti0 : = -6.82301098719E+15
v=v_elettrone : = 9577298.2937496
x0= : -1.4964175133527E-12
y0= : -2.1560955765287E-12
```

```
*****
i=29141
k(29141)=0.99961604727762
kQ(29141)=0.99923224197494
r1= : 2.6264521009175E-12
rpunto1 : = 8306770.6884139
rduepunti0 : = -2.8116578651881E+25
fil : = 487.91136733624
fipunto1 : = 1.8088471837623E+18
fi_gradi : = 27955.262124824
t1 : = 1.0808860262613E-14
tpunto1 : = 1.0012964339927
tduepunti0 : = -6.8152295940252E+15
v=v_elettrone : = 9573556.0892193
x0= : -1.4965151434552E-12
y0= : -2.1572145384909E-12
*****
i=29142
k(29142)=0.99961635191373
kQ(29142)=0.99923285101331
r1= : 2.6274263081297E-12
rpunto1 : = 8303475.2843669
rduepunti0 : = -2.8098915100013E+25
fil : = 487.91157947548
fipunto1 : = 1.8075053036104E+18
fi_gradi : = 27955.274279507
t1 : = 1.0808860380044E-14
tpunto1 : = 1.0012956356225
tduepunti0 : = -6.8074615956836E+15
v=v_elettrone : = 9569816.6874236
x0= : -1.4966124858099E-12
y0= : -2.158333084983E-12
*****
i=29143
k(29143)=0.99961665623773
kQ(29143)=0.9992334594279
r1= : 2.6284001288611E-12
rpunto1 : = 8300181.9491696
rduepunti0 : = -2.8081274644078E+25
fil : = 487.91179145734
fipunto1 : = 1.8061654478501E+18
fi_gradi : = 27955.286425173
t1 : = 1.0808860497474E-14
tpunto1 : = 1.0012948381617
tduepunti0 : = -6.7997069606369E+15
v=v_elettrone : = 9566080.0855522
x0= : -1.4967095407184E-12
y0= : -2.1594512162525E-12
*****
i=29144
k(29144)=0.9996169602501
kQ(29144)=0.99923406721965
r1= : 2.6293735633545E-12
rpunto1 : = 8296890.6801181
rduepunti0 : = -2.8063657241963E+25
fil : = 487.91200328206
fipunto1 : = 1.8048276121618E+18
fi_gradi : = 27955.298561835
t1 : = 1.0808860614905E-14
tpunto1 : = 1.0012940416089
tduepunti0 : = -6.7919656574508E+15
v=v_elettrone : = 9562346.2782496
x0= : -1.4968063084814E-12
y0= : -2.160568932547E-12
```

```
*****
i=29145
k(29145)=0.99961726395132
kQ(29145)=0.99923467438952
r1= : 2.6303466118522E-12
rpunto1 : = 8293601.4745138
rduepunto10 : = -2.8046062851652E+25
fil : = 487.91221494988
fipunto1 : = 1.8034917922379E+18
fi_gradi : = 27955.310689508
t1 : = 1.0808860732335E-14
tpunto1 : = 1.0012932459623
tduepunto10 : = -6.7842376547839E+15
v=v_elettrone : = 9558615.2614271
x0= : -1.4969027893996E-12
y0= : -2.1616862341135E-12
*****
i=29146
k(29146)=0.99961756734186
kQ(29146)=0.99923528093846
r1= : 2.6313192745962E-12
rpunto1 : = 8290314.3296627
rduepunto10 : = -2.8028491431226E+25
fil : = 487.91242646105
fipunto1 : = 1.8021579837829E+18
fi_gradi : = 27955.322808205
t1 : = 1.0808860849766E-14
tpunto1 : = 1.0012924512206
tduepunto10 : = -6.776522921388E+15
v=v_elettrone : = 9554887.0322488
x0= : -1.4969989837728E-12
y0= : -2.1628031211984E-12
*****
i=29147
k(29147)=0.9996178704222
kQ(29147)=0.99923588686742
r1= : 2.6322915518281E-12
rpunto1 : = 8287029.2428758
rduepunto10 : = -2.8010942938865E+25
fil : = 487.91263781578
fipunto1 : = 1.8008261825128E+18
fi_gradi : = 27955.334917939
t1 : = 1.0808860967196E-14
tpunto1 : = 1.001291657382
tduepunto10 : = -6.7688214261072E+15
v=v_elettrone : = 9551161.5853319
x0= : -1.4970948919004E-12
y0= : -2.1639195940485E-12
*****
i=29148
k(29148)=0.99961817319281
kQ(29148)=0.99923649217733
r1= : 2.6332634437893E-12
rpunto1 : = 8283746.2114691
rduepunto10 : = -2.7993417332847E+25
fil : = 487.91284901432
fipunto1 : = 1.7994963841559E+18
fi_gradi : = 27955.347018724
t1 : = 1.0808861084626E-14
tpunto1 : = 1.0012908644452
tduepunto10 : = -6.7611331378781E+15
v=v_elettrone : = 9547438.9178439
x0= : -1.4971905140815E-12
y0= : -2.1650356529096E-12
```

```
*****
i=29149
k(29149)=0.99961847565417
kQ(29149)=0.99923709686916
r1= : 2.6342349507208E-12
rpunto1: = 8280465.2327634
rduepunti0 : = -2.7975914571545E+25
fil : = 487.91306005691
fipunto1 : = 1.7981685844519E+18
fi_gradi : = 27955.359110574
t1 : = 1.0808861202056E-14
tpunto1 : = 1.0012900724084
tduepunti0 : = -6.7534580257292E+15
v=v_elettrone : = 9543719.025016
x0= : -1.4972858506144E-12
y0= : -2.1661512980277E-12
*****
i=29150
k(29150)=0.99961877780674
kQ(29150)=0.99923770094384
r1= : 2.6352060728635E-12
rpunto1: = 8277186.3040843
rduepunti0 : = -2.7958434613429E+25
fil : = 487.91327094377
fipunto1 : = 1.7968427791526E+18
fi_gradi : = 27955.371193501
t1 : = 1.0808861319486E-14
tpunto1 : = 1.0012892812703
tduepunti0 : = -6.7457960587805E+15
v=v_elettrone : = 9540001.9033555
x0= : -1.497380901797E-12
y0= : -2.1672665296481E-12
*****
i=29151
k(29151)=0.999619079651
kQ(29151)=0.9992383044023
r1= : 2.6361768104577E-12
rpunto1: = 8273909.4227625
rduepunti0 : = -2.7940977417069E+25
fil : = 487.91348167514
fipunto1 : = 1.7955189640214E+18
fi_gradi : = 27955.383267519
t1 : = 1.0808861436916E-14
tpunto1 : = 1.0012884910292
tduepunti0 : = -6.7381472062435E+15
v=v_elettrone : = 9536287.548728
x0= : -1.4974756679267E-12
y0= : -2.1683813480162E-12
*****
i=29152
k(29152)=0.99961938118741
kQ(29152)=0.9992389072455
r1= : 2.6371471637436E-12
rpunto1: = 8270634.5861331
rduepunti0 : = -2.7923542941126E+25
fil : = 487.91369225126
fipunto1 : = 1.7941971348333E+18
fi_gradi : = 27955.395332642
t1 : = 1.0808861554346E-14
tpunto1 : = 1.0012877016836
tduepunti0 : = -6.7305114374204E+15
v=v_elettrone : = 9532575.9569892
x0= : -1.4975701493004E-12
y0= : -2.1694957533767E-12
```



```
*****
i=29153
k(29153)=0.99961968241645
kQ(29153)=0.99923950947436
r1= : 2.6381171329609E-12
rpunto1: = 8267361.7915366
rduepunti0 : = -2.7906131144361E+25
fil : = 487.91390267235
fipunto1 : = 1.792877287375E+18
fi_gradi : = 27955.407388883
t1 : = 1.0808861671776E-14
tpunto1 : = 1.001286913232
tduepunti0 : = -6.7228887217041E+15
v=v_elettrone : = 9528867.1239845
x0= : -1.4976643462147E-12
y0= : -2.1706097459742E-12
*****
i=29154
k(29154)=0.99961998333858
kQ(29154)=0.99924011108981
r1= : 2.6390867183491E-12
rpunto1: = 8264091.0363178
rduepunti0 : = -2.7888741985629E+25
fil : = 487.91411293866
fipunto1 : = 1.791559417445E+18
fi_gradi : = 27955.419436255
t1 : = 1.0808861789205E-14
tpunto1 : = 1.0012861256729
tduepunti0 : = -6.715279028578E+15
v=v_elettrone : = 9525161.0455623
x0= : -1.4977582589654E-12
y0= : -2.171723326053E-12
*****
i=29155
k(29155)=0.99962028395426
kQ(29155)=0.9992407120928
r1= : 2.6400559201474E-12
rpunto1: = 8260822.3178268
rduepunti0 : = -2.7871375423881E+25
fil : = 487.91432305041
fipunto1 : = 1.7902435208531E+18
fi_gradi : = 27955.431474771
t1 : = 1.0808861906635E-14
tpunto1 : = 1.0012853390046
tduepunti0 : = -6.7076823276152E+15
v=v_elettrone : = 9521457.7188262
x0= : -1.4978518878481E-12
y0= : -2.1728364938569E-12
*****
i=29156
k(29156)=0.99962058426398
kQ(29156)=0.99924131248425
r1= : 2.6410247385947E-12
rpunto1: = 8257555.633418
rduepunti0 : = -2.7854031418163E+25
fil : = 487.91453300783
fipunto1 : = 1.7889295934209E+18
fi_gradi : = 27955.443504445
t1 : = 1.0808862024064E-14
tpunto1 : = 1.0012845532258
tduepunti0 : = -6.7000985884786E+15
v=v_elettrone : = 9517757.1389623
x0= : -1.4979452331578E-12
y0= : -2.1739492496296E-12
```

```
*****
i=29157
k(29157)=0.99962088426818
kQ(29157)=0.9992419122651
r1= : 2.6419931739295E-12
rpunto1 : = 8254290.9804511
rduepunti0 : = -2.7836709927616E+25
fil : = 487.91474281115
fipunto1 : = 1.7876176309811E+18
fi_gradi : = 27955.45552529
t1 : = 1.0808862141494E-14
tpunto1 : = 1.0012837683349
tduepunti0 : = -6.6925277809206E+15
v=v_elettrone : = 9514059.3024378
x0= : -1.4980382951888E-12
y0= : -2.1750615936145E-12
*****
i=29158
k(29158)=0.99962118396733
kQ(29158)=0.99924251143625
r1= : 2.64296122639E-12
rpunto1 : = 8251028.3562901
rduepunti0 : = -2.7819410911476E+25
fil : = 487.91495246061
fipunto1 : = 1.7863076293783E+18
fi_gradi : = 27955.467537319
t1 : = 1.0808862258923E-14
tpunto1 : = 1.0012829843304
tduepunti0 : = -6.6849698747824E+15
v=v_elettrone : = 9510364.2050542
x0= : -1.4981310742351E-12
y0= : -2.1761735260546E-12
*****
i=29159
k(29159)=0.99962148336191
kQ(29159)=0.99924310999866
r1= : 2.6439288962143E-12
rpunto1 : = 8247767.7583042
rduepunti0 : = -2.7802134329073E+25
fil : = 487.91516195644
fipunto1 : = 1.7849995844683E+18
fi_gradi : = 27955.479540546
t1 : = 1.0808862376352E-14
tpunto1 : = 1.0012822012107
tduepunti0 : = -6.677424839994E+15
v=v_elettrone : = 9506671.8432707
x0= : -1.4982235705903E-12
y0= : -2.1772850471927E-12
*****
i=29160
k(29160)=0.99962178245235
kQ(29160)=0.99924370795322
r1= : 2.6448961836399E-12
rpunto1 : = 8244509.183867
rduepunti0 : = -2.7784880139831E+25
fil : = 487.91537129886
fipunto1 : = 1.7836934921182E+18
fi_gradi : = 27955.491534983
t1 : = 1.0808862493781E-14
tpunto1 : = 1.0012814189744
tduepunti0 : = -6.6698926465737E+15
v=v_elettrone : = 9502982.2128648
x0= : -1.4983157845473E-12
y0= : -2.1783961572711E-12
```

```

*****
i=29161
k(29161)=0.99962208123914
kQ(29161)=0.99924430530087
r1= : 2.6458630889041E-12
rpunto1: = 8241252.6303571
rduepunti0 : = -2.7767648303268E+25
fil : = 487.9155804881
fipunto1 : = 1.7823893482066E+18
fi_gradi : = 27955.503520644
t1 : = 1.080886261121E-14
tpunto1 : = 1.00128063762
tduepunti0 : = -6.6623732646282E+15
v=v_elettrone : = 9499295.3096571
x0= : -1.4984077163986E-12
y0= : -2.179506856532E-12
*****
i=29162
k(29162)=0.99962237972273
kQ(29162)=0.99924490204253
r1= : 2.6468296122441E-12
rpunto1: = 8237998.0951577
rduepunti0 : = -2.7750438778996E+25
fil : = 487.91578952439
fipunto1 : = 1.7810871486234E+18
fi_gradi : = 27955.515497541
t1 : = 1.0808862728639E-14
tpunto1 : = 1.0012798571459
tduepunti0 : = -6.6548666643516E+15
v=v_elettrone : = 9495611.1300468
x0= : -1.4984993664364E-12
y0= : -2.1806171452172E-12
*****
i=29163
k(29163)=0.99962267790357
kQ(29163)=0.99924549817911
r1= : 2.6477957538963E-12
rpunto1: = 8234745.5756568
rduepunti0 : = -2.7733251526721E+25
fil : = 487.91599840797
fipunto1 : = 1.7797868892696E+18
fi_gradi : = 27955.527465688
t1 : = 1.0808862846068E-14
tpunto1 : = 1.0012790775507
tduepunti0 : = -6.6473728160258E+15
v=v_elettrone : = 9491929.670467
x0= : -1.4985907349522E-12
y0= : -2.1817270235681E-12
*****
i=29164
k(29164)=0.99962297578213
kQ(29164)=0.99924609371152
r1= : 2.6487615140974E-12
rpunto1: = 8231495.0692471
rduepunti0 : = -2.771608650624E+25
fil : = 487.91620713905
fipunto1 : = 1.7784885660576E+18
fi_gradi : = 27955.539425098
t1 : = 1.0808862963497E-14
tpunto1 : = 1.0012782988329
tduepunti0 : = -6.6398916900194E+15
v=v_elettrone : = 9488250.926044
x0= : -1.498681822237E-12
y0= : -2.1828364918261E-12

```

```
*****
i=29165
k(29165)=0.99962327335886
kQ(29165)=0.99924668864069
r1= : 2.6497268930832E-12
rpunto1: = 8228246.5733259
rduepunti0 : = -2.7698943677445E+25
fil : = 487.91641571786
fipunto1 : = 1.7771921749108E+18
fi_gradi : = 27955.551375784
t1 : = 1.0808863080925E-14
tpunto1 : = 1.001277520991
tduepunti0 : = -6.6324232567884E+15
v=v_elettrone : = 9484574.8944466
x0= : -1.4987726285815E-12
y0= : -2.183945550232E-12
*****
i=29166
k(29166)=0.99962357063423
kQ(29166)=0.99924728296752
r1= : 2.6506918910898E-12
rpunto1: = 8225000.0852954
rduepunti0 : = -2.768182300032E+25
fil : = 487.91662414464
fipunto1 : = 1.7758977117641E+18
fi_gradi : = 27955.563317759
t1 : = 1.0808863198354E-14
tpunto1 : = 1.0012767440235
tduepunti0 : = -6.6249674868749E+15
v=v_elettrone : = 9480901.5701833
x0= : -1.4988631542757E-12
y0= : -2.1850541990265E-12
*****
i=29167
k(29167)=0.99962386760867
kQ(29167)=0.99924787669292
r1= : 2.6516565083524E-12
rpunto1: = 8221755.6025623
rduepunti0 : = -2.7664724434941E+25
fil : = 487.9168324196
fipunto1 : = 1.7746051725631E+18
fi_gradi : = 27955.575251035
t1 : = 1.0808863315782E-14
tpunto1 : = 1.0012759679288
tduepunti0 : = -6.6175243509075E+15
v=v_elettrone : = 9477230.9508979
x0= : -1.4989533996094E-12
y0= : -2.1861624384497E-12
*****
i=29168
k(29168)=0.99962416428266
kQ(29168)=0.9992484698178
r1= : 2.6526207451064E-12
rpunto1: = 8218513.122538
rduepunti0 : = -2.7647647941475E+25
fil : = 487.91704054298
fipunto1 : = 1.7733145532648E+18
fi_gradi : = 27955.587175626
t1 : = 1.080886343321E-14
tpunto1 : = 1.0012751927057
tduepunti0 : = -6.6100938196005E+15
v=v_elettrone : = 9473563.031703
x0= : -1.4990433648716E-12
y0= : -2.1872702687419E-12
```

```
*****
i=29169
k(29169)=0.99962446065663
kQ(29169)=0.99924906234307
r1= : 2.6535846015865E-12
rpunto1 : = 8215272.6426387
rduepunti0 : = -2.7630593480184E+25
fil : = 487.91724851499
fipunto1 : = 1.7720258498369E+18
fi_gradi : = 27955.599091545
t1 : = 1.0808863550639E-14
tpunto1 : = 1.0012744183525
tduepunti0 : = -6.6026758637541E+15
v=v_elettrone : = 9469897.8089866
x0= : -1.499133050351E-12
y0= : -2.1883776901427E-12
*****
i=29170
k(29170)=0.99962475673106
kQ(29170)=0.99924965426962
r1= : 2.6545480780274E-12
rpunto1 : = 8212034.160285
rduepunti0 : = -2.7613561011418E+25
fil : = 487.91745633587
fipunto1 : = 1.7707390582585E+18
fi_gradi : = 27955.610998804
t1 : = 1.0808863668067E-14
tpunto1 : = 1.0012736448678
tduepunti0 : = -6.5952704542536E+15
v=v_elettrone : = 9466235.2784591
x0= : -1.4992224563358E-12
y0= : -2.1894847028914E-12
*****
i=29171
k(29171)=0.99962505250637
kQ(29171)=0.99925024559837
r1= : 2.6555111746633E-12
rpunto1 : = 8208797.6729024
rduepunti0 : = -2.7596550495621E+25
fil : = 487.91766400583
fipunto1 : = 1.7694541745194E+18
fi_gradi : = 27955.622897416
t1 : = 1.0808863785495E-14
tpunto1 : = 1.0012728722501
tduepunti0 : = -6.5878775620695E+15
v=v_elettrone : = 9462575.4377735
x0= : -1.4993115831139E-12
y0= : -2.1905913072272E-12
*****
i=29172
k(29172)=0.99962534798304
kQ(29172)=0.99925083633021
r1= : 2.6564738917282E-12
rpunto1 : = 8205563.1779209
rduepunti0 : = -2.7579561893327E+25
fil : = 487.9178715251
fipunto1 : = 1.7681711946203E+18
fi_gradi : = 27955.634787395
t1 : = 1.0808863902923E-14
tpunto1 : = 1.001272100498
tduepunti0 : = -6.5804971582568E+15
v=v_elettrone : = 9458918.2813768
x0= : -1.4994004309723E-12
y0= : -2.1916975033891E-12
```

```
*****
i=29173
k(29173)=0.9996256431615
kQ(29173)=0.99925142646604
r1= : 2.6574362294558E-12
rpunto1 : = 8202330.6727751
rduepunti0 : = -2.756259516516E+25
fil : = 487.91807889391
fipunto1 : = 1.7668901145731E+18
fi_gradi : = 27955.646668752
t1 : = 1.0808864020351E-14
tpunto1 : = 1.00127132961
tduepunti0 : = -6.573129213955E+15
v=v_elettrone : = 9455263.8068818
x0= : -1.499489000198E-12
y0= : -2.1928032916153E-12
*****
i=29174
k(29174)=0.99962593804221
kQ(29174)=0.99925201600676
r1= : 2.6583981880794E-12
rpunto1 : = 8199100.1549043
rduepunti0 : = -2.7545650271837E+25
fil : = 487.91828611247
fipunto1 : = 1.7656109304002E+18
fi_gradi : = 27955.658541501
t1 : = 1.0808864137779E-14
tpunto1 : = 1.0012705595846
tduepunti0 : = -6.565773700388E+15
v=v_elettrone : = 9451612.0093606
x0= : -1.4995772910772E-12
y0= : -2.1939086721443E-12
*****
i=29175
k(29175)=0.9996262326256
kQ(29175)=0.99925260495326
r1= : 2.659359767832E-12
rpunto1 : = 8195871.6217522
rduepunti0 : = -2.7528727174163E+25
fil : = 487.91849318102
fipunto1 : = 1.764333638135E+18
fi_gradi : = 27955.670405655
t1 : = 1.0808864255206E-14
tpunto1 : = 1.0012697904205
tduepunti0 : = -6.5584305888631E+15
v=v_elettrone : = 9447962.8858014
x0= : -1.4996653038958E-12
y0= : -2.1950136452138E-12
*****
i=29176
k(29176)=0.99962652691214
kQ(29176)=0.99925319330643
r1= : 2.6603209689465E-12
rpunto1 : = 8192645.0707673
rduepunti0 : = -2.7511825833035E+25
fil : = 487.91870009976
fipunto1 : = 1.7630582338216E+18
fi_gradi : = 27955.682261226
t1 : = 1.0808864372634E-14
tpunto1 : = 1.001269022116
tduepunti0 : = -6.5510998507714E+15
v=v_elettrone : = 9444316.4318783
x0= : -1.4997530389391E-12
y0= : -2.1961182110617E-12
```

```
*****
i=29177
k(29177)=0.99962682090227
kQ(29177)=0.99925378106717
r1= : 2.6612817916554E-12
rpunto1: = 8189420.4994027
rduepunti0 : = -2.7494946209437E+25
fil : = 487.91890686893
fipunto1 : = 1.761784713515E+18
fi_gradi : = 27955.694108226
t1 : = 1.0808864490061E-14
tpunto1 : = 1.0012682546699
tduepunti0 : = -6.5437814575873E+15
v=v_elettrone : = 9440672.6439266
x0= : -1.499840496492E-12
y0= : -2.1972223699251E-12
*****
i=29178
k(29178)=0.99962711459642
kQ(29178)=0.99925436823637
r1= : 2.6622422361907E-12
rpunto1: = 8186197.9051158
rduepunti0 : = -2.7478088264445E+25
fil : = 487.91911348874
fipunto1 : = 1.7605130732807E+18
fi_gradi : = 27955.705946669
t1 : = 1.0808864607489E-14
tpunto1 : = 1.0012674880806
tduepunti0 : = -6.5364753808679E+15
v=v_elettrone : = 9437031.5188975
x0= : -1.4999276768391E-12
y0= : -2.1983261220411E-12
*****
i=29179
k(29179)=0.99962740799505
kQ(29179)=0.99925495481491
r1= : 2.6632023027844E-12
rpunto1: = 8182977.2853687
rduepunti0 : = -2.7461251959224E+25
fil : = 487.91931995941
fipunto1 : = 1.7592433091951E+18
fi_gradi : = 27955.717776567
t1 : = 1.0808864724916E-14
tpunto1 : = 1.0012667223467
tduepunti0 : = -6.5291815922532E+15
v=v_elettrone : = 9433393.0518251
x0= : -1.5000145802642E-12
y0= : -2.1994294676466E-12
*****
i=29180
k(29180)=0.9996277010986
kQ(29180)=0.99925554080367
r1= : 2.664161991668E-12
rpunto1: = 8179758.6376282
rduepunti0 : = -2.7444437255028E+25
fil : = 487.91952628117
fipunto1 : = 1.757975417345E+18
fi_gradi : = 27955.729597933
t1 : = 1.0808864842343E-14
tpunto1 : = 1.0012659574668
tduepunti0 : = -6.5219000634654E+15
v=v_elettrone : = 9429757.2396578
x0= : -1.5001012070509E-12
y0= : -2.200532406978E-12
```

```
*****
i=29181
k(29181)=0.99962799390751
kQ(29181)=0.99925612620355
r1= : 2.6651213030727E-12
rpunto1 : = 8176541.9593655
rduepunti0 : = -2.7427644113199E+25
fil : = 487.91973245423
fipunto1 : = 1.7567093938281E+18
fi_gradi : = 27955.741410779
t1 : = 1.0808864959771E-14
tpunto1 : = 1.0012651934394
tduepunti0 : = -6.5146307663089E+15
v=v_elettrone : = 9426124.0786942
x0= : -1.5001875574822E-12
y0= : -2.2016349402714E-12
*****
i=29182
k(29182)=0.99962828642222
kQ(29182)=0.99925671101543
r1= : 2.6660802372297E-12
rpunto1 : = 8173327.2480562
rduepunti0 : = -2.7410872495169E+25
fil : = 487.91993847881
fipunto1 : = 1.7554452347523E+18
fi_gradi : = 27955.753215118
t1 : = 1.0808865077198E-14
tpunto1 : = 1.0012644302631
tduepunti0 : = -6.5073736726699E+15
v=v_elettrone : = 9422493.5652215
x0= : -1.5002736318407E-12
y0= : -2.2027370677626E-12
*****
i=29183
k(29183)=0.99962857864318
kQ(29183)=0.99925729524018
r1= : 2.6670387943695E-12
rpunto1 : = 8170114.5011805
rduepunti0 : = -2.7394122362457E+25
fil : = 487.92014435513
fipunto1 : = 1.7541829362365E+18
fi_gradi : = 27955.765010963
t1 : = 1.0808865194625E-14
tpunto1 : = 1.0012636679365
tduepunti0 : = -6.500128754516E+15
v=v_elettrone : = 9418865.6948899
x0= : -1.5003594304085E-12
y0= : -2.2038387896874E-12
*****
i=29184
k(29184)=0.99962887057081
kQ(29184)=0.99925787887868
r1= : 2.6679969747226E-12
rpunto1 : = 8166903.7162233
rduepunti0 : = -2.7377393676672E+25
fil : = 487.92035008341
fipunto1 : = 1.7529224944096E+18
fi_gradi : = 27955.776798325
t1 : = 1.0808865312052E-14
tpunto1 : = 1.0012629064582
tduepunti0 : = -6.4928959838961E+15
v=v_elettrone : = 9415240.4652635
x0= : -1.5004449534673E-12
y0= : -2.204940106281E-12
```



```
*****
i=29185
k(29185)=0.99962916220557
kQ(29185)=0.99925846193181
r1= : 2.668954778519E-12
rpunto1 : = 8163694.8906737
rduepunti0 : = -2.7360686399508E+25
fil : = 487.92055566387
fipunto1 : = 1.7516639054113E+18
fi_gradi : = 27955.788577218
t1 : = 1.0808865429478E-14
tpunto1 : = 1.0012621458266
tduepunti0 : = -6.48567533294E+15
v=v_elettrone : = 9411617.870681
x0= : -1.5005302012982E-12
y0= : -2.2060410177784E-12
*****
i=29186
k(29186)=0.99962945354789
kQ(29186)=0.99925904440045
r1= : 2.6699122059885E-12
rpunto1 : = 8160488.0220254
rduepunti0 : = -2.7344000492749E+25
fil : = 487.92076109673
fipunto1 : = 1.7504071653916E+18
fi_gradi : = 27955.800347653
t1 : = 1.0808865546905E-14
tpunto1 : = 1.0012613860405
tduepunti0 : = -6.4784667738583E+15
v=v_elettrone : = 9407997.9093522
x0= : -1.5006151741821E-12
y0= : -2.2071415244143E-12
*****
i=29187
k(29187)=0.9996297445982
kQ(29187)=0.99925962628546
r1= : 2.6708692573607E-12
rpunto1 : = 8157283.1077767
rduepunti0 : = -2.7327335918267E+25
fil : = 487.92096638219
fipunto1 : = 1.749152270511E+18
fi_gradi : = 27955.812109644
t1 : = 1.0808865664332E-14
tpunto1 : = 1.0012606270984
tduepunti0 : = -6.4712702789418E+15
v=v_elettrone : = 9404380.5762441
x0= : -1.5006998723991E-12
y0= : -2.2082416264232E-12
*****
i=29188
k(29188)=0.99963003535694
kQ(29188)=0.99926020758772
r1= : 2.6718259328647E-12
rpunto1 : = 8154080.1454301
rduepunti0 : = -2.7310692638018E+25
fil : = 487.92117152048
fipunto1 : = 1.7478992169402E+18
fi_gradi : = 27955.823863203
t1 : = 1.0808865781758E-14
tpunto1 : = 1.0012598689989
tduepunti0 : = -6.4640858205614E+15
v=v_elettrone : = 9400765.8682468
x0= : -1.5007842962291E-12
y0= : -2.2093413240391E-12
```

```
*****
i=29189
k(29189)=0.99963032582456
kQ(29189)=0.99926078830811
r1= : 2.6727822327295E-12
rpunto1 : = 8150879.1324928
rduepunti0 : = -2.7294070614047E+25
fil : = 487.92137651182
fipunto1 : = 1.7466480008604E+18
fi_gradi : = 27955.835608341
t1 : = 1.0808865899185E-14
tpunto1 : = 1.0012591117405
tduepunti0 : = -6.4569133711678E+15
v=v_elettrone : = 9397153.7822695
x0= : -1.5008684459515E-12
y0= : -2.2104406174959E-12
*****
i=29190
k(29190)=0.99963061600147
kQ(29190)=0.99926136844747
r1= : 2.6737381571837E-12
rpunto1 : = 8147680.0664763
rduepunti0 : = -2.7277469808487E+25
fil : = 487.92158135642
fipunto1 : = 1.745398618463E+18
fi_gradi : = 27955.847345072
t1 : = 1.0808866016611E-14
tpunto1 : = 1.0012583553219
tduepunti0 : = -6.4497529032916E+15
v=v_elettrone : = 9393544.3132537
x0= : -1.5009523218452E-12
y0= : -2.2115395070272E-12
*****
i=29191
k(29191)=0.99963090588812
kQ(29191)=0.9992619480067
r1= : 2.6746937064556E-12
rpunto1 : = 8144482.9448965
rduepunti0 : = -2.7260890183554E+25
fil : = 487.92178605449
fipunto1 : = 1.7441510659496E+18
fi_gradi : = 27955.859073407
t1 : = 1.0808866134037E-14
tpunto1 : = 1.0012575997417
tduepunti0 : = -6.4426043895421E+15
v=v_elettrone : = 9389937.4580865
x0= : -1.5010359241886E-12
y0= : -2.2126379928663E-12
*****
i=29192
k(29192)=0.99963119548493
kQ(29192)=0.99926252698663
r1= : 2.6756488807732E-12
rpunto1 : = 8141287.7652739
rduepunti0 : = -2.7244331701554E+25
fil : = 487.92199060624
fipunto1 : = 1.7429053395323E+18
fi_gradi : = 27955.87079336
t1 : = 1.0808866251463E-14
tpunto1 : = 1.0012568449984
tduepunti0 : = -6.435467802608E+15
v=v_elettrone : = 9386333.2136351
x0= : -1.5011192532599E-12
y0= : -2.213736075246E-12
```

```
*****
i=29193
k(29193)=0.99963148479235
kQ(29193)=0.99926310538815
r1= : 2.6766036803643E-12
rpunto1: = 8138094.5251331
rduepunti0 : = -2.7227794324876E+25
fil : = 487.9221950119
fipunto1 : = 1.7416614354329E+18
fi_gradi : = 27955.882504941
t1 : = 1.080886636889E-14
tpunto1 : = 1.0012560910907
tduepunti0 : = -6.4283431152565E+15
v=v_elettrone : = 9382731.5761342
x0= : -1.5012023093364E-12
y0= : -2.2148337543992E-12
*****
i=29194
k(29194)=0.99963177381079
kQ(29194)=0.99926368321211
r1= : 2.6775581054565E-12
rpunto1: = 8134903.2220035
rduepunti0 : = -2.7211278015996E+25
fil : = 487.92239927168
fipunto1 : = 1.7404193498839E+18
fi_gradi : = 27955.894208164
t1 : = 1.0808866486316E-14
tpunto1 : = 1.0012553380172
tduepunti0 : = -6.4212303003333E+15
v=v_elettrone : = 9379132.5411455
x0= : -1.5012850926953E-12
y0= : -2.2159310305582E-12
*****
i=29195
k(29195)=0.99963206254069
kQ(29195)=0.99926426045936
r1= : 2.6785121562767E-12
rpunto1: = 8131713.8534186
rduepunti0 : = -2.7194782737476E+25
fil : = 487.92260338579
fipunto1 : = 1.7391790791275E+18
fi_gradi : = 27955.905903041
t1 : = 1.0808866603741E-14
tpunto1 : = 1.0012545857765
tduepunti0 : = -6.4141293307623E+15
v=v_elettrone : = 9375536.1055263
x0= : -1.5013676036133E-12
y0= : -2.2170279039552E-12
*****
i=29196
k(29196)=0.99963235098249
kQ(29196)=0.99926483713077
r1= : 2.679465833052E-12
rpunto1: = 8128526.4169164
rduepunti0 : = -2.7178308451962E+25
fil : = 487.92280735444
fipunto1 : = 1.7379406194163E+18
fi_gradi : = 27955.917589584
t1 : = 1.0808866721167E-14
tpunto1 : = 1.0012538343672
tduepunti0 : = -6.4070401795452E+15
v=v_elettrone : = 9371942.2661398
x0= : -1.5014498423667E-12
y0= : -2.2181243748219E-12
```

```
*****
i=29197
k(29197)=0.9996326391366
kQ(29197)=0.9992654132272
r1= : 2.6804191360089E-12
rpunto1 : = 8125340.9100392
rduepunti0 : = -2.7161855122186E+25
fil : = 487.92301117784
fipunto1 : = 1.7367039670127E+18
fi_gradi : = 27955.929267805
t1 : = 1.0808866838593E-14
tpunto1 : = 1.001253083788
tduepunti0 : = -6.3999628197616E+15
v=v_elettrone : = 9368351.018527
x0= : -1.5015318092311E-12
y0= : -2.21922044339E-12
*****
i=29198
k(29198)=0.99963292700345
kQ(29198)=0.99926598874948
r1= : 2.6813720653737E-12
rpunto1 : = 8122157.3303338
rduepunti0 : = -2.7145422710964E+25
fil : = 487.92321485622
fipunto1 : = 1.7354691181893E+18
fi_gradi : = 27955.940937716
t1 : = 1.0808866956019E-14
tpunto1 : = 1.0012523340373
tduepunti0 : = -6.3928972245679E+15
v=v_elettrone : = 9364762.3595276
x0= : -1.5016135044818E-12
y0= : -2.2203161098908E-12
*****
i=29199
k(29199)=0.99963321458347
kQ(29199)=0.99926656369849
r1= : 2.6823246213724E-12
rpunto1 : = 8118975.675351
rduepunti0 : = -2.7129011181198E+25
fil : = 487.92341838977
fipunto1 : = 1.7342360692286E+18
fi_gradi : = 27955.952599329
t1 : = 1.0808867073444E-14
tpunto1 : = 1.001251585114
tduepunti0 : = -6.3858433671982E+15
v=v_elettrone : = 9361176.2853352
x0= : -1.5016949283937E-12
y0= : -2.2214113745551E-12
*****
i=29200
k(29200)=0.99963350187709
kQ(29200)=0.99926713807506
r1= : 2.6832768042308E-12
rpunto1 : = 8115795.9426465
rduepunti0 : = -2.7112620495874E+25
fil : = 487.92362177871
fipunto1 : = 1.7330048164232E+18
fi_gradi : = 27955.964252657
t1 : = 1.080886719087E-14
tpunto1 : = 1.0012508370165
tduepunti0 : = -6.378801220963E+15
v=v_elettrone : = 9357592.7921277
x0= : -1.5017760812413E-12
y0= : -2.2225062376138E-12
```

```

*****
i=29201
k(29201)=0.99963378888474
kQ(29201)=0.99926771188005
r1= : 2.6842286141743E-12
rpunto1: = 8112618.1297798
rduepunti0 : = -2.709625061806E+25
fil : = 487.92382502325
fipunto1 : = 1.7317753560755E+18
fi_gradi : = 27955.975897712
t1 : = 1.0808867308295E-14
tpunto1 : = 1.0012500897435
tduepunti0 : = -6.3717707592496E+15
v=v_elettrone : = 9354011.876719
x0= : -1.5018569632986E-12
y0= : -2.2236006992971E-12
*****
i=29202
k(29202)=0.99963407560682
kQ(29202)=0.99926828511431
r1= : 2.6851800514281E-12
rpunto1: = 8109442.2343151
rduepunti0 : = -2.707990151091E+25
fil : = 487.9240281236
fipunto1 : = 1.7305476844977E+18
fi_gradi : = 27955.987534505
t1 : = 1.080886742572E-14
tpunto1 : = 1.0012493432937
tduepunti0 : = -6.3647519555213E+15
v=v_elettrone : = 9350433.5359386
x0= : -1.5019375748391E-12
y0= : -2.2246947598353E-12
*****
i=29203
k(29203)=0.99963436204378
kQ(29203)=0.99926885777867
r1= : 2.686131116217E-12
rpunto1: = 8106268.2538206
rduepunti0 : = -2.7063573137662E+25
fil : = 487.92423107997
fipunto1 : = 1.7293217980121E+18
fi_gradi : = 27955.999163048
t1 : = 1.0808867543146E-14
tpunto1 : = 1.0012485976657
tduepunti0 : = -6.3577447833178E+15
v=v_elettrone : = 9346857.7652891
x0= : -1.5020179161358E-12
y0= : -2.2257884194582E-12
*****
i=29204
k(29204)=0.99963464819602
kQ(29204)=0.99926942987398
r1= : 2.6870818087656E-12
rpunto1: = 8103096.185869
rduepunti0 : = -2.7047265461635E+25
fil : = 487.92443389257
fipunto1 : = 1.7280976929507E+18
fi_gradi : = 27956.010783354
t1 : = 1.0808867660571E-14
tpunto1 : = 1.0012478528582
tduepunti0 : = -6.3507492162542E+15
v=v_elettrone : = 9343284.5615778
x0= : -1.5020979874615E-12
y0= : -2.2268816783954E-12

```

```
*****
i=29205
k(29205)=0.99963493406397
kQ(29205)=0.99927000140109
r1= : 2.6880321292982E-12
rpunto1: = 8099926.0280374
rduepunti0 : = -2.7030978446235E+25
fil : = 487.92463656161
fipunto1 : = 1.7268753656553E+18
fi_gradi : = 27956.022395435
t1 : = 1.0808867777996E-14
tpunto1 : = 1.0012471088697
tduepunti0 : = -6.3437652280214E+15
v=v_elettrone : = 9339713.9209623
x0= : -1.5021777890883E-12
y0= : -2.2279745368762E-12
*****
i=29206
k(29206)=0.99963521964806
kQ(29206)=0.99927057236083
r1= : 2.6889820780388E-12
rpunto1: = 8096757.7779069
rduepunti0 : = -2.7014712054947E+25
fil : = 487.9248390873
fipunto1 : = 1.7256548124774E+18
fi_gradi : = 27956.033999302
t1 : = 1.0808867895421E-14
tpunto1 : = 1.0012463656989
tduepunti0 : = -6.3367927923853E+15
v=v_elettrone : = 9336145.8402292
x0= : -1.502257321288E-12
y0= : -2.2290669951295E-12
*****
i=29207
k(29207)=0.9996355049487
kQ(29207)=0.99927114275404
r1= : 2.6899316552113E-12
rpunto1: = 8093591.4330629
rduepunti0 : = -2.6998466251341E+25
fil : = 487.92504146984
fipunto1 : = 1.7244360297783E+18
fi_gradi : = 27956.045594967
t1 : = 1.0808868012846E-14
tpunto1 : = 1.0012456233445
tduepunti0 : = -6.329831883187E+15
v=v_elettrone : = 9332580.3161636
x0= : -1.5023365843321E-12
y0= : -2.2301590533842E-12
*****
i=29208
k(29208)=0.99963578996631
kQ(29208)=0.99927171258156
r1= : 2.6908808610389E-12
rpunto1: = 8090426.9910954
rduepunti0 : = -2.6982240999069E+25
fil : = 487.92524370944
fipunto1 : = 1.7232190139291E+18
fi_gradi : = 27956.057182443
t1 : = 1.080886813027E-14
tpunto1 : = 1.0012448818051
tduepunti0 : = -6.322882474342E+15
v=v_elettrone : = 9329017.3449029
x0= : -1.5024155784913E-12
y0= : -2.2312507118686E-12
```

```
*****
i=29209
k(29209)=0.9996360747013
kQ(29209)=0.99927228184423
r1= : 2.6918296957449E-12
rpunto1: = 8087264.4495983
rduepunti0 : = -2.6966036261865E+25
fil : = 487.92544580632
fipunto1 : = 1.7220037613104E+18
fi_gradi : = 27956.068761741
t1 : = 1.0808868247695E-14
tpunto1 : = 1.0012441410794
tduepunti0 : = -6.3159445398407E+15
v=v_elettrone : = 9325456.9219196
x0= : -1.502494304036E-12
y0= : -2.2323419708111E-12
*****
i=29210
k(29210)=0.9996363591541
kQ(29210)=0.99927285054287
r1= : 2.6927781595522E-12
rpunto1: = 8084103.8061698
rduepunti0 : = -2.6949852003547E+25
fil : = 487.92564776067
fipunto1 : = 1.7207902683125E+18
fi_gradi : = 27956.080332873
t1 : = 1.080886836512E-14
tpunto1 : = 1.001243401166
tduepunti0 : = -6.3090180537472E+15
v=v_elettrone : = 9321899.0452834
x0= : -1.5025727612365E-12
y0= : -2.2334328304393E-12
*****
i=29211
k(29211)=0.99963664332512
kQ(29211)=0.99927341867832
r1= : 2.6937262526833E-12
rpunto1: = 8080945.0584125
rduepunti0 : = -2.6933688188012E+25
fil : = 487.9258495727
fipunto1 : = 1.7195785313354E+18
fi_gradi : = 27956.091895851
t1 : = 1.0808868482544E-14
tpunto1 : = 1.0012426620636
tduepunti0 : = -6.3021029902001E+15
v=v_elettrone : = 9318343.71046
x0= : -1.5026509503623E-12
y0= : -2.234523290981E-12
*****
i=29212
k(29212)=0.99963692721478
kQ(29212)=0.99927398625141
r1= : 2.6946739753607E-12
rpunto1: = 8077788.2039331
rduepunti0 : = -2.691754477924E+25
fil : = 487.92605124262
fipunto1 : = 1.7183685467886E+18
fi_gradi : = 27956.103450686
t1 : = 1.0808868599969E-14
tpunto1 : = 1.0012419237708
tduepunti0 : = -6.2951993234112E+15
v=v_elettrone : = 9314790.9142165
x0= : -1.5027288716824E-12
y0= : -2.2356133526635E-12
```

```
*****
i=29213
k(29213)=0.99963721082349
kQ(29213)=0.99927455326297
r1= : 2.6956213278062E-12
rpunto1: = 8074633.2403425
rduepunti0 : = -2.6901421741292E+25
fil : = 487.92625277064
fipunto1 : = 1.717160311091E+18
fi_gradi : = 27956.114997391
t1 : = 1.0808868717393E-14
tpunto1 : = 1.0012411862864
tduepunti0 : = -6.2883070276661E+15
v=v_elettrone : = 9311240.653281
x0= : -1.5028065254658E-12
y0= : -2.2367030157139E-12
*****
i=29214
k(29214)=0.99963749415166
kQ(29214)=0.99927511971382
r1= : 2.6965683102418E-12
rpunto1: = 8071480.1652559
rduepunti0 : = -2.6885319038312E+25
fil : = 487.92645415696
fipunto1 : = 1.7159538206713E+18
fi_gradi : = 27956.126535977
t1 : = 1.0808868834817E-14
tpunto1 : = 1.001240449609
tduepunti0 : = -6.2814260773234E+15
v=v_elettrone : = 9307692.9237793
x0= : -1.5028839119806E-12
y0= : -2.2377922803589E-12
*****
i=29215
k(29215)=0.99963777719971
kQ(29215)=0.99927568560478
r1= : 2.6975149228888E-12
rpunto1: = 8068328.9762926
rduepunti0 : = -2.6869236634523E+25
fil : = 487.92665540178
fipunto1 : = 1.7147490719674E+18
fi_gradi : = 27956.138066456
t1 : = 1.0808868952241E-14
tpunto1 : = 1.0012397137372
tduepunti0 : = -6.2745564468147E+15
v=v_elettrone : = 9304147.7217832
x0= : -1.5029610314947E-12
y0= : -2.2388811468251E-12
*****
i=29216
k(29216)=0.99963805996805
kQ(29216)=0.99927625093669
r1= : 2.6984611659685E-12
rpunto1: = 8065179.6710761
rduepunti0 : = -2.6853174494229E+25
fil : = 487.92685650531
fipunto1 : = 1.7135460614268E+18
fi_gradi : = 27956.14958884
t1 : = 1.0808869069666E-14
tpunto1 : = 1.0012389786697
tduepunti0 : = -6.2676981106442E+15
v=v_elettrone : = 9300605.0453345
x0= : -1.5030378842757E-12
y0= : -2.2399696153386E-12
```



```
*****
i=29217
k(29217)=0.99963834245709
kQ(29217)=0.99927681571037
r1= : 2.6994070397018E-12
rpunto1 : = 8062032.2472341
rduepunti0 : = -2.6837132581815E+25
fil : = 487.92705746775
fipunto1 : = 1.7123447855064E+18
fi_gradi : = 27956.16110314
t1 : = 1.080886918709E-14
tpunto1 : = 1.0012382444053
tduepunti0 : = -6.2608510433887E+15
v=v_elettrone : = 9297064.8892171
x0= : -1.5031144705904E-12
y0= : -2.2410576861255E-12
*****
i=29218
k(29218)=0.99963862466725
kQ(29218)=0.99927737992662
r1= : 2.7003525443094E-12
rpunto1 : = 8058886.7023986
rduepunti0 : = -2.6821110861746E+25
fil : = 487.92725828931
fipunto1 : = 1.7111452406726E+18
fi_gradi : = 27956.172609367
t1 : = 1.0808869304513E-14
tpunto1 : = 1.0012375109426
tduepunti0 : = -6.2540152196971E+15
v=v_elettrone : = 9293527.2507957
x0= : -1.5031907907055E-12
y0= : -2.2421453594114E-12
*****
i=29219
k(29219)=0.99963890659892
kQ(29219)=0.99927794358628
r1= : 2.7012976800116E-12
rpunto1 : = 8055743.0342054
rduepunti0 : = -2.6805109298568E+25
fil : = 487.92745897019
fipunto1 : = 1.709947423401E+18
fi_gradi : = 27956.184107535
t1 : = 1.0808869421937E-14
tpunto1 : = 1.0012367782802
tduepunti0 : = -6.2471906142903E+15
v=v_elettrone : = 9289992.1267957
x0= : -1.5032668448872E-12
y0= : -2.2432326354217E-12
*****
i=29220
k(29220)=0.99963918825252
kQ(29220)=0.99927850669016
r1= : 2.7022424470284E-12
rpunto1 : = 8052601.2402949
rduepunti0 : = -2.6789127856905E+25
fil : = 487.92765951059
fipunto1 : = 1.7087513301765E+18
fi_gradi : = 27956.195597653
t1 : = 1.0808869539361E-14
tpunto1 : = 1.0012360464169
tduepunti0 : = -6.2403772019607E+15
v=v_elettrone : = 9286459.5132795
x0= : -1.5033426334012E-12
y0= : -2.2443195143816E-12
```

```
*****
i=29221
k(29221)=0.99963946962846
kQ(29221)=0.99927906923907
r1= : 2.7031868455798E-12
rpunto1 : = 8049461.3183112
rduepunti0 : = -2.6773166501463E+25
fil : = 487.92785991071
fipunto1 : = 1.7075569574934E+18
fi_gradi : = 27956.207079734
t1 : = 1.0808869656785E-14
tpunto1 : = 1.0012353153514
tduepunti0 : = -6.2335749575725E+15
v=v_elettrone : = 9282929.40695
x0= : -1.5034181565128E-12
y0= : -2.245405996516E-12
*****
i=29222
k(29222)=0.99963975072715
kQ(29222)=0.99927963123383
r1= : 2.7041308758852E-12
rpunto1 : = 8046323.2659029
rduepunti0 : = -2.6757225197025E+25
fil : = 487.92806017076
fipunto1 : = 1.7063643018553E+18
fi_gradi : = 27956.21855379
t1 : = 1.0808869774208E-14
tpunto1 : = 1.0012345850823
tduepunti0 : = -6.2267838560607E+15
v=v_elettrone : = 9279401.8045179
x0= : -1.5034934144869E-12
y0= : -2.2464920820493E-12
*****
i=29223
k(29223)=0.99964003154898
kQ(29223)=0.99928019267525
r1= : 2.705074538164E-12
rpunto1 : = 8043187.0807226
rduepunti0 : = -2.6741303908456E+25
fil : = 487.92826029094
fipunto1 : = 1.7051733597749E+18
fi_gradi : = 27956.230019832
t1 : = 1.0808869891632E-14
tpunto1 : = 1.0012338556084
tduepunti0 : = -6.2200038724317E+15
v=v_elettrone : = 9275876.7026745
x0= : -1.5035684075879E-12
y0= : -2.247577771206E-12
*****
i=29224
k(29224)=0.99964031209437
kQ(29224)=0.99928075356413
r1= : 2.706017832635E-12
rpunto1 : = 8040052.7604268
rduepunti0 : = -2.6725402600698E+25
fil : = 487.92846027144
fipunto1 : = 1.7039841277743E+18
fi_gradi : = 27956.24147787
t1 : = 1.0808870009055E-14
tpunto1 : = 1.0012331269283
tduepunti0 : = -6.2132349817623E+15
v=v_elettrone : = 9272354.0974515
x0= : -1.5036431360799E-12
y0= : -2.2486630642101E-12
```

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*****
i=29225
k(29225)=0.99964059236372
kQ(29225)=0.99928131390129
r1= : 2.7069607595171E-12
rpunto1: = 8036920.3026764
rduepunti0 : = -2.6709521238772E+25
fil : = 487.92866011247
fipunto1 : = 1.7027966023845E+18
fi_gradi : = 27956.252927918
t1 : = 1.0808870126478E-14
tpunto1 : = 1.0012323990408
tduepunti0 : = -6.2064771591998E+15
v=v_elettrone : = 9268833.9855458
x0= : -1.5037176002265E-12
y0= : -2.2497479612854E-12
*****
i=29226
k(29226)=0.99964087235744
kQ(29226)=0.99928187368754
r1= : 2.7079033190286E-12
rpunto1: = 8033789.7051362
rduepunti0 : = -2.6693659787778E+25
fil : = 487.92885981424
fipunto1 : = 1.701610780146E+18
fi_gradi : = 27956.264369986
t1 : = 1.0808870243902E-14
tpunto1 : = 1.0012316719445
tduepunti0 : = -6.1997303799619E+15
v=v_elettrone : = 9265316.3636339
x0= : -1.503791800291E-12
y0= : -2.2508324626553E-12
*****
i=29227
k(29227)=0.99964115207592
kQ(29227)=0.99928243292368
r1= : 2.7088455113877E-12
rpunto1: = 8030660.9654753
rduepunti0 : = -2.6677818212895E+25
fil : = 487.92905937692
fipunto1 : = 1.7004266576081E+18
fi_gradi : = 27956.275804086
t1 : = 1.0808870361325E-14
tpunto1 : = 1.0012309456382
tduepunti0 : = -6.1929946193363E+15
v=v_elettrone : = 9261801.2283869
x0= : -1.5038657365361E-12
y0= : -2.2519165685431E-12
*****
i=29228
k(29228)=0.99964143151958
kQ(29228)=0.99928299161051
r1= : 2.7097873368124E-12
rpunto1: = 8027534.0813666
rduepunti0 : = -2.666199647938E+25
fil : = 487.92925880074
fipunto1 : = 1.6992442313294E+18
fi_gradi : = 27956.287230229
t1 : = 1.0808870478748E-14
tpunto1 : = 1.0012302201205
tduepunti0 : = -6.1862698526802E+15
v=v_elettrone : = 9258288.5764835
x0= : -1.5039394092242E-12
y0= : -2.2530002791717E-12

```

```
*****
i=29229
k(29229)=0.9996417106888
kQ(29229)=0.99928354974884
r1= : 2.7107287955201E-12
rpunto1: = 8024409.0504872
rduepunti0 : = -2.6646194552566E+25
fil : = 487.92945808588
fipunto1 : = 1.6980634978774E+18
fi_gradi : = 27956.298648427
t1 : = 1.0808870596171E-14
tpunto1 : = 1.0012294953903
tduepunti0 : = -6.1795560554207E+15
v=v_elettrone : = 9254778.4039185
x0= : -1.5040128186172E-12
y0= : -2.2540835947639E-12
*****
i=29230
k(29230)=0.999641989584
kQ(29230)=0.99928410733946
r1= : 2.7116698877283E-12
rpunto1: = 8021285.8705183
rduepunti0 : = -2.6630412397866E+25
fil : = 487.92965723255
fipunto1 : = 1.6968844538288E+18
fi_gradi : = 27956.31005869
t1 : = 1.0808870713594E-14
tpunto1 : = 1.0012287714461
tduepunti0 : = -6.1728532030539E+15
v=v_elettrone : = 9251270.708675
x0= : -1.5040859649768E-12
y0= : -2.255166515542E-12
*****
i=29231
k(29231)=0.99964226820557
kQ(29231)=0.99928466438318
r1= : 2.712610613654E-12
rpunto1: = 8018164.5391451
rduepunti0 : = -2.6614649980771E+25
fil : = 487.92985624094
fipunto1 : = 1.6957070957691E+18
fi_gradi : = 27956.321461031
t1 : = 1.0808870831017E-14
tpunto1 : = 1.0012280482868
tduepunti0 : = -6.166161271145E+15
v=v_elettrone : = 9247765.4854316
x0= : -1.5041588485639E-12
y0= : -2.2562490417282E-12
*****
i=29232
k(29232)=0.99964254655391
kQ(29232)=0.9992852208808
r1= : 2.7135509735141E-12
rpunto1: = 8015045.0540568
rduepunti0 : = -2.6598907266846E+25
fil : = 487.93005511126
fipunto1 : = 1.6945314202931E+18
fi_gradi : = 27956.332855461
t1 : = 1.0808870948439E-14
tpunto1 : = 1.001227325911
tduepunti0 : = -6.1594802353282E+15
v=v_elettrone : = 9244262.7328021
x0= : -1.5042314696394E-12
y0= : -2.2573311735443E-12
```

```
*****
i=29233
k(29233)=0.99964282462943
kQ(29233)=0.9992857768331
r1= : 2.714490967525E-12
rpunto1 : = 8011927.4129466
rduepunti0 : = -2.6583184221737E+25
fil : = 487.93025384369
fipunto1 : = 1.6933574240041E+18
fi_gradi : = 27956.34424199
t1 : = 1.0808871065862E-14
tpunto1 : = 1.0012266043175
tduepunti0 : = -6.1528100713061E+15
v=v_elettrone : = 9240762.4454656
x0= : -1.5043038284634E-12
y0= : -2.2584129112121E-12
*****
i=29234
k(29234)=0.9996431024325
kQ(29234)=0.99928633224088
r1= : 2.7154305959031E-12
rpunto1 : = 8008811.613512
rduepunti0 : = -2.6567480811165E+25
fil : = 487.93045243843
fipunto1 : = 1.6921851035147E+18
fi_gradi : = 27956.355620631
t1 : = 1.0808871183284E-14
tpunto1 : = 1.0012258835049
tduepunti0 : = -6.1461507548496E+15
v=v_elettrone : = 9237264.622025
x0= : -1.504375925296E-12
y0= : -2.2594942549528E-12
*****
i=29235
k(29235)=0.99964337996354
kQ(29235)=0.99928688710494
r1= : 2.7163698588643E-12
rpunto1 : = 8005697.6534541
rduepunti0 : = -2.6551797000927E+25
fil : = 487.93065089569
fipunto1 : = 1.6910144554461E+18
fi_gradi : = 27956.366991394
t1 : = 1.0808871300707E-14
tpunto1 : = 1.0012251634721
tduepunti0 : = -6.139502261798E+15
v=v_elettrone : = 9233769.257139
x0= : -1.5044477603964E-12
y0= : -2.2605752049876E-12
*****
i=29236
k(29236)=0.99964365722294
kQ(29236)=0.99928744142606
r1= : 2.7173087566243E-12
rpunto1 : = 8002585.5304783
rduepunti0 : = -2.6536132756899E+25
fil : = 487.93084921566
fipunto1 : = 1.6898454764287E+18
fi_gradi : = 27956.378354291
t1 : = 1.0808871418129E-14
tpunto1 : = 1.0012244442178
tduepunti0 : = -6.1328645680581E+15
v=v_elettrone : = 9230276.3494132
x0= : -1.504519334024E-12
y0= : -2.2616557615372E-12
```

```
*****
i=29237
k(29237)=0.9996439342111
kQ(29237)=0.99928799520504
r1= : 2.7182472893986E-12
rpunto1: = 7999475.2422939
rduepunti0 : = -2.652048804503E+25
fil : = 487.93104739853
fipunto1 : = 1.6886781631013E+18
fi_gradi : = 27956.389709333
t1 : = 1.0808871535552E-14
tpunto1 : = 1.0012237257407
tduepunti0 : = -6.1262376496048E+15
v=v_elettrone : = 9226785.8934898
x0= : -1.5045906464371E-12
y0= : -2.2627359248222E-12
*****
i=29238
k(29238)=0.9996442109284
kQ(29238)=0.99928854844266
r1= : 2.7191854574023E-12
rpunto1: = 7996366.7866141
rduepunti0 : = -2.6504862831349E+25
fil : = 487.93124544449
fipunto1 : = 1.6875125121118E+18
fi_gradi : = 27956.401056531
t1 : = 1.0808871652974E-14
tpunto1 : = 1.0012230080394
tduepunti0 : = -6.11962148248E+15
v=v_elettrone : = 9223297.8879492
x0= : -1.5046616978942E-12
y0= : -2.2638156950628E-12
*****
i=29239
k(29239)=0.99964448737525
kQ(29239)=0.99928910113972
r1= : 2.7201232608504E-12
rpunto1: = 7993260.1611562
rduepunti0 : = -2.6489257081957E+25
fil : = 487.93144335376
fipunto1 : = 1.6863485201168E+18
fi_gradi : = 27956.412395897
t1 : = 1.0808871770396E-14
tpunto1 : = 1.0012222911129
tduepunti0 : = -6.1130160427931E+15
v=v_elettrone : = 9219812.3281076
x0= : -1.504732488653E-12
y0= : -2.2648950724792E-12
*****
i=29240
k(29240)=0.99964476355203
kQ(29240)=0.99928965329699
r1= : 2.7210606999576E-12
rpunto1: = 7990155.3636414
rduepunti0 : = -2.6473670763033E+25
fil : = 487.93164112651
fipunto1 : = 1.6851861837817E+18
fi_gradi : = 27956.423727441
t1 : = 1.0808871887818E-14
tpunto1 : = 1.0012215749598
tduepunti0 : = -6.1064213067203E+15
v=v_elettrone : = 9216329.2112035
x0= : -1.504803018971E-12
y0= : -2.2659740572909E-12
```

```
*****
i=29241
k(29241)=0.99964503945913
kQ(29241)=0.99929020491525
r1= : 2.7219977749382E-12
rpunto1: = 7987052.3917949
rduepunti0 : = -2.6458103840831E+25
fil : = 487.93183876294
fipunto1 : = 1.6840254997805E+18
fi_gradi : = 27956.435051174
t1 : = 1.080887200524E-14
tpunto1 : = 1.0012208595789
tduepunti0 : = -6.0998372505047E+15
v=v_elettrone : = 9212848.5338474
x0= : -1.5048732891051E-12
y0= : -2.2670526497176E-12
*****
i=29242
k(29242)=0.99964531509696
kQ(29242)=0.9992907559953
r1= : 2.7229344860063E-12
rpunto1: = 7983951.2433458
rduepunti0 : = -2.6442556281681E+25
fil : = 487.93203626325
fipunto1 : = 1.6828664647959E+18
fi_gradi : = 27956.446367109
t1 : = 1.0808872122662E-14
tpunto1 : = 1.0012201449688
tduepunti0 : = -6.0932638504558E+15
v=v_elettrone : = 9209370.2926362
x0= : -1.504943299312E-12
y0= : -2.2681308499785E-12
*****
i=29243
k(29243)=0.99964559046589
kQ(29243)=0.9992913065379
r1= : 2.7238708333757E-12
rpunto1: = 7980851.9160273
rduepunti0 : = -2.6427028051986E+25
fil : = 487.93223362763
fipunto1 : = 1.6817090755193E+18
fi_gradi : = 27956.457675255
t1 : = 1.0808872240084E-14
tpunto1 : = 1.0012194311285
tduepunti0 : = -6.0867010829494E+15
v=v_elettrone : = 9205894.4841564
x0= : -1.505013049848E-12
y0= : -2.2692086582925E-12
*****
i=29244
k(29244)=0.99964586556632
kQ(29244)=0.99929185654385
r1= : 2.7248068172601E-12
rpunto1: = 7977754.4075762
rduepunti0 : = -2.6411519118226E+25
fil : = 487.93243085627
fipunto1 : = 1.6805533286508E+18
fi_gradi : = 27956.468975623
t1 : = 1.0808872357505E-14
tpunto1 : = 1.0012187180566
tduepunti0 : = -6.0801489244274E+15
v=v_elettrone : = 9202421.1056439
x0= : -1.5050825409688E-12
y0= : -2.2702860748782E-12
```

```
*****
i=29245
k(29245)=0.99964614039864
kQ(29245)=0.99929240601391
r1= : 2.7257424378727E-12
rpunto1: = 7974658.7157335
rduepunti0 : = -2.6396029446955E+25
fil : = 487.93262794937
fipunto1 : = 1.6793992208991E+18
fi_gradi : = 27956.480268226
t1 : = 1.0808872474927E-14
tpunto1 : = 1.0012180057518
tduepunti0 : = -6.0736073513976E+15
v=v_elettrone : = 9198950.1530221
x0= : -1.5051517729297E-12
y0= : -2.2713630999542E-12
*****
i=29246
k(29246)=0.99964641496324
kQ(29246)=0.99929295494885
r1= : 2.7266776954267E-12
rpunto1: = 7971564.838244
rduepunti0 : = -2.6380559004802E+25
fil : = 487.93282490712
fipunto1 : = 1.6782467489812E+18
fi_gradi : = 27956.491553074
t1 : = 1.0808872592348E-14
tpunto1 : = 1.001217294213
tduepunti0 : = -6.0670763404333E+15
v=v_elettrone : = 9195481.6235275
x0= : -1.5052207459859E-12
y0= : -2.2724397337386E-12
*****
i=29247
k(29247)=0.99964668926049
kQ(29247)=0.99929350334947
r1= : 2.7276125901347E-12
rpunto1: = 7968472.7728566
rduepunti0 : = -2.6365107758468E+25
fil : = 487.9330217297
fipunto1 : = 1.6770959096231E+18
fi_gradi : = 27956.502830177
t1 : = 1.080887270977E-14
tpunto1 : = 1.001216583439
tduepunti0 : = -6.0605558681734E+15
v=v_elettrone : = 9192015.5137228
x0= : -1.5052894603919E-12
y0= : -2.2735159764493E-12
*****
i=29248
k(29248)=0.9996469632908
kQ(29248)=0.99929405121652
r1= : 2.7285471222094E-12
rpunto1: = 7965382.5173237
rduepunti0 : = -2.6349675674731E+25
fil : = 487.93321841732
fipunto1 : = 1.675946699559E+18
fi_gradi : = 27956.514099548
t1 : = 1.0808872827191E-14
tpunto1 : = 1.0012158734284
tduepunti0 : = -6.0540459113217E+15
v=v_elettrone : = 9188551.8208287
x0= : -1.505357916402E-12
y0= : -2.274591828304E-12
```



```
*****
i=29249
k(29249)=0.99964723705454
kQ(29249)=0.99929459855078
r1= : 2.7294812918629E-12
rpunto1: = 7962294.069402
rduepunti0 : = -2.6334262720441E+25
fil : = 487.93341497016
fipunto1 : = 1.6747991155317E+18
fi_gradi : = 27956.525361196
t1 : = 1.0808872944613E-14
tpunto1 : = 1.00121516418
tduepunti0 : = -6.0475464466473E+15
v=v_elettrone : = 9185090.5407426
x0= : -1.5054261142697E-12
y0= : -2.2756672895201E-12
*****
i=29250
k(29250)=0.9996475105521
kQ(29250)=0.99929514535301
r1= : 2.7304150993073E-12
rpunto1: = 7959207.4268519
rduepunti0 : = -2.6318868862524E+25
fil : = 487.93361138841
fipunto1 : = 1.6736531542924E+18
fi_gradi : = 27956.536615132
t1 : = 1.0808873062034E-14
tpunto1 : = 1.0012144556927
tduepunti0 : = -6.0410574509838E+15
v=v_elettrone : = 9181631.6700209
x0= : -1.5054940542487E-12
y0= : -2.2767423603147E-12
*****
i=29251
k(29251)=0.99964778378387
kQ(29251)=0.99929569162399
r1= : 2.7313485447542E-12
rpunto1: = 7956122.5874375
rduepunti0 : = -2.6303494067975E+25
fil : = 487.93380767227
fipunto1 : = 1.6725088126008E+18
fi_gradi : = 27956.547861369
t1 : = 1.0808873179455E-14
tpunto1 : = 1.0012137479652
tduepunti0 : = -6.0345789012295E+15
v=v_elettrone : = 9178175.2065288
x0= : -1.5055617365921E-12
y0= : -2.2778170409045E-12
*****
i=29252
k(29252)=0.99964805675022
kQ(29252)=0.99929623736449
r1= : 2.7322816284153E-12
rpunto1: = 7953039.5489271
rduepunti0 : = -2.6288138303868E+25
fil : = 487.93400382192
fipunto1 : = 1.6713660872251E+18
fi_gradi : = 27956.559099916
t1 : = 1.0808873296876E-14
tpunto1 : = 1.0012130409962
tduepunti0 : = -6.0281107743468E+15
v=v_elettrone : = 9174721.1461475
x0= : -1.5056291615522E-12
y0= : -2.2788913315063E-12
```

```
*****
i=29253
k(29253)=0.99964832945154
kQ(29253)=0.99929678257526
r1= : 2.7332143505016E-12
rpunto1: = 7949958.3090926
rduepunti0 : = -2.6272801537345E+25
fil : = 487.93419983755
fipunto1 : = 1.6702249749418E+18
fi_gradi : = 27956.570330784
t1 : = 1.0808873414297E-14
tpunto1 : = 1.0012123347846
tduepunti0 : = -6.0216530473623E+15
v=v_elettrone : = 9171269.4860736
x0= : -1.5056963293814E-12
y0= : -2.2799652323364E-12
*****
i=29254
k(29254)=0.99964860188822
kQ(29254)=0.99929732725706
r1= : 2.7341467112241E-12
rpunto1: = 7946878.86571
rduepunti0 : = -2.6257483735625E+25
fil : = 487.93439571935
fipunto1 : = 1.6690854725356E+18
fi_gradi : = 27956.581553985
t1 : = 1.0808873531718E-14
tpunto1 : = 1.0012116293292
tduepunti0 : = -6.0152056973667E+15
v=v_elettrone : = 9167820.2234947
x0= : -1.5057632403315E-12
y0= : -2.2810387436109E-12
*****
i=29255
k(29255)=0.99964887406062
kQ(29255)=0.99929787141067
r1= : 2.7350787107936E-12
rpunto1: = 7943801.2165587
rduepunti0 : = -2.6242184865997E+25
fil : = 487.93459146751
fipunto1 : = 1.6679475767999E+18
fi_gradi : = 27956.592769529
t1 : = 1.0808873649139E-14
tpunto1 : = 1.0012109246286
tduepunti0 : = -6.008768701514E+15
v=v_elettrone : = 9164373.3536252
x0= : -1.5058298946538E-12
y0= : -2.2821118655457E-12
*****
i=29256
k(29256)=0.99964914596915
kQ(29256)=0.99929841503685
r1= : 2.7360103494203E-12
rpunto1: = 7940725.3594224
rduepunti0 : = -2.6226904895823E+25
fil : = 487.93478708222
fipunto1 : = 1.6668112845361E+18
fi_gradi : = 27956.603977426
t1 : = 1.0808873766559E-14
tpunto1 : = 1.0012102206818
tduepunti0 : = -6.0023420370218E+15
v=v_elettrone : = 9160928.8749571
x0= : -1.5058962925996E-12
y0= : -2.2831845983562E-12
```

```
*****
i=29257
k(29257)=0.99964941761416
kQ(29257)=0.99929895813634
r1= : 2.7369416273146E-12
rpunto1: = 7937651.2920883
rduepunti0 : = -2.6211643792539E+25
fil : = 487.93498256367
fipunto1 : = 1.6656765925541E+18
fi_gradi : = 27956.615177688
t1 : = 1.080887388398E-14
tpunto1 : = 1.0012095174875
tduepunti0 : = -5.9959256811711E+15
v=v_elettrone : = 9157486.783358
x0= : -1.5059624344192E-12
y0= : -2.2842569422579E-12
*****
i=29258
k(29258)=0.99964968899605
kQ(29258)=0.99929950070991
r1= : 2.7378725446862E-12
rpunto1: = 7934579.0123476
rduepunti0 : = -2.619640152365E+25
fil : = 487.93517791205
fipunto1 : = 1.6645434976717E+18
fi_gradi : = 27956.626370325
t1 : = 1.08088740014E-14
tpunto1 : = 1.0012088150444
tduepunti0 : = -5.9895196113056E+15
v=v_elettrone : = 9154047.0753331
x0= : -1.506028320363E-12
y0= : -2.2853288974658E-12
*****
i=29259
k(29259)=0.9996499601152
kQ(29259)=0.99930004275831
r1= : 2.738803101745E-12
rpunto1: = 7931508.5179953
rduepunti0 : = -2.6181178056737E+25
fil : = 487.93537312753
fipunto1 : = 1.6634119967154E+18
fi_gradi : = 27956.637555349
t1 : = 1.0808874118821E-14
tpunto1 : = 1.0012081133515
tduepunti0 : = -5.9831238048323E+15
v=v_elettrone : = 9150609.7487052
x0= : -1.5060939506809E-12
y0= : -2.2864004641945E-12
*****
i=29260
k(29260)=0.99965023097197
kQ(29260)=0.9993005842823
r1= : 2.7397332987001E-12
rpunto1: = 7928439.8068299
rduepunti0 : = -2.6165973359449E+25
fil : = 487.93556821032
fipunto1 : = 1.6622820865196E+18
fi_gradi : = 27956.648732769
t1 : = 1.0808874236241E-14
tpunto1 : = 1.0012074124074
tduepunti0 : = -5.9767382392202E+15
v=v_elettrone : = 9147174.7993295
x0= : -1.5061593256224E-12
y0= : -2.2874716426589E-12
```

```
*****
i=29261
k(29261)=0.99965050156674
kQ(29261)=0.99930112528264
r1= : 2.7406631357608E-12
rpunto1: = 7925372.8766541
rduepunti0 : = -2.6150787399508E+25
fil : = 487.93576316059
fipunto1 : = 1.661153763927E+18
fi_gradi : = 27956.659902597
t1 : = 1.0808874353662E-14
tpunto1 : = 1.0012067122111
tduepunti0 : = -5.9703628920012E+15
v=v_elettrone : = 9143742.2243448
x0= : -1.5062244454365E-12
y0= : -2.288542433073E-12
*****
i=29262
k(29262)=0.9996507718999
kQ(29262)=0.99930166576006
r1= : 2.7415926131359E-12
rpunto1: = 7922307.7252741
rduepunti0 : = -2.6135620144709E+25
fil : = 487.93595797853
fipunto1 : = 1.6600270257883E+18
fi_gradi : = 27956.671064843
t1 : = 1.0808874471082E-14
tpunto1 : = 1.0012060127612
tduepunti0 : = -5.9639977407692E+15
v=v_elettrone : = 9140312.0209153
x0= : -1.5062893103719E-12
y0= : -2.2896128356509E-12
*****
i=29263
k(29263)=0.99965104197181
kQ(29263)=0.99930220571533
r1= : 2.7425217310341E-12
rpunto1: = 7919244.3505
rduepunti0 : = -2.6120471562915E+25
fil : = 487.93615266433
fipunto1 : = 1.6589018689624E+18
fi_gradi : = 27956.682219517
t1 : = 1.0808874588502E-14
tpunto1 : = 1.0012053140566
tduepunti0 : = -5.95764276318E+15
v=v_elettrone : = 9136884.1848682
x0= : -1.5063539206769E-12
y0= : -2.2906828506065E-12
*****
i=29264
k(29264)=0.99965131178286
kQ(29264)=0.99930274514919
r1= : 2.7434504896637E-12
rpunto1: = 7916182.7501456
rduepunti0 : = -2.6105341622062E+25
fil : = 487.93634721818
fipunto1 : = 1.6577782903165E+18
fi_gradi : = 27956.693366632
t1 : = 1.0808874705922E-14
tpunto1 : = 1.0012046160962
tduepunti0 : = -5.9512979369514E+15
v=v_elettrone : = 9133458.7146541
x0= : -1.5064182765995E-12
y0= : -2.2917524781532E-12
```

```
*****
i=29265
k(29265)=0.99965158133341
kQ(29265)=0.99930328406238
r1= : 2.7443788892328E-12
rpunto1: = 7913122.9220284
rduepunti0 : = -2.6090230290158E+25
fil : = 487.93654164025
fipunto1 : = 1.6566562867256E+18
fi_gradi : = 27956.704506196
t1 : = 1.0808874823342E-14
tpunto1 : = 1.0012039188787
tduepunti0 : = -5.9449632398625E+15
v=v_elettrone : = 9130035.605442
x0= : -1.5064823783872E-12
y0= : -2.2928217185043E-12
*****
i=29266
k(29266)=0.99965185062384
kQ(29266)=0.99930382245566
r1= : 2.7453069299493E-12
rpunto1: = 7910064.8639699
rduepunti0 : = -2.6075137535278E+25
fil : = 487.93673593073
fipunto1 : = 1.6555358550729E+18
fi_gradi : = 27956.71563822
t1 : = 1.0808874940762E-14
tpunto1 : = 1.0012032224029
tduepunti0 : = -5.9386386497539E+15
v=v_elettrone : = 9126614.8550248
x0= : -1.5065462262871E-12
y0= : -2.2938905718728E-12
*****
i=29267
k(29267)=0.99965211965452
kQ(29267)=0.99930436032977
r1= : 2.7462346120207E-12
rpunto1: = 7907008.5737949
rduepunti0 : = -2.606006332557E+25
fil : = 487.93693008982
fipunto1 : = 1.6544169922495E+18
fi_gradi : = 27956.726762716
t1 : = 1.0808875058182E-14
tpunto1 : = 1.0012025266677
tduepunti0 : = -5.9323241445275E+15
v=v_elettrone : = 9123196.4598583
x0= : -1.5066098205459E-12
y0= : -2.2949590384716E-12
*****
i=29268
k(29268)=0.99965238842582
kQ(29268)=0.99930489768545
r1= : 2.7471619356544E-12
rpunto1: = 7903954.0493323
rduepunti0 : = -2.6045007629253E+25
fil : = 487.93712411768
fipunto1 : = 1.6532996951547E+18
fi_gradi : = 27956.737879694
t1 : = 1.0808875175601E-14
tpunto1 : = 1.0012018316718
tduepunti0 : = -5.9260197021458E+15
v=v_elettrone : = 9119780.4170808
x0= : -1.5066731614102E-12
y0= : -2.2960271185129E-12
```

```
*****
i=29269
k(29269)=0.99965265693812
kQ(29269)=0.99930543452343
r1= : 2.7480889010575E-12
rpunto1: = 7900901.2884146
rduepunti0 : = -2.6029970414614E+25
fil : = 487.93731801451
fipunto1 : = 1.6521839606955E+18
fi_gradi : = 27956.748989164
t1 : = 1.0808875293021E-14
tpunto1 : = 1.0012011374142
tduepunti0 : = -5.9197253006325E+15
v=v_elettrone : = 9116366.7231343
x0= : -1.5067362491258E-12
y0= : -2.2970948122093E-12
*****
i=29270
k(29270)=0.99965292519177
kQ(29270)=0.99930597084447
r1= : 2.7490155084367E-12
rpunto1: = 7897850.288878
rduepunti0 : = -2.601495165001E+25
fil : = 487.93751178048
fipunto1 : = 1.6510697857871E+18
fi_gradi : = 27956.760091137
t1 : = 1.0808875410441E-14
tpunto1 : = 1.0012004438936
tduepunti0 : = -5.9134409180714E+15
v=v_elettrone : = 9112955.375811
x0= : -1.5067990839385E-12
y0= : -2.2981621197726E-12
*****
i=29271
k(29271)=0.99965319318717
kQ(29271)=0.9993065066493
r1= : 2.7499417579987E-12
rpunto1: = 7894801.0485624
rduepunti0 : = -2.5999951303869E+25
fil : = 487.93770541579
fipunto1 : = 1.6499571673524E+18
fi_gradi : = 27956.771185622
t1 : = 1.080887552786E-14
tpunto1 : = 1.0011997511088
tduepunti0 : = -5.907166532607E+15
v=v_elettrone : = 9109546.3708797
x0= : -1.5068616660932E-12
y0= : -2.2992290414146E-12
*****
i=29272
k(29272)=0.99965346092466
kQ(29272)=0.99930704193865
r1= : 2.7508676499498E-12
rpunto1: = 7891753.5653114
rduepunti0 : = -2.5984969344688E+25
fil : = 487.93789892061
fipunto1 : = 1.6488461023224E+18
fi_gradi : = 27956.782272632
t1 : = 1.0808875645279E-14
tpunto1 : = 1.0011990590587
tduepunti0 : = -5.9009021224438E+15
v=v_elettrone : = 9106139.7054588
x0= : -1.5069239958351E-12
y0= : -2.3002955773469E-12
```

```
*****
i=29273
k(29273)=0.99965372840462
kQ(29273)=0.99930757671326
r1= : 2.7517931844961E-12
rpunto1: = 7888707.8369723
rduepunti0 : = -2.5970005741033E+25
fil : = 487.93809229513
fipunto1 : = 1.6477365876359E+18
fi_gradi : = 27956.793352176
t1 : = 1.0808875762699E-14
tpunto1 : = 1.0011983677421
tduepunti0 : = -5.8946476658462E+15
v=v_elettrone : = 9102735.3773017
x0= : -1.5069860734086E-12
y0= : -2.3013617277806E-12
*****
i=29274
k(29274)=0.99965399562742
kQ(29274)=0.99930811097387
r1= : 2.7527183618433E-12
rpunto1: = 7885663.861396
rduepunti0 : = -2.5955060461539E+25
fil : = 487.93828553952
fipunto1 : = 1.6466286202395E+18
fi_gradi : = 27956.804424264
t1 : = 1.0808875880118E-14
tpunto1 : = 1.0011976771579
tduepunti0 : = -5.8884031411384E+15
v=v_elettrone : = 9099333.3815218
x0= : -1.5070478990576E-12
y0= : -2.3024274929268E-12
*****
i=29275
k(29275)=0.99965426259343
kQ(29275)=0.99930864472121
r1= : 2.753643182197E-12
rpunto1: = 7882621.6364372
rduepunti0 : = -2.594013347491E+25
fil : = 487.93847865397
fipunto1 : = 1.6455221970877E+18
fi_gradi : = 27956.815488907
t1 : = 1.0808875997537E-14
tpunto1 : = 1.0011969873049
tduepunti0 : = -5.8821685267043E+15
v=v_elettrone : = 9095933.7171908
x0= : -1.5071094730261E-12
y0= : -2.3034928729962E-12
*****
i=29276
k(29276)=0.999654529303
kQ(29276)=0.999309177956
r1= : 2.7545676457625E-12
rpunto1: = 7879581.1599542
rduepunti0 : = -2.592522474992E+25
fil : = 487.93867163867
fipunto1 : = 1.6444173151427E+18
fi_gradi : = 27956.826546115
t1 : = 1.0808876114956E-14
tpunto1 : = 1.0011962981818
tduepunti0 : = -5.8759438009869E+15
v=v_elettrone : = 9092536.379415
x0= : -1.5071707955572E-12
y0= : -2.3045578681993E-12
```

```
*****
i=29277
k(29277)=0.99965479575651
kQ(29277)=0.99930971067899
r1= : 2.755491752745E-12
rpunto1: = 7876542.429809
rduepunti0 : = -2.591033425541E+25
fil : = 487.93886449378
fipunto1 : = 1.6433139713745E+18
fi_gradi : = 27956.837595899
t1 : = 1.0808876232375E-14
tpunto1 : = 1.0011956097877
tduepunti0 : = -5.8697289424885E+15
v=v_elettrone : = 9089141.3659313
x0= : -1.5072318668941E-12
y0= : -2.3056224787464E-12
*****
i=29278
k(29278)=0.99965506195432
kQ(29278)=0.99931024289089
r1= : 2.7564155033491E-12
rpunto1: = 7873505.443867
rduepunti0 : = -2.589546196029E+25
fil : = 487.9390572195
fipunto1 : = 1.642212162761E+18
fi_gradi : = 27956.84863827
t1 : = 1.0808876349794E-14
tpunto1 : = 1.0011949221213
tduepunti0 : = -5.8635239297703E+15
v=v_elettrone : = 9085748.6738194
x0= : -1.5072926872793E-12
y0= : -2.3066867048475E-12
*****
i=29279
k(29279)=0.99965532789679
kQ(29279)=0.99931077459243
r1= : 2.7573388977795E-12
rpunto1: = 7870470.1999977
rduepunti0 : = -2.5880607833538E+25
fil : = 487.93924981599
fipunto1 : = 1.6411118862876E+18
fi_gradi : = 27956.859673236
t1 : = 1.0808876467213E-14
tpunto1 : = 1.0011942351814
tduepunti0 : = -5.8573287414524E+15
v=v_elettrone : = 9082358.299497
x0= : -1.5073532569549E-12
y0= : -2.3077505467123E-12
*****
i=29280
k(29280)=0.99965559358428
kQ(29280)=0.99931130578434
r1= : 2.7582619362405E-12
rpunto1: = 7867436.6960738
rduepunti0 : = -2.58657718442E+25
fil : = 487.93944228345
fipunto1 : = 1.6400131389475E+18
fi_gradi : = 27956.870700809
t1 : = 1.0808876584632E-14
tpunto1 : = 1.001193548967
tduepunti0 : = -5.8511433562134E+15
v=v_elettrone : = 9078970.2400159
x0= : -1.5074135761629E-12
y0= : -2.3088140045503E-12
```



```
*****
i=29281
k(29281)=0.99965585901717
kQ(29281)=0.99931183646735
r1= : 2.7591846189361E-12
rpunto1: = 7864404.9299718
rduepunti0 : = -2.5850953961391E+25
fil : = 487.93963462205
fipunto1 : = 1.6389159177417E+18
fi_gradi : = 27956.881720999
t1 : = 1.080887670205E-14
tpunto1 : = 1.0011928634768
tduepunti0 : = -5.8449677527901E+15
v=v_elettrone : = 9075584.4924463
x0= : -1.5074736451447E-12
y0= : -2.3098770785709E-12
*****
i=29282
k(29282)=0.9996561241958
kQ(29282)=0.99931236664217
r1= : 2.7601069460701E-12
rpunto1: = 7861374.8995719
rduepunti0 : = -2.5836154154292E+25
fil : = 487.93982683197
fipunto1 : = 1.6378202196786E+18
fi_gradi : = 27956.892733816
t1 : = 1.0808876819469E-14
tpunto1 : = 1.0011921787097
tduepunti0 : = -5.8388019099777E+15
v=v_elettrone : = 9072201.0538536
x0= : -1.5075334641414E-12
y0= : -2.310939768983E-12
*****
i=29283
k(29283)=0.99965638912054
kQ(29283)=0.99931289630952
r1= : 2.7610289178461E-12
rpunto1: = 7858346.6027577
rduepunti0 : = -2.5821372392153E+25
fil : = 487.94001891338
fipunto1 : = 1.6367260417745E+18
fi_gradi : = 27956.90373927
t1 : = 1.0808876936887E-14
tpunto1 : = 1.0011914946647
tduepunti0 : = -5.8326458066295E+15
v=v_elettrone : = 9068819.9206179
x0= : -1.5075930333938E-12
y0= : -2.3120020759953E-12
*****
i=29284
k(29284)=0.99965665379176
kQ(29284)=0.99931342547014
r1= : 2.7619505344674E-12
rpunto1: = 7855320.0374166
rduepunti0 : = -2.5806608644291E+25
fil : = 487.94021086647
fipunto1 : = 1.635633381053E+18
fi_gradi : = 27956.914737372
t1 : = 1.0808877054306E-14
tpunto1 : = 1.0011908113404
tduepunti0 : = -5.8264994216562E+15
v=v_elettrone : = 9065441.0904612
x0= : -1.5076523531422E-12
y0= : -2.3130639998165E-12
```

```
*****
i=29285
k(29285)=0.99965691820981
kQ(29285)=0.99931395412473
r1= : 2.7628717961371E-12
rpunto1 : = 7852295.2014394
rduepunti0 : = -2.5791862880088E+25
fil : = 487.94040269142
fipunto1 : = 1.6345422345456E+18
fi_gradi : = 27956.925728132
t1 : = 1.0808877171724E-14
tpunto1 : = 1.0011901287359
tduepunti0 : = -5.8203627340264E+15
v=v_elettrone : = 9062064.5597489
x0= : -1.5077114236266E-12
y0= : -2.3141255406548E-12
*****
i=29286
k(29286)=0.99965718237504
kQ(29286)=0.99931448227401
r1= : 2.763792703058E-12
rpunto1 : = 7849272.0927207
rduepunti0 : = -2.5777135068996E+25
fil : = 487.9405943884
fipunto1 : = 1.6334525992912E+18
fi_gradi : = 27956.93671156
t1 : = 1.0808877289143E-14
tpunto1 : = 1.0011894468499
tduepunti0 : = -5.8142357227662E+15
v=v_elettrone : = 9058690.3255443
x0= : -1.5077702450866E-12
y0= : -2.3151866987181E-12
*****
i=29287
k(29287)=0.99965744628782
kQ(29287)=0.99931500991869
r1= : 2.7647132554326E-12
rpunto1 : = 7846250.7091585
rduepunti0 : = -2.5762425180532E+25
fil : = 487.94078595758
fipunto1 : = 1.6323644723362E+18
fi_gradi : = 27956.947687666
t1 : = 1.0808877406561E-14
tpunto1 : = 1.0011887656814
tduepunti0 : = -5.8081183669587E+15
v=v_elettrone : = 9055318.384865
x0= : -1.5078288177614E-12
y0= : -2.3162474742144E-12
*****
i=29288
k(29288)=0.99965770994851
kQ(29288)=0.9993155370595
r1= : 2.7656334534633E-12
rpunto1 : = 7843231.0486543
rduepunti0 : = -2.5747733184281E+25
fil : = 487.94097739916
fipunto1 : = 1.6312778507346E+18
fi_gradi : = 27956.95865646
t1 : = 1.0808877523979E-14
tpunto1 : = 1.0011880852291
tduepunti0 : = -5.8020106457442E+15
v=v_elettrone : = 9051948.7347469
x0= : -1.5078871418901E-12
y0= : -2.3173078673511E-12
```

```
*****
i=29289
k(29289)=0.99965797335746
kQ(29289)=0.99931606369714
r1= : 2.7665532973522E-12
rpunto1 : = 7840213.1091135
rduepunti0 : = -2.5733059049893E+25
fil : = 487.94116871329
fipunto1 : = 1.6301927315477E+18
fi_gradi : = 27956.969617952
t1 : = 1.0808877641397E-14
tpunto1 : = 1.0011874054921
tduepunti0 : = -5.7959125383198E+15
v=v_elettrone : = 9048581.3715608
x0= : -1.507945217711E-12
y0= : -2.3183678783356E-12
*****
i=29290
k(29290)=0.99965823651503
kQ(29290)=0.99931658983233
r1= : 2.7674727873011E-12
rpunto1 : = 7837196.8884448
rduepunti0 : = -2.5718402747085E+25
fil : = 487.94135990016
fipunto1 : = 1.6291091118446E+18
fi_gradi : = 27956.980572153
t1 : = 1.0808877758815E-14
tpunto1 : = 1.0011867264691
tduepunti0 : = -5.7898240239392E+15
v=v_elettrone : = 9045216.2936469
x0= : -1.5080030454624E-12
y0= : -2.3194275073747E-12
*****
i=29291
k(29291)=0.99965849942157
kQ(29291)=0.999317111546578
r1= : 2.7683919235116E-12
rpunto1 : = 7834182.3845604
rduepunti0 : = -2.570376424564E+25
fil : = 487.94155095995
fipunto1 : = 1.6280269887015E+18
fi_gradi : = 27956.991519073
t1 : = 1.0808877876233E-14
tpunto1 : = 1.001186048159
tduepunti0 : = -5.7837450819128E+15
v=v_elettrone : = 9041853.4967045
x0= : -1.5080606253821E-12
y0= : -2.3204867546755E-12
*****
i=29292
k(29292)=0.99965876207743
kQ(29292)=0.99931764059819
r1= : 2.7693107061849E-12
rpunto1 : = 7831169.5953761
rduepunti0 : = -2.5689143515406E+25
fil : = 487.94174189283
fipunto1 : = 1.6269463592022E+18
fi_gradi : = 27957.002458721
t1 : = 1.080887799365E-14
tpunto1 : = 1.0011853705608
tduepunti0 : = -5.777675691607E+15
v=v_elettrone : = 9038492.9784029
x0= : -1.5081179577074E-12
y0= : -2.3215456204444E-12
```

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*****
i=29293
k(29293)=0.99965902448298
kQ(29293)=0.99931816523027
r1= : 2.7702291355223E-12
rpunto1: = 7828158.5188112
rduepunti0 : = -2.5674540526299E+25
fil : = 487.94193269897
fipunto1 : = 1.625867220438E+18
fi_gradi : = 27957.013391108
t1 : = 1.0808878111068E-14
tpunto1 : = 1.0011846936732
tduepunti0 : = -5.7716158324445E+15
v=v_elettrone : = 9035134.7350944
x0= : -1.5081750426755E-12
y0= : -2.3226041048878E-12
*****
i=29294
k(29294)=0.99965928663857
kQ(29294)=0.99931868936273
r1= : 2.7711472117246E-12
rpunto1: = 7825149.1527888
rduepunti0 : = -2.5659955248299E+25
fil : = 487.94212337856
fipunto1 : = 1.6247895695072E+18
fi_gradi : = 27957.024316243
t1 : = 1.0808878228486E-14
tpunto1 : = 1.0011840174952
tduepunti0 : = -5.7655654839039E+15
v=v_elettrone : = 9031778.7651038
x0= : -1.508231880523E-12
y0= : -2.3236622082116E-12
*****
i=29295
k(29295)=0.99965954854454
kQ(29295)=0.99931921299627
r1= : 2.7720649349924E-12
rpunto1: = 7822141.495235
rduepunti0 : = -2.5645387651451E+25
fil : = 487.94231393175
fipunto1 : = 1.6237134035158E+18
fi_gradi : = 27957.035234137
t1 : = 1.0808878345903E-14
tpunto1 : = 1.0011833420257
tduepunti0 : = -5.7595246255196E+15
v=v_elettrone : = 9028425.0634521
x0= : -1.5082884714862E-12
y0= : -2.3247199306219E-12
*****
i=29296
k(29296)=0.99965981020125
kQ(29296)=0.99931973613159
r1= : 2.772982305526E-12
rpunto1: = 7819135.5440799
rduepunti0 : = -2.5630837705866E+25
fil : = 487.94250435874
fipunto1 : = 1.6226387195771E+18
fi_gradi : = 27957.0461448
t1 : = 1.0808878463321E-14
tpunto1 : = 1.0011826672635
tduepunti0 : = -5.7534932368815E+15
v=v_elettrone : = 9025073.6291192
x0= : -1.5083448158013E-12
y0= : -2.3257772723242E-12

```

```
*****
i=29297
k(29297)=0.99966007160905
kQ(29297)=0.99932025876941
r1= : 2.7738993235256E-12
rpunto1 : = 7816131.2972567
rduepunti0 : = -2.561630538172E+25
fil : = 487.94269465969
fipunto1 : = 1.6215655148114E+18
fi_gradi : = 27957.057048241
t1 : = 1.0808878580738E-14
tpunto1 : = 1.0011819932076
tduepunti0 : = -5.7474712976348E+15
v=v_elettrone : = 9021724.4577605
x0= : -1.5084009137038E-12
y0= : -2.3268342335237E-12
*****
i=29298
k(29298)=0.99966033276829
kQ(29298)=0.99932078091041
r1= : 2.7748159891911E-12
rpunto1 : = 7813128.7527024
rduepunti0 : = -2.5601790649254E+25
fil : = 487.94288483477
fipunto1 : = 1.6204937863467E+18
fi_gradi : = 27957.067944471
t1 : = 1.0808878698156E-14
tpunto1 : = 1.0011813198568
tduepunti0 : = -5.74145878748E+15
v=v_elettrone : = 9018377.5477178
x0= : -1.5084567654289E-12
y0= : -2.3278908144257E-12
*****
i=29299
k(29299)=0.99966059367933
kQ(29299)=0.9993213025553
r1= : 2.775732302722E-12
rpunto1 : = 7810127.9083573
rduepunti0 : = -2.5587293478773E+25
fil : = 487.94307488417
fipunto1 : = 1.6194235313178E+18
fi_gradi : = 27957.078833499
t1 : = 1.0808878815573E-14
tpunto1 : = 1.0011806472101
tduepunti0 : = -5.7354556861726E+15
v=v_elettrone : = 9015032.8946177
x0= : -1.5085123712114E-12
y0= : -2.3289470152351E-12
*****
i=29300
k(29300)=0.9996608543425
kQ(29300)=0.99932182370478
r1= : 2.7766482643178E-12
rpunto1 : = 7807128.7621653
rduepunti0 : = -2.5572813840648E+25
fil : = 487.94326480804
fipunto1 : = 1.6183547468672E+18
fi_gradi : = 27957.089715335
t1 : = 1.080887893299E-14
tpunto1 : = 1.0011799752663
tduepunti0 : = -5.729461973523E+15
v=v_elettrone : = 9011690.4961192
x0= : -1.508567731286E-12
y0= : -2.3300028361564E-12
```

```
*****
i=29301
k(29301)=0.99966111475816
kQ(29301)=0.99932234435953
r1= : 2.7775638741777E-12
rpunto1 : = 7804131.3120736
rduepunti0 : = -2.5558351705313E+25
fil : = 487.94345460657
fipunto1 : = 1.6172874301443E+18
fi_gradi : = 27957.10058999
t1 : = 1.0808879050407E-14
tpunto1 : = 1.0011793040243
tduepunti0 : = -5.7234776293961E+15
v=v_elettrone : = 9008350.3491904
x0= : -1.5086228458869E-12
y0= : -2.3310582773941E-12
*****
i=29302
k(29302)=0.99966137492666
kQ(29302)=0.99932286452027
r1= : 2.7784791325006E-12
rpunto1 : = 7801135.556033
rduepunti0 : = -2.5543907043266E+25
fil : = 487.94364427993
fipunto1 : = 1.6162215783058E+18
fi_gradi : = 27957.111457473
t1 : = 1.0808879167824E-14
tpunto1 : = 1.0011786334831
tduepunti0 : = -5.7175026337114E+15
v=v_elettrone : = 9005012.4508063
x0= : -1.5086777152479E-12
y0= : -2.3321133391522E-12
*****
i=29303
k(29303)=0.99966163484835
kQ(29303)=0.99932338418767
r1= : 2.7793940394851E-12
rpunto1 : = 7798141.4919976
rduepunti0 : = -2.5529479825071E+25
fil : = 487.94383382828
fipunto1 : = 1.6151571885156E+18
fi_gradi : = 27957.122317793
t1 : = 1.0808879285241E-14
tpunto1 : = 1.0011779636415
tduepunti0 : = -5.7115369664428E+15
v=v_elettrone : = 9001676.7986023
x0= : -1.5087323396025E-12
y0= : -2.3331680216348E-12
*****
i=29304
k(29304)=0.99966189452356
kQ(29304)=0.99932390336244
r1= : 2.7803085953297E-12
rpunto1 : = 7795149.1179253
rduepunti0 : = -2.5515070021353E+25
fil : = 487.94402325181
fipunto1 : = 1.6140942579446E+18
fi_gradi : = 27957.133170962
t1 : = 1.0808879402658E-14
tpunto1 : = 1.0011772944984
tduepunti0 : = -5.705580607618E+15
v=v_elettrone : = 8998343.388865
x0= : -1.5087867191837E-12
y0= : -2.3342223250454E-12
```

```
*****
i=29305
k(29305)=0.99966215395266
kQ(29305)=0.99932442204526
r1= : 2.7812228002326E-12
rpunto1: = 7792158.4317769
rduepunti0 : = -2.5500677602804E+25
fil : = 487.94421255067
fipunto1 : = 1.613032783771E+18
fi_gradi : = 27957.144016988
t1 : = 1.0808879520075E-14
tpunto1 : = 1.0011766260528
tduepunti0 : = -5.6996335373189E+15
v=v_elettrone : = 8995012.2192255
x0= : -1.5088408542244E-12
y0= : -2.3352762495875E-12
*****
i=29306
k(29306)=0.99966241313597
kQ(29306)=0.99932494023683
r1= : 2.7821366543917E-12
rpunto1: = 7789169.4315172
rduepunti0 : = -2.5486302540177E+25
fil : = 487.94440172505
fipunto1 : = 1.61197276318E+18
fi_gradi : = 27957.154855881
t1 : = 1.0808879637491E-14
tpunto1 : = 1.0011759583037
tduepunti0 : = -5.6936957356813E+15
v=v_elettrone : = 8991683.2859592
x0= : -1.508894744957E-12
y0= : -2.3363297954644E-12
*****
i=29307
k(29307)=0.99966267207385
kQ(29307)=0.99932545793783
r1= : 2.7830501580048E-12
rpunto1: = 7786182.1151139
rduepunti0 : = -2.5471944804289E+25
fil : = 487.94459077511
fipunto1 : = 1.6109141933639E+18
fi_gradi : = 27957.165687652
t1 : = 1.0808879754908E-14
tpunto1 : = 1.0011752912498
tduepunti0 : = -5.6877671828942E+15
v=v_elettrone : = 8988356.5873651
x0= : -1.5089483916135E-12
y0= : -2.337382962879E-12
*****
i=29308
k(29308)=0.99966293076664
kQ(29308)=0.99932597514894
r1= : 2.7839633112693E-12
rpunto1: = 7783196.4805385
rduepunti0 : = -2.5457604366021E+25
fil : = 487.94477970102
fipunto1 : = 1.609857071522E+18
fi_gradi : = 27957.176512309
t1 : = 1.0808879872324E-14
tpunto1 : = 1.0011746248901
tduepunti0 : = -5.6818478592003E+15
v=v_elettrone : = 8985032.1197145
x0= : -1.5090017944256E-12
y0= : -2.338435752034E-12
```

```

*****
i=29309
k(29309)=0.99966318921468
kQ(29309)=0.99932649187087
r1= : 2.7848761143825E-12
rpunto1: = 7780212.5257657
rduepunti0 : = -2.5443281196316E+25
fil : = 487.94496850296
fipunto1 : = 1.6088013948608E+18
fi_gradi : = 27957.187329863
t1 : = 1.0808879989741E-14
tpunto1 : = 1.0011739592235
tduepunti0 : = -5.6759377448956E+15
v=v_elettrone : = 8981709.8799452
x0= : -1.5090549536247E-12
y0= : -2.3394881631319E-12
*****
i=29310
k(29310)=0.99966344741832
kQ(29310)=0.99932700810428
r1= : 2.7857885675413E-12
rpunto1: = 7777230.2487738
rduepunti0 : = -2.542897526618E+25
fil : = 487.94515718108
fipunto1 : = 1.6077471605937E+18
fi_gradi : = 27957.198140324
t1 : = 1.0808880107157E-14
tpunto1 : = 1.001173294249
tduepunti0 : = -5.6700368203289E+15
v=v_elettrone : = 8978389.8656542
x0= : -1.5091078694418E-12
y0= : -2.3405401963749E-12
*****
i=29311
k(29311)=0.9996637053779
kQ(29311)=0.99932752384987
r1= : 2.7867006709426E-12
rpunto1: = 7774249.6475441
rduepunti0 : = -2.5414686546684E+25
fil : = 487.94534573557
fipunto1 : = 1.6066943659411E+18
fi_gradi : = 27957.2089437
t1 : = 1.0808880224574E-14
tpunto1 : = 1.0011726299655
tduepunti0 : = -5.6641450659022E+15
v=v_elettrone : = 8975072.0737997
x0= : -1.5091605421076E-12
y0= : -2.3415918519652E-12
*****
i=29312
k(29312)=0.99966396309375
kQ(29312)=0.99932803910831
r1= : 2.7876124247829E-12
rpunto1: = 7771270.7200618
rduepunti0 : = -2.5400415008957E+25
fil : = 487.94553416658
fipunto1 : = 1.6056430081303E+18
fi_gradi : = 27957.219740002
t1 : = 1.080888034199E-14
tpunto1 : = 1.0011719663718
tduepunti0 : = -5.6582624620701E+15
v=v_elettrone : = 8971756.5012775
x0= : -1.5092129718522E-12
y0= : -2.3426431301044E-12

```



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*****
i=29313
k(29313)=0.99966422056623
kQ(29313)=0.99932855388029
r1= : 2.7885238292585E-12
rpunto1: = 7768293.4643151
rduepunti0 : = -2.5386160624195E+25
fil : = 487.9457224743
fipunto1 : = 1.6045930843957E+18
fi_gradi : = 27957.230529239
t1 : = 1.0808880459406E-14
tpunto1 : = 1.001171303467
tduepunti0 : = -5.6523889893397E+15
v=v_elettrone : = 8968443.1450282
x0= : -1.5092651589058E-12
y0= : -2.3436940309941E-12
*****
i=29314
k(29314)=0.99966447779567
kQ(29314)=0.99932906816648
r1= : 2.7894348845654E-12
rpunto1: = 7765317.8782957
rduepunti0 : = -2.5371923363654E+25
fil : = 487.94591065888
fipunto1 : = 1.6035445919786E+18
fi_gradi : = 27957.241311421
t1 : = 1.0808880576822E-14
tpunto1 : = 1.00117064125
tduepunti0 : = -5.6465246282705E+15
v=v_elettrone : = 8965132.0033205
x0= : -1.509317103498E-12
y0= : -2.3447445548355E-12
*****
i=29315
k(29315)=0.9996647347824
kQ(29315)=0.99932958196757
r1= : 2.7903455908995E-12
rpunto1: = 7762343.9599986
rduepunti0 : = -2.5357703198652E+25
fil : = 487.94609872049
fipunto1 : = 1.6024975281271E+18
fi_gradi : = 27957.252086558
t1 : = 1.0808880694238E-14
tpunto1 : = 1.0011699797197
tduepunti0 : = -5.6406693594744E+15
v=v_elettrone : = 8961823.0717063
x0= : -1.5093688058579E-12
y0= : -2.34579470183E-12
*****
i=29316
k(29316)=0.99966499152677
kQ(29316)=0.99933009528423
r1= : 2.7912559484563E-12
rpunto1: = 7759371.7074224
rduepunti0 : = -2.5343500100569E+25
fil : = 487.94628665931
fipunto1 : = 1.6014518900962E+18
fi_gradi : = 27957.262854659
t1 : = 1.0808880811654E-14
tpunto1 : = 1.001169318875
tduepunti0 : = -5.6348231636151E+15
v=v_elettrone : = 8958516.3484471
x0= : -1.5094202662146E-12
y0= : -2.3468444721781E-12

```

```
*****
i=29317
k(29317)=0.99966524802912
kQ(29317)=0.99933060811713
r1= : 2.7921659574312E-12
rpunto1: = 7756401.1185687
rduepunti0 : = -2.5329314040847E+25
fil : = 487.94647447549
fipunto1 : = 1.600407675148E+18
fi_gradi : = 27957.273615734
t1 : = 1.080888092907E-14
tpunto1 : = 1.0011686587148
tduepunti0 : = -5.6289860214084E+15
v=v_elettrone : = 8955211.8304615
x0= : -1.5094714847965E-12
y0= : -2.3478938660807E-12
*****
i=29318
k(29318)=0.99966550428978
kQ(29318)=0.99933112046695
r1= : 2.7930756180194E-12
rpunto1: = 7753432.1914427
rduepunti0 : = -2.531514499099E+25
fil : = 487.94666216921
fipunto1 : = 1.5993648805511E+18
fi_gradi : = 27957.284369792
t1 : = 1.0808881046485E-14
tpunto1 : = 1.0011679992382
tduepunti0 : = -5.6231579136216E+15
v=v_elettrone : = 8951909.5139578
x0= : -1.5095224618318E-12
y0= : -2.348942883738E-12
*****
i=29319
k(29319)=0.9996657603091
kQ(29319)=0.99933163233436
r1= : 2.7939849304156E-12
rpunto1: = 7750464.9240527
rduepunti0 : = -2.5300992922563E+25
fil : = 487.94684974064
fipunto1 : = 1.5983235035811E+18
fi_gradi : = 27957.295116843
t1 : = 1.0808881163901E-14
tpunto1 : = 1.0011673404441
tduepunti0 : = -5.6173388210739E+15
v=v_elettrone : = 8948609.3971979
x0= : -1.5095731975486E-12
y0= : -2.3499915253501E-12
*****
i=29320
k(29320)=0.99966601608739
kQ(29320)=0.99933214372004
r1= : 2.7948938948146E-12
rpunto1: = 7747499.3144106
rduepunti0 : = -2.5286857807192E+25
fil : = 487.94703718993
fipunto1 : = 1.5972835415204E+18
fi_gradi : = 27957.305856896
t1 : = 1.0808881281317E-14
tpunto1 : = 1.0011666823313
tduepunti0 : = -5.6115287246353E+15
v=v_elettrone : = 8945311.4770638
x0= : -1.5096236921744E-12
y0= : -2.351039791117E-12
```

```
*****
i=29321
k(29321)=0.99966627162501
kQ(29321)=0.99933265462465
r1= : 2.7958025114108E-12
rpunto1: = 7744535.3605315
rduepunti0 : = -2.5272739616565E+25
fil : = 487.94722451726
fipunto1 : = 1.5962449916583E+18
fi_gradi : = 27957.316589961
t1 : = 1.0808881398732E-14
tpunto1 : = 1.0011660248989
tduepunti0 : = -5.6057276052276E+15
v=v_elettrone : = 8942015.7504541
x0= : -1.5096739459362E-12
y0= : -2.3520876812384E-12
*****
i=29322
k(29322)=0.99966652692229
kQ(29322)=0.99933316504887
r1= : 2.7967107803984E-12
rpunto1: = 7741573.0604337
rduepunti0 : = -2.5258638322429E+25
fil : = 487.94741172278
fipunto1 : = 1.5952078512905E+18
fi_gradi : = 27957.327316048
t1 : = 1.0808881516148E-14
tpunto1 : = 1.0011653681458
tduepunti0 : = -5.5999354438234E+15
v=v_elettrone : = 8938722.2149212
x0= : -1.5097239590611E-12
y0= : -2.3531351959138E-12
*****
i=29323
k(29323)=0.99966678197955
kQ(29323)=0.99933367499335
r1= : 2.7976187019712E-12
rpunto1: = 7738612.4121389
rduepunti0 : = -2.5244553896595E+25
fil : = 487.94759880668
fipunto1 : = 1.5941721177198E+18
fi_gradi : = 27957.338035165
t1 : = 1.0808881633563E-14
tpunto1 : = 1.0011647120709
tduepunti0 : = -5.594152221446E+15
v=v_elettrone : = 8935430.8673489
x0= : -1.5097737317754E-12
y0= : -2.3541823353423E-12
*****
i=29324
k(29324)=0.99966703679714
kQ(29324)=0.99933418445878
r1= : 2.7985262763231E-12
rpunto1: = 7735653.4136723
rduepunti0 : = -2.5230486310931E+25
fil : = 487.9477857691
fipunto1 : = 1.5931377882556E+18
fi_gradi : = 27957.348747323
t1 : = 1.0808881750978E-14
tpunto1 : = 1.0011640566733
tduepunti0 : = -5.5883779191698E+15
v=v_elettrone : = 8932141.7046095
x0= : -1.5098232643053E-12
y0= : -2.3552290997229E-12
```

```
*****
i=29325
k(29325)=0.99966729137539
kQ(29325)=0.9993346934458
r1= : 2.7994335036476E-12
rpunto1: = 7732696.063062
rduepunti0 : = -2.5216435537368E+25
fil : = 487.94797261022
fipunto1 : = 1.5921048602139E+18
fi_gradi : = 27957.359452531
t1 : = 1.0808881868394E-14
tpunto1 : = 1.0011634019518
tduepunti0 : = -5.5826125181195E+15
v=v_elettrone : = 8928854.7242544
x0= : -1.5098725568768E-12
y0= : -2.3562754892544E-12
*****
i=29326
k(29326)=0.99966754571462
kQ(29326)=0.99933520195509
r1= : 2.8003403841378E-12
rpunto1: = 7729740.3583396
rduepunti0 : = -2.5202401547897E+25
fil : = 487.94815933019
fipunto1 : = 1.5910733309176E+18
fi_gradi : = 27957.370150797
t1 : = 1.0808881985809E-14
tpunto1 : = 1.0011627479054
tduepunti0 : = -5.5768559994702E+15
v=v_elettrone : = 8925569.9238344
x0= : -1.5099216097154E-12
y0= : -2.3573215041353E-12
*****
i=29327
k(29327)=0.99966779981518
kQ(29327)=0.99933570998732
r1= : 2.8012469179868E-12
rpunto1: = 7726786.2975401
rduepunti0 : = -2.5188384314567E+25
fil : = 487.9483459292
fipunto1 : = 1.590043197696E+18
fi_gradi : = 27957.380842132
t1 : = 1.0808882103224E-14
tpunto1 : = 1.0011620945331
tduepunti0 : = -5.5711083444473E+15
v=v_elettrone : = 8922287.300207
x0= : -1.509970423046E-12
y0= : -2.358367144564E-12
*****
i=29328
k(29328)=0.99966805367738
kQ(29328)=0.99933621754313
r1= : 2.8021531053874E-12
rpunto1: = 7723833.8787014
rduepunti0 : = -2.5174383809491E+25
fil : = 487.94853240738
fipunto1 : = 1.5890144578852E+18
fi_gradi : = 27957.391526546
t1 : = 1.0808882220639E-14
tpunto1 : = 1.0011614418338
tduepunti0 : = -5.5653695343262E+15
v=v_elettrone : = 8919006.8495521
x0= : -1.5100189970936E-12
y0= : -2.3594124107385E-12
```

```
*****
i=29329
k(29329)=0.99966830730157
kQ(29329)=0.99933672462319
r1= : 2.8030589465322E-12
rpunto1: = 7720883.0998652
rduepunti0 : = -2.5160400004838E+25
fil : = 487.94871876492
fipunto1 : = 1.5879871088278E+18
fi_gradi : = 27957.402204046
t1 : = 1.0808882338054E-14
tpunto1 : = 1.0011607898066
tduepunti0 : = -5.5596395504324E+15
v=v_elettrone : = 8915728.5707577
x0= : -1.5100673320828E-12
y0= : -2.3604573028565E-12
*****
i=29330
k(29330)=0.99966856068807
kQ(29330)=0.99933723122816
r1= : 2.8039644416135E-12
rpunto1: = 7717933.9590759
rduepunti0 : = -2.5146432872839E+25
fil : = 487.94890500198
fipunto1 : = 1.5869611478733E+18
fi_gradi : = 27957.412874643
t1 : = 1.0808882455468E-14
tpunto1 : = 1.0011601384503
tduepunti0 : = -5.5539183741409E+15
v=v_elettrone : = 8912452.460007
x0= : -1.5101154282375E-12
y0= : -2.3615018211158E-12
*****
i=29331
k(29331)=0.99966881383721
kQ(29331)=0.9993377373587
r1= : 2.8048695908235E-12
rpunto1: = 7714986.4543815
rduepunti0 : = -2.5132482385783E+25
fil : = 487.94909111871
fipunto1 : = 1.5859365723773E+18
fi_gradi : = 27957.423538346
t1 : = 1.0808882572883E-14
tpunto1 : = 1.0011594877639
tduepunti0 : = -5.5482059868764E+15
v=v_elettrone : = 8909178.5148096
x0= : -1.5101632857817E-12
y0= : -2.3625459657137E-12
*****
i=29332
k(29332)=0.99966906674932
kQ(29332)=0.99933824301547
r1= : 2.8057743943539E-12
rpunto1: = 7712040.5838332
rduepunti0 : = -2.5118548516021E+25
fil : = 487.94927711528
fipunto1 : = 1.5849133797024E+18
fi_gradi : = 27957.434195165
t1 : = 1.0808882690298E-14
tpunto1 : = 1.0011588377465
tduepunti0 : = -5.542502370113E+15
v=v_elettrone : = 8905906.7327042
x0= : -1.5102109049388E-12
y0= : -2.3635897368474E-12
```

```
*****
i=29333
k(29333)=0.99966931942473
kQ(29333)=0.99933874819911
r1= : 2.8066788523965E-12
rpunto1: = 7709096.3454852
rduepunti0 : = -2.5104631235959E+25
fil : = 487.94946299185
fipunto1 : = 1.5838915672174E+18
fi_gradi : = 27957.444845108
t1 : = 1.0808882807712E-14
tpunto1 : = 1.0011581883969
tduepunti0 : = -5.5368075053741E+15
v=v_elettrone : = 8902637.110523
x0= : -1.5102582859318E-12
y0= : -2.3646331347138E-12
*****
i=29334
k(29334)=0.99966957186376
kQ(29334)=0.99933925291028
r1= : 2.8075829651427E-12
rpunto1: = 7706153.7373953
rduepunti0 : = -2.5090730518066E+25
fil : = 487.94964874858
fipunto1 : = 1.5828711322979E+18
fi_gradi : = 27957.455488185
t1 : = 1.0808882925127E-14
tpunto1 : = 1.0011575397142
tduepunti0 : = -5.5311213742322E+15
v=v_elettrone : = 8899369.6450907
x0= : -1.5103054289837E-12
y0= : -2.3656761595096E-12
*****
i=29335
k(29335)=0.99966982406675
kQ(29335)=0.99933975714964
r1= : 2.8084867327836E-12
rpunto1: = 7703212.7576243
rduepunti0 : = -2.5076846334868E+25
fil : = 487.94983438564
fipunto1 : = 1.5818520723257E+18
fi_gradi : = 27957.466124405
t1 : = 1.0808883042541E-14
tpunto1 : = 1.0011568916974
tduepunti0 : = -5.5254439583087E+15
v=v_elettrone : = 8896104.3339398
x0= : -1.5103523343169E-12
y0= : -2.3667188114313E-12
*****
i=29336
k(29336)=0.99967007603401
kQ(29336)=0.99934026091784
r1= : 2.8093901555103E-12
rpunto1: = 7700273.4042362
rduepunti0 : = -2.506297865895E+25
fil : = 487.95001990318
fipunto1 : = 1.5808343846894E+18
fi_gradi : = 27957.476753777
t1 : = 1.0808883159956E-14
tpunto1 : = 1.0011562443454
tduepunti0 : = -5.5197752392739E+15
v=v_elettrone : = 8892841.1745476
x0= : -1.5103990021536E-12
y0= : -2.3677610906751E-12
```

```
*****
i=29337
k(29337)=0.99967032776587
kQ(29337)=0.99934076421552
r1= : 2.8102932335134E-12
rpunto1: = 7697335.6752982
rduepunti0 : = -2.5049127462956E+25
fil : = 487.95020530137
fipunto1 : = 1.5798180667838E+18
fi_gradi : = 27957.487376311
t1 : = 1.080888327737E-14
tpunto1 : = 1.0011555976571
tduepunti0 : = -5.5141151988466E+15
v=v_elettrone : = 8889580.1644425
x0= : -1.5104454327156E-12
y0= : -2.368802997437E-12
*****
i=29338
k(29338)=0.99967057926266
kQ(29338)=0.99934126704334
r1= : 2.8111959669836E-12
rpunto1: = 7694399.5688809
rduepunti0 : = -2.5035292719589E+25
fil : = 487.95039058037
fipunto1 : = 1.5788031160103E+18
fi_gradi : = 27957.497992015
t1 : = 1.0808883394784E-14
tpunto1 : = 1.0011549516317
tduepunti0 : = -5.5084638187943E+15
v=v_elettrone : = 8886321.2997504
x0= : -1.5104916262243E-12
y0= : -2.3698445319129E-12
*****
i=29339
k(29339)=0.9996708305247
kQ(29339)=0.99934176940195
r1= : 2.812098356111E-12
rpunto1: = 7691465.0830578
rduepunti0 : = -2.5021474401609E+25
fil : = 487.95057574034
fipunto1 : = 1.5777895297765E+18
fi_gradi : = 27957.5086009
t1 : = 1.0808883512198E-14
tpunto1 : = 1.001154306268
tduepunti0 : = -5.5028210809326E+15
v=v_elettrone : = 8883064.5786461
x0= : -1.510537582901E-12
y0= : -2.3708856942983E-12
*****
i=29340
k(29340)=0.99967108155232
kQ(29340)=0.99934227129198
r1= : 2.8130004010857E-12
rpunto1: = 7688532.2159059
rduepunti0 : = -2.5007672481834E+25
fil : = 487.95076078143
fipunto1 : = 1.5767773054968E+18
fi_gradi : = 27957.519202974
t1 : = 1.0808883629613E-14
tpunto1 : = 1.0011536615651
tduepunti0 : = -5.4971869671253E+15
v=v_elettrone : = 8879809.998625
x0= : -1.5105833029665E-12
y0= : -2.3719264847884E-12
```

```

*****
i=29341
k(29341)=0.99967133234583
kQ(29341)=0.99934277271409
r1= : 2.8139021020976E-12
rpunto1: = 7685600.9655051
rduepunti0 : = -2.4993886933143E+25
fil : = 487.95094570381
fipunto1 : = 1.5757664405915E+18
fi_gradi : = 27957.529798246
t1 : = 1.0808883747027E-14
tpunto1 : = 1.001153017522
tduepunti0 : = -5.4915614592844E+15
v=v_elettrone : = 8876557.5558141
x0= : -1.5106287866411E-12
y0= : -2.3729669035786E-12
*****
i=29342
k(29342)=0.99967158290557
kQ(29342)=0.99934327366892
r1= : 2.8148034593363E-12
rpunto1: = 7682671.3299386
rduepunti0 : = -2.4980117728468E+25
fil : = 487.95113050764
fipunto1 : = 1.5747569324877E+18
fi_gradi : = 27957.540386725
t1 : = 1.080888386444E-14
tpunto1 : = 1.0011523741376
tduepunti0 : = -5.4859445393696E+15
v=v_elettrone : = 8873307.2483724
x0= : -1.5106740341452E-12
y0= : -2.3740069508636E-12
*****
i=29343
k(29343)=0.99967183323184
kQ(29343)=0.99934377415711
r1= : 2.8157044729912E-12
rpunto1: = 7679743.3072929
rduepunti0 : = -2.4966364840803E+25
fil : = 487.95131519308
fipunto1 : = 1.5737487786185E+18
fi_gradi : = 27957.550968421
t1 : = 1.0808883981854E-14
tpunto1 : = 1.0011517314109
tduepunti0 : = -5.4803361893884E+15
v=v_elettrone : = 8870059.0731005
x0= : -1.5107190456986E-12
y0= : -2.3750466268382E-12
*****
i=29344
k(29344)=0.99967208332498
kQ(29344)=0.99934427417931
r1= : 2.8166051432514E-12
rpunto1: = 7676816.8956573
rduepunti0 : = -2.4952628243199E+25
fil : = 487.95149976028
fipunto1 : = 1.5727419764235E+18
fi_gradi : = 27957.561543343
t1 : = 1.0808884099268E-14
tpunto1 : = 1.001151089341
tduepunti0 : = -5.4747363913957E+15
v=v_elettrone : = 8866813.0281612
x0= : -1.5107638215208E-12
y0= : -2.3760859316966E-12

```



```
*****
i=29345
k(29345)=0.9996723331853
kQ(29345)=0.99934477373615
r1= : 2.8175054703059E-12
rpunto1: = 7673892.0931247
rduepunti0 : = -2.4938907908761E+25
fil : = 487.9516842094
fipunto1 : = 1.5717365233486E+18
fi_gradi : = 27957.572111499
t1 : = 1.0808884216682E-14
tpunto1 : = 1.0011504479268
tduepunti0 : = -5.4691451274941E+15
v=v_elettrone : = 8863569.1096555
x0= : -1.5108083618308E-12
y0= : -2.3771248656334E-12
*****
i=29346
k(29346)=0.99967258281313
kQ(29346)=0.99934527282827
r1= : 2.8184054543433E-12
rpunto1: = 7670968.8977907
rduepunti0 : = -2.4925203810655E+25
fil : = 487.95186854061
fipunto1 : = 1.5707324168459E+18
fi_gradi : = 27957.582672899
t1 : = 1.0808884334095E-14
tpunto1 : = 1.0011498071673
tduepunti0 : = -5.4635623798331E+15
v=v_elettrone : = 8860327.3157384
x0= : -1.5108526668477E-12
y0= : -2.3781634288423E-12
*****
i=29347
k(29347)=0.99967283220878
kQ(29347)=0.99934577145631
r1= : 2.8193050955523E-12
rpunto1: = 7668047.3077545
rduepunti0 : = -2.4911515922103E+25
fil : = 487.95205275405
fipunto1 : = 1.5697296543738E+18
fi_gradi : = 27957.593227552
t1 : = 1.0808884451509E-14
tpunto1 : = 1.0011491670616
tduepunti0 : = -5.4579881306097E+15
v=v_elettrone : = 8857087.6431962
x0= : -1.5108967367899E-12
y0= : -2.3792016215172E-12
*****
i=29348
k(29348)=0.99967308137257
kQ(29348)=0.99934626962092
r1= : 2.8202043941209E-12
rpunto1: = 7665127.321118
rduepunti0 : = -2.4897844216383E+25
fil : = 487.9522368499
fipunto1 : = 1.568728233397E+18
fi_gradi : = 27957.603775467
t1 : = 1.0808884568922E-14
tpunto1 : = 1.0011485276086
tduepunti0 : = -5.4524223620675E+15
v=v_elettrone : = 8853850.0894778
x0= : -1.5109405718756E-12
y0= : -2.3802394438516E-12
```

```
*****
i=29349
k(29349)=0.99967333030481
kQ(29349)=0.99934676732272
r1= : 2.8211033502374E-12
rpunto1: = 7662208.9359865
rduepunti0 : = -2.4884188666832E+25
fil : = 487.95242082829
fipunto1 : = 1.5677281513863E+18
fi_gradi : = 27957.614316653
t1 : = 1.0808884686336E-14
tpunto1 : = 1.0011478888074
tduepunti0 : = -5.4468650564972E+15
v=v_elettrone : = 8850614.651371
x0= : -1.5109841723228E-12
y0= : -2.3812768960389E-12
*****
i=29350
k(29350)=0.99967357900584
kQ(29350)=0.99934726456235
r1= : 2.8220019640894E-12
rpunto1: = 7659292.1504684
rduepunti0 : = -2.4870549246841E+25
fil : = 487.9526046894
fipunto1 : = 1.5667294058189E+18
fi_gradi : = 27957.624851118
t1 : = 1.0808884803749E-14
tpunto1 : = 1.001147250657
tduepunti0 : = -5.4413161962359E+15
v=v_elettrone : = 8847381.3276925
x0= : -1.5110275383491E-12
y0= : -2.3823139782722E-12
*****
i=29351
k(29351)=0.99967382747596
kQ(29351)=0.99934776134044
r1= : 2.8229002358647E-12
rpunto1: = 7656376.9626751
rduepunti0 : = -2.4856925929859E+25
fil : = 487.95278843338
fipunto1 : = 1.5657319941781E+18
fi_gradi : = 27957.635378873
t1 : = 1.0808884921162E-14
tpunto1 : = 1.0011466131563
tduepunti0 : = -5.4357757636673E+15
v=v_elettrone : = 8844150.1138383
x0= : -1.5110706701716E-12
y0= : -2.3833506907444E-12
*****
i=29352
k(29352)=0.99967407571549
kQ(29352)=0.99934825765762
r1= : 2.8237981657505E-12
rpunto1: = 7653463.3707212
rduepunti0 : = -2.4843318689392E+25
fil : = 487.95297206038
fipunto1 : = 1.5647359139533E+18
fi_gradi : = 27957.645899925
t1 : = 1.0808885038575E-14
tpunto1 : = 1.0011459763044
tduepunti0 : = -5.4302437412216E+15
v=v_elettrone : = 8840921.0086207
x0= : -1.5111135680073E-12
y0= : -2.3843870336481E-12
```

```

*****
i=29353
k(29353)=0.99967432372475
kQ(29353)=0.99934875351453
r1= : 2.8246957539341E-12
rpunto1: = 7650551.3727243
rduepunti0 : = -2.4829727499002E+25
fil : = 487.95315557057
fipunto1 : = 1.5637411626401E+18
fi_gradi : = 27957.656414284
t1 : = 1.0808885155989E-14
tpunto1 : = 1.0011453401003
tduepunti0 : = -5.4247201113751E+15
v=v_elettrone : = 8837694.0081249
x0= : -1.5111562320728E-12
y0= : -2.3854230071758E-12
*****
i=29354
k(29354)=0.99967457150404
kQ(29354)=0.99934924891179
r1= : 2.8255930006023E-12
rpunto1: = 7647640.9668053
rduepunti0 : = -2.4816152332305E+25
fil : = 487.95333896409
fipunto1 : = 1.5627477377403E+18
fi_gradi : = 27957.666921959
t1 : = 1.0808885273402E-14
tpunto1 : = 1.001144704543
tduepunti0 : = -5.4192048566501E+15
v=v_elettrone : = 8834469.1111456
x0= : -1.5111986625844E-12
y0= : -2.3864586115197E-12
*****
i=29355
k(29355)=0.99967481905369
kQ(29355)=0.99934974385004
r1= : 2.826489905942E-12
rpunto1: = 7644732.1510879
rduepunti0 : = -2.4802593162976E+25
fil : = 487.9535222411
fipunto1 : = 1.5617556367617E+18
fi_gradi : = 27957.677422958
t1 : = 1.0808885390815E-14
tpunto1 : = 1.0011440696316
tduepunti0 : = -5.413697959615E+15
v=v_elettrone : = 8831246.3137584
x0= : -1.511240859758E-12
y0= : -2.3874938468718E-12
*****
i=29356
k(29356)=0.99967506637402
kQ(29356)=0.99935023832989
r1= : 2.8273864701395E-12
rpunto1: = 7641824.9236991
rduepunti0 : = -2.4789049964744E+25
fil : = 487.95370540176
fipunto1 : = 1.5607648572183E+18
fi_gradi : = 27957.687917291
t1 : = 1.0808885508227E-14
tpunto1 : = 1.0011434353651
tduepunti0 : = -5.4081994028837E+15
v=v_elettrone : = 8828025.6133958
x0= : -1.5112828238093E-12
y0= : -2.388528713424E-12

```

```
*****
i=29357
k(29357)=0.99967531346532
kQ(29357)=0.99935073235199
r1= : 2.8282826933813E-12
rpunto1: = 7638919.2827689
rduepunti0 : = -2.4775522711394E+25
fil : = 487.95388844622
fipunto1 : = 1.5597753966301E+18
fi_gradi : = 27957.698404966
t1 : = 1.080888562564E-14
tpunto1 : = 1.0011428017424
tduepunti0 : = -5.4027091691161E+15
v=v_elettrone : = 8824807.0081614
x0= : -1.5113245549537E-12
y0= : -2.3895632113678E-12
*****
i=29358
k(29358)=0.99967556032792
kQ(29358)=0.99935122591694
r1= : 2.8291785758532E-12
rpunto1: = 7636015.2264304
rduepunti0 : = -2.4762011376767E+25
fil : = 487.95407137464
fipunto1 : = 1.5587872525232E+18
fi_gradi : = 27957.708885992
t1 : = 1.0808885743053E-14
tpunto1 : = 1.0011421687626
tduepunti0 : = -5.3972272410173E+15
v=v_elettrone : = 8821590.495487
x0= : -1.5113660534061E-12
y0= : -2.3905973408944E-12
*****
i=29359
k(29359)=0.99967580696213
kQ(29359)=0.99935171902538
r1= : 2.8300741177412E-12
rpunto1: = 7633112.7528196
rduepunti0 : = -2.4748515934759E+25
fil : = 487.95425418718
fipunto1 : = 1.5578004224298E+18
fi_gradi : = 27957.719360379
t1 : = 1.0808885860466E-14
tpunto1 : = 1.0011415364248
tduepunti0 : = -5.3917536013378E+15
v=v_elettrone : = 8818376.0714289
x0= : -1.5114073193811E-12
y0= : -2.3916311021953E-12
*****
i=29360
k(29360)=0.99967605336825
kQ(29360)=0.99935221167793
r1= : 2.8309693192309E-12
rpunto1: = 7630211.8600759
rduepunti0 : = -2.4735036359321E+25
fil : = 487.95443688397
fipunto1 : = 1.556814903888E+18
fi_gradi : = 27957.729828134
t1 : = 1.0808885977878E-14
tpunto1 : = 1.001140904728
tduepunti0 : = -5.3862882328735E+15
v=v_elettrone : = 8815163.7340785
x0= : -1.5114483530933E-12
y0= : -2.3926644954611E-12
```

```
*****
i=29361
k(29361)=0.99967629954661
kQ(29361)=0.99935270387521
r1= : 2.8318641805077E-12
rpunto1 : = 7627312.5463414
rduepunti0 : = -2.472157262446E+25
fil : = 487.95461946519
fipunto1 : = 1.555830694442E+18
fi_gradi : = 27957.740289268
t1 : = 1.0808886095291E-14
tpunto1 : = 1.0011402736711
tduepunti0 : = -5.3808311184649E+15
v=v_elettrone : = 8811953.4815376
x0= : -1.5114891547567E-12
y0= : -2.3936975208826E-12
*****
i=29362
k(29362)=0.99967654549751
kQ(29362)=0.99935319561783
r1= : 2.8327587017568E-12
rpunto1 : = 7624414.8097614
rduepunti0 : = -2.4708124704237E+25
fil : = 487.95480193098
fipunto1 : = 1.554847791642E+18
fi_gradi : = 27957.750743787
t1 : = 1.0808886212703E-14
tpunto1 : = 1.0011396432533
tduepunti0 : = -5.375382240998E+15
v=v_elettrone : = 8808745.3098487
x0= : -1.5115297245849E-12
y0= : -2.3947301786504E-12
*****
i=29363
k(29363)=0.99967679122126
kQ(29363)=0.99935368690643
r1= : 2.8336528831631E-12
rpunto1 : = 7621518.6484842
rduepunti0 : = -2.4694692572769E+25
fil : = 487.9549842815
fipunto1 : = 1.5538661930441E+18
fi_gradi : = 27957.761191702
t1 : = 1.0808886330115E-14
tpunto1 : = 1.0011390134736
tduepunti0 : = -5.3699415834031E+15
v=v_elettrone : = 8805539.2171014
x0= : -1.5115700627916E-12
y0= : -2.3957624689545E-12
*****
i=29364
k(29364)=0.99967703671817
kQ(29364)=0.99935417774161
r1= : 2.8345467249114E-12
rpunto1 : = 7618624.0606613
rduepunti0 : = -2.4681276204226E+25
fil : = 487.9551665169
fipunto1 : = 1.5528858962104E+18
fi_gradi : = 27957.771633021
t1 : = 1.0808886447528E-14
tpunto1 : = 1.001138384331
tduepunti0 : = -5.3645091286553E+15
v=v_elettrone : = 8802335.200697
x0= : -1.5116101695896E-12
y0= : -2.3967943919852E-12
```

```
*****
i=29365
k(29365)=0.99967728198854
kQ(29365)=0.999354668124
r1= : 2.8354402271862E-12
rpunto1: = 7615731.0444468
rduerpunti0 : = -2.4667875572834E+25
fil : = 487.95534863732
fipunto1 : = 1.5519068987089E+18
fi_gradi : = 27957.782067753
t1 : = 1.080888656494E-14
tpunto1 : = 1.0011377558245
tduerpunti0 : = -5.3590848597743E+15
v=v_elettrone : = 8799133.2580433
x0= : -1.511650045192E-12
y0= : -2.3978259479322E-12
*****
i=29366
k(29366)=0.9996775270327
kQ(29366)=0.99935515805421
r1= : 2.8363333901719E-12
rpunto1: = 7612839.5979983
rduerpunti0 : = -2.4654490652873E+25
fil : = 487.95553064294
fipunto1 : = 1.5509291981135E+18
fi_gradi : = 27957.792495907
t1 : = 1.0808886682352E-14
tpunto1 : = 1.0011371279532
tduerpunti0 : = -5.353668759824E+15
v=v_elettrone : = 8795933.3858373
x0= : -1.5116896898111E-12
y0= : -2.3988571369852E-12
*****
i=29367
k(29367)=0.99967777185093
kQ(29367)=0.99935564753285
r1= : 2.8372262140525E-12
rpunto1: = 7609949.7194761
rduerpunti0 : = -2.4641121418677E+25
fil : = 487.95571253389
fipunto1 : = 1.5499527920042E+18
fi_gradi : = 27957.802917491
t1 : = 1.0808886799764E-14
tpunto1 : = 1.0011365007162
tduerpunti0 : = -5.3482608119126E+15
v=v_elettrone : = 8792735.5828583
x0= : -1.5117291036592E-12
y0= : -2.3998879593334E-12
*****
i=29368
k(29368)=0.99967801644356
kQ(29368)=0.99935613656054
r1= : 2.8381186990119E-12
rpunto1: = 7607061.4070436
rduerpunti0 : = -2.4627767844635E+25
fil : = 487.95589431033
fipunto1 : = 1.5489776779665E+18
fi_gradi : = 27957.813332513
t1 : = 1.0808886917176E-14
tpunto1 : = 1.0011358741124
tduerpunti0 : = -5.3428609991922E+15
v=v_elettrone : = 8789539.8451023
x0= : -1.511768286948E-12
y0= : -2.4009184151663E-12
```

```
*****
i=29369
k(29369)=0.99967826081089
kQ(29369)=0.99935662513788
r1= : 2.8390108452338E-12
rpunto1 : = 7604174.6588672
rduepunti0 : = -2.4614429905188E+25
fil : = 487.9560759724
fipunto1 : = 1.5480038535921E+18
fi_gradi : = 27957.823740984
t1 : = 1.0808887034588E-14
tpunto1 : = 1.001135248141
tduepunti0 : = -5.337469304859E+15
v=v_elettrone : = 8786346.1706618
x0= : -1.5118072398892E-12
y0= : -2.4019485046727E-12
*****
i=29370
k(29370)=0.99967850495322
kQ(29370)=0.9993571132655
r1= : 2.8399026529017E-12
rpunto1 : = 7601289.4731163
rduepunti0 : = -2.4601107574833E+25
fil : = 487.95625752027
fipunto1 : = 1.5470313164785E+18
fi_gradi : = 27957.83414291
t1 : = 1.0808887152E-14
tpunto1 : = 1.001134622801
tduepunti0 : = -5.3320857121531E+15
v=v_elettrone : = 8783154.556222
x0= : -1.5118459626941E-12
y0= : -2.4029782280414E-12
*****
i=29371
k(29371)=0.99967874887086
kQ(29371)=0.999357600944
r1= : 2.8407941221987E-12
rpunto1 : = 7598405.8479633
rduepunti0 : = -2.4587800828121E+25
fil : = 487.95643895408
fipunto1 : = 1.5460600642288E+18
fi_gradi : = 27957.844538302
t1 : = 1.0808887269412E-14
tpunto1 : = 1.0011339980913
tduepunti0 : = -5.3267102043579E+15
v=v_elettrone : = 8779965.0005362
x0= : -1.5118844555736E-12
y0= : -2.4040075854608E-12
*****
i=29372
k(29372)=0.99967899256411
kQ(29372)=0.99935808817399
r1= : 2.841685253308E-12
rpunto1 : = 7595523.7815835
rduepunti0 : = -2.4574509639654E+25
fil : = 487.95662027399
fipunto1 : = 1.5450900944523E+18
fi_gradi : = 27957.854927167
t1 : = 1.0808887386823E-14
tpunto1 : = 1.0011333740112
tduepunti0 : = -5.3213427648006E+15
v=v_elettrone : = 8776777.4995907
x0= : -1.5119227187382E-12
y0= : -2.4050365771193E-12
```

```
*****
i=29373
k(29373)=0.99967923603328
kQ(29373)=0.99935857495608
r1= : 2.8425760464122E-12
rpunto1: = 7592643.2721552
rduepunti0 : = -2.4561233984089E+25
fil : = 487.95680148014
fipunto1 : = 1.5441214047636E+18
fi_gradi : = 27957.865309515
t1 : = 1.0808887504235E-14
tpunto1 : = 1.0011327505596
tduepunti0 : = -5.3159833768517E+15
v=v_elettrone : = 8773592.0521651
x0= : -1.5119607523985E-12
y0= : -2.4060652032051E-12
*****
i=29374
k(29374)=0.99967947927867
kQ(29374)=0.99935906129087
r1= : 2.8434665016941E-12
rpunto1: = 7589764.3178598
rduepunti0 : = -2.4547973836137E+25
fil : = 487.95698257268
fipunto1 : = 1.5431539927836E+18
fi_gradi : = 27957.875685353
t1 : = 1.0808887621646E-14
tpunto1 : = 1.0011321277357
tduepunti0 : = -5.3106320239249E+15
v=v_elettrone : = 8770408.6542188
x0= : -1.5119985567642E-12
y0= : -2.4070934639061E-12
*****
i=29375
k(29375)=0.99967972230058
kQ(29375)=0.99935954717897
r1= : 2.844356619336E-12
rpunto1: = 7586886.9168814
rduepunti0 : = -2.4534729170562E+25
fil : = 487.95716355176
fipunto1 : = 1.5421878561385E+18
fi_gradi : = 27957.886054691
t1 : = 1.0808887739058E-14
tpunto1 : = 1.0011315055383
tduepunti0 : = -5.3052886894772E+15
v=v_elettrone : = 8767227.3045056
x0= : -1.5120361320452E-12
y0= : -2.4081213594099E-12
*****
i=29376
k(29376)=0.99967996509932
kQ(29376)=0.99936003262098
r1= : 2.8452463995201E-12
rpunto1: = 7584011.0674073
rduepunti0 : = -2.4521499962179E+25
fil : = 487.95734441754
fipunto1 : = 1.5412229924606E+18
fi_gradi : = 27957.896417536
t1 : = 1.0808887856469E-14
tpunto1 : = 1.0011308839667
tduepunti0 : = -5.2999533570083E+15
v=v_elettrone : = 8764047.9997005
x0= : -1.5120734784509E-12
y0= : -2.4091488899041E-12
```



```
*****
i=29377
k(29377)=0.99968020767519
kQ(29377)=0.99936051761751
r1= : 2.8461358424283E-12
rpunto1 : = 7581136.7676276
rduepunti0 : = -2.4508286185859E+25
fil : = 487.95752517016
fipunto1 : = 1.5402593993877E+18
fi_gradi : = 27957.906773899
t1 : = 1.0808887973881E-14
tpunto1 : = 1.0011302630199
tduepunti0 : = -5.294626010061E+15
v=v_elettrone : = 8760870.7371535
x0= : -1.5121105961904E-12
y0= : -2.4101760555758E-12
*****
i=29378
k(29378)=0.99968045002849
kQ(29378)=0.99936100216916
r1= : 2.8470249482424E-12
rpunto1 : = 7578264.0157354
rduepunti0 : = -2.4495087816523E+25
fil : = 487.95770580977
fipunto1 : = 1.5392970745635E+18
fi_gradi : = 27957.917123786
t1 : = 1.0808888091292E-14
tpunto1 : = 1.0011296426969
tduepunti0 : = -5.2893066322205E+15
v=v_elettrone : = 8757695.514912
x0= : -1.5121474854724E-12
y0= : -2.4112028566121E-12
*****
i=29379
k(29379)=0.99968069215951
kQ(29379)=0.99936148627653
r1= : 2.8479137171438E-12
rpunto1 : = 7575392.8099268
rduepunti0 : = -2.4481904829146E+25
fil : = 487.95788633652
fipunto1 : = 1.5383360156371E+18
fi_gradi : = 27957.927467207
t1 : = 1.0808888208703E-14
tpunto1 : = 1.0011290229969
tduepunti0 : = -5.2839952071148E+15
v=v_elettrone : = 8754522.3296327
x0= : -1.5121841465055E-12
y0= : -2.4122292931999E-12
*****
i=29380
k(29380)=0.99968093406857
kQ(29380)=0.99936196994021
r1= : 2.8488021493141E-12
rpunto1 : = 7572523.1484007
rduepunti0 : = -2.4468737198757E+25
fil : = 487.95806675055
fipunto1 : = 1.5373762202636E+18
fi_gradi : = 27957.93780417
t1 : = 1.0808888326114E-14
tpunto1 : = 1.0011284039188
tduepunti0 : = -5.2786917184144E+15
v=v_elettrone : = 8751351.1793541
x0= : -1.512220579498E-12
y0= : -2.4132553655258E-12
```

```
*****
i=29381
k(29381)=0.99968117575596
kQ(29381)=0.99936245316082
r1= : 2.8496902449341E-12
rpunto1: = 7569655.0293589
rduepunto10 : = -2.4455584900433E+25
fil : = 487.95824705203
fipunto1 : = 1.5364176861036E+18
fi_gradi : = 27957.948134683
t1 : = 1.0808888443525E-14
tpunto1 : = 1.0011277854618
tduepunto10 : = -5.2733961498318E+15
v=v_elettrone : = 8748182.0614256
x0= : -1.5122567846575E-12
y0= : -2.4142810737761E-12
*****
i=29382
k(29382)=0.99968141722198
kQ(29382)=0.99936293593894
r1= : 2.850578004185E-12
rpunto1: = 7566788.4510062
rduepunto10 : = -2.4442447909309E+25
fil : = 487.95842724109
fipunto1 : = 1.5354604108234E+18
fi_gradi : = 27957.958458756
t1 : = 1.0808888560936E-14
tpunto1 : = 1.0011271676249
tduepunto10 : = -5.2681084851221E+15
v=v_elettrone : = 8745014.9738638
x0= : -1.5122927621919E-12
y0= : -2.4153064181372E-12
*****
i=29383
k(29383)=0.99968165846692
kQ(29383)=0.99936341827518
r1= : 2.8514654272472E-12
rpunto1: = 7563923.4115505
rduepunto10 : = -2.4429326200567E+25
fil : = 487.95860731788
fipunto1 : = 1.5345043920947E+18
fi_gradi : = 27957.968776396
t1 : = 1.0808888678347E-14
tpunto1 : = 1.0011265504072
tduepunto10 : = -5.262828708082E+15
v=v_elettrone : = 8741849.9126377
x0= : -1.5123285123081E-12
y0= : -2.4163313987951E-12
*****
i=29384
k(29384)=0.99968189949109
kQ(29384)=0.99936390017012
r1= : 2.8523525143014E-12
rpunto1: = 7561059.9092022
rduepunto10 : = -2.4416219749443E+25
fil : = 487.95878728255
fipunto1 : = 1.5335496275952E+18
fi_gradi : = 27957.979087612
t1 : = 1.0808888795758E-14
tpunto1 : = 1.0011259338079
tduepunto10 : = -5.2575568025503E+15
v=v_elettrone : = 8738686.8764506
x0= : -1.5123640352134E-12
y0= : -2.4173560159354E-12
```

```
*****
i=29385
k(29385)=0.99968214029479
kQ(29385)=0.99936438162437
r1= : 2.8532392655277E-12
rpunto1: = 7558197.9421748
rduerpunto10 : = -2.4403128531227E+25
fil : = 487.95896713524
fipunto1 : = 1.5325961150079E+18
fi_gradi : = 27957.989392412
t1 : = 1.0808888913169E-14
tpunto1 : = 1.0011253178258
tduerpunto10 : = -5.2522927524078E+15
v=v_elettrone : = 8735525.8626404
x0= : -1.5123993311144E-12
y0= : -2.4183802697438E-12
*****
i=29386
k(29386)=0.9996823808783
kQ(29386)=0.99936486263851
r1= : 2.8541256811063E-12
rpunto1: = 7555337.5086848
rduerpunto10 : = -2.4390052521256E+25
fil : = 487.95914687611
fipunto1 : = 1.5316438520214E+18
fi_gradi : = 27957.999690806
t1 : = 1.0808889030579E-14
tpunto1 : = 1.0011247024602
tduerpunto10 : = -5.2470365415765E+15
v=v_elettrone : = 8732366.86853
x0= : -1.5124344002174E-12
y0= : -2.4194041604057E-12
*****
i=29387
k(29387)=0.99968262124193
kQ(29387)=0.99936534321314
r1= : 2.855011761217E-12
rpunto1: = 7552478.6069515
rduerpunto10 : = -2.4376991694923E+25
fil : = 487.9593265053
fipunto1 : = 1.53069283633E+18
fi_gradi : = 27958.0099828
t1 : = 1.080888914799E-14
tpunto1 : = 1.0011240877102
tduerpunto10 : = -5.2417881540203E+15
v=v_elettrone : = 8729209.8914446
x0= : -1.5124692427285E-12
y0= : -2.4204276881061E-12
*****
i=29388
k(29388)=0.99968286138597
kQ(29388)=0.99936582334884
r1= : 2.8558975060395E-12
rpunto1: = 7549621.235197
rduerpunto10 : = -2.4363946027671E+25
fil : = 487.95950602296
fipunto1 : = 1.5297430656335E+18
fi_gradi : = 27958.020268404
t1 : = 1.08088892654E-14
tpunto1 : = 1.0011234735747
tduerpunto10 : = -5.2365475737444E+15
v=v_elettrone : = 8726054.9286907
x0= : -1.5125038588535E-12
y0= : -2.4214508530302E-12
```

```
*****
i=29389
k(29389)=0.99968310131072
kQ(29389)=0.99936630304622
r1= : 2.8567829157531E-12
rpunto1 : = 7546765.3916463
rduepunti0 : = -2.4350915494993E+25
fil : = 487.95968542923
fipunto1 : = 1.5287945376371E+18
fi_gradi : = 27958.030547626
t1 : = 1.0808889382811E-14
tpunto1 : = 1.0011228600529
tduepunti0 : = -5.231314784795E+15
v=v_elettrone : = 8722901.9783015
x0= : -1.512538248798E-12
y0= : -2.4224736553625E-12
*****
i=29390
k(29390)=0.99968334101647
kQ(29390)=0.99936678230585
r1= : 2.8576679905371E-12
rpunto1 : = 7543911.0745273
rduepunti0 : = -2.4337900072434E+25
fil : = 487.95986472425
fipunto1 : = 1.5278472500517E+18
fi_gradi : = 27958.040820474
t1 : = 1.0808889500221E-14
tpunto1 : = 1.001122247144
tduepunti0 : = -5.2260897712598E+15
v=v_elettrone : = 8719751.0375642
x0= : -1.512572412767E-12
y0= : -2.4234960952877E-12
*****
i=29391
k(29391)=0.99968358050352
kQ(29391)=0.99936726112833
r1= : 2.8585527305705E-12
rpunto1 : = 7541058.2820709
rduepunti0 : = -2.4324899735591E+25
fil : = 487.96004390818
fipunto1 : = 1.5269012005934E+18
fi_gradi : = 27958.051086957
t1 : = 1.0808889617631E-14
tpunto1 : = 1.0011216348469
tduepunti0 : = -5.2208725172672E+15
v=v_elettrone : = 8716602.1037988
x0= : -1.5126063509655E-12
y0= : -2.4245181729901E-12
*****
i=29392
k(29392)=0.99968381977215
kQ(29392)=0.99936773951424
r1= : 2.8594371360322E-12
rpunto1 : = 7538207.0125106
rduepunti0 : = -2.4311914460111E+25
fil : = 487.96022298116
fipunto1 : = 1.5259563869843E+18
fi_gradi : = 27958.061347083
t1 : = 1.0808889735042E-14
tpunto1 : = 1.0011210231607
tduepunti0 : = -5.2156630069868E+15
v=v_elettrone : = 8713455.1743105
x0= : -1.5126400635981E-12
y0= : -2.4255398886537E-12
```

```
*****
i=29393
k(29393)=0.99968405882267
kQ(29393)=0.99936821746417
r1= : 2.8603212071007E-12
rpunto1: = 7535357.264083
rduepunti0 : = -2.4298944221692E+25
fil : = 487.96040194333
fipunto1 : = 1.5250128069513E+18
fi_gradi : = 27958.07160086
t1 : = 1.0808889852452E-14
tpunto1 : = 1.0011204120846
tduepunti0 : = -5.2104612246286E+15
v=v_elettrone : = 8710310.2477885
x0= : -1.5126735508691E-12
y0= : -2.4265612424625E-12
*****
i=29394
k(29394)=0.99968429765537
kQ(29394)=0.9993686949787
r1= : 2.8612049439544E-12
rpunto1: = 7532509.0350273
rduepunti0 : = -2.4285988996083E+25
fil : = 487.96058079484
fipunto1 : = 1.5240704582273E+18
fi_gradi : = 27958.081848297
t1 : = 1.0808889969862E-14
tpunto1 : = 1.0011198016177
tduepunti0 : = -5.2052671544435E+15
v=v_elettrone : = 8707167.3201462
x0= : -1.5127068129824E-12
y0= : -2.4275822346002E-12
*****
i=29395
k(29395)=0.99968453627053
kQ(29395)=0.99936917205842
r1= : 2.8620883467715E-12
rpunto1: = 7529662.3235856
rduepunti0 : = -2.4273048759084E+25
fil : = 487.96075953583
fipunto1 : = 1.5231293385503E+18
fi_gradi : = 27958.092089401
t1 : = 1.0808890087272E-14
tpunto1 : = 1.001119191759
tduepunti0 : = -5.2000807807227E+15
v=v_elettrone : = 8704026.3900639
x0= : -1.5127398501418E-12
y0= : -2.4286028652503E-12
*****
i=29396
k(29396)=0.99968477466845
kQ(29396)=0.9993696487039
r1= : 2.8629714157301E-12
rpunto1: = 7526817.1280031
rduepunti0 : = -2.4260123486543E+25
fil : = 487.96093816645
fipunto1 : = 1.5221894456639E+18
fi_gradi : = 27958.102324182
t1 : = 1.0808890204682E-14
tpunto1 : = 1.0011185825077
tduepunti0 : = -5.1949020877979E+15
v=v_elettrone : = 8700887.454832
x0= : -1.5127726625508E-12
y0= : -2.4296231345961E-12
```

```
*****
i=29397
k(29397)=0.99968501284942
kQ(29397)=0.99937012491574
r1= : 2.8638541510078E-12
rpunto1: = 7523973.4465274
rduepunti0 : = -2.424721315436E+25
fil : = 487.96111668684
fipunto1 : = 1.521250777317E+18
fi_gradi : = 27958.112552647
t1 : = 1.0808890322092E-14
tpunto1 : = 1.0011179738628
tduepunti0 : = -5.189731060041E+15
v=v_elettrone : = 8697750.5110495
x0= : -1.5128052504123E-12
y0= : -2.4306430428207E-12
*****
i=29398
k(29398)=0.99968525081372
kQ(29398)=0.9993706006945
r1= : 2.8647365527823E-12
rpunto1: = 7521131.2774092
rduepunti0 : = -2.4234317738487E+25
fil : = 487.96129509714
fipunto1 : = 1.5203133312638E+18
fi_gradi : = 27958.122774804
t1 : = 1.0808890439502E-14
tpunto1 : = 1.0011173658235
tduepunti0 : = -5.184567681864E+15
v=v_elettrone : = 8694615.5580872
x0= : -1.5128376139293E-12
y0= : -2.4316625901069E-12
*****
i=29399
k(29399)=0.99968548856166
kQ(29399)=0.99937107604077
r1= : 2.8656186212309E-12
rpunto1: = 7518290.618902
rduepunti0 : = -2.4221437214923E+25
fil : = 487.9614733975
fipunto1 : = 1.5193771052641E+18
fi_gradi : = 27958.132990662
t1 : = 1.0808890556911E-14
tpunto1 : = 1.0011167583888
tduepunti0 : = -5.1794119377189E+15
v=v_elettrone : = 8691482.5918356
x0= : -1.5128697533042E-12
y0= : -2.4326817766375E-12
*****
i=29400
k(29400)=0.99968572609352
kQ(29400)=0.99937155095513
r1= : 2.8665003565307E-12
rpunto1: = 7515451.4692621
rduepunti0 : = -2.4208571559718E+25
fil : = 487.96165158806
fipunto1 : = 1.5184420970829E+18
fi_gradi : = 27958.143200229
t1 : = 1.0808890674321E-14
tpunto1 : = 1.0011161515579
tduepunti0 : = -5.1742638120976E+15
v=v_elettrone : = 8688351.6102542
x0= : -1.5129016687394E-12
y0= : -2.4337006025949E-12
```

```
*****
i=29401
k(29401)=0.99968596340959
kQ(29401)=0.99937202543815
r1= : 2.8673817588588E-12
rpunto1: = 7512613.8267484
rduepunti0 : = -2.4195720748972E+25
fil : = 487.96182966897
fipunto1 : = 1.5175083044906E+18
fi_gradi : = 27958.153403514
t1 : = 1.0808890791731E-14
tpunto1 : = 1.0011155453299
tduepunti0 : = -5.1691232895317E+15
v=v_elettrone : = 8685222.6113428
x0= : -1.5129333604367E-12
y0= : -2.4347190681613E-12
*****
i=29402
k(29402)=0.99968620051015
kQ(29402)=0.99937249949041
r1= : 2.8682628283919E-12
rpunto1: = 7509777.6896229
rduepunti0 : = -2.4182884758836E+25
fil : = 487.96200764036
fipunto1 : = 1.5165757252627E+18
fi_gradi : = 27958.163600523
t1 : = 1.080889090914E-14
tpunto1 : = 1.0011149397039
tduepunti0 : = -5.1639903545925E+15
v=v_elettrone : = 8682095.5916482
x0= : -1.5129648285979E-12
y0= : -2.4357371735189E-12
*****
i=29403
k(29403)=0.99968643739549
kQ(29403)=0.99937297311249
r1= : 2.8691435653066E-12
rpunto1: = 7506943.0561502
rduepunti0 : = -2.4170063565507E+25
fil : = 487.96218550238
fipunto1 : = 1.5156443571803E+18
fi_gradi : = 27958.173791266
t1 : = 1.080889102655E-14
tpunto1 : = 1.0011143346789
tduepunti0 : = -5.1588649918908E+15
v=v_elettrone : = 8678970.5498543
x0= : -1.5129960734244E-12
y0= : -2.4367549188495E-12
*****
i=29404
k(29404)=0.99968667406591
kQ(29404)=0.99937344630495
r1= : 2.8700239697791E-12
rpunto1: = 7504109.9245977
rduepunti0 : = -2.4157257145235E+25
fil : = 487.96236325517
fipunto1 : = 1.5147141980297E+18
fi_gradi : = 27958.183975751
t1 : = 1.0808891143959E-14
tpunto1 : = 1.0011137302542
tduepunti0 : = -5.1537471860766E+15
v=v_elettrone : = 8675847.4832127
x0= : -1.5130270951173E-12
y0= : -2.4377723043347E-12
```

```
*****
i=29405
k(29405)=0.99968691052168
kQ(29405)=0.99937391906838
r1= : 2.8709040419857E-12
rpunto1 : = 7501278.2932357
rduepunti0 : = -2.4144465474317E+25
fil : = 487.96254089887
fipunto1 : = 1.5137852456024E+18
fi_gradi : = 27958.194153985
t1 : = 1.0808891261368E-14
tpunto1 : = 1.0011131264288
tduepunti0 : = -5.1486369218394E+15
v=v_elettrone : = 8672726.3896878
x0= : -1.5130578938772E-12
y0= : -2.438789330156E-12
*****
i=29406
k(29406)=0.99968714676309
kQ(29406)=0.99937439140334
r1= : 2.8717837821023E-12
rpunto1 : = 7498448.1603371
rduepunti0 : = -2.4131688529101E+25
fil : = 487.96271843363
fipunto1 : = 1.5128574976952E+18
fi_gradi : = 27958.204325977
t1 : = 1.0808891378778E-14
tpunto1 : = 1.0011125232018
tduepunti0 : = -5.1435341839078E+15
v=v_elettrone : = 8669607.2658441
x0= : -1.5130884699047E-12
y0= : -2.4398059964947E-12
*****
i=29407
k(29407)=0.99968738279044
kQ(29407)=0.9993748633104
r1= : 2.8726631903045E-12
rpunto1 : = 7495619.5241778
rduepunti0 : = -2.4118926285982E+25
fil : = 487.96289585958
fipunto1 : = 1.5119309521101E+18
fi_gradi : = 27958.214491736
t1 : = 1.0808891496187E-14
tpunto1 : = 1.0011119205724
tduepunti0 : = -5.1384389570492E+15
v=v_elettrone : = 8666490.1096295
x0= : -1.5131188234E-12
y0= : -2.4408223035318E-12
*****
i=29408
k(29408)=0.999687618604
kQ(29408)=0.99937533479013
r1= : 2.873542266768E-12
rpunto1 : = 7492792.3830361
rduepunti0 : = -2.4106178721406E+25
fil : = 487.96307317686
fipunto1 : = 1.5110056066544E+18
fi_gradi : = 27958.224651268
t1 : = 1.0808891613596E-14
tpunto1 : = 1.0011113185397
tduepunti0 : = -5.1333512260702E+15
v=v_elettrone : = 8663374.9182993
x0= : -1.513148954563E-12
y0= : -2.4418382514482E-12
```



```
*****
i=29409
k(29409)=0.99968785420406
kQ(29409)=0.99937580584311
r1= : 2.8744210116681E-12
rpunto1: = 7489966.7351934
rduepunti0 : = -2.4093445811867E+25
fil : = 487.96325038563
fipunto1 : = 1.5100814591406E+18
fi_gradi : = 27958.234804582
t1 : = 1.0808891731005E-14
tpunto1 : = 1.0011107171028
tduepunti0 : = -5.1282709758159E+15
v=v_elettrone : = 8660261.6904976
x0= : -1.5131788635936E-12
y0= : -2.4428538404243E-12
*****
i=29410
k(29410)=0.9996880895909
kQ(29410)=0.9993762764699
r1= : 2.8752994251799E-12
rpunto1: = 7487142.5789338
rduepunti0 : = -2.4080727533906E+25
fil : = 487.96342748601
fipunto1 : = 1.5091585073863E+18
fi_gradi : = 27958.244951686
t1 : = 1.0808891848414E-14
tpunto1 : = 1.0011101162608
tduepunti0 : = -5.1231981911702E+15
v=v_elettrone : = 8657150.4234604
x0= : -1.5132085506909E-12
y0= : -2.4438690706409E-12
*****
i=29411
k(29411)=0.99968832476481
kQ(29411)=0.99937674667106
r1= : 2.8761775074784E-12
rpunto1: = 7484319.9125439
rduepunti0 : = -2.4068023864115E+25
fil : = 487.96360447815
fipunto1 : = 1.5082367492144E+18
fi_gradi : = 27958.255092589
t1 : = 1.0808891965823E-14
tpunto1 : = 1.0011095160128
tduepunti0 : = -5.1181328570557E+15
v=v_elettrone : = 8654041.1137538
x0= : -1.5132380160539E-12
y0= : -2.4448839422781E-12
*****
i=29412
k(29412)=0.99968855972606
kQ(29412)=0.99937721644717
r1= : 2.8770552587382E-12
rpunto1: = 7481498.7343134
rduepunti0 : = -2.4055334779134E+25
fil : = 487.96378136218
fipunto1 : = 1.5073161824529E+18
fi_gradi : = 27958.265227297
t1 : = 1.0808892083231E-14
tpunto1 : = 1.0011089163581
tduepunti0 : = -5.113074958433E+15
v=v_elettrone : = 8650933.7599977
x0= : -1.5132672598817E-12
y0= : -2.4458984555158E-12
```

```
*****
i=29413
k(29413)=0.99968879447495
kQ(29413)=0.99937768579878
r1= : 2.8779326791339E-12
rpunto1: = 7478679.0425344
rduepunti0 : = -2.404266025565E+25
fil : = 487.96395813825
fipunto1 : = 1.5063968049351E+18
fi_gradi : = 27958.27535582
t1 : = 1.080889220064E-14
tpunto1 : = 1.0011083172956
tduepunti0 : = -5.1080244803014E+15
v=v_elettrone : = 8647828.3594235
x0= : -1.5132962823726E-12
y0= : -2.446912610534E-12
*****
i=29414
k(29414)=0.99968902901175
kQ(29414)=0.99937815472646
r1= : 2.8788097688399E-12
rpunto1: = 7475860.8355019
rduepunti0 : = -2.40300002704E+25
fil : = 487.9641348065
fipunto1 : = 1.5054786144991E+18
fi_gradi : = 27958.285478165
t1 : = 1.0808892318049E-14
tpunto1 : = 1.0011077188247
tduepunti0 : = -5.1029814076982E+15
v=v_elettrone : = 8644724.9099807
x0= : -1.5133250837249E-12
y0= : -2.4479264075122E-12
*****
i=29415
k(29415)=0.99968926333675
kQ(29415)=0.99937862323078
r1= : 2.8796865280302E-12
rpunto1: = 7473044.1115136
rduepunti0 : = -2.4017354800166E+25
fil : = 487.96431136707
fipunto1 : = 1.5045616089884E+18
fi_gradi : = 27958.295594341
t1 : = 1.0808892435457E-14
tpunto1 : = 1.0011071209442
tduepunti0 : = -5.0979457256987E+15
v=v_elettrone : = 8641623.4088873
x0= : -1.5133536641365E-12
y0= : -2.44893984663E-12
*****
i=29416
k(29416)=0.99968949745022
kQ(29416)=0.99937909131228
r1= : 2.8805629568788E-12
rpunto1: = 7470228.86887
rduepunti0 : = -2.4004723821782E+25
fil : = 487.96448782009
fipunto1 : = 1.5036457862516E+18
fi_gradi : = 27958.305704354
t1 : = 1.0808892552866E-14
tpunto1 : = 1.0011065236535
tduepunti0 : = -5.0929174194164E+15
v=v_elettrone : = 8638523.8540695
x0= : -1.5133820238051E-12
y0= : -2.4499529280666E-12
```

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*****
i=29417
k(29417)=0.99968973135246
kQ(29417)=0.99937955897154
r1= : 2.8814390555594E-12
rpunto1: = 7467415.1058742
rduepunti0 : = -2.3992107312128E+25
fil : = 487.9646641657
fipunto1 : = 1.5027311441423E+18
fi_gradi : = 27958.315808213
t1 : = 1.0808892670274E-14
tpunto1 : = 1.0011059269517
tduepunti0 : = -5.0878964740023E+15
v=v_elettrone : = 8635426.2427527
x0= : -1.5134101629279E-12
y0= : -2.450965652001E-12
*****
i=29418
k(29418)=0.99968996504372
kQ(29418)=0.99938002620912
r1= : 2.8823148242456E-12
rpunto1: = 7464602.8208319
rduepunti0 : = -2.397950524813E+25
fil : = 487.96484040404
fipunto1 : = 1.5018176805191E+18
fi_gradi : = 27958.325905927
t1 : = 1.0808892787683E-14
tpunto1 : = 1.0011053308378
tduepunti0 : = -5.0828828746455E+15
v=v_elettrone : = 8632330.5728602
x0= : -1.5134380817022E-12
y0= : -2.4519780186121E-12
*****
i=29419
k(29419)=0.99969019852431
kQ(29419)=0.99938049302556
r1= : 2.8831902631107E-12
rpunto1: = 7461792.0120518
rduepunti0 : = -2.3966917606764E+25
fil : = 487.96501653526
fipunto1 : = 1.5009053932459E+18
fi_gradi : = 27958.335997502
t1 : = 1.0808892905091E-14
tpunto1 : = 1.0011047353111
tduepunti0 : = -5.0778766065723E+15
v=v_elettrone : = 8629236.8416036
x0= : -1.5134657803246E-12
y0= : -2.4529900280784E-12
*****
i=29420
k(29420)=0.99969043179448
kQ(29420)=0.99938095942144
r1= : 2.8840653723277E-12
rpunto1: = 7458982.6778451
rduepunti0 : = -2.3954344365054E+25
fil : = 487.96519255948
fipunto1 : = 1.4999942801915E+18
fi_gradi : = 27958.346082947
t1 : = 1.0808893022499E-14
tpunto1 : = 1.0011041403706
tduepunti0 : = -5.0728776550468E+15
v=v_elettrone : = 8626145.0468933
x0= : -1.513493258992E-12
y0= : -2.4540016805785E-12

```

```

*****
i=29421
k(29421)=0.99969066485453
kQ(29421)=0.9993814253973
r1= : 2.8849401520698E-12
rpunto1 : = 7456174.8165256
rduepunti0 : = -2.3941785500067E+25
fil : = 487.96536847685
fipunto1 : = 1.4990843392296E+18
fi_gradi : = 27958.35616227
t1 : = 1.0808893139908E-14
tpunto1 : = 1.0011035460156
tduepunti0 : = -5.0678860053703E+15
v=v_elettrone : = 8623055.1866496
x0= : -1.5135205179003E-12
y0= : -2.4550129762905E-12
*****
i=29422
k(29422)=0.99969089770474
kQ(29422)=0.9993818909537
r1= : 2.8858146025095E-12
rpunto1 : = 7453368.42641
rduepunti0 : = -2.3929240988923E+25
fil : = 487.9655442875
fipunto1 : = 1.4981755682392E+18
fi_gradi : = 27958.366235478
t1 : = 1.0808893257316E-14
tpunto1 : = 1.0011029522451
tduepunti0 : = -5.0629016428814E+15
v=v_elettrone : = 8619967.2580719
x0= : -1.5135475572457E-12
y0= : -2.4560239153925E-12
*****
i=29423
k(29423)=0.99969113034537
kQ(29423)=0.9993823560912
r1= : 2.8866887238195E-12
rpunto1 : = 7450563.5058176
rduepunti0 : = -2.3916710808785E+25
fil : = 487.96571999158
fipunto1 : = 1.4972679651041E+18
fi_gradi : = 27958.37630258
t1 : = 1.0808893374724E-14
tpunto1 : = 1.0011023590583
tduepunti0 : = -5.0579245529558E+15
v=v_elettrone : = 8616881.2590741
x0= : -1.5135743772238E-12
y0= : -2.4570344980624E-12
*****
i=29424
k(29424)=0.9996913627767
kQ(29424)=0.99938282081034
r1= : 2.887562516172E-12
rpunto1 : = 7447760.0530702
rduepunti0 : = -2.3904194936866E+25
fil : = 487.96589558921
fipunto1 : = 1.4963615277132E+18
fi_gradi : = 27958.386363583
t1 : = 1.0808893492132E-14
tpunto1 : = 1.0011017664544
tduepunti0 : = -5.0529547210064E+15
v=v_elettrone : = 8613797.1875476
x0= : -1.51360097803E-12
y0= : -2.4580447244778E-12

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```
*****
i=29425
k(29425)=0.99969159499902
kQ(29425)=0.99938328511169
r1= : 2.8884359797393E-12
rpunto1 : = 7444958.0664926
rduepunti0 : = -2.3891693350422E+25
fil : = 487.96607108053
fipunto1 : = 1.4954562539602E+18
fi_gradi : = 27958.396418495
t1 : = 1.080889360954E-14
tpunto1 : = 1.0011011744325
tduepunti0 : = -5.0479921324828E+15
v=v_elettrone : = 8610715.0407016
x0= : -1.5136273598595E-12
y0= : -2.4590545948162E-12
*****
i=29426
k(29426)=0.9996918270126
kQ(29426)=0.99938374899578
r1= : 2.8893091146933E-12
rpunto1 : = 7442157.544412
rduepunti0 : = -2.3879206026759E+25
fil : = 487.96624646569
fipunto1 : = 1.4945521417441E+18
fi_gradi : = 27958.406467324
t1 : = 1.0808893726948E-14
tpunto1 : = 1.0011005829917
tduepunti0 : = -5.0430367728716E+15
v=v_elettrone : = 8607634.8157256
x0= : -1.513653522907E-12
y0= : -2.4600641092549E-12
*****
i=29427
k(29427)=0.9996920588177
kQ(29427)=0.99938421246318
r1= : 2.8901819212056E-12
rpunto1 : = 7439358.4851583
rduepunti0 : = -2.3866732943229E+25
fil : = 487.96642174481
fipunto1 : = 1.4936491889684E+18
fi_gradi : = 27958.416510078
t1 : = 1.0808893844355E-14
tpunto1 : = 1.0010999921313
tduepunti0 : = -5.0380886276958E+15
v=v_elettrone : = 8604556.5112056
x0= : -1.5136794673673E-12
y0= : -2.4610732679708E-12
*****
i=29428
k(29428)=0.99969229041462
kQ(29428)=0.99938467551443
r1= : 2.891054399448E-12
rpunto1 : = 7436560.8870641
rduepunti0 : = -2.385427407723E+25
fil : = 487.96659691804
fipunto1 : = 1.492747393542E+18
fi_gradi : = 27958.426546765
t1 : = 1.0808893961763E-14
tpunto1 : = 1.0010994018503
tduepunti0 : = -5.0331476825153E+15
v=v_elettrone : = 8601480.1243457
x0= : -1.5137051934346E-12
y0= : -2.4620820711408E-12
```

```
*****
i=29429
k(29429)=0.99969252180362
kQ(29429)=0.99938513815008
r1= : 2.8919265495917E-12
rpunto1: = 7433764.7484648
rduepunti0 : = -2.3841829406207E+25
fil : = 487.9667719855
fipunto1 : = 1.4918467533782E+18
fi_gradi : = 27958.436577392
t1 : = 1.0808894079171E-14
tpunto1 : = 1.0010988121479
tduepunti0 : = -5.0282139229264E+15
v=v_elettrone : = 8598405.6530201
x0= : -1.513730701303E-12
y0= : -2.4630905189417E-12
*****
i=29430
k(29430)=0.99969275298497
kQ(29430)=0.99938560037067
r1= : 2.892798371808E-12
rpunto1: = 7430970.067698
rduepunti0 : = -2.3829398907651E+25
fil : = 487.96694694734
fipunto1 : = 1.4909472663958E+18
fi_gradi : = 27958.446601967
t1 : = 1.0808894196578E-14
tpunto1 : = 1.0010982230233
tduepunti0 : = -5.0232873345615E+15
v=v_elettrone : = 8595333.0951327
x0= : -1.5137559911662E-12
y0= : -2.4640986115499E-12
*****
i=29431
k(29431)=0.99969298395896
kQ(29431)=0.99938606217676
r1= : 2.8936698662677E-12
rpunto1: = 7428176.8431043
rduepunti0 : = -2.3816982559098E+25
fil : = 487.96712180368
fipunto1 : = 1.4900489305179E+18
fi_gradi : = 27958.456620497
t1 : = 1.0808894313986E-14
tpunto1 : = 1.0010976344757
tduepunti0 : = -5.0183679030895E+15
v=v_elettrone : = 8592262.4478374
x0= : -1.5137810632176E-12
y0= : -2.4651063491417E-12
*****
i=29432
k(29432)=0.99969321472584
kQ(29432)=0.99938652356889
r1= : 2.8945410331417E-12
rpunto1: = 7425385.073027
rduepunti0 : = -2.3804580338133E+25
fil : = 487.96729655468
fipunto1 : = 1.4891517436729E+18
fi_gradi : = 27958.466632992
t1 : = 1.0808894431393E-14
tpunto1 : = 1.0010970465042
tduepunti0 : = -5.0134556142154E+15
v=v_elettrone : = 8589193.7083274
x0= : -1.5138059176505E-12
y0= : -2.4661137318931E-12
```

```
*****
i=29433
k(29433)=0.9996934452859
kQ(29433)=0.9993869845476
r1= : 2.8954118726005E-12
rpunto1 : = 7422594.7558116
rduepunti0 : = -2.3792192222384E+25
fil : = 487.96747120045
fipunto1 : = 1.4882557037939E+18
fi_gradi : = 27958.476639457
t1 : = 1.08088945488E-14
tpunto1 : = 1.0010964591079
tduepunti0 : = -5.0085504536802E+15
v=v_elettrone : = 8586126.8758858
x0= : -1.5138305546579E-12
y0= : -2.4671207599801E-12
*****
i=29434
k(29434)=0.99969367563941
kQ(29434)=0.99938744511344
r1= : 2.8962823848146E-12
rpunto1 : = 7419805.8898067
rduepunti0 : = -2.3779818189527E+25
fil : = 487.96764574113
fipunto1 : = 1.4873608088187E+18
fi_gradi : = 27958.486639902
t1 : = 1.0808894666208E-14
tpunto1 : = 1.0010958722861
tduepunti0 : = -5.0036524072607E+15
v=v_elettrone : = 8583061.9462602
x0= : -1.5138549744324E-12
y0= : -2.4681274335784E-12
*****
i=29435
k(29435)=0.99969390578664
kQ(29435)=0.99938790526694
r1= : 2.8971525699542E-12
rpunto1 : = 7417018.4733632
rduepunti0 : = -2.3767458217281E+25
fil : = 487.96782017686
fipunto1 : = 1.4864670566903E+18
fi_gradi : = 27958.496634333
t1 : = 1.0808894783615E-14
tpunto1 : = 1.0010952860379
tduepunti0 : = -4.9987614607698E+15
v=v_elettrone : = 8579998.918738
x0= : -1.5138791771665E-12
y0= : -2.4691337528634E-12
*****
i=29436
k(29436)=0.99969413572785
kQ(29436)=0.99938836500866
r1= : 2.8980224281891E-12
rpunto1 : = 7414232.5048346
rduepunti0 : = -2.3755112283415E+25
fil : = 487.96799450778
fipunto1 : = 1.4855744453562E+18
fi_gradi : = 27958.506622759
t1 : = 1.0808894901022E-14
tpunto1 : = 1.0010947003625
tduepunti0 : = -4.9938776000557E+15
v=v_elettrone : = 8576937.790496
x0= : -1.5139031630522E-12
y0= : -2.4701397180104E-12
```

```
*****
i=29437
k(29437)=0.99969436546333
kQ(29437)=0.99938882433912
r1= : 2.8988919596894E-12
rpunto1 : = 7411447.9825773
rduepunti0 : = -2.3742780365739E+25
fil : = 487.96816873401
fipunto1 : = 1.4846829727689E+18
fi_gradi : = 27958.516605186
t1 : = 1.0808895018429E-14
tpunto1 : = 1.001094115259
tduepunti0 : = -4.9890008110025E+15
v=v_elettrone : = 8573878.5586671
x0= : -1.5139269322814E-12
y0= : -2.4711453291946E-12
*****
i=29438
k(29438)=0.99969459499333
kQ(29438)=0.99938928325888
r1= : 2.8997611646244E-12
rpunto1 : = 7408664.9049499
rduepunti0 : = -2.3730462442111E+25
fil : = 487.96834285569
fipunto1 : = 1.4837926368854E+18
fi_gradi : = 27958.526581624
t1 : = 1.0808895135836E-14
tpunto1 : = 1.0010935307266
tduepunti0 : = -4.9841310795296E+15
v=v_elettrone : = 8570821.2218414
x0= : -1.5139504850457E-12
y0= : -2.4721505865908E-12
*****
i=29439
k(29439)=0.99969482431813
kQ(29439)=0.99938974176846
r1= : 2.9006300431638E-12
rpunto1 : = 7405883.2703139
rduepunti0 : = -2.3718158490434E+25
fil : = 487.96851687295
fipunto1 : = 1.4829034356679E+18
fi_gradi : = 27958.536552078
t1 : = 1.0808895253243E-14
tpunto1 : = 1.0010929467645
tduepunti0 : = -4.979268391592E+15
v=v_elettrone : = 8567765.7778647
x0= : -1.5139738215364E-12
y0= : -2.4731554903739E-12
*****
i=29440
k(29440)=0.999695053438
kQ(29440)=0.99939019986841
r1= : 2.9014985954767E-12
rpunto1 : = 7403103.0770333
rduepunti0 : = -2.3705868488655E+25
fil : = 487.96869078593
fipunto1 : = 1.482015367083E+18
fi_gradi : = 27958.546516558
t1 : = 1.080889537065E-14
tpunto1 : = 1.0010923633719
tduepunti0 : = -4.9744127331797E+15
v=v_elettrone : = 8564712.2231901
x0= : -1.5139969419444E-12
y0= : -2.4741600407184E-12
```



```
*****
i=29441
k(29441)=0.99969528235321
kQ(29441)=0.99939065755926
r1= : 2.9023668217322E-12
rpunto1 : = 7400324.3234745
rduepunti0 : = -2.3693592414767E+25
fil : = 487.96886459475
fipunto1 : = 1.4811284291022E+18
fi_gradi : = 27958.55647507
t1 : = 1.0808895488057E-14
tpunto1 : = 1.0010917805479
tduepunti0 : = -4.9695640903179E+15
v=v_elettrone : = 8561660.5563726
x0= : -1.5140198464606E-12
y0= : -2.4751642377985E-12
*****
i=29442
k(29442)=0.99969551106402
kQ(29442)=0.99939111484155
r1= : 2.9032347220991E-12
rpunto1 : = 7397547.0080068
rduepunti0 : = -2.3681330246808E+25
fil : = 487.96903829956
fipunto1 : = 1.4802426197018E+18
fi_gradi : = 27958.566427622
t1 : = 1.0808895605464E-14
tpunto1 : = 1.0010911982917
tduepunti0 : = -4.9647224490671E+15
v=v_elettrone : = 8558610.7745566
x0= : -1.5140425352756E-12
y0= : -2.4761680817885E-12
*****
i=29443
k(29443)=0.9996957395707
kQ(29443)=0.99939157171581
r1= : 2.9041022967461E-12
rpunto1 : = 7394771.1290019
rduepunti0 : = -2.3669081962861E+25
fil : = 487.96921190048
fipunto1 : = 1.4793579368628E+18
fi_gradi : = 27958.576374222
t1 : = 1.080889572287E-14
tpunto1 : = 1.0010906166026
tduepunti0 : = -4.9598877955224E+15
v=v_elettrone : = 8555562.877005
x0= : -1.5140650085795E-12
y0= : -2.4771715728623E-12
*****
i=29444
k(29444)=0.99969596787352
kQ(29444)=0.99939202818258
r1= : 2.9049695458416E-12
rpunto1 : = 7391996.6848339
rduepunti0 : = -2.3656847541053E+25
fil : = 487.96938539764
fipunto1 : = 1.4784743785707E+18
fi_gradi : = 27958.586314878
t1 : = 1.0808895840277E-14
tpunto1 : = 1.0010900354796
tduepunti0 : = -4.955060115814E+15
v=v_elettrone : = 8552516.8594423
x0= : -1.5140872665623E-12
y0= : -2.4781747111937E-12
```

```
*****
i=29445
k(29445)=0.99969619597275
kQ(29445)=0.99939248424238
r1= : 2.9058364695539E-12
rpunto1: = 7389223.6738798
rduepunti0 : = -2.3644626959555E+25
fil : = 487.96955879119
fipunto1 : = 1.477591942816E+18
fi_gradi : = 27958.596249596
t1 : = 1.0808895957683E-14
tpunto1 : = 1.001089454922
tduepunti0 : = -4.9502393961067E+15
v=v_elettrone : = 8549472.721125
x0= : -1.5141093094137E-12
y0= : -2.4791774969561E-12
*****
i=29446
k(29446)=0.99969642386865
kQ(29446)=0.99939293989576
r1= : 2.9067030680511E-12
rpunto1: = 7386452.0945188
rduepunti0 : = -2.3632420196586E+25
fil : = 487.96973208124
fipunto1 : = 1.4767106275936E+18
fi_gradi : = 27958.606178385
t1 : = 1.080889607509E-14
tpunto1 : = 1.0010888749289
tduepunti0 : = -4.9454256226E+15
v=v_elettrone : = 8546430.4584698
x0= : -1.5141311373231E-12
y0= : -2.4801799303232E-12
*****
i=29447
k(29447)=0.99969665156148
kQ(29447)=0.99939339514323
r1= : 2.9075693415011E-12
rpunto1: = 7383681.9451331
rduepunti0 : = -2.3620227230404E+25
fil : = 487.96990526793
fipunto1 : = 1.4758304309034E+18
fi_gradi : = 27958.616101251
t1 : = 1.0808896192496E-14
tpunto1 : = 1.0010882954996
tduepunti0 : = -4.9406187815278E+15
v=v_elettrone : = 8543390.0707482
x0= : -1.5141527504798E-12
y0= : -2.4811820114679E-12
*****
i=29448
k(29448)=0.99969687905152
kQ(29448)=0.99939384998534
r1= : 2.9084352900716E-12
rpunto1: = 7380913.2241069
rduepunti0 : = -2.3608048039317E+25
fil : = 487.9700783514
fipunto1 : = 1.4749513507496E+18
fi_gradi : = 27958.626018203
t1 : = 1.0808896309903E-14
tpunto1 : = 1.0010877166332
tduepunti0 : = -4.9358188591587E+15
v=v_elettrone : = 8540351.5543557
x0= : -1.5141741490726E-12
y0= : -2.4821837405634E-12
```

```
*****
i=29449
k(29449)=0.99969710633902
kQ(29449)=0.99939430442261
r1= : 2.9093009139301E-12
rpunto1: = 7378145.9298274
rduepunti0 : = -2.3595882601672E+25
fil : = 487.97025133176
fipunto1 : = 1.4740733851413E+18
fi_gradi : = 27958.635929248
t1 : = 1.0808896427309E-14
tpunto1 : = 1.001087138329
tduepunti0 : = -4.9310258417952E+15
v=v_elettrone : = 8537314.9078468
x0= : -1.5141953332901E-12
y0= : -2.4831851177824E-12
*****
i=29450
k(29450)=0.99969733342425
kQ(29450)=0.99939475845557
r1= : 2.910166213244E-12
rpunto1: = 7375380.060684
rduepunti0 : = -2.3583730895863E+25
fil : = 487.97042420916
fipunto1 : = 1.473196532092E+18
fi_gradi : = 27958.645834394
t1 : = 1.0808896544715E-14
tpunto1 : = 1.001086560586
tduepunti0 : = -4.9262397157744E+15
v=v_elettrone : = 8534280.1283343
x0= : -1.5142163033208E-12
y0= : -2.4841861432976E-12
*****
i=29451
k(29451)=0.99969756030748
kQ(29451)=0.99939521208474
r1= : 2.9110311881803E-12
rpunto1: = 7372615.6150689
rduepunti0 : = -2.3571592900328E+25
fil : = 487.97059698373
fipunto1 : = 1.4723207896202E+18
fi_gradi : = 27958.655733647
t1 : = 1.0808896662121E-14
tpunto1 : = 1.0010859834035
tduepunti0 : = -4.9214604674674E+15
v=v_elettrone : = 8531247.2143594
x0= : -1.5142370593528E-12
y0= : -2.4851868172814E-12
*****
i=29452
k(29452)=0.99969778698897
kQ(29452)=0.99939566531065
r1= : 2.9118958389061E-12
rpunto1: = 7369852.5913767
rduepunti0 : = -2.3559468593548E+25
fil : = 487.97076965559
fipunto1 : = 1.4714461557485E+18
fi_gradi : = 27958.665627016
t1 : = 1.0808896779527E-14
tpunto1 : = 1.0010854067808
tduepunti0 : = -4.9166880832791E+15
v=v_elettrone : = 8528216.1630248
x0= : -1.5142576015738E-12
y0= : -2.486187139906E-12
```

```
*****
i=29453
k(29453)=0.99969801346898
kQ(29453)=0.99939611813382
r1= : 2.912760165588E-12
rpunto1: = 7367090.9880044
rduepunti0 : = -2.3547357954048E+25
fil : = 487.97094222487
fipunto1 : = 1.4705726285045E+18
fi_gradi : = 27958.675514507
t1 : = 1.0808896896933E-14
tpunto1 : = 1.0010848307169
tduepunti0 : = -4.9119225496485E+15
v=v_elettrone : = 8525186.9721701
x0= : -1.5142779301716E-12
y0= : -2.4871871113436E-12
*****
i=29454
k(29454)=0.99969823974777
kQ(29454)=0.99939657055479
r1= : 2.9136241683928E-12
rpunto1: = 7364330.8033518
rduepunti0 : = -2.3535260960396E+25
fil : = 487.97111469171
fipunto1 : = 1.4697002059202E+18
fi_gradi : = 27958.685396129
t1 : = 1.0808897014339E-14
tpunto1 : = 1.0010842552112
tduepunti0 : = -4.9071638530484E+15
v=v_elettrone : = 8522159.6402947
x0= : -1.5142980453334E-12
y0= : -2.4881867317659E-12
*****
i=29455
k(29455)=0.9996984658256
kQ(29455)=0.99939702257407
r1= : 2.9144878474866E-12
rpunto1: = 7361572.0358209
rduepunti0 : = -2.3523177591205E+25
fil : = 487.97128705623
fipunto1 : = 1.4688288860321E+18
fi_gradi : = 27958.695271889
t1 : = 1.0808897131745E-14
tpunto1 : = 1.0010836802627
tduepunti0 : = -4.9024119799853E+15
v=v_elettrone : = 8519134.164523
x0= : -1.5143179472462E-12
y0= : -2.4891860013447E-12
*****
i=29456
k(29456)=0.99969869170274
kQ(29456)=0.99939747419218
r1= : 2.9153512030359E-12
rpunto1: = 7358814.6838163
rduepunti0 : = -2.351110782513E+25
fil : = 487.97145931856
fipunto1 : = 1.4679586668815E+18
fi_gradi : = 27958.705141793
t1 : = 1.0808897249151E-14
tpunto1 : = 1.0010831058707
tduepunti0 : = -4.8976669169992E+15
v=v_elettrone : = 8516110.5419525
x0= : -1.5143376360969E-12
y0= : -2.4901849202515E-12
```

```

*****
i=29457
k(29457)=0.99969891737945
kQ(29457)=0.99939792540965
r1= : 2.9162142352065E-12
rpunto1: = 7356058.7457454
rduepunti0 : = -2.349905164087E+25
fil : = 487.97163147883
fipunto1 : = 1.4670895465139E+18
fi_gradi : = 27958.71500585
t1 : = 1.0808897366556E-14
tpunto1 : = 1.0010825320344
tduepunti0 : = -4.8929286506637E+15
v=v_elettrone : = 8513088.7718119
x0= : -1.514357112072E-12
y0= : -2.4911834886575E-12
*****
i=29458
k(29458)=0.99969914285599
kQ(29458)=0.999398376227
r1= : 2.9170769441642E-12
rpunto1: = 7353304.2200176
rduepunti0 : = -2.3487009017167E+25
fil : = 487.97180353718
fipunto1 : = 1.4662215229796E+18
fi_gradi : = 27958.724864067
t1 : = 1.0808897483962E-14
tpunto1 : = 1.0010819587531
tduepunti0 : = -4.8881971675858E+15
v=v_elettrone : = 8510068.8511988
x0= : -1.5143763753578E-12
y0= : -2.4921817067338E-12
*****
i=29459
k(29459)=0.99969936813261
kQ(29459)=0.99939882664474
r1= : 2.9179393300748E-12
rpunto1: = 7350551.1050451
rduepunti0 : = -2.3474979932807E+25
fil : = 487.97197549372
fipunto1 : = 1.4653545943332E+18
fi_gradi : = 27958.734716452
t1 : = 1.0808897601368E-14
tpunto1 : = 1.0010813860258
tduepunti0 : = -4.8834724544056E+15
v=v_elettrone : = 8507050.7779157
x0= : -1.5143954261403E-12
y0= : -2.4931795746516E-12
*****
i=29460
k(29460)=0.99969959320958
kQ(29460)=0.9993992766634
r1= : 2.9188013931037E-12
rpunto1: = 7347799.3992424
rduepunti0 : = -2.3462964366617E+25
fil : = 487.97214734859
fipunto1 : = 1.4644887586341E+18
fi_gradi : = 27958.74456301
t1 : = 1.0808897718773E-14
tpunto1 : = 1.0010808138518
tduepunti0 : = -4.8787544977967E+15
v=v_elettrone : = 8504034.5490489
x0= : -1.5144142646053E-12
y0= : -2.4941770925814E-12

```

```
*****
i=29461
k(29461)=0.99969981808715
kQ(29461)=0.99939972628349
r1= : 2.9196631334161E-12
rpunto1 : = 7345049.1010268
rduepunti0 : = -2.3450962297469E+25
fil : = 487.97231910192
fipunto1 : = 1.4636240139458E+18
fi_gradi : = 27958.754403751
t1 : = 1.0808897836179E-14
tpunto1 : = 1.0010802422304
tduepunti0 : = -4.8740432844656E+15
v=v_elettrone : = 8501020.1638255
x0= : -1.5144328909383E-12
y0= : -2.4951742606937E-12
*****
i=29462
k(29462)=0.99970004276559
kQ(29462)=0.99940017550553
r1= : 2.9205245511771E-12
rpunto1 : = 7342300.2088178
rduepunti0 : = -2.3438973704276E+25
fil : = 487.97249075383
fipunto1 : = 1.4627603583366E+18
fi_gradi : = 27958.764238681
t1 : = 1.0808897953584E-14
tpunto1 : = 1.0010796711607
tduepunti0 : = -4.8693388011519E+15
v=v_elettrone : = 8498007.6193217
x0= : -1.5144513053245E-12
y0= : -2.4961710791591E-12
*****
i=29463
k(29463)=0.99970026724515
kQ(29463)=0.99940062433003
r1= : 2.9213856465517E-12
rpunto1 : = 7339552.7210373
rduepunti0 : = -2.3426998565995E+25
fil : = 487.97266230446
fipunto1 : = 1.4618977898791E+18
fi_gradi : = 27958.774067808
t1 : = 1.0808898070989E-14
tpunto1 : = 1.001079100642
tduepunti0 : = -4.864641034628E+15
v=v_elettrone : = 8494996.9126282
x0= : -1.5144695079488E-12
y0= : -2.4971675481476E-12
*****
i=29464
k(29464)=0.9997004915261
kQ(29464)=0.99940107275752
r1= : 2.9222464197044E-12
rpunto1 : = 7336806.6361098
rduepunti0 : = -2.3415036861626E+25
fil : = 487.97283375392
fipunto1 : = 1.4610363066504E+18
fi_gradi : = 27958.783891139
t1 : = 1.0808898188395E-14
tpunto1 : = 1.0010785306734
tduepunti0 : = -4.8599499716991E+15
v=v_elettrone : = 8491988.0429544
x0= : -1.5144874989961E-12
y0= : -2.4981636678293E-12
```

```
*****
i=29465
k(29465)=0.99970071560867
kQ(29465)=0.99940152078849
r1= : 2.9231068707999E-12
rpunto1 : = 7334061.9524624
rduepunti0 : = -2.3403088570208E+25
fil : = 487.97300510235
fipunto1 : = 1.4601759067319E+18
fi_gradi : = 27958.79370868
t1 : = 1.08088983058E-14
tpunto1 : = 1.0010779612542
tduepunti0 : = -4.8552655992032E+15
v=v_elettrone : = 8488981.0073739
x0= : -1.5145052786508E-12
y0= : -2.499159438374E-12
*****
i=29466
k(29466)=0.99970093949315
kQ(29466)=0.99940196842348
r1= : 2.9239670000025E-12
rpunto1 : = 7331318.6685243
rduepunti0 : = -2.3391153670828E+25
fil : = 487.97317634987
fipunto1 : = 1.4593165882096E+18
fi_gradi : = 27958.803520441
t1 : = 1.0808898423205E-14
tpunto1 : = 1.0010773923836
tduepunti0 : = -4.8505879040109E+15
v=v_elettrone : = 8485975.8029573
x0= : -1.5145228470971E-12
y0= : -2.5001548599514E-12
*****
i=29467
k(29467)=0.99970116317977
kQ(29467)=0.99940241566298
r1= : 2.9248268074764E-12
rpunto1 : = 7328576.7827275
rduepunti0 : = -2.3379232142611E+25
fil : = 487.97334749661
fipunto1 : = 1.4584583491739E+18
fi_gradi : = 27958.813326427
t1 : = 1.080889854061E-14
tpunto1 : = 1.0010768240608
tduepunti0 : = -4.8459168730252E+15
v=v_elettrone : = 8482972.4289172
x0= : -1.5145402045191E-12
y0= : -2.5011499327308E-12
*****
i=29468
k(29468)=0.9997013866688
kQ(29468)=0.99940286250751
r1= : 2.9256862933854E-12
rpunto1 : = 7325836.2935063
rduepunti0 : = -2.3367323964724E+25
fil : = 487.9735185427
fipunto1 : = 1.4576011877195E+18
fi_gradi : = 27958.823126646
t1 : = 1.0808898658015E-14
tpunto1 : = 1.001076256285
tduepunti0 : = -4.8412524931815E+15
v=v_elettrone : = 8479970.8823173
x0= : -1.5145573511003E-12
y0= : -2.5021446568815E-12
```

```
*****
i=29469
k(29469)=0.99970160996049
kQ(29469)=0.99940330895759
r1= : 2.9265454578935E-12
rpunto1 : = 7323097.1992973
rduepunti0 : = -2.335542911638E+25
fil : = 487.97368948827
fipunto1 : = 1.4567451019456E+18
fi_gradi : = 27958.832921105
t1 : = 1.080889877542E-14
tpunto1 : = 1.0010756890555
tduepunti0 : = -4.8365947514478E+15
v=v_elettrone : = 8476971.160935
x0= : -1.5145742870242E-12
y0= : -2.5031390325726E-12
*****
i=29470
k(29470)=0.99970183305509
kQ(29470)=0.99940375501371
r1= : 2.9274043011642E-12
rpunto1 : = 7320359.4985398
rduepunti0 : = -2.3343547576829E+25
fil : = 487.97386033343
fipunto1 : = 1.4558900899556E+18
fi_gradi : = 27958.842709812
t1 : = 1.0808898892825E-14
tpunto1 : = 1.0010751223715
tduepunti0 : = -4.8319436348239E+15
v=v_elettrone : = 8473973.2632559
x0= : -1.5145910124742E-12
y0= : -2.504133059973E-12
*****
i=29471
k(29471)=0.99970205595287
kQ(29471)=0.99940420067639
r1= : 2.9282628233609E-12
rpunto1 : = 7317623.1896753
rduepunti0 : = -2.3331679325367E+25
fil : = 487.97403107832
fipunto1 : = 1.4550361498574E+18
fi_gradi : = 27958.852492773
t1 : = 1.0808899010229E-14
tpunto1 : = 1.0010745562321
tduepunti0 : = -4.827299130342E+15
v=v_elettrone : = 8470977.1863408
x0= : -1.5146075276329E-12
y0= : -2.5051267392514E-12
*****
i=29472
k(29472)=0.99970227865407
kQ(29472)=0.99940464594613
r1= : 2.9291210246469E-12
rpunto1 : = 7314888.2711478
rduepunti0 : = -2.3319824341329E+25
fil : = 487.97420172305
fipunto1 : = 1.4541832797632E+18
fi_gradi : = 27958.862269996
t1 : = 1.0808899127634E-14
tpunto1 : = 1.0010739906367
tduepunti0 : = -4.8226612250662E+15
v=v_elettrone : = 8467982.9286683
x0= : -1.5146238326832E-12
y0= : -2.5061200705763E-12
```



```
*****
i=29473
k(29473)=0.99970250115895
kQ(29473)=0.99940509082345
r1= : 2.9299789051852E-12
rpunto1: = 7312154.7414038
rduepunti0 : = -2.3307982604093E+25
fil : = 487.97437226777
fipunto1 : = 1.4533314777896E+18
fi_gradi : = 27958.872041489
t1 : = 1.0808899245039E-14
tpunto1 : = 1.0010734255845
tduepunti0 : = -4.8180299060927E+15
v=v_elettrone : = 8464990.4872915
x0= : -1.5146399278075E-12
y0= : -2.5071130541162E-12
*****
i=29474
k(29474)=0.99970272346776
kQ(29474)=0.99940553530885
r1= : 2.9308364651387E-12
rpunto1: = 7309422.5988921
rduepunti0 : = -2.3296154093078E+25
fil : = 487.97454271259
fipunto1 : = 1.4524807420575E+18
fi_gradi : = 27958.881807257
t1 : = 1.0808899362443E-14
tpunto1 : = 1.0010728610746
tduepunti0 : = -4.8134051605493E+15
v=v_elettrone : = 8461999.8606926
x0= : -1.5146558131879E-12
y0= : -2.508105690039E-12
*****
i=29475
k(29475)=0.99970294558075
kQ(29475)=0.99940597940283
r1= : 2.9316937046701E-12
rpunto1: = 7306691.842064
rduepunti0 : = -2.3284338787745E+25
fil : = 487.97471305763
fipunto1 : = 1.451631070692E+18
fi_gradi : = 27958.89156731
t1 : = 1.0808899479848E-14
tpunto1 : = 1.0010722971064
tduepunti0 : = -4.8087869755956E+15
v=v_elettrone : = 8459011.0459169
x0= : -1.5146714890065E-12
y0= : -2.5090979785129E-12
*****
i=29476
k(29476)=0.99970316749818
kQ(29476)=0.99940642310589
r1= : 2.9325506239419E-12
rpunto1: = 7303962.4693731
rduepunti0 : = -2.3272536667595E+25
fil : = 487.97488330302
fipunto1 : = 1.4507824618226E+18
fi_gradi : = 27958.901321652
t1 : = 1.0808899597252E-14
tpunto1 : = 1.0010717336789
tduepunti0 : = -4.804175338423E+15
v=v_elettrone : = 8456024.0421405
x0= : -1.5146869554449E-12
y0= : -2.5100899197055E-12
```

```
*****
i=29477
k(29477)=0.99970338922029
kQ(29477)=0.99940686641854
r1= : 2.9334072231165E-12
rpunto1: = 7301234.4792755
rduepunti0 : = -2.3260747712172E+25
fil : = 487.9750534489
fipunto1 : = 1.4499349135831E+18
fi_gradi : = 27958.911070293
t1 : = 1.0808899714657E-14
tpunto1 : = 1.0010711707916
tduepunti0 : = -4.7995702362543E+15
v=v_elettrone : = 8453038.8464223
x0= : -1.5147022126846E-12
y0= : -2.5110815137845E-12
*****
i=29478
k(29478)=0.99970361074735
kQ(29478)=0.99940730934129
r1= : 2.9342635023559E-12
rpunto1: = 7298507.8702296
rduepunti0 : = -2.3248971901061E+25
fil : = 487.97522349537
fipunto1 : = 1.4490884241116E+18
fi_gradi : = 27958.920813238
t1 : = 1.0808899832061E-14
tpunto1 : = 1.0010706084436
tduepunti0 : = -4.7949716563437E+15
v=v_elettrone : = 8450055.4564955
x0= : -1.5147172609066E-12
y0= : -2.5120727609174E-12
*****
i=29479
k(29479)=0.9997038320796
kQ(29479)=0.99940775187463
r1= : 2.9351194618222E-12
rpunto1: = 7295782.6406964
rduepunti0 : = -2.3237209213887E+25
fil : = 487.97539344256
fipunto1 : = 1.4482429915504E+18
fi_gradi : = 27958.930550495
t1 : = 1.0808899949465E-14
tpunto1 : = 1.0010700466342
tduepunti0 : = -4.790379585977E+15
v=v_elettrone : = 8447073.8708443
x0= : -1.514732100292E-12
y0= : -2.5130636612714E-12
*****
i=29480
k(29480)=0.99970405321728
kQ(29480)=0.99940819401906
r1= : 2.9359751016771E-12
rpunto1: = 7293058.7891389
rduepunti0 : = -2.3225459630315E+25
fil : = 487.97556329061
fipunto1 : = 1.4473986140459E+18
fi_gradi : = 27958.940282071
t1 : = 1.080890006687E-14
tpunto1 : = 1.0010694853625
tduepunti0 : = -4.7857940124711E+15
v=v_elettrone : = 8444094.0864899
x0= : -1.5147467310214E-12
y0= : -2.5140542150135E-12
```

```
*****
i=29481
k(29481)=0.99970427416066
kQ(29481)=0.99940863577509
r1= : 2.9368304220823E-12
rpunto1: = 7290336.3140228
rduepunti0 : = -2.3213723130054E+25
fil : = 487.97573303963
fipunto1 : = 1.4465552897491E+18
fi_gradi : = 27958.950007973
t1 : = 1.0808900184274E-14
tpunto1 : = 1.0010689246278
tduepunti0 : = -4.7812149231741E+15
v=v_elettrone : = 8441116.1018961
x0= : -1.5147611532752E-12
y0= : -2.5150444223107E-12
*****
i=29482
k(29482)=0.99970449490997
kQ(29482)=0.99940907714321
r1= : 2.9376854231992E-12
rpunto1: = 7287615.2138162
rduepunti0 : = -2.320199969285E+25
fil : = 487.97590268974
fipunto1 : = 1.445713016815E+18
fi_gradi : = 27958.959728209
t1 : = 1.0808900301678E-14
tpunto1 : = 1.0010683644295
tduepunti0 : = -4.7766423054651E+15
v=v_elettrone : = 8438139.9148054
x0= : -1.5147753672337E-12
y0= : -2.5160342833296E-12
*****
i=29483
k(29483)=0.99970471546548
kQ(29483)=0.99940951812391
r1= : 2.9385401051889E-12
rpunto1: = 7284895.4869893
rduepunti0 : = -2.3190289298494E+25
fil : = 487.97607224108
fipunto1 : = 1.4448717934028E+18
fi_gradi : = 27958.969442785
t1 : = 1.0808900419082E-14
tpunto1 : = 1.0010678047666
tduepunti0 : = -4.7720761467544E+15
v=v_elettrone : = 8435165.5229487
x0= : -1.5147893730767E-12
y0= : -2.5170237982369E-12
*****
i=29484
k(29484)=0.99970493582742
kQ(29484)=0.99940995871771
r1= : 2.9393944682127E-12
rpunto1: = 7282177.1320148
rduepunti0 : = -2.3178591926813E+25
fil : = 487.97624169375
fipunto1 : = 1.4440316176759E+18
fi_gradi : = 27958.979151708
t1 : = 1.0808900536486E-14
tpunto1 : = 1.0010672456385
tduepunti0 : = -4.7675164344831E+15
v=v_elettrone : = 8432192.9240783
x0= : -1.514803170984E-12
y0= : -2.5180129671987E-12
```

```
*****
i=29485
k(29485)=0.99970515599605
kQ(29485)=0.99941039892508
r1= : 2.9402485124314E-12
rpunto1: = 7279460.1473679
rduepunti0 : = -2.3166907557677E+25
fil : = 487.97641104789
fipunto1 : = 1.4431924878021E+18
fi_gradi : = 27958.988854985
t1 : = 1.0808900653889E-14
tpunto1 : = 1.0010666870444
tduepunti0 : = -4.7629631561229E+15
v=v_elettrone : = 8429222.116641
x0= : -1.514816761135E-12
y0= : -2.5190017903812E-12
*****
i=29486
k(29486)=0.99970537597161
kQ(29486)=0.99941083874653
r1= : 2.9411022380056E-12
rpunto1: = 7276744.531526
rduepunti0 : = -2.3155236170997E+25
fil : = 487.97658030362
fipunto1 : = 1.4423544019531E+18
fi_gradi : = 27958.998552624
t1 : = 1.0808900771293E-14
tpunto1 : = 1.0010661289836
tduepunti0 : = -4.7584162991766E+15
v=v_elettrone : = 8426253.0983617
x0= : -1.5148301437089E-12
y0= : -2.5199902679506E-12
*****
i=29487
k(29487)=0.99970559575435
kQ(29487)=0.99941127818256
r1= : 2.941955645096E-12
rpunto1: = 7274030.2829688
rduepunti0 : = -2.3143577746722E+25
fil : = 487.97674946106
fipunto1 : = 1.4415173583049E+18
fi_gradi : = 27959.008244632
t1 : = 1.0808900888697E-14
tpunto1 : = 1.0010655714552
tduepunti0 : = -4.7538758511773E+15
v=v_elettrone : = 8423285.8669769
x0= : -1.5148433188847E-12
y0= : -2.5209784000725E-12
*****
i=29488
k(29488)=0.99970581534452
kQ(29488)=0.99941171723365
r1= : 2.9428087338628E-12
rpunto1: = 7271317.4001786
rduepunti0 : = -2.3131932264843E+25
fil : = 487.97691852033
fipunto1 : = 1.4406813550378E+18
fi_gradi : = 27959.017931014
t1 : = 1.0808901006101E-14
tpunto1 : = 1.0010650144586
tduepunti0 : = -4.7493417996889E+15
v=v_elettrone : = 8420320.4202107
x0= : -1.5148562868409E-12
y0= : -2.5219661869126E-12
```

```
*****
i=29489
k(29489)=0.99970603474236
kQ(29489)=0.99941215590029
r1= : 2.9436615044663E-12
rpunto1: = 7268605.8816397
rduepunti0 : = -2.312029970539E+25
fil : = 487.97708748156
fipunto1 : = 1.4398463903359E+18
fi_gradi : = 27959.02761178
t1 : = 1.0808901123504E-14
tpunto1 : = 1.001064457993
tduepunti0 : = -4.7448141323055E+15
v=v_elettrone : = 8417356.7565098
x0= : -1.5148690477562E-12
y0= : -2.5229536286364E-12
*****
i=29490
k(29490)=0.99970625394812
kQ(29490)=0.99941259418299
r1= : 2.9445139570664E-12
rpunto1: = 7265895.725839
rduepunti0 : = -2.3108680048433E+25
fil : = 487.97725634486
fipunto1 : = 1.4390124623877E+18
fi_gradi : = 27959.037286934
t1 : = 1.0808901240908E-14
tpunto1 : = 1.0010639020577
tduepunti0 : = -4.7402928366517E+15
v=v_elettrone : = 8414394.8728695
x0= : -1.5148816018086E-12
y0= : -2.5239407254091E-12
*****
i=29491
k(29491)=0.99970647296205
kQ(29491)=0.99941303208222
r1= : 2.9453660918231E-12
rpunto1: = 7263186.9312656
rduepunti0 : = -2.3097073274083E+25
fil : = 487.97742511037
fipunto1 : = 1.4381795693858E+18
fi_gradi : = 27959.046956485
t1 : = 1.0808901358311E-14
tpunto1 : = 1.0010633466518
tduepunti0 : = -4.7357779003823E+15
v=v_elettrone : = 8411434.7677293
x0= : -1.5148939491762E-12
y0= : -2.5249274773958E-12
*****
i=29492
k(29492)=0.99970669178439
kQ(29492)=0.99941346959849
r1= : 2.9462179088958E-12
rpunto1: = 7260479.4964111
rduepunti0 : = -2.3085479362489E+25
fil : = 487.97759377819
fipunto1 : = 1.4373477095269E+18
fi_gradi : = 27959.056620439
t1 : = 1.0808901475715E-14
tpunto1 : = 1.0010627917748
tduepunti0 : = -4.7312693111824E+15
v=v_elettrone : = 8408476.439534
x0= : -1.5149060900368E-12
y0= : -2.5259138847614E-12
```

```
*****
i=29493
k(29493)=0.99970691041538
kQ(29493)=0.99941390673227
r1= : 2.9470694084441E-12
rpunto1: = 7257773.4197691
rduepunti0 : = -2.3073898293841E+25
fil : = 487.97776234845
fipunto1 : = 1.4365168810117E+18
fi_gradi : = 27959.066278804
t1 : = 1.0808901593118E-14
tpunto1 : = 1.0010622374257
tduepunti0 : = -4.726767056767E+15
v=v_elettrone : = 8405519.8852693
x0= : -1.5149180245676E-12
y0= : -2.5268999476707E-12
*****
i=29494
k(29494)=0.99970712885528
kQ(29494)=0.99941434348406
r1= : 2.9479205906273E-12
rpunto1: = 7255068.6998358
rduepunti0 : = -2.3062330048368E+25
fil : = 487.97793082127
fipunto1 : = 1.435687082045E+18
fi_gradi : = 27959.075931586
t1 : = 1.0808901710521E-14
tpunto1 : = 1.0010616836039
tduepunti0 : = -4.7222711248813E+15
v=v_elettrone : = 8402565.1033689
x0= : -1.5149297529462E-12
y0= : -2.5278856662882E-12
*****
i=29495
k(29495)=0.99970734710431
kQ(29495)=0.99941477985434
r1= : 2.9487714556044E-12
rpunto1: = 7252365.3351097
rduepunti0 : = -2.305077460634E+25
fil : = 487.97809919678
fipunto1 : = 1.4348583108358E+18
fi_gradi : = 27959.085578791
t1 : = 1.0808901827924E-14
tpunto1 : = 1.0010611303087
tduepunti0 : = -4.7177815033001E+15
v=v_elettrone : = 8399612.0922556
x0= : -1.5149412753493E-12
y0= : -2.5288710407783E-12
*****
i=29496
k(29496)=0.99970756516274
kQ(29496)=0.99941521584361
r1= : 2.9496220035345E-12
rpunto1: = 7249663.3240915
rduepunti0 : = -2.3039231948063E+25
fil : = 487.97826747508
fipunto1 : = 1.4340305655971E+18
fi_gradi : = 27959.095220428
t1 : = 1.0808901945328E-14
tpunto1 : = 1.0010605775392
tduepunti0 : = -4.7132981798285E+15
v=v_elettrone : = 8396660.848209
x0= : -1.5149525919537E-12
y0= : -2.5298560713052E-12
```

```
*****
i=29497
k(29497)=0.99970778303079
kQ(29497)=0.99941565145234
r1= : 2.9504722345762E-12
rpunto1: = 7246962.6652842
rduepunti0 : = -2.3027702053885E+25
fil : = 487.97843565631
fipunto1 : = 1.4332038445459E+18
fi_gradi : = 27959.104856503
t1 : = 1.0808902062731E-14
tpunto1 : = 1.0010600252948
tduepunti0 : = -4.7088211423009E+15
v=v_elettrone : = 8393711.371083
x0= : -1.5149637029361E-12
y0= : -2.530840758033E-12
*****
i=29498
k(29498)=0.99970800070872
kQ(29498)=0.99941608668102
r1= : 2.9513221488882E-12
rpunto1: = 7244263.3571931
rduepunti0 : = -2.3016184904194E+25
fil : = 487.97860374059
fipunto1 : = 1.4323781459033E+18
fi_gradi : = 27959.114487023
t1 : = 1.0808902180134E-14
tpunto1 : = 1.0010594735747
tduepunti0 : = -4.7043503785815E+15
v=v_elettrone : = 8390763.6571352
x0= : -1.5149746084725E-12
y0= : -2.5318251011254E-12
*****
i=29499
k(29499)=0.99970821819676
kQ(29499)=0.99941652153014
r1= : 2.9521717466289E-12
rpunto1: = 7241565.398326
rduepunti0 : = -2.3004680479413E+25
fil : = 487.97877172803
fipunto1 : = 1.4315534678945E+18
fi_gradi : = 27959.124111994
t1 : = 1.0808902297537E-14
tpunto1 : = 1.0010589223783
tduepunti0 : = -4.6998858765641E+15
v=v_elettrone : = 8387817.7055175
x0= : -1.5149853087392E-12
y0= : -2.5328091007461E-12
*****
i=29500
k(29500)=0.99970843549516
kQ(29500)=0.99941695600017
r1= : 2.9530210279565E-12
rpunto1: = 7238868.7871927
rduepunti0 : = -2.2993188760009E+25
fil : = 487.97893961875
fipunto1 : = 1.4307298087486E+18
fi_gradi : = 27959.133731423
t1 : = 1.080890241494E-14
tpunto1 : = 1.0010583717047
tduepunti0 : = -4.6954276241719E+15
v=v_elettrone : = 8384873.5139197
x0= : -1.5149958039119E-12
y0= : -2.5337927570587E-12
```

```

*****
i=29501
k(29501)=0.99970865260415
kQ(29501)=0.99941739009161
r1= : 2.9538699930291E-12
rpunto1: = 7236173.5223054
rduepunti0 : = -2.2981709726483E+25
fil : = 487.97910741287
fipunto1 : = 1.4299071666987E+18
fi_gradi : = 27959.143345318
t1 : = 1.0808902532342E-14
tpunto1 : = 1.0010578215532
tduepunti0 : = -4.6909756093575E+15
v=v_elettrone : = 8381931.0800325
x0= : -1.515006094166E-12
y0= : -2.5347760702265E-12
*****
i=29502
k(29502)=0.99970886952398
kQ(29502)=0.99941782380492
r1= : 2.9547186420045E-12
rpunto1: = 7233479.6021787
rduepunti0 : = -2.297024335938E+25
fil : = 487.97927511051
fipunto1 : = 1.429085539982E+18
fi_gradi : = 27959.152953686
t1 : = 1.0808902649745E-14
tpunto1 : = 1.0010572719231
tduepunti0 : = -4.686529820103E+15
v=v_elettrone : = 8378990.4015546
x0= : -1.5150161796769E-12
y0= : -2.5357590404127E-12
*****
i=29503
k(29503)=0.9997090862549
kQ(29503)=0.9994182571406
r1= : 2.9555669750405E-12
rpunto1: = 7230787.0253294
rduepunti0 : = -2.2958789639279E+25
fil : = 487.9794427118
fipunto1 : = 1.4282649268396E+18
fi_gradi : = 27959.162556532
t1 : = 1.0808902767148E-14
tpunto1 : = 1.0010567228136
tduepunti0 : = -4.6820902444193E+15
v=v_elettrone : = 8376051.4768866
x0= : -1.5150260606198E-12
y0= : -2.5367416677801E-12
*****
i=29504
k(29504)=0.99970930279713
kQ(29504)=0.99941869009912
r1= : 2.9564149922945E-12
rpunto1: = 7228095.7902764
rduepunti0 : = -2.2947348546801E+25
fil : = 487.97961021684
fipunto1 : = 1.4274453255167E+18
fi_gradi : = 27959.172153864
t1 : = 1.080890288455E-14
tpunto1 : = 1.0010561742242
tduepunti0 : = -4.6776568703467E+15
v=v_elettrone : = 8373114.3044414
x0= : -1.5150357371694E-12
y0= : -2.5377239524916E-12

```



```
*****
i=29505
k(29505)=0.99970951915092
kQ(29505)=0.99941912268096
r1= : 2.9572626939241E-12
rpunto1: = 7225405.8955411
rduepunti0 : = -2.2935920062603E+25
fil : = 487.97977762576
fipunto1 : = 1.4266267342623E+18
fi_gradi : = 27959.181745689
t1 : = 1.0808903001953E-14
tpunto1 : = 1.0010556261539
tduepunti0 : = -4.6732296859546E+15
v=v_elettrone : = 8370178.8811903
x0= : -1.5150452095002E-12
y0= : -2.5387058947098E-12
*****
i=29506
k(29506)=0.99970973531651
kQ(29506)=0.9994195548866
r1= : 2.9581100800863E-12
rpunto1: = 7222717.339647
rduepunti0 : = -2.2924504167383E+25
fil : = 487.97994493868
fipunto1 : = 1.4258091513294E+18
fi_gradi : = 27959.191332013
t1 : = 1.0808903119355E-14
tpunto1 : = 1.0010550786021
tduepunti0 : = -4.6688086793412E+15
v=v_elettrone : = 8367245.2047954
x0= : -1.5150544777867E-12
y0= : -2.5396874945973E-12
*****
i=29507
k(29507)=0.99970995129413
kQ(29507)=0.99941998671651
r1= : 2.9589571509382E-12
rpunto1: = 7220030.1211201
rduepunti0 : = -2.2913100841874E+25
fil : = 487.98011215572
fipunto1 : = 1.4249925749751E+18
fi_gradi : = 27959.200912843
t1 : = 1.0808903236758E-14
tpunto1 : = 1.0010545315681
tduepunti0 : = -4.6643938386336E+15
v=v_elettrone : = 8364313.2751219
x0= : -1.5150635422031E-12
y0= : -2.5406687523161E-12
*****
i=29508
k(29508)=0.99971016708403
kQ(29508)=0.99942041817118
r1= : 2.9598039066366E-12
rpunto1: = 7217344.2384884
rduepunti0 : = -2.2901710066851E+25
fil : = 487.98027927698
fipunto1 : = 1.4241770034602E+18
fi_gradi : = 27959.210488186
t1 : = 1.080890335416E-14
tpunto1 : = 1.0010539850511
tduepunti0 : = -4.6599851519878E+15
v=v_elettrone : = 8361383.0883842
x0= : -1.5150724029231E-12
y0= : -2.5416496680285E-12
```

```
*****
i=29509
k(29509)=0.99971038268644
kQ(29509)=0.99942084925107
r1= : 2.9606503473383E-12
rpunto1: = 7214659.6902823
rduepunti0 : = -2.2890331823125E+25
fil : = 487.9804463026
fipunto1 : = 1.4233624350495E+18
fi_gradi : = 27959.220058049
t1 : = 1.0808903471563E-14
tpunto1 : = 1.0010534390505
tduepunti0 : = -4.6555826075883E+15
v=v_elettrone : = 8358454.6429885
x0= : -1.5150810601204E-12
y0= : -2.5426302418964E-12
*****
i=29510
k(29510)=0.9997105981016
kQ(29510)=0.99942127995667
r1= : 2.9614964731996E-12
rpunto1: = 7211976.4750343
rduepunti0 : = -2.2878966091545E+25
fil : = 487.98061323269
fipunto1 : = 1.4225488680119E+18
fi_gradi : = 27959.229622439
t1 : = 1.0808903588965E-14
tpunto1 : = 1.0010528935654
tduepunti0 : = -4.6511861936484E+15
v=v_elettrone : = 8355527.9366095
x0= : -1.5150895139685E-12
y0= : -2.5436104740815E-12
*****
i=29511
k(29511)=0.99971081332975
kQ(29511)=0.99942171028844
r1= : 2.9623422843769E-12
rpunto1: = 7209294.5912793
rduepunti0 : = -2.2867612852999E+25
fil : = 487.98078006736
fipunto1 : = 1.4217363006198E+18
fi_gradi : = 27959.239181362
t1 : = 1.0808903706367E-14
tpunto1 : = 1.0010523485953
tduepunti0 : = -4.6467958984099E+15
v=v_elettrone : = 8352602.9683523
x0= : -1.5150977646406E-12
y0= : -2.5445903647453E-12
*****
i=29512
k(29512)=0.99971102837113
kQ(29512)=0.99942214024686
r1= : 2.9631877810264E-12
rpunto1: = 7206614.0375543
rduepunti0 : = -2.2856272088412E+25
fil : = 487.98094680674
fipunto1 : = 1.42092473115E+18
fi_gradi : = 27959.248734824
t1 : = 1.0808903823769E-14
tpunto1 : = 1.0010518041393
tduepunti0 : = -4.642411710143E+15
v=v_elettrone : = 8349679.7351716
x0= : -1.5151058123096E-12
y0= : -2.5455699140493E-12
```

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*****
i=29513
k(29513)=0.99971124322596
kQ(29513)=0.9994225698324
r1= : 2.9640329633041E-12
rpunto1: = 7203934.8123987
rduepunti0 : = -2.2844943778747E+25
fil : = 487.98111345093
fipunto1 : = 1.4201141578826E+18
fi_gradi : = 27959.258282833
t1 : = 1.0808903941171E-14
tpunto1 : = 1.0010512601968
tduepunti0 : = -4.6380336171462E+15
v=v_elettrone : = 8346758.2361657
x0= : -1.5151136571482E-12
y0= : -2.5465491221548E-12
*****
i=29514
k(29514)=0.99971145789449
kQ(29514)=0.99942299904553
r1= : 2.9648778313657E-12
rpunto1: = 7201256.914354
rduepunti0 : = -2.2833627905004E+25
fil : = 487.98128000007
fipunto1 : = 1.4193045791022E+18
fi_gradi : = 27959.267825395
t1 : = 1.0808904058573E-14
tpunto1 : = 1.001050716767
tduepunti0 : = -4.6336616077465E+15
v=v_elettrone : = 8343838.4675567
x0= : -1.5151212993287E-12
y0= : -2.5475279892228E-12
*****
i=29515
k(29515)=0.99971167237695
kQ(29515)=0.99942342788673
r1= : 2.965722385367E-12
rpunto1: = 7198580.3419639
rduepunti0 : = -2.2822324448223E+25
fil : = 487.98144645425
fipunto1 : = 1.4184959930966E+18
fi_gradi : = 27959.277362518
t1 : = 1.0808904175975E-14
tpunto1 : = 1.0010501738493
tduepunti0 : = -4.6292956702989E+15
v=v_elettrone : = 8340920.4284564
x0= : -1.5151287390235E-12
y0= : -2.5485065154142E-12
*****
i=29516
k(29516)=0.99971188667358
kQ(29516)=0.99942385635646
r1= : 2.9665666254633E-12
rpunto1: = 7195905.0937744
rduepunti0 : = -2.281103338948E+25
fil : = 487.98161281361
fipunto1 : = 1.417688398158E+18
fi_gradi : = 27959.286894207
t1 : = 1.0808904293377E-14
tpunto1 : = 1.0010496314428
tduepunti0 : = -4.6249357931866E+15
v=v_elettrone : = 8338004.1172373
x0= : -1.5151359764048E-12
y0= : -2.5494847008897E-12

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*****
i=29517
k(29517)=0.99971210078461
kQ(29517)=0.99942428445519
r1= : 2.9674105518101E-12
rpunto1: = 7193231.1683338
rduepunti0 : = -2.2799754709887E+25
fil : = 487.98177907825
fipunto1 : = 1.4168817925821E+18
fi_gradi : = 27959.296420469
t1 : = 1.0808904410779E-14
tpunto1 : = 1.001049089547
tduepunti0 : = -4.6205819648209E+15
v=v_elettrone : = 8335089.5308312
x0= : -1.515143011644E-12
y0= : -2.5504625458099E-12
*****
i=29518
k(29518)=0.99971231471028
kQ(29518)=0.99942471218339
r1= : 2.9682541645623E-12
rpunto1: = 7190558.5641923
rduepunti0 : = -2.2788488390595E+25
fil : = 487.9819452483
fipunto1 : = 1.4160761746686E+18
fi_gradi : = 27959.305941311
t1 : = 1.080890452818E-14
tpunto1 : = 1.0010485481611
tduepunti0 : = -4.6162341736409E+15
v=v_elettrone : = 8332176.668345
x0= : -1.5151498449129E-12
y0= : -2.5514400503351E-12
*****
i=29519
k(29519)=0.99971252845082
kQ(29519)=0.99942513954152
r1= : 2.9690974638751E-12
rpunto1: = 7187887.2799027
rduepunti0 : = -2.2777234412793E+25
fil : = 487.98211132386
fipunto1 : = 1.4152715427209E+18
fi_gradi : = 27959.31545674
t1 : = 1.0808904645582E-14
tpunto1 : = 1.0010480072844
tduepunti0 : = -4.6118924081138E+15
v=v_elettrone : = 8329265.5266951
x0= : -1.5151564763827E-12
y0= : -2.5524172146256E-12
*****
i=29520
k(29520)=0.99971274200645
kQ(29520)=0.99942556653006
r1= : 2.9699404499031E-12
rpunto1: = 7185217.3140196
rduepunti0 : = -2.2765992757705E+25
fil : = 487.98227730506
fipunto1 : = 1.4144678950462E+18
fi_gradi : = 27959.324966762
t1 : = 1.0808904762984E-14
tpunto1 : = 1.0010474669162
tduepunti0 : = -4.6075566567343E+15
v=v_elettrone : = 8326356.104978
x0= : -1.5151629062245E-12
y0= : -2.5533940388414E-12

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```
*****
i=29521
k(29521)=0.99971295537743
kQ(29521)=0.99942599314947
r1= : 2.970783122801E-12
rpunto1: = 7182548.6651002
rduepunti0 : = -2.2754763406595E+25
fil : = 487.982443192
fipunto1 : = 1.4136652299556E+18
fi_gradi : = 27959.334471384
t1 : = 1.0808904880385E-14
tpunto1 : = 1.0010469270557
tduepunti0 : = -4.603226908025E+15
v=v_elettrone : = 8323448.4001328
x0= : -1.5151691346091E-12
y0= : -2.5543705231423E-12
*****
i=29522
k(29522)=0.99971316856397
kQ(29522)=0.99942641940021
r1= : 2.9716254827232E-12
rpunto1: = 7179881.3317037
rduepunti0 : = -2.274354634076E+25
fil : = 487.98260898482
fipunto1 : = 1.412863545764E+18
fi_gradi : = 27959.343970613
t1 : = 1.0808904997787E-14
tpunto1 : = 1.0010463877024
tduepunti0 : = -4.5989031505362E+15
v=v_elettrone : = 8320542.4112216
x0= : -1.5151751617073E-12
y0= : -2.555346667688E-12
*****
i=29523
k(29523)=0.99971338156631
kQ(29523)=0.99942684528275
r1= : 2.972467529824E-12
rpunto1: = 7177215.3123913
rduepunti0 : = -2.2732341541537E+25
fil : = 487.98277468361
fipunto1 : = 1.4120628407899E+18
fi_gradi : = 27959.353464454
t1 : = 1.0808905115188E-14
tpunto1 : = 1.0010458488554
tduepunti0 : = -4.5945853728457E+15
v=v_elettrone : = 8317638.1351919
x0= : -1.5151809876893E-12
y0= : -2.5563224726381E-12
*****
i=29524
k(29524)=0.99971359438469
kQ(29524)=0.99942727079756
r1= : 2.9733092642576E-12
rpunto1: = 7174550.6057267
rduepunti0 : = -2.2721148990299E+25
fil : = 487.98294028849
fipunto1 : = 1.4112631133556E+18
fi_gradi : = 27959.362952915
t1 : = 1.0808905232589E-14
tpunto1 : = 1.0010453105141
tduepunti0 : = -4.5902735635585E+15
v=v_elettrone : = 8314735.5703758
x0= : -1.5151866127253E-12
y0= : -2.5572979381519E-12
```

```
*****
i=29525
k(29525)=0.99971380701933
kQ(29525)=0.99942769594508
r1= : 2.9741506861779E-12
rpunto1 : = 7171887.2102757
rduepunti0 : = -2.2709968668456E+25
fil : = 487.98310579958
fipunto1 : = 1.4104643617874E+18
fi_gradi : = 27959.372436002
t1 : = 1.0808905349991E-14
tpunto1 : = 1.0010447726778
tduepunti0 : = -4.5859677113075E+15
v=v_elettrone : = 8311834.715882
x0= : -1.5151920369855E-12
y0= : -2.5582730643886E-12
*****
i=29526
k(29526)=0.99971401947046
kQ(29526)=0.99942812072579
r1= : 2.9749917957387E-12
rpunto1 : = 7169225.1246061
rduepunti0 : = -2.2698800557454E+25
fil : = 487.983271217
fipunto1 : = 1.409666584415E+18
fi_gradi : = 27959.381913722
t1 : = 1.0808905467392E-14
tpunto1 : = 1.0010442353458
tduepunti0 : = -4.5816678047524E+15
v=v_elettrone : = 8308935.568613
x0= : -1.5151972606392E-12
y0= : -2.5592478515072E-12
*****
i=29527
k(29527)=0.99971423173832
kQ(29527)=0.99942854514015
r1= : 2.9758325930935E-12
rpunto1 : = 7166564.3472881
rduepunti0 : = -2.2687644638775E+25
fil : = 487.98343654086
fipunto1 : = 1.408869779572E+18
fi_gradi : = 27959.391386081
t1 : = 1.0808905584793E-14
tpunto1 : = 1.0010436985174
tduepunti0 : = -4.5773738325805E+15
v=v_elettrone : = 8306038.1269259
x0= : -1.515202283856E-12
y0= : -2.5602222996666E-12
*****
i=29528
k(29528)=0.99971444382314
kQ(29528)=0.99942896918861
r1= : 2.9766730783958E-12
rpunto1 : = 7163904.8768939
rduepunti0 : = -2.267650089394E+25
fil : = 487.98360177126
fipunto1 : = 1.4080739455957E+18
fi_gradi : = 27959.400853086
t1 : = 1.0808905702194E-14
tpunto1 : = 1.0010431621919
tduepunti0 : = -4.5730857835061E+15
v=v_elettrone : = 8303142.3884381
x0= : -1.5152071068052E-12
y0= : -2.5611964090254E-12
```

```
*****
i=29529
k(29529)=0.99971465572514
kQ(29529)=0.99942939287163
r1= : 2.9775132517989E-12
rpunto1: = 7161246.711998
rduepunti0 : = -2.2665369304503E+25
fil : = 487.98376690834
fipunto1 : = 1.4072790808272E+18
fi_gradi : = 27959.410314743
t1 : = 1.0808905819595E-14
tpunto1 : = 1.0010426263685
tduepunti0 : = -4.5688036462706E+15
v=v_elettrone : = 8300248.3515161
x0= : -1.5152117296558E-12
y0= : -2.5621701797421E-12
*****
i=29530
k(29530)=0.99971486744455
kQ(29530)=0.99942981618968
r1= : 2.9783531134559E-12
rpunto1: = 7158589.851177
rduepunti0 : = -2.2654249852057E+25
fil : = 487.98393195219
fipunto1 : = 1.4064851836111E+18
fi_gradi : = 27959.41977106
t1 : = 1.0808905936996E-14
tpunto1 : = 1.0010420910467
tduepunti0 : = -4.5645274096424E+15
v=v_elettrone : = 8297356.0152324
x0= : -1.5152161525767E-12
y0= : -2.5631436119751E-12
*****
i=29531
k(29531)=0.99971507898161
kQ(29531)=0.99943023914321
r1= : 2.9791926635198E-12
rpunto1: = 7155934.2930095
rduepunti0 : = -2.2643142518229E+25
fil : = 487.98409690293
fipunto1 : = 1.4056922522959E+18
fi_gradi : = 27959.429222041
t1 : = 1.0808906054397E-14
tpunto1 : = 1.0010415562257
tduepunti0 : = -4.5602570624167E+15
v=v_elettrone : = 8294465.3757519
x0= : -1.5152203757363E-12
y0= : -2.5641167058826E-12
*****
i=29532
k(29532)=0.99971529033655
kQ(29532)=0.99943066173268
r1= : 2.9800319021432E-12
rpunto1: = 7153280.0360765
rduepunti0 : = -2.2632047284685E+25
fil : = 487.98426176068
fipunto1 : = 1.4049002852337E+18
fi_gradi : = 27959.438667694
t1 : = 1.0808906171798E-14
tpunto1 : = 1.0010410219049
tduepunti0 : = -4.5559925934159E+15
v=v_elettrone : = 8291576.4321528
x0= : -1.515224399303E-12
y0= : -2.5650894616225E-12
```

```
*****
i=29533
k(29533)=0.99971550150958
kQ(29533)=0.99943108395855
r1= : 2.9808708294789E-12
rpunto1: = 7150627.0789611
rduepunti0 : = -2.2620964133123E+25
fil : = 487.98442652555
fipunto1 : = 1.4041092807801E+18
fi_gradi : = 27959.448108026
t1 : = 1.0808906289199E-14
tpunto1 : = 1.0010404880835
tduepunti0 : = -4.5517339914887E+15
v=v_elettrone : = 8288689.1827733
x0= : -1.5152282234449E-12
y0= : -2.5660618793528E-12
*****
i=29534
k(29534)=0.99971571250094
kQ(29534)=0.99943150582126
r1= : 2.9817094456792E-12
rpunto1: = 7147975.4202484
rduepunti0 : = -2.2609893045282E+25
fil : = 487.98459119765
fipunto1 : = 1.4033192372947E+18
fi_gradi : = 27959.457543042
t1 : = 1.0808906406599E-14
tpunto1 : = 1.0010399547608
tduepunti0 : = -4.5474812455107E+15
v=v_elettrone : = 8285803.6245052
x0= : -1.5152318483299E-12
y0= : -2.567033959231E-12
*****
i=29535
k(29535)=0.99971592331086
kQ(29535)=0.99943192732128
r1= : 2.9825477508965E-12
rpunto1: = 7145325.0585257
rduepunti0 : = -2.2598834002931E+25
fil : = 487.9847557771
fipunto1 : = 1.4025301531404E+18
fi_gradi : = 27959.46697275
t1 : = 1.0808906524E-14
tpunto1 : = 1.0010394219362
tduepunti0 : = -4.5432343443843E+15
v=v_elettrone : = 8282919.7571439
x0= : -1.5152352741257E-12
y0= : -2.5680057014146E-12
*****
i=29536
k(29536)=0.99971613393955
kQ(29536)=0.99943234845905
r1= : 2.9833857452828E-12
rpunto1: = 7142675.9923825
rduepunti0 : = -2.258778698788E+25
fil : = 487.984920264
fipunto1 : = 1.4017420266841E+18
fi_gradi : = 27959.476397156
t1 : = 1.0808906641401E-14
tpunto1 : = 1.001038889609
tduepunti0 : = -4.5389932770381E+15
v=v_elettrone : = 8280037.5768365
x0= : -1.5152385009996E-12
y0= : -2.5689771060611E-12
```



```
*****
i=29537
k(29537)=0.99971634438726
kQ(29537)=0.99943276923503
r1= : 2.98422342899E-12
rpunto1 : = 7140028.2204104
rduepunti0 : = -2.2576751981972E+25
fil : = 487.98508465848
fipunto1 : = 1.4009548562959E+18
fi_gradi : = 27959.485816265
t1 : = 1.0808906758801E-14
tpunto1 : = 1.0010383577785
tduepunti0 : = -4.5347580324273E+15
v=v_elettrone : = 8277157.0833855
x0= : -1.5152415291191E-12
y0= : -2.5699481733275E-12
*****
i=29538
k(29538)=0.99971655465421
kQ(29538)=0.99943318964968
r1= : 2.9850608021701E-12
rpunto1 : = 7137381.741203
rduepunti0 : = -2.2565728967086E+25
fil : = 487.98524896063
fipunto1 : = 1.4001686403499E+18
fi_gradi : = 27959.495230085
t1 : = 1.0808906876202E-14
tpunto1 : = 1.0010378264441
tduepunti0 : = -4.5305285995336E+15
v=v_elettrone : = 8274278.2736519
x0= : -1.5152443586508E-12
y0= : -2.5709189033709E-12
*****
i=29539
k(29539)=0.99971676474061
kQ(29539)=0.99943360970344
r1= : 2.9858978649745E-12
rpunto1 : = 7134736.5533563
rduepunti0 : = -2.2554717925137E+25
fil : = 487.98541317058
fipunto1 : = 1.3993833772237E+18
fi_gradi : = 27959.504638622
t1 : = 1.0808906993602E-14
tpunto1 : = 1.0010372956049
tduepunti0 : = -4.5263049673647E+15
v=v_elettrone : = 8271401.1459814
x0= : -1.5152469897618E-12
y0= : -2.5718892963481E-12
*****
i=29540
k(29540)=0.99971697464671
kQ(29540)=0.99943402939676
r1= : 2.9867346175548E-12
rpunto1 : = 7132092.6554682
rduepunti0 : = -2.2543718838075E+25
fil : = 487.98557728844
fipunto1 : = 1.3985990652984E+18
fi_gradi : = 27959.514041882
t1 : = 1.0808907111002E-14
tpunto1 : = 1.0010367652605
tduepunti0 : = -4.5220871249549E+15
v=v_elettrone : = 8268525.6987039
x0= : -1.5152494226185E-12
y0= : -2.5728593524158E-12
```

```
*****
i=29541
k(29541)=0.99971718437271
kQ(29541)=0.9994344487301
r1= : 2.9875710600621E-12
rpunto1 : = 7129450.0461386
rduepunti0 : = -2.2532731687884E+25
fil : = 487.98574131431
fipunto1 : = 1.3978157029587E+18
fi_gradi : = 27959.523439873
t1 : = 1.0808907228403E-14
tpunto1 : = 1.00103623541
tduepunti0 : = -4.5178750613643E+15
v=v_elettrone : = 8265651.929403
x0= : -1.5152516573873E-12
y0= : -2.5738290717305E-12
*****
i=29542
k(29542)=0.99971739391885
kQ(29542)=0.9994348677039
r1= : 2.9884071926477E-12
rpunto1 : = 7126808.7239698
rduepunti0 : = -2.2521756456586E+25
fil : = 487.98590524831
fipunto1 : = 1.3970332885931E+18
fi_gradi : = 27959.532832599
t1 : = 1.0808907345803E-14
tpunto1 : = 1.0010357060528
tduepunti0 : = -4.5136687656793E+15
v=v_elettrone : = 8262779.8371489
x0= : -1.5152536942343E-12
y0= : -2.5747984544484E-12
*****
i=29543
k(29543)=0.99971760328536
kQ(29543)=0.99943528631862
r1= : 2.9892430154625E-12
rpunto1 : = 7124168.6875661
rduepunti0 : = -2.2510793126237E+25
fil : = 487.98606909054
fipunto1 : = 1.3962518205934E+18
fi_gradi : = 27959.542220068
t1 : = 1.0808907463203E-14
tpunto1 : = 1.0010351771883
tduepunti0 : = -4.5094682270123E+15
v=v_elettrone : = 8259909.4195278
x0= : -1.5152555333253E-12
y0= : -2.5757675007258E-12
*****
i=29544
k(29544)=0.99971781247244
kQ(29544)=0.99943570457469
r1= : 2.9900785286572E-12
rpunto1 : = 7121529.9355339
rduepunti0 : = -2.2499841678928E+25
fil : = 487.98623284113
fipunto1 : = 1.395471297355E+18
fi_gradi : = 27959.551602285
t1 : = 1.0808907580603E-14
tpunto1 : = 1.0010346488157
tduepunti0 : = -4.5052734345014E+15
v=v_elettrone : = 8257040.6741296
x0= : -1.5152571748259E-12
y0= : -2.5767362107188E-12
```

```
*****
i=29545
k(29545)=0.99971802148034
kQ(29545)=0.99943612247256
r1= : 2.9909137323826E-12
rpunto1 : = 7118892.4664815
rduepunti0 : = -2.2488902096784E+25
fil : = 487.98639650018
fipunto1 : = 1.3946917172771E+18
fi_gradi : = 27959.560979258
t1 : = 1.0808907698003E-14
tpunto1 : = 1.0010341209344
tduepunti0 : = -4.5010843773109E+15
v=v_elettrone : = 8254173.5992766
x0= : -1.5152586189017E-12
y0= : -2.5777045845831E-12
*****
i=29546
k(29546)=0.99971823030927
kQ(29546)=0.99943654001269
r1= : 2.991748626789E-12
rpunto1 : = 7116256.2790196
rduepunti0 : = -2.2477974361966E+25
fil : = 487.98656006781
fipunto1 : = 1.3939130787621E+18
fi_gradi : = 27959.570350993
t1 : = 1.0808907815403E-14
tpunto1 : = 1.0010335935437
tduepunti0 : = -4.4969010446306E+15
v=v_elettrone : = 8251308.1940148
x0= : -1.5152598657179E-12
y0= : -2.5786726224745E-12
*****
i=29547
k(29547)=0.99971843895945
kQ(29547)=0.99943695719552
r1= : 2.9925832120268E-12
rpunto1 : = 7113621.3717608
rduepunti0 : = -2.246705845667E+25
fil : = 487.98672354411
fipunto1 : = 1.3931353802163E+18
fi_gradi : = 27959.579717495
t1 : = 1.0808907932803E-14
tpunto1 : = 1.001033066643
tduepunti0 : = -4.4927234256761E+15
v=v_elettrone : = 8248444.455195
x0= : -1.5152609154393E-12
y0= : -2.5796403245484E-12
*****
i=29548
k(29548)=0.99971864743111
kQ(29548)=0.99943737402149
r1= : 2.9934174882462E-12
rpunto1 : = 7110987.7433198
rduepunti0 : = -2.2456154363127E+25
fil : = 487.98688692921
fipunto1 : = 1.3923586200491E+18
fi_gradi : = 27959.589078771
t1 : = 1.0808908050203E-14
tpunto1 : = 1.0010325402315
tduepunti0 : = -4.4885515096886E+15
v=v_elettrone : = 8245582.3811434
x0= : -1.5152617682307E-12
y0= : -2.5806076909602E-12
```

```
*****
i=29549
k(29549)=0.99971885572447
kQ(29549)=0.99943779049104
r1= : 2.994251455597E-12
rpunto1: = 7108355.3923135
rduepunti0 : = -2.2445262063602E+25
fil : = 487.98705022321
fipunto1 : = 1.3915827966738E+18
fi_gradi : = 27959.598434828
t1 : = 1.0808908167603E-14
tpunto1 : = 1.0010320143087
tduepunti0 : = -4.4843852859349E+15
v=v_elettrone : = 8242721.9701427
x0= : -1.5152624242569E-12
y0= : -2.5815747218651E-12
*****
i=29550
k(29550)=0.99971906383974
kQ(29550)=0.99943820660462
r1= : 2.9950851142291E-12
rpunto1: = 7105724.3173607
rduepunti0 : = -2.2434381540394E+25
fil : = 487.98721342622
fipunto1 : = 1.3908079085069E+18
fi_gradi : = 27959.607785672
t1 : = 1.0808908285003E-14
tpunto1 : = 1.0010314888738
tduepunti0 : = -4.4802247437073E+15
v=v_elettrone : = 8239863.2205324
x0= : -1.5152628836822E-12
y0= : -2.5825414174181E-12
*****
i=29551
k(29551)=0.99971927177716
kQ(29551)=0.99943862236266
r1= : 2.9959184642923E-12
rpunto1: = 7103094.5170825
rduepunti0 : = -2.2423512775839E+25
fil : = 487.98737653835
fipunto1 : = 1.3900339539686E+18
fi_gradi : = 27959.617131309
t1 : = 1.0808908402402E-14
tpunto1 : = 1.0010309639261
tduepunti0 : = -4.4760698723235E+15
v=v_elettrone : = 8237006.1306016
x0= : -1.5152631466706E-12
y0= : -2.5835077777741E-12
*****
i=29552
k(29552)=0.99971947953695
kQ(29552)=0.99943903776562
r1= : 2.9967515059358E-12
rpunto1: = 7100465.9901018
rduepunti0 : = -2.2412655752303E+25
fil : = 487.98753955972
fipunto1 : = 1.3892609314826E+18
fi_gradi : = 27959.626471745
t1 : = 1.0808908519802E-14
tpunto1 : = 1.0010304394651
tduepunti0 : = -4.4719206611263E+15
v=v_elettrone : = 8234150.6979244
x0= : -1.5152632133859E-12
y0= : -2.5844738030877E-12
```

```
*****
i=29553
k(29553)=0.99971968711931
kQ(29553)=0.99943945281393
r1= : 2.9975842393092E-12
rpunto1: = 7097838.7350437
rduepunti0 : = -2.2401810452191E+25
fil : = 487.98770249043
fipunto1 : = 1.3884888394758E+18
fi_gradi : = 27959.635806987
t1 : = 1.0808908637201E-14
tpunto1 : = 1.0010299154901
tduepunti0 : = -4.4677770994842E+15
v=v_elettrone : = 8231296.9200753
x0= : -1.515263083992E-12
y0= : -2.5854394935136E-12
*****
i=29554
k(29554)=0.99971989452448
kQ(29554)=0.99943986750804
r1= : 2.9984166645615E-12
rpunto1: = 7095212.7505353
rduepunti0 : = -2.239097685794E+25
fil : = 487.98786533058
fipunto1 : = 1.387717676379E+18
fi_gradi : = 27959.645137041
t1 : = 1.0808908754601E-14
tpunto1 : = 1.0010293920003
tduepunti0 : = -4.4636391767906E+15
v=v_elettrone : = 8228444.7968181
x0= : -1.5152627586523E-12
y0= : -2.586404849206E-12
*****
i=29555
k(29555)=0.99972010175267
kQ(29555)=0.99944028184837
r1= : 2.9992487818418E-12
rpunto1: = 7092588.035206
rduepunti0 : = -2.2380154952022E+25
fil : = 487.9880280803
fipunto1 : = 1.386947440626E+18
fi_gradi : = 27959.654461913
t1 : = 1.0808908872E-14
tpunto1 : = 1.0010288689951
tduepunti0 : = -4.4595068824641E+15
v=v_elettrone : = 8225594.3249889
x0= : -1.5152622375301E-12
y0= : -2.5873698703192E-12
*****
i=29556
k(29556)=0.9997203088041
kQ(29556)=0.99944069583537
r1= : 3.0000805912989E-12
rpunto1: = 7089964.5876869
rduepunti0 : = -2.2369344716941E+25
fil : = 487.98819073968
fipunto1 : = 1.3861781306544E+18
fi_gradi : = 27959.663781609
t1 : = 1.08089089894E-14
tpunto1 : = 1.001028346474
tduepunti0 : = -4.4553802059482E+15
v=v_elettrone : = 8222745.5028825
x0= : -1.5152615207883E-12
y0= : -2.5883345570072E-12
```

```
*****
i=29557
k(29557)=0.999720515679
kQ(29557)=0.99944110946948
r1= : 3.0009120930815E-12
rpunto1: = 7087342.4066114
rduepunti0 : = -2.2358546135238E+25
fil : = 487.98835330884
fipunto1 : = 1.385409744905E+18
fi_gradi : = 27959.673096136
t1 : = 1.0808909106799E-14
tpunto1 : = 1.0010278244361
tduepunti0 : = -4.4512591367117E+15
v=v_elettrone : = 8219898.3295196
x0= : -1.5152606085899E-12
y0= : -2.589298909424E-12
*****
i=29558
k(29558)=0.99972072237757
kQ(29558)=0.99944152275113
r1= : 3.0017432873382E-12
rpunto1: = 7084721.4906147
rduepunti0 : = -2.2347759189487E+25
fil : = 487.98851578789
fipunto1 : = 1.3846422818222E+18
fi_gradi : = 27959.682405499
t1 : = 1.0808909224198E-14
tpunto1 : = 1.0010273028809
tduepunti0 : = -4.4471436642479E+15
v=v_elettrone : = 8217052.8017415
x0= : -1.5152595010973E-12
y0= : -2.5902629277232E-12
*****
i=29559
k(29559)=0.99972092890004
kQ(29559)=0.99944193568076
r1= : 3.0025741742172E-12
rpunto1: = 7082101.8383344
rduepunti0 : = -2.2336983862294E+25
fil : = 487.98867817692
fipunto1 : = 1.3838757398537E+18
fi_gradi : = 27959.691709706
t1 : = 1.0808909341597E-14
tpunto1 : = 1.0010267818077
tduepunti0 : = -4.4430337780753E+15
v=v_elettrone : = 8214208.9185507
x0= : -1.5152581984731E-12
y0= : -2.5912266120585E-12
*****
i=29560
k(29560)=0.99972113524663
kQ(29560)=0.99944234825881
r1= : 3.0034047538669E-12
rpunto1: = 7079483.4484098
rduepunti0 : = -2.2326220136302E+25
fil : = 487.98884047606
fipunto1 : = 1.3831101174508E+18
fi_gradi : = 27959.701008761
t1 : = 1.0808909458996E-14
tpunto1 : = 1.0010262612159
tduepunti0 : = -4.438929467737E+15
v=v_elettrone : = 8211366.6775254
x0= : -1.5152567008792E-12
y0= : -2.5921899625831E-12
```

```

*****
i=29561
k(29561)=0.99972134141755
kQ(29561)=0.9994427604857
r1= : 3.0042350264352E-12
rpunto1: = 7076866.3194823
rduepunti0 : = -2.2315467994184E+25
fil : = 487.98900268541
fipunto1 : = 1.3823454130679E+18
fi_gradi : = 27959.710302672
t1 : = 1.0808909576395E-14
tpunto1 : = 1.0010257411047
tduepunti0 : = -4.4348307228008E+15
v=v_elettrone : = 8208526.0776678
x0= : -1.5152550084779E-12
y0= : -2.5931529794504E-12
*****
i=29562
k(29562)=0.99972154741302
kQ(29562)=0.99944317236188
r1= : 3.00506499207E-12
rpunto1: = 7074250.4501956
rduepunti0 : = -2.230472741865E+25
fil : = 487.98916480507
fipunto1 : = 1.381581625163E+18
fi_gradi : = 27959.719591445
t1 : = 1.0808909693794E-14
tpunto1 : = 1.0010252214736
tduepunti0 : = -4.430737532859E+15
v=v_elettrone : = 8205687.1165409
x0= : -1.5152531214307E-12
y0= : -2.5941156628135E-12
*****
i=29563
k(29563)=0.99972175323326
kQ(29563)=0.99944358388778
r1= : 3.0058946509191E-12
rpunto1: = 7071635.839195
rduepunti0 : = -2.2293998392442E+25
fil : = 487.98932683516
fipunto1 : = 1.3808187521975E+18
fi_gradi : = 27959.728875085
t1 : = 1.0808909811193E-14
tpunto1 : = 1.0010247023219
tduepunti0 : = -4.4266498875286E+15
v=v_elettrone : = 8202849.7916803
x0= : -1.5152510398991E-12
y0= : -2.5950780128253E-12
*****
i=29564
k(29564)=0.99972195887848
kQ(29564)=0.99944399506382
r1= : 3.00672400313E-12
rpunto1: = 7069022.4851281
rduepunti0 : = -2.2283280898335E+25
fil : = 487.98948877578
fipunto1 : = 1.380056792636E+18
fi_gradi : = 27959.738153599
t1 : = 1.0808909928592E-14
tpunto1 : = 1.0010241836489
tduepunti0 : = -4.4225677764512E+15
v=v_elettrone : = 8200014.1021095
x0= : -1.5152487640446E-12
y0= : -2.5960400296385E-12

```

```
*****
i=29565
k(29565)=0.9997221643489
kQ(29565)=0.99944440589044
r1= : 3.0075530488502E-12
rpunto1: = 7066410.3866444
rduepunti0 : = -2.2272574919139E+25
fil : = 487.98965062704
fipunto1 : = 1.3792957449466E+18
fi_gradi : = 27959.747426993
t1 : = 1.0808910045991E-14
tpunto1 : = 1.0010236654541
tduepunti0 : = -4.4184911892925E+15
v=v_elettrone : = 8197180.0461066
x0= : -1.5152462940283E-12
y0= : -2.5970017134056E-12
*****
i=29566
k(29566)=0.99972236964473
kQ(29566)=0.99944481636808
r1= : 3.0083817882269E-12
rpunto1: = 7063799.5423956
rduepunti0 : = -2.2261880437695E+25
fil : = 487.98981238904
fipunto1 : = 1.3785356076008E+18
fi_gradi : = 27959.756695273
t1 : = 1.080891016339E-14
tpunto1 : = 1.0010231477366
tduepunti0 : = -4.4144201157427E+15
v=v_elettrone : = 8194347.621214
x0= : -1.5152436300109E-12
y0= : -2.5979630642793E-12
*****
i=29567
k(29567)=0.9997225747662
kQ(29567)=0.99944522649716
r1= : 3.0092102214072E-12
rpunto1: = 7061189.9510351
rduepunti0 : = -2.225119743688E+25
fil : = 487.9899740619
fipunto1 : = 1.3777763790734E+18
fi_gradi : = 27959.765958445
t1 : = 1.0808910280789E-14
tpunto1 : = 1.001022630496
tduepunti0 : = -4.4103545455164E+15
v=v_elettrone : = 8191516.8257012
x0= : -1.5152407721533E-12
y0= : -2.5989240824117E-12
*****
i=29568
k(29568)=0.99972277971351
kQ(29568)=0.9994456362781
r1= : 3.010038348538E-12
rpunto1: = 7058581.6112186
rduepunti0 : = -2.2240525899601E+25
fil : = 487.99013564571
fipunto1 : = 1.3770180578424E+18
fi_gradi : = 27959.775216516
t1 : = 1.0808910398187E-14
tpunto1 : = 1.0010221137316
tduepunti0 : = -4.4062944683523E+15
v=v_elettrone : = 8188687.658584
x0= : -1.5152377206159E-12
y0= : -2.599884767955E-12
```



```
*****
i=29569
k(29569)=0.99972298448688
kQ(29569)=0.99944604571135
r1= : 3.0108661697662E-12
rpunto1: = 7055974.5216036
rduepunti0 : = -2.2229865808802E+25
fil : = 487.99029714059
fipunto1 : = 1.3762606423893E+18
fi_gradi : = 27959.784469491
t1 : = 1.0808910515586E-14
tpunto1 : = 1.0010215974426
tduepunti0 : = -4.402239874013E+15
v=v_elettrone : = 8185860.1166487
x0= : -1.5152344755588E-12
y0= : -2.6008451210611E-12
*****
i=29570
k(29570)=0.99972318908652
kQ(29570)=0.99944645479733
r1= : 3.0116936852382E-12
rpunto1: = 7053368.6808497
rduepunti0 : = -2.2219217147456E+25
fil : = 487.99045854664
fipunto1 : = 1.3755041311988E+18
fi_gradi : = 27959.793717376
t1 : = 1.0808910632984E-14
tpunto1 : = 1.0010210816286
tduepunti0 : = -4.3981907522856E+15
v=v_elettrone : = 8183034.1989131
x0= : -1.5152310371423E-12
y0= : -2.6018051418819E-12
*****
i=29571
k(29571)=0.99972339351265
kQ(29571)=0.99944686353646
r1= : 3.0125208951007E-12
rpunto1: = 7050764.0876184
rduepunti0 : = -2.2208579898571E+25
fil : = 487.99061986396
fipunto1 : = 1.3747485227591E+18
fi_gradi : = 27959.802960178
t1 : = 1.0808910750383E-14
tpunto1 : = 1.0010205662887
tduepunti0 : = -4.3941470929809E+15
v=v_elettrone : = 8180209.9036382
x0= : -1.5152274055261E-12
y0= : -2.6027648305689E-12
*****
i=29572
k(29572)=0.99972359776549
kQ(29572)=0.99944727192917
r1= : 3.0133477994999E-12
rpunto1: = 7048160.7405734
rduepunti0 : = -2.2197954045189E+25
fil : = 487.99078109267
fipunto1 : = 1.3739938155615E+18
fi_gradi : = 27959.812197903
t1 : = 1.0808910867781E-14
tpunto1 : = 1.0010200514225
tduepunti0 : = -4.3901088859337E+15
v=v_elettrone : = 8177387.2283469
x0= : -1.5152235808698E-12
y0= : -2.6037241872738E-12
```

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*****
i=29573
k(29573)=0.99972380184523
kQ(29573)=0.99944767997589
r1= : 3.0141743985819E-12
rpunto1: = 7045558.63838
rduepunti0 : = -2.2187339570381E+25
fil : = 487.99094223287
fipunto1 : = 1.3732400081007E+18
fi_gradi : = 27959.821430556
t1 : = 1.0808910985179E-14
tpunto1 : = 1.0010195370292
tduepunti0 : = -4.3860761210027E+15
v=v_elettrone : = 8174566.1720546
x0= : -1.5152195633329E-12
y0= : -2.6046832121477E-12
*****
i=29574
k(29574)=0.99972400575211
kQ(29574)=0.99944808767704
r1= : 3.0150006924928E-12
rpunto1: = 7042957.779706
rduepunti0 : = -2.2176736457255E+25
fil : = 487.99110328467
fipunto1 : = 1.3724870988746E+18
fi_gradi : = 27959.830658144
t1 : = 1.0808911102578E-14
tpunto1 : = 1.0010190231083
tduepunti0 : = -4.3820487880703E+15
v=v_elettrone : = 8171746.7322657
x0= : -1.5152153530745E-12
y0= : -2.605641905342E-12
*****
i=29575
k(29575)=0.99972420948632
kQ(29575)=0.99944849503304
r1= : 3.0158266813784E-12
rpunto1: = 7040358.1632207
rduepunti0 : = -2.2166144688949E+25
fil : = 487.99126424816
fipunto1 : = 1.3717350863844E+18
fi_gradi : = 27959.839880673
t1 : = 1.0808911219976E-14
tpunto1 : = 1.001018509659
tduepunti0 : = -4.3780268770427E+15
v=v_elettrone : = 8168928.9072551
x0= : -1.5152109502537E-12
y0= : -2.6066002670075E-12
*****
i=29576
k(29576)=0.99972441304808
kQ(29576)=0.99944890204433
r1= : 3.0166523653844E-12
rpunto1: = 7037759.7875956
rduepunti0 : = -2.2155564248634E+25
fil : = 487.99142512346
fipunto1 : = 1.3709839691347E+18
fi_gradi : = 27959.849098149
t1 : = 1.0808911337374E-14
tpunto1 : = 1.0010179966808
tduepunti0 : = -4.3740103778498E+15
v=v_elettrone : = 8166112.6960046
x0= : -1.5152063550294E-12
y0= : -2.6075582972951E-12

```

```

*****
i=29577
k(29577)=0.99972461643761
kQ(29577)=0.99944930871132
r1= : 3.0174777446563E-12
rpunto1: = 7035162.6515041
rduepunti0 : = -2.2144995119513E+25
fil : = 487.99158591067
fipunto1 : = 1.3702337456332E+18
fi_gradi : = 27959.858310577
t1 : = 1.0808911454772E-14
tpunto1 : = 1.001017484173
tduepunti0 : = -4.369999280445E+15
v=v_elettrone : = 8163298.0953017
x0= : -1.5152015675599E-12
y0= : -2.6085159963557E-12
*****
i=29578
k(29578)=0.99972481965511
kQ(29578)=0.99944971503444
r1= : 3.0183028193394E-12
rpunto1: = 7032566.7536217
rduepunti0 : = -2.2134437284824E+25
fil : = 487.99174660989
fipunto1 : = 1.3694844143909E+18
fi_gradi : = 27959.867517964
t1 : = 1.080891157217E-14
tpunto1 : = 1.0010169721349
tduepunti0 : = -4.3659935748054E+15
v=v_elettrone : = 8160485.1048773
x0= : -1.5151965880037E-12
y0= : -2.6094733643396E-12
*****
i=29579
k(29579)=0.99972502270079
kQ(29579)=0.9994501210141
r1= : 3.0191275895791E-12
rpunto1: = 7029972.0926257
rduepunti0 : = -2.2123890727833E+25
fil : = 487.99190722123
fipunto1 : = 1.368735973922E+18
fi_gradi : = 27959.876720316
t1 : = 1.0808911689568E-14
tpunto1 : = 1.0010164605661
tduepunti0 : = -4.3619932509312E+15
v=v_elettrone : = 8157673.721496
x0= : -1.515191416519E-12
y0= : -2.6104304013973E-12
*****
i=29580
k(29580)=0.99972522557488
kQ(29580)=0.99945052665074
r1= : 3.0199520555202E-12
rpunto1: = 7027378.6671955
rduepunti0 : = -2.2113355431842E+25
fil : = 487.9920677448
fipunto1 : = 1.3679884227441E+18
fi_gradi : = 27959.885917639
t1 : = 1.0808911806966E-14
tpunto1 : = 1.0010159494657
tduepunti0 : = -4.3579982988464E+15
v=v_elettrone : = 8154863.9441581
x0= : -1.5151860532638E-12
y0= : -2.611387107679E-12

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```
*****
i=29581
k(29581)=0.99972542827756
kQ(29581)=0.99945093194476
r1= : 3.0207762173079E-12
rpunto1: = 7024786.4760123
rduepunti0 : = -2.2102831380184E+25
fil : = 487.9922281807
fipunto1 : = 1.3672417593778E+18
fi_gradi : = 27959.895109939
t1 : = 1.0808911924364E-14
tpunto1 : = 1.0010154388333
tduepunti0 : = -4.3540087085981E+15
v=v_elettrone : = 8152055.7710972
x0= : -1.5151804983958E-12
y0= : -2.6123434833348E-12
*****
i=29582
k(29582)=0.99972563080906
kQ(29582)=0.99945133689658
r1= : 3.0216000750867E-12
rpunto1: = 7022195.5177594
rduepunti0 : = -2.2092318556223E+25
fil : = 487.99238852902
fipunto1 : = 1.366495982347E+18
fi_gradi : = 27959.904297221
t1 : = 1.0808912041762E-14
tpunto1 : = 1.0010149286681
tduepunti0 : = -4.3500244702567E+15
v=v_elettrone : = 8149249.2005753
x0= : -1.5151747520726E-12
y0= : -2.6132995285146E-12
*****
i=29583
k(29583)=0.99972583316959
kQ(29583)=0.99945174150663
r1= : 3.0224236290014E-12
rpunto1: = 7019605.7911219
rduepunti0 : = -2.2081816943356E+25
fil : = 487.99254878989
fipunto1 : = 1.3657510901788E+18
fi_gradi : = 27959.913479492
t1 : = 1.0808912159159E-14
tpunto1 : = 1.0010144189695
tduepunti0 : = -4.3460455739158E+15
v=v_elettrone : = 8146444.2300729
x0= : -1.5151688144514E-12
y0= : -2.6142552433682E-12
*****
i=29584
k(29584)=0.99972603535935
kQ(29584)=0.99945214577533
r1= : 3.0232468791962E-12
rpunto1: = 7017017.2947869
rduepunti0 : = -2.2071326525011E+25
fil : = 487.99270896339
fipunto1 : = 1.3650070814036E+18
fi_gradi : = 27959.922656758
t1 : = 1.0808912276557E-14
tpunto1 : = 1.001013909737
tduepunti0 : = -4.3420720096921E+15
v=v_elettrone : = 8143640.8585954
x0= : -1.5151626856895E-12
y0= : -2.6152106280451E-12
```

```
*****
i=29585
k(29585)=0.99972623737856
kQ(29585)=0.99945254970309
r1= : 3.0240698258157E-12
rpunto1: = 7014430.0274436
rduepunti0 : = -2.206084728465E+25
fil : = 487.99286904964
fipunto1 : = 1.3642639545549E+18
fi_gradi : = 27959.931829024
t1 : = 1.0808912393955E-14
tpunto1 : = 1.0010134009699
tduepunti0 : = -4.3381037677255E+15
v=v_elettrone : = 8140839.0843738
x0= : -1.5151563659438E-12
y0= : -2.6161656826948E-12
*****
i=29586
k(29586)=0.99972643922741
kQ(29586)=0.99945295329032
r1= : 3.0248924690038E-12
rpunto1: = 7011843.9877829
rduepunti0 : = -2.2050379205765E+25
fil : = 487.99302904873
fipunto1 : = 1.3635217081693E+18
fi_gradi : = 27959.940996297
t1 : = 1.0808912511352E-14
tpunto1 : = 1.0010128926675
tduepunti0 : = -4.3341408381787E+15
v=v_elettrone : = 8138038.9049011
x0= : -1.5151498553709E-12
y0= : -2.6171204074666E-12
*****
i=29587
k(29587)=0.99972664090613
kQ(29587)=0.99945335653745
r1= : 3.0257148089045E-12
rpunto1: = 7009259.1744977
rduepunti0 : = -2.203992227188E+25
fil : = 487.99318896077
fipunto1 : = 1.3627803407868E+18
fi_gradi : = 27959.950158582
t1 : = 1.080891262875E-14
tpunto1 : = 1.0010123848293
tduepunti0 : = -4.3301832112374E+15
v=v_elettrone : = 8135240.3184129
x0= : -1.5151431541274E-12
y0= : -2.6180748025097E-12
*****
i=29588
k(29588)=0.99972684241491
kQ(29588)=0.99945375944489
r1= : 3.0265368456617E-12
rpunto1: = 7006675.5862829
rduepunti0 : = -2.2029476466551E+25
fil : = 487.99334878587
fipunto1 : = 1.3620398509502E+18
fi_gradi : = 27959.959315886
t1 : = 1.0808912746147E-14
tpunto1 : = 1.0010118774546
tduepunti0 : = -4.3262308771103E+15
v=v_elettrone : = 8132443.3246319
x0= : -1.5151362623698E-12
y0= : -2.619028867973E-12
```

```
*****
i=29589
k(29589)=0.99972704375397
kQ(29589)=0.99945416201305
r1= : 3.0273585794191E-12
rpunto1: = 7004093.2218353
rduepunti0 : = -2.2019041773365E+25
fil : = 487.99350852413
fipunto1 : = 1.3613002372059E+18
fi_gradi : = 27959.968468214
t1 : = 1.0808912863544E-14
tpunto1 : = 1.0010113705428
tduepunti0 : = -4.3222838260288E+15
v=v_elettrone : = 8129647.9202971
x0= : -1.515129180254E-12
y0= : -2.6199826040054E-12
*****
i=29590
k(29590)=0.99972724492351
kQ(29590)=0.99945456424234
r1= : 3.0281800103201E-12
rpunto1: = 7001512.0798536
rduepunti0 : = -2.200861817594E+25
fil : = 487.99366817564
fipunto1 : = 1.3605614981031E+18
fi_gradi : = 27959.977615572
t1 : = 1.0808912980942E-14
tpunto1 : = 1.0010108640933
tduepunti0 : = -4.3183420482469E+15
v=v_elettrone : = 8126854.1036542
x0= : -1.5151219079358E-12
y0= : -2.6209360107555E-12
*****
i=29591
k(29591)=0.99972744592373
kQ(29591)=0.99945496613319
r1= : 3.0290011385082E-12
rpunto1: = 6998932.1590384
rduepunti0 : = -2.1998205657928E+25
fil : = 487.99382774051
fipunto1 : = 1.3598236321943E+18
fi_gradi : = 27959.986757966
t1 : = 1.0808913098339E-14
tpunto1 : = 1.0010103581054
tduepunti0 : = -4.3144055340417E+15
v=v_elettrone : = 8124061.8736658
x0= : -1.5151144455712E-12
y0= : -2.6218890883719E-12
*****
i=29592
k(29592)=0.99972764675485
kQ(29592)=0.999455367686
r1= : 3.0298219641265E-12
rpunto1: = 6996353.4580922
rduepunti0 : = -2.1987804203009E+25
fil : = 487.99398721885
fipunto1 : = 1.359086638035E+18
fi_gradi : = 27959.995895401
t1 : = 1.0808913215736E-14
tpunto1 : = 1.0010098525786
tduepunti0 : = -4.3104742737124E+15
v=v_elettrone : = 8121271.2278054
x0= : -1.5151067933155E-12
y0= : -2.6228418370029E-12
```

```
*****
i=29593
k(29593)=0.99972784741707
kQ(29593)=0.99945576890118
r1= : 3.0306424873181E-12
rpunto1: = 6993775.9757195
rduepunti0 : = -2.1977413794897E+25
fil : = 487.99414661076
fipunto1 : = 1.3583505141841E+18
fi_gradi : = 27960.005027885
t1 : = 1.0808913333133E-14
tpunto1 : = 1.0010093475123
tduepunti0 : = -4.306548257581E+15
v=v_elettrone : = 8118482.1650518
x0= : -1.5150989513242E-12
y0= : -2.6237942567967E-12
*****
i=29594
k(29594)=0.9997280479106
kQ(29594)=0.99945616977914
r1= : 3.031462708226E-12
rpunto1: = 6991199.7106267
rduepunti0 : = -2.1967034417335E+25
fil : = 487.99430591633
fipunto1 : = 1.3576152592032E+18
fi_gradi : = 27960.014155422
t1 : = 1.080891345053E-14
tpunto1 : = 1.0010088429057
tduepunti0 : = -4.3026274759921E+15
v=v_elettrone : = 8115694.6836313
x0= : -1.5150909197523E-12
y0= : -2.6247463479015E-12
*****
i=29595
k(29595)=0.99972824823564
kQ(29595)=0.9994565703203
r1= : 3.0322826269929E-12
rpunto1: = 6988624.661522
rduepunti0 : = -2.1956666054099E+25
fil : = 487.99446513567
fipunto1 : = 1.3568808716574E+18
fi_gradi : = 27960.023278018
t1 : = 1.0808913567927E-14
tpunto1 : = 1.0010083387584
tduepunti0 : = -4.2987119193125E+15
v=v_elettrone : = 8112908.7810088
x0= : -1.5150826987546E-12
y0= : -2.625698110465E-12
*****
i=29596
k(29596)=0.9997284483924
kQ(29596)=0.99945697052507
r1= : 3.0331022437614E-12
rpunto1: = 6986050.8271155
rduepunti0 : = -2.1946308688995E+25
fil : = 487.99462426889
fipunto1 : = 1.3561473501147E+18
fi_gradi : = 27960.03239568
t1 : = 1.0808913685324E-14
tpunto1 : = 1.0010078350697
tduepunti0 : = -4.2948015779316E+15
v=v_elettrone : = 8110124.4561532
x0= : -1.5150742884859E-12
y0= : -2.6266495446351E-12
```

```
*****
i=29597
k(29597)=0.99972864838107
kQ(29597)=0.99945737039385
r1= : 3.0339215586739E-12
rpunto1: = 6983478.2061193
rduepunti0 : = -2.193596230586E+25
fil : = 487.99478331608
fipunto1 : = 1.3554146931462E+18
fi_gradi : = 27960.041508412
t1 : = 1.0808913802721E-14
tpunto1 : = 1.001007331839
tduepunti0 : = -4.2908964422608E+15
v=v_elettrone : = 8107341.7072865
x0= : -1.5150656891007E-12
y0= : -2.6276006505594E-12
*****
i=29598
k(29598)=0.99972884820187
kQ(29598)=0.99945776992705
r1= : 3.0347405718729E-12
rpunto1: = 6980906.7972473
rduepunti0 : = -2.1925626888562E+25
fil : = 487.99494227734
fipunto1 : = 1.3546828993261E+18
fi_gradi : = 27960.050616222
t1 : = 1.0808913920118E-14
tpunto1 : = 1.0010068290656
tduepunti0 : = -4.2869965027339E+15
v=v_elettrone : = 8104560.5326144
x0= : -1.5150569007533E-12
y0= : -2.6285514283853E-12
*****
i=29599
k(29599)=0.999729047855
kQ(29599)=0.99945816912507
r1= : 3.0355592835003E-12
rpunto1: = 6978336.5992154
rduepunti0 : = -2.1915302421E+25
fil : = 487.99510115278
fipunto1 : = 1.3539519672316E+18
fi_gradi : = 27960.059719114
t1 : = 1.0808914037515E-14
tpunto1 : = 1.0010063267491
tduepunti0 : = -4.283101749807E+15
v=v_elettrone : = 8101780.9296115
x0= : -1.5150479235976E-12
y0= : -2.6295018782602E-12
*****
i=29600
k(29600)=0.99972924734067
kQ(29600)=0.99945856798834
r1= : 3.0363776936983E-12
rpunto1: = 6975767.6107413
rduepunti0 : = -2.1904988887105E+25
fil : = 487.9952599425
fipunto1 : = 1.3532218954431E+18
fi_gradi : = 27960.068817095
t1 : = 1.0808914154911E-14
tpunto1 : = 1.0010058248886
tduepunti0 : = -4.279212173958E+15
v=v_elettrone : = 8099002.8972305
x0= : -1.5150387577877E-12
y0= : -2.6304520003311E-12
```



```
*****
i=29601
k(29601)=0.99972944665907
kQ(29601)=0.99945896651724
r1= : 3.0371958026087E-12
rpunto1: = 6973199.8305445
rduepunti0 : = -2.1894686270835E+25
fil : = 487.9954186466
fipunto1 : = 1.352492682544E+18
fi_gradi : = 27960.07791017
t1 : = 1.0808914272308E-14
tpunto1 : = 1.0010053234838
tduepunti0 : = -4.2753277656872E+15
v=v_elettrone : = 8096226.4336867
x0= : -1.5150294034774E-12
y0= : -2.6314017947451E-12
*****
i=29602
k(29602)=0.9997296458104
kQ(29602)=0.9994593647122
r1= : 3.0380136103731E-12
rpunto1: = 6970633.2573466
rduepunti0 : = -2.1884394556182E+25
fil : = 487.99557726517
fipunto1 : = 1.3517643271208E+18
fi_gradi : = 27960.086998345
t1 : = 1.0808914389705E-14
tpunto1 : = 1.0010048225339
tduepunti0 : = -4.2714485155166E+15
v=v_elettrone : = 8093451.5379222
x0= : -1.5150198608201E-12
y0= : -2.6323512616489E-12
*****
i=29603
k(29603)=0.99972984479488
kQ(29603)=0.9994597625736
r1= : 3.0388311171333E-12
rpunto1: = 6968067.8898709
rduepunti0 : = -2.1874113727168E+25
fil : = 487.99573579833
fipunto1 : = 1.3510368277628E+18
fi_gradi : = 27960.096081625
t1 : = 1.0808914507101E-14
tpunto1 : = 1.0010043220383
tduepunti0 : = -4.2675744139903E+15
v=v_elettrone : = 8090678.2066575
x0= : -1.5150101299689E-12
y0= : -2.6333004011894E-12
*****
i=29604
k(29604)=0.99973004361271
kQ(29604)=0.99946016010186
r1= : 3.0396483230304E-12
rpunto1: = 6965503.7268426
rduepunti0 : = -2.1863843767846E+25
fil : = 487.99589424616
fipunto1 : = 1.3503101830627E+18
fi_gradi : = 27960.105160017
t1 : = 1.0808914624498E-14
tpunto1 : = 1.0010038219965
tduepunti0 : = -4.2637054516741E+15
v=v_elettrone : = 8087906.4395936
x0= : -1.5150002110772E-12
y0= : -2.6342492135129E-12
```

```
*****
i=29605
k(29605)=0.99973024226407
kQ(29605)=0.99946055729738
r1= : 3.0404652282059E-12
rpunto1: = 6962940.7669888
rduepunti0 : = -2.1853584662296E+25
fil : = 487.99605260877
fipunto1 : = 1.3495843916159E+18
fi_gradi : = 27960.114233527
t1 : = 1.0808914741894E-14
tpunto1 : = 1.0010033224079
tduepunti0 : = -4.2598416191559E+15
v=v_elettrone : = 8085136.2341819
x0= : -1.5149901042976E-12
y0= : -2.6351976987661E-12
*****
i=29606
k(29606)=0.99973044074919
kQ(29606)=0.99946095416057
r1= : 3.0412818328008E-12
rpunto1: = 6960379.0090384
rduepunti0 : = -2.1843336394632E+25
fil : = 487.99621088627
fipunto1 : = 1.348859452021E+18
fi_gradi : = 27960.123302159
t1 : = 1.0808914859291E-14
tpunto1 : = 1.0010028232718
tduepunti0 : = -4.255982907045E+15
v=v_elettrone : = 8082367.588621
x0= : -1.5149798097831E-12
y0= : -2.6361458570949E-12
*****
i=29607
k(29607)=0.99973063906825
kQ(29607)=0.99946135069181
r1= : 3.0420981369561E-12
rpunto1: = 6957818.4517223
rduepunti0 : = -2.1833098948998E+25
fil : = 487.99636907874
fipunto1 : = 1.3481353628796E+18
fi_gradi : = 27960.13236592
t1 : = 1.0808914976687E-14
tpunto1 : = 1.0010023245876
tduepunti0 : = -4.2521293059725E+15
v=v_elettrone : = 8079600.5018518
x0= : -1.5149693276861E-12
y0= : -2.6370936886456E-12
*****
i=29608
k(29608)=0.99973083722146
kQ(29608)=0.99946174689153
r1= : 3.0429141408125E-12
rpunto1: = 6955259.0937731
rduepunti0 : = -2.1822872309566E+25
fil : = 487.99652718629
fipunto1 : = 1.3474121227962E+18
fi_gradi : = 27960.141424816
t1 : = 1.0808915094083E-14
tpunto1 : = 1.0010018263548
tduepunti0 : = -4.2482808065913E+15
v=v_elettrone : = 8076834.9713375
x0= : -1.5149586581589E-12
y0= : -2.6380411935641E-12
```

```

*****
i=29609
k(29609)=0.99973103520902
kQ(29609)=0.99946214276011
r1= : 3.0437298445108E-12
rpunto1 : = 6952700.9339253
rduepunti0 : = -2.181265646054E+25
fil : = 487.99668520903
fipunto1 : = 1.3466897303784E+18
fi_gradi : = 27960.150478852
t1 : = 1.0808915211479E-14
tpunto1 : = 1.0010013285727
tduepunti0 : = -4.2444373995756E+15
v=v_elettrone : = 8074070.9967521
x0= : -1.5149478013537E-12
y0= : -2.6389883719961E-12
*****
i=29610
k(29610)=0.99973123303114
kQ(29610)=0.99946253829795
r1= : 3.0445452481915E-12
rpunto1 : = 6950143.9709153
rduepunti0 : = -2.1802451386153E+25
fil : = 487.99684314704
fipunto1 : = 1.3459681842367E+18
fi_gradi : = 27960.159528033
t1 : = 1.0808915328875E-14
tpunto1 : = 1.0010008312408
tduepunti0 : = -4.2405990756212E+15
v=v_elettrone : = 8071308.5748017
x0= : -1.5149367574223E-12
y0= : -2.6399352240873E-12
*****
i=29611
k(29611)=0.999731430688
kQ(29611)=0.99946293350547
r1= : 3.0453603519949E-12
rpunto1 : = 6947588.2034813
rduepunti0 : = -2.1792257070668E+25
fil : = 487.99700100043
fipunto1 : = 1.3452474829846E+18
fi_gradi : = 27960.168572366
t1 : = 1.0808915446271E-14
tpunto1 : = 1.0010003343584
tduepunti0 : = -4.2367658254455E+15
v=v_elettrone : = 8068547.7044278
x0= : -1.5149255265165E-12
y0= : -2.6408817499832E-12
*****
i=29612
k(29612)=0.9997316281798
kQ(29612)=0.99946332838304
r1= : 3.0461751560612E-12
rpunto1 : = 6945033.6303634
rduepunti0 : = -2.178207349838E+25
fil : = 487.9971587693
fipunto1 : = 1.3445276252386E+18
fi_gradi : = 27960.177611856
t1 : = 1.0808915563667E-14
tpunto1 : = 1.000999837925
tduepunti0 : = -4.232937639787E+15
v=v_elettrone : = 8065788.383807
x0= : -1.5149141087878E-12
y0= : -2.6418279498291E-12

```

```
*****
i=29613
k(29613)=0.99973182550676
kQ(29613)=0.99946372293108
r1= : 3.0469896605305E-12
rpunto1: = 6942480.2503034
rduepunti0 : = -2.1771900653611E+25
fil : = 487.99731645374
fipunto1 : = 1.3438086096182E+18
fi_gradi : = 27960.186646509
t1 : = 1.0808915681063E-14
tpunto1 : = 1.00099934194
tduepunti0 : = -4.2291145094057E+15
v=v_elettrone : = 8063030.6118904
x0= : -1.5149025043876E-12
y0= : -2.6427738237702E-12
*****
i=29614
k(29614)=0.99973202266907
kQ(29614)=0.99946411714998
r1= : 3.0478038655427E-12
rpunto1: = 6939928.062045
rduepunti0 : = -2.1761738520714E+25
fil : = 487.99747405386
fipunto1 : = 1.3430904347457E+18
fi_gradi : = 27960.195676331
t1 : = 1.0808915798459E-14
tpunto1 : = 1.0009988464028
tduepunti0 : = -4.2252964250829E+15
v=v_elettrone : = 8060274.3861005
x0= : -1.5148907134669E-12
y0= : -2.6437193719515E-12
*****
i=29615
k(29615)=0.99973221966692
kQ(29615)=0.99946451104014
r1= : 3.0486177712377E-12
rpunto1: = 6937377.0643339
rduepunti0 : = -2.1751587084072E+25
fil : = 487.99763156975
fipunto1 : = 1.3423730992465E+18
fi_gradi : = 27960.204701327
t1 : = 1.0808915915855E-14
tpunto1 : = 1.0009983513127
tduepunti0 : = -4.2214833776209E+15
v=v_elettrone : = 8057519.7053868
x0= : -1.5148787361768E-12
y0= : -2.6446645945179E-12
*****
i=29616
k(29616)=0.99973241650051
kQ(29616)=0.99946490460195
r1= : 3.0494313777549E-12
rpunto1: = 6934827.2559174
rduepunti0 : = -2.1741446328097E+25
fil : = 487.99778900151
fipunto1 : = 1.3416566017489E+18
fi_gradi : = 27960.213721502
t1 : = 1.0808916033251E-14
tpunto1 : = 1.0009978566692
tduepunti0 : = -4.2176753578434E+15
v=v_elettrone : = 8054766.5679125
x0= : -1.5148665726679E-12
y0= : -2.6456094916143E-12
```

```
*****
i=29617
k(29617)=0.99973261317004
kQ(29617)=0.9994652978358
r1= : 3.050244685234E-12
rpunto1: = 6932278.6355447
rduepunti0 : = -2.1731316237232E+25
fil : = 487.99794634924
fipunto1 : = 1.3409409408841E+18
fi_gradi : = 27960.222736863
t1 : = 1.0808916150647E-14
tpunto1 : = 1.0009973624718
tduepunti0 : = -4.2138723565949E+15
v=v_elettrone : = 8052014.97111153
x0= : -1.5148542230908E-12
y0= : -2.6465540633851E-12
*****
i=29618
k(29618)=0.99973280967572
kQ(29618)=0.99946569074211
r1= : 3.0510576938142E-12
rpunto1: = 6929731.2019669
rduepunti0 : = -2.1721196795947E+25
fil : = 487.99810361305
fipunto1 : = 1.3402261152862E+18
fi_gradi : = 27960.231747415
t1 : = 1.0808916268042E-14
tpunto1 : = 1.0009968687198
tduepunti0 : = -4.2100743647413E+15
v=v_elettrone : = 8049264.9146777
x0= : -1.514841687596E-12
y0= : -2.6474983099748E-12
*****
i=29619
k(29619)=0.99973300601773
kQ(29619)=0.99946608332124
r1= : 3.0518704036347E-12
rpunto1: = 6927184.9539368
rduepunti0 : = -2.1711087988744E+25
fil : = 487.99826079301
fipunto1 : = 1.3395121235922E+18
fi_gradi : = 27960.240753164
t1 : = 1.0808916385438E-14
tpunto1 : = 1.0009963754126
tduepunti0 : = -4.206281373169E+15
v=v_elettrone : = 8046516.3960252
x0= : -1.5148289663335E-12
y0= : -2.6484422315277E-12
*****
i=29620
k(29620)=0.99973320219627
kQ(29620)=0.99946647557361
r1= : 3.0526828148345E-12
rpunto1: = 6924639.890209
rduepunti0 : = -2.1700989800152E+25
fil : = 487.99841788925
fipunto1 : = 1.3387989644421E+18
fi_gradi : = 27960.249754115
t1 : = 1.0808916502833E-14
tpunto1 : = 1.0009958825497
tduepunti0 : = -4.2024933727858E+15
v=v_elettrone : = 8043769.4133271
x0= : -1.5148160594534E-12
y0= : -2.649385828188E-12
```

```
*****
i=29621
k(29621)=0.99973339821154
kQ(29621)=0.9994668674996
r1= : 3.0534949275527E-12
rpunto1: = 6922096.0095401
rduepunti0 : = -2.1690902214731E+25
fil : = 487.99857490184
fipunto1 : = 1.3380866364789E+18
fi_gradi : = 27960.258750274
t1 : = 1.0808916620229E-14
tpunto1 : = 1.0009953901304
tduepunti0 : = -4.19871035452E+15
v=v_elettrone : = 8041023.9662603
x0= : -1.5148029671055E-12
y0= : -2.6503291000996E-12
*****
i=29622
k(29622)=0.99973359406374
kQ(29622)=0.99946725909961
r1= : 3.0543067419278E-12
rpunto1: = 6919553.3106883
rduepunti0 : = -2.1680825217071E+25
fil : = 487.99873183089
fipunto1 : = 1.3373751383481E+18
fi_gradi : = 27960.267741647
t1 : = 1.0808916737624E-14
tpunto1 : = 1.0009948981542
tduepunti0 : = -4.1949323093208E+15
v=v_elettrone : = 8038280.0514933
x0= : -1.5147896894391E-12
y0= : -2.6512720474064E-12
*****
i=29623
k(29623)=0.99973378975306
kQ(29623)=0.99946765037402
r1= : 3.0551182580985E-12
rpunto1: = 6917011.7924137
rduepunti0 : = -2.1670758791788E+25
fil : = 487.9988886765
fipunto1 : = 1.3366644686984E+18
fi_gradi : = 27960.276728238
t1 : = 1.080891685502E-14
tpunto1 : = 1.0009944066205
tduepunti0 : = -4.1911592281581E+15
v=v_elettrone : = 8035537.6679497
x0= : -1.514776226604E-12
y0= : -2.6522146702522E-12
*****
i=29624
k(29624)=0.9997339852797
kQ(29624)=0.99946804132323
r1= : 3.0559294762033E-12
rpunto1: = 6914471.4534781
rduepunti0 : = -2.1660702923531E+25
fil : = 487.99904543876
fipunto1 : = 1.3359546261815E+18
fi_gradi : = 27960.285710054
t1 : = 1.0808916972415E-14
tpunto1 : = 1.0009939155288
tduepunti0 : = -4.1873911020227E+15
v=v_elettrone : = 8032796.8137852
x0= : -1.5147625787491E-12
y0= : -2.6531569687804E-12
```

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*****
i=29625
k(29625)=0.99973418064385
kQ(29625)=0.99946843194763
r1= : 3.0567403963804E-12
rpunto1: = 6911932.2926454
rduepunti0 : = -2.1650657596975E+25
fil : = 487.99920211777
fipunto1 : = 1.3352456094515E+18
fi_gradi : = 27960.2946871
t1 : = 1.080891708981E-14
tpunto1 : = 1.0009934248784
tduepunti0 : = -4.1836279219258E+15
v=v_elettrone : = 8030057.4879327
x0= : -1.5147487460238E-12
y0= : -2.6540989431344E-12
*****
i=29626
k(29626)=0.99973437584571
kQ(29626)=0.99946882224761
r1= : 3.0575510187681E-12
rpunto1: = 6909394.3086809
rduepunti0 : = -2.1640622796825E+25
fil : = 487.99935871364
fipunto1 : = 1.3345374171658E+18
fi_gradi : = 27960.303659382
t1 : = 1.0808917207206E-14
tpunto1 : = 1.0009929346687
tduepunti0 : = -4.1798696788991E+15
v=v_elettrone : = 8027319.6885497
x0= : -1.5147347285766E-12
y0= : -2.6550405934576E-12
*****
i=29627
k(29627)=0.99973457088547
kQ(29627)=0.99946921222355
r1= : 3.0583613435043E-12
rpunto1: = 6906857.5003519
rduepunti0 : = -2.1630598507815E+25
fil : = 487.99951522644
fipunto1 : = 1.3338300479844E+18
fi_gradi : = 27960.312626905
t1 : = 1.0808917324601E-14
tpunto1 : = 1.0009924448992
tduepunti0 : = -4.1761163639951E+15
v=v_elettrone : = 8024583.4137948
x0= : -1.5147205265562E-12
y0= : -2.6559819198931E-12
*****
i=29628
k(29628)=0.99973476576332
kQ(29628)=0.99946960187584
r1= : 3.059171370727E-12
rpunto1: = 6904321.8664275
rduepunti0 : = -2.1620584714708E+25
fil : = 487.99967165628
fipunto1 : = 1.3331235005703E+18
fi_gradi : = 27960.321589675
t1 : = 1.0808917441996E-14
tpunto1 : = 1.0009919555694
tduepunti0 : = -4.1723679682864E+15
v=v_elettrone : = 8021848.6618335
x0= : -1.5147061401111E-12
y0= : -2.6569229225838E-12

```

```
*****
i=29629
k(29629)=0.99973496047947
kQ(29629)=0.99946999120488
r1= : 3.0599811005738E-12
rpunto1: = 6901787.4056785
rduepunti0 : = -2.1610581402296E+25
fil : = 487.99982800327
fipunto1 : = 1.3324177735893E+18
fi_gradi : = 27960.330547697
t1 : = 1.0808917559391E-14
tpunto1 : = 1.0009914666785
tduepunti0 : = -4.1686244828663E+15
v=v_elettrone : = 8019115.4308149
x0= : -1.5146915693895E-12
y0= : -2.6578636016726E-12
*****
i=29630
k(29630)=0.9997351550341
kQ(29630)=0.99947038021105
r1= : 3.0607905331824E-12
rpunto1: = 6899254.1168775
rduepunti0 : = -2.1600588555398E+25
fil : = 487.99998426748
fipunto1 : = 1.33171286571E+18
fi_gradi : = 27960.339500977
t1 : = 1.0808917676786E-14
tpunto1 : = 1.0009909782262
tduepunti0 : = -4.1648858988483E+15
v=v_elettrone : = 8016383.7196567
x0= : -1.5146768145397E-12
y0= : -2.658803957302E-12
*****
i=29631
k(29631)=0.9997353494274
kQ(29631)=0.99947076889473
r1= : 3.0615996686902E-12
rpunto1: = 6896721.998799
rduepunti0 : = -2.1590606158864E+25
fil : = 488.00014044903
fipunto1 : = 1.3310087756038E+18
fi_gradi : = 27960.348449521
t1 : = 1.0808917794181E-14
tpunto1 : = 1.0009904902117
tduepunti0 : = -4.1611522073661E+15
v=v_elettrone : = 8013653.5272706
x0= : -1.5146618757093E-12
y0= : -2.6597439896148E-12
*****
i=29632
k(29632)=0.99973554365958
kQ(29632)=0.99947115725632
r1= : 3.0624085072345E-12
rpunto1: = 6894191.050219
rduepunti0 : = -2.1580634197571E+25
fil : = 488.000296548
fipunto1 : = 1.3303055019449E+18
fi_gradi : = 27960.357393333
t1 : = 1.0808917911576E-14
tpunto1 : = 1.0009900026345
tduepunti0 : = -4.1574233995739E+15
v=v_elettrone : = 8010924.8503003
x0= : -1.514646753046E-12
y0= : -2.6606836987532E-12
```



```
*****
i=29633
k(29633)=0.99973573773082
kQ(29633)=0.99947154529619
r1= : 3.0632170489524E-12
rpunto1: = 6891661.2699156
rduerpunti0 : = -2.1570672656425E+25
fil : = 488.00045256449
fipunto1 : = 1.3296030434104E+18
fi_gradi : = 27960.366332419
t1 : = 1.080891802897E-14
tpunto1 : = 1.000989515494
tduerpunti0 : = -4.1536994666457E+15
v=v_elettrone : = 8008197.6883894
x0= : -1.5146314466974E-12
y0= : -2.6616230848596E-12
*****
i=29634
k(29634)=0.99973593164131
kQ(29634)=0.99947193301473
r1= : 3.0640252939811E-12
rpunto1: = 6889132.6566684
rduerpunti0 : = -2.1560721520361E+25
fil : = 488.0006084986
fipunto1 : = 1.3289013986803E+18
fi_gradi : = 27960.375266786
t1 : = 1.0808918146365E-14
tpunto1 : = 1.0009890287898
tduerpunti0 : = -4.149980399776E+15
v=v_elettrone : = 8005472.0389572
x0= : -1.5146159568109E-12
y0= : -2.662562148076E-12
*****
i=29635
k(29635)=0.99973612539126
kQ(29635)=0.99947232041232
r1= : 3.0648332424572E-12
rpunto1: = 6886605.2092589
rduerpunti0 : = -2.1550780774341E+25
fil : = 488.00076435042
fipunto1 : = 1.328200566437E+18
fi_gradi : = 27960.384196437
t1 : = 1.080891826376E-14
tpunto1 : = 1.0009885425211
tduerpunti0 : = -4.1462661901791E+15
v=v_elettrone : = 8002747.9016429
x0= : -1.5146002835335E-12
y0= : -2.6635008885442E-12
*****
i=29636
k(29636)=0.99973631898084
kQ(29636)=0.99947270748935
r1= : 3.0656408945177E-12
rpunto1: = 6884078.9264703
rduerpunti0 : = -2.1540850403357E+25
fil : = 488.00092012004
fipunto1 : = 1.3275005453662E+18
fi_gradi : = 27960.393121379
t1 : = 1.0808918381154E-14
tpunto1 : = 1.0009880566874
tduerpunti0 : = -4.1425568290893E+15
v=v_elettrone : = 8000025.2738433
x0= : -1.5145844270122E-12
y0= : -2.6644393064063E-12
```

```
*****
i=29637
k(29637)=0.99973651241025
kQ(29637)=0.9994730942462
r1= : 3.066448250299E-12
rpunto1: = 6881553.8070877
rduepunti0 : = -2.1530930392427E+25
fil : = 488.00107580757
fipunto1 : = 1.326801334156E+18
fi_gradi : = 27960.402041618
t1 : = 1.0808918498549E-14
tpunto1 : = 1.0009875712882
tduepunti0 : = -4.138852307761E+15
v=v_elettrone : = 7997304.1537062
x0= : -1.5145683873938E-12
y0= : -2.6653774018038E-12
*****
i=29638
k(29638)=0.99973670567968
kQ(29638)=0.99947348068325
r1= : 3.0672553099375E-12
rpunto1: = 6879029.8498977
rduepunti0 : = -2.15210207266E+25
fil : = 488.0012314131
fipunto1 : = 1.3261029314974E+18
fi_gradi : = 27960.410957158
t1 : = 1.0808918615943E-14
tpunto1 : = 1.000987086323
tduepunti0 : = -4.1351526174685E+15
v=v_elettrone : = 7994584.5408788
x0= : -1.5145521648248E-12
y0= : -2.6663151748783E-12
*****
i=29639
k(29639)=0.99973689878932
kQ(29639)=0.99947386680089
r1= : 3.0680620735697E-12
rpunto1: = 6876507.0536889
rduepunti0 : = -2.1511121390951E+25
fil : = 488.00138693672
fipunto1 : = 1.3254053360842E+18
fi_gradi : = 27960.419868005
t1 : = 1.0808918733338E-14
tpunto1 : = 1.000986601791
tduepunti0 : = -4.1314577495057E+15
v=v_elettrone : = 7991866.4319921
x0= : -1.5145357594515E-12
y0= : -2.6672526257711E-12
*****
i=29640
k(29640)=0.99973709173937
kQ(29640)=0.99947425259949
r1= : 3.0688685413317E-12
rpunto1: = 6873985.4172515
rduepunti0 : = -2.1501232370584E+25
fil : = 488.00154237852
fipunto1 : = 1.3247085466129E+18
fi_gradi : = 27960.428774164
t1 : = 1.0808918850732E-14
tpunto1 : = 1.0009861176918
tduepunti0 : = -4.1277676951866E+15
v=v_elettrone : = 7989149.8266988
x0= : -1.5145191714204E-12
y0= : -2.6681897546234E-12
```

```
*****
i=29641
k(29641)=0.99973728453
kQ(29641)=0.99947463807943
r1= : 3.0696747133594E-12
rpunto1: = 6871464.9393774
rduepunti0 : = -2.1491353650629E+25
fil : = 488.00169773861
fipunto1 : = 1.3240125617828E+18
fi_gradi : = 27960.437675641
t1 : = 1.0808918968127E-14
tpunto1 : = 1.0009856340248
tduepunti0 : = -4.1240824458447E+15
v=v_elettrone : = 7986434.7231331
x0= : -1.5145024008772E-12
y0= : -2.6691265615763E-12
*****
i=29642
k(29642)=0.99973747716143
kQ(29642)=0.99947502324109
r1= : 3.0704805897888E-12
rpunto1: = 6868945.6188604
rduepunti0 : = -2.1481485216248E+25
fil : = 488.00185301707
fipunto1 : = 1.323317380296E+18
fi_gradi : = 27960.446572442
t1 : = 1.0808919085521E-14
tpunto1 : = 1.0009851507894
tduepunti0 : = -4.1204019928333E+15
v=v_elettrone : = 7983721.1194368
x0= : -1.5144854479679E-12
y0= : -2.6700630467709E-12
*****
i=29643
k(29643)=0.99973766963382
kQ(29643)=0.99947540808486
r1= : 3.0712861707555E-12
rpunto1: = 6866427.454496
rduepunti0 : = -2.1471627052628E+25
fil : = 488.00200821401
fipunto1 : = 1.3226230008571E+18
fi_gradi : = 27960.455464571
t1 : = 1.0808919202915E-14
tpunto1 : = 1.0009846679851
tduepunti0 : = -4.1167263275252E+15
v=v_elettrone : = 7981009.0144926
x0= : -1.514468312838E-12
y0= : -2.6709992103479E-12
*****
i=29644
k(29644)=0.99973786194737
kQ(29644)=0.9994757926111
r1= : 3.0720914563952E-12
rpunto1: = 6863910.4450813
rduepunti0 : = -2.1461779144983E+25
fil : = 488.0021633295
fipunto1 : = 1.3219294221737E+18
fi_gradi : = 27960.464352035
t1 : = 1.0808919320309E-14
tpunto1 : = 1.0009841856114
tduepunti0 : = -4.113055441313E+15
v=v_elettrone : = 7978298.4056791
x0= : -1.514450995633E-12
y0= : -2.671935052448E-12
```

```
*****
i=29645
k(29645)=0.99973805410227
kQ(29645)=0.9994761768202
r1= : 3.0728964468434E-12
rpunto1: = 6861394.5894152
rduepunti0 : = -2.1451941478557E+25
fil : = 488.00231836366
fipunto1 : = 1.3212366429559E+18
fi_gradi : = 27960.473234837
t1 : = 1.0808919437703E-14
tpunto1 : = 1.0009837036676
tduepunti0 : = -4.1093893256086E+15
v=v_elettrone : = 7975589.2918802
x0= : -1.5144334964983E-12
y0= : -2.6728705732116E-12
*****
i=29646
k(29646)=0.99973824609872
kQ(29646)=0.99947656071254
r1= : 3.0737011422352E-12
rpunto1: = 6858879.8862985
rduepunti0 : = -2.1442114038621E+25
fil : = 488.00247331657
fipunto1 : = 1.3205446619168E+18
fi_gradi : = 27960.482112985
t1 : = 1.0808919555098E-14
tpunto1 : = 1.0009832221531
tduepunti0 : = -4.1057279718434E+15
v=v_elettrone : = 7972881.6719916
x0= : -1.5144158155789E-12
y0= : -2.6738057727792E-12
*****
i=29647
k(29647)=0.99973843793688
kQ(29647)=0.99947694428848
r1= : 3.074505542706E-12
rpunto1: = 6856366.3345335
rduepunti0 : = -2.1432296810472E+25
fil : = 488.00262818832
fipunto1 : = 1.319853477772E+18
fi_gradi : = 27960.490986483
t1 : = 1.0808919672492E-14
tpunto1 : = 1.0009827410676
tduepunti0 : = -4.1020713714683E+15
v=v_elettrone : = 7970175.5441311
x0= : -1.5143979530196E-12
y0= : -2.6747406512909E-12
*****
i=29648
k(29648)=0.99973862961697
kQ(29648)=0.99947732754841
r1= : 3.0753096483907E-12
rpunto1: = 6853853.9329242
rduepunti0 : = -2.1422489779437E+25
fil : = 488.00278297901
fipunto1 : = 1.3191630892398E+18
fi_gradi : = 27960.499855336
t1 : = 1.0808919789885E-14
tpunto1 : = 1.0009822604103
tduepunti0 : = -4.0984195159535E+15
v=v_elettrone : = 7967470.9064209
x0= : -1.5143799089652E-12
y0= : -2.675675208887E-12
```

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*****
i=29649
k(29649)=0.99973882113915
kQ(29649)=0.9994777104927
r1= : 3.0761134594243E-12
rpunto1: = 6851342.6802766
rduepunti0 : = -2.1412692930868E+25
fil : = 488.00293768873
fipunto1 : = 1.3184734950412E+18
fi_gradi : = 27960.50871955
t1 : = 1.0808919907279E-14
tpunto1 : = 1.0009817801807
tduepunti0 : = -4.0947723967885E+15
v=v_elettrone : = 7964767.7569897
x0= : -1.5143616835603E-12
y0= : -2.6766094457073E-12
*****
i=29650
k(29650)=0.99973901250363
kQ(29650)=0.99947809312173
r1= : 3.0769169759414E-12
rpunto1: = 6848832.5753981
rduepunti0 : = -2.1402906250148E+25
fil : = 488.00309231758
fipunto1 : = 1.3177846939E+18
fi_gradi : = 27960.517579131
t1 : = 1.0808920024673E-14
tpunto1 : = 1.0009813003784
tduepunti0 : = -4.091130005482E+15
v=v_elettrone : = 7962066.094723
x0= : -1.5143432769492E-12
y0= : -2.6775433618917E-12
*****
i=29651
k(29651)=0.99973920371058
kQ(29651)=0.99947847543586
r1= : 3.0777201980767E-12
rpunto1: = 6846323.6170979
rduepunti0 : = -2.1393129722683E+25
fil : = 488.00324686565
fipunto1 : = 1.3170966845426E+18
fi_gradi : = 27960.526434083
t1 : = 1.0808920142067E-14
tpunto1 : = 1.0009808210026
tduepunti0 : = -4.0874923335619E+15
v=v_elettrone : = 7959365.9177239
x0= : -1.5143246892761E-12
y0= : -2.6784769575797E-12
*****
i=29652
k(29652)=0.99973939476019
kQ(29652)=0.99947885743548
r1= : 3.0785231259646E-12
rpunto1: = 6843815.8041871
rduepunti0 : = -2.1383363333909E+25
fil : = 488.00340133303
fipunto1 : = 1.3164094656981E+18
fi_gradi : = 27960.535284411
t1 : = 1.0808920259461E-14
tpunto1 : = 1.0009803420529
tduepunti0 : = -4.0838593725755E+15
v=v_elettrone : = 7956667.22489
x0= : -1.514305920685E-12
y0= : -2.6794102329109E-12

```

```
*****
i=29653
k(29653)=0.99973958565266
kQ(29653)=0.99947923912095
r1= : 3.0793257597395E-12
rpunto1: = 6841309.1354782
rduepunti0 : = -2.1373607069289E+25
fil : = 488.00355571981
fipunto1 : = 1.3157230360982E+18
fi_gradi : = 27960.544130122
t1 : = 1.0808920376854E-14
tpunto1 : = 1.0009798635287
tduepunti0 : = -4.0802311140888E+15
v=v_elettrone : = 7953970.0143226
x0= : -1.5142869713197E-12
y0= : -2.6803431880247E-12
*****
i=29654
k(29654)=0.99973977638816
kQ(29654)=0.99947962049264
r1= : 3.0801280995356E-12
rpunto1: = 6838803.6097857
rduepunti0 : = -2.1363860914312E+25
fil : = 488.00371002609
fipunto1 : = 1.3150373944774E+18
fi_gradi : = 27960.552971221
t1 : = 1.0808920494248E-14
tpunto1 : = 1.0009793854295
tduepunti0 : = -4.0766075496871E+15
v=v_elettrone : = 7951274.2841437
x0= : -1.5142678413238E-12
y0= : -2.6812758230604E-12
*****
i=29655
k(29655)=0.99973996696688
kQ(29655)=0.99948000155094
r1= : 3.0809301454869E-12
rpunto1: = 6836299.2259255
rduepunti0 : = -2.1354124854496E+25
fil : = 488.00386425196
fipunto1 : = 1.3143525395727E+18
fi_gradi : = 27960.561807712
t1 : = 1.0808920611642E-14
tpunto1 : = 1.0009789077547
tduepunti0 : = -4.0729886709747E+15
v=v_elettrone : = 7948580.0339801
x0= : -1.5142485308408E-12
y0= : -2.682208138157E-12
*****
i=29656
k(29656)=0.99974015738901
kQ(29656)=0.9994803822962
r1= : 3.0817318977274E-12
rpunto1: = 6833795.9827154
rduepunti0 : = -2.1344398875384E+25
fil : = 488.0040183975
fipunto1 : = 1.3136684701238E+18
fi_gradi : = 27960.570639602
t1 : = 1.0808920729035E-14
tpunto1 : = 1.0009784305038
tduepunti0 : = -4.0693744695746E+15
v=v_elettrone : = 7945887.2604342
x0= : -1.5142290400138E-12
y0= : -2.6831401334535E-12
```

```
*****
i=29657
k(29657)=0.99974034765473
kQ(29657)=0.9994807627288
r1= : 3.0825333563907E-12
rpunto1: = 6831293.8789749
rduepunti0 : = -2.1334682962547E+25
fil : = 488.00417246283
fipunto1 : = 1.3129851848731E+18
fi_gradi : = 27960.579466894
t1 : = 1.0808920846428E-14
tpunto1 : = 1.0009779536762
tduepunti0 : = -4.065764937129E+15
v=v_elettrone : = 7943195.9623561
x0= : -1.514209368986E-12
y0= : -2.6840718090888E-12
*****
i=29658
k(29658)=0.99974053776423
kQ(29658)=0.99948114284911
r1= : 3.0833345216106E-12
rpunto1: = 6828792.9135251
rduepunti0 : = -2.1324977101583E+25
fil : = 488.00432644801
fipunto1 : = 1.3123026825656E+18
fi_gradi : = 27960.588289596
t1 : = 1.0808920963822E-14
tpunto1 : = 1.0009774772714
tduepunti0 : = -4.0621600652987E+15
v=v_elettrone : = 7940506.1393927
x0= : -1.5141895179005E-12
y0= : -2.6850031652014E-12
*****
i=29659
k(29659)=0.99974072771769
kQ(29659)=0.99948152265749
r1= : 3.0841353935205E-12
rpunto1: = 6826293.0851888
rduepunti0 : = -2.1315281278118E+25
fil : = 488.00448035316
fipunto1 : = 1.3116209619489E+18
fi_gradi : = 27960.597107711
t1 : = 1.0808921081215E-14
tpunto1 : = 1.0009770012888
tduepunti0 : = -4.0585598457633E+15
v=v_elettrone : = 7937817.7888879
x0= : -1.5141694868997E-12
y0= : -2.68593420193E-12
*****
i=29660
k(29660)=0.99974091751529
kQ(29660)=0.99948190215432
r1= : 3.0849359722539E-12
rpunto1: = 6823794.3927905
rduepunti0 : = -2.1305595477801E+25
fil : = 488.00463417835
fipunto1 : = 1.3109400217732E+18
fi_gradi : = 27960.605921245
t1 : = 1.0808921198608E-14
tpunto1 : = 1.0009765257279
tduepunti0 : = -4.0549642702213E+15
v=v_elettrone : = 7935130.9096984
x0= : -1.5141492761264E-12
y0= : -2.686864919413E-12
```

```
*****
i=29661
k(29661)=0.99974110715723
kQ(29661)=0.99948228133996
r1= : 3.0857362579438E-12
rpunto1 : = 6821296.8351564
rduepunti0 : = -2.1295919686312E+25
fil : = 488.00478792368
fipunto1 : = 1.3102598607914E+18
fi_gradi : = 27960.614730204
t1 : = 1.0808921316002E-14
tpunto1 : = 1.0009760505881
tduepunti0 : = -4.0513733303897E+15
v=v_elettrone : = 7932445.4999267
x0= : -1.5141288857228E-12
y0= : -2.6877953177885E-12
*****
i=29662
k(29662)=0.99974129664368
kQ(29662)=0.99948266021478
r1= : 3.0865362507235E-12
rpunto1 : = 6818800.4111144
rduepunti0 : = -2.1286253889356E+25
fil : = 488.00494158925
fipunto1 : = 1.309580477759E+18
fi_gradi : = 27960.623534592
t1 : = 1.0808921433395E-14
tpunto1 : = 1.0009755758689
tduepunti0 : = -4.0477870180043E+15
v=v_elettrone : = 7929761.5584485
x0= : -1.5141083158311E-12
y0= : -2.6887253971948E-12
*****
i=29663
k(29663)=0.99974148597482
kQ(29663)=0.99948303877915
r1= : 3.0873359507258E-12
rpunto1 : = 6816305.1194939
rduepunti0 : = -2.1276598072663E+25
fil : = 488.00509517513
fipunto1 : = 1.308901871434E+18
fi_gradi : = 27960.632334415
t1 : = 1.0808921550788E-14
tpunto1 : = 1.0009751015698
tduepunti0 : = -4.0442053248193E+15
v=v_elettrone : = 7927079.0825845
x0= : -1.5140875665933E-12
y0= : -2.6896551577698E-12
*****
i=29664
k(29664)=0.99974167515085
kQ(29664)=0.99948341703343
r1= : 3.0881353580836E-12
rpunto1 : = 6813810.9591261
rduepunti0 : = -2.1266952221993E+25
fil : = 488.00524868143
fipunto1 : = 1.308224040577E+18
fi_gradi : = 27960.641129678
t1 : = 1.0808921668181E-14
tpunto1 : = 1.0009746276902
tduepunti0 : = -4.0406282426075E+15
v=v_elettrone : = 7924398.0719674
x0= : -1.5140666381514E-12
y0= : -2.6905845996513E-12
```



```
*****
i=29665
k(29665)=0.99974186417194
kQ(29665)=0.99948379497798
r1= : 3.0889344729294E-12
rpunto1 : = 6811317.928844
rduepunti0 : = -2.1257316323129E+25
fil : = 488.00540210824
fipunto1 : = 1.3075469839513E+18
fi_gradi : = 27960.649920387
t1 : = 1.0808921785574E-14
tpunto1 : = 1.0009741542296
tduepunti0 : = -4.0370557631603E+15
v=v_elettrone : = 7921718.5246957
x0= : -1.514045530647E-12
y0= : -2.691513722977E-12
*****
i=29666
k(29666)=0.99974205303827
kQ(29666)=0.99948417261318
r1= : 3.089733295396E-12
rpunto1 : = 6808826.027482
rduepunti0 : = -2.1247690361884E+25
fil : = 488.00555545564
fipunto1 : = 1.3068707003228E+18
fi_gradi : = 27960.658706546
t1 : = 1.0808921902967E-14
tpunto1 : = 1.0009736811874
tduepunti0 : = -4.0334878782873E+15
v=v_elettrone : = 7919040.4396143
x0= : -1.5140242442215E-12
y0= : -2.6924425278846E-12
*****
i=29667
k(29667)=0.99974224175004
kQ(29667)=0.99948454993939
r1= : 3.0905318256156E-12
rpunto1 : = 6806335.2538764
rduepunti0 : = -2.1238074324093E+25
fil : = 488.00570872373
fipunto1 : = 1.3061951884597E+18
fi_gradi : = 27960.66748816
t1 : = 1.080892202036E-14
tpunto1 : = 1.0009732085631
tduepunti0 : = -4.0299245798166E+15
v=v_elettrone : = 7916363.8140659
x0= : -1.5140027790161E-12
y0= : -2.6933710145114E-12
*****
i=29668
k(29668)=0.99974243030741
kQ(29668)=0.99948492695696
r1= : 3.0913300637206E-12
rpunto1 : = 6803845.606865
rduepunti0 : = -2.1228468195622E+25
fil : = 488.0058619126
fipunto1 : = 1.3055204471331E+18
fi_gradi : = 27960.676265236
t1 : = 1.0808922137753E-14
tpunto1 : = 1.0009727363562
tduepunti0 : = -4.0263658595947E+15
v=v_elettrone : = 7913688.6476537
x0= : -1.5139811351722E-12
y0= : -2.6942991829947E-12
```

```
*****
i=29669
k(29669)=0.99974261871057
kQ(29669)=0.99948530366626
r1= : 3.092128009843E-12
rpunto1:= 6801357.0852873
rduepunti0 := -2.1218871962359E+25
fil := 488.00601502233
fipunto1 := 1.3048464751165E+18
fi_gradi := 27960.685037777
t1 := 1.0808922255145E-14
tpunto1 := 1.0009722645661
tduepunti0 := -4.0228117094863E+15
v=v_elettrone := 7911014.9377141
x0= : -1.5139593128304E-12
y0= : -2.6952270334717E-12
*****
i=29670
k(29670)=0.9997428069597
kQ(29670)=0.99948568006766
r1= : 3.0929256641148E-12
rpunto1:= 6798869.6879844
rduepunti0 := -2.1209285610222E+25
fil := 488.00616805302
fipunto1 := 1.304173271186E+18
fi_gradi := 27960.69380579
t1 := 1.0808922372538E-14
tpunto1 := 1.0009717931923
tduepunti0 := -4.0192621213742E+15
v=v_elettrone := 7908342.6838629
x0= : -1.5139373121318E-12
y0= : -2.6961545660794E-12
*****
i=29671
k(29671)=0.99974299505499
kQ(29671)=0.99948605616152
r1= : 3.093723026668E-12
rpunto1:= 6796383.4137992
rduepunti0 := -2.1199709125153E+25
fil := 488.00632100475
fipunto1 := 1.3035008341201E+18
fi_gradi := 27960.702569279
t1 := 1.0808922489931E-14
tpunto1 := 1.0009713222342
tduepunti0 := -4.0157170871597E+15
v=v_elettrone := 7905671.8834166
x0= : -1.5139151332167E-12
y0= : -2.6970817809547E-12
*****
i=29672
k(29672)=0.99974318299661
kQ(29672)=0.99948643194819
r1= : 3.0945200976341E-12
rpunto1:= 6793898.2615761
rduepunti0 := -2.1190142493119E+25
fil := 488.00647387763
fipunto1 := 1.3028291627001E+18
fi_gradi := 27960.711328249
t1 := 1.0808922607323E-14
tpunto1 := 1.0009708516914
tduepunti0 := -4.012176598762E+15
v=v_elettrone := 7903002.535993
x0= : -1.5138927762258E-12
y0= : -2.6980086782342E-12
```

```
*****
i=29673
k(29673)=0.99974337078475
kQ(29673)=0.99948680742805
r1= : 3.0953168771449E-12
rpunto1 : = 6791414.2301612
rduepunti0 : = -2.1180585700116E+25
fil : = 488.00662667173
fipunto1 : = 1.3021582557096E+18
fi_gradi : = 27960.720082707
t1 : = 1.0808922724716E-14
tpunto1 : = 1.0009703815633
tduepunti0 : = -4.0086406481183E+15
v=v_elettrone : = 7900334.6389027
x0= : -1.5138702412991E-12
y0= : -2.6989352580547E-12
*****
i=29674
k(29674)=0.99974355841958
kQ(29674)=0.99948718260144
r1= : 3.0961133653317E-12
rpunto1 : = 6788931.3184022
rduepunti0 : = -2.1171038732164E+25
fil : = 488.00677938715
fipunto1 : = 1.3014881119349E+18
fi_gradi : = 27960.728832656
t1 : = 1.0808922842108E-14
tpunto1 : = 1.0009699118493
tduepunti0 : = -4.0051092271841E+15
v=v_elettrone : = 7897668.1909931
x0= : -1.5138475285767E-12
y0= : -2.6998615205525E-12
*****
i=29675
k(29675)=0.99974374590128
kQ(29675)=0.99948755746872
r1= : 3.0969095623258E-12
rpunto1 : = 6786449.5251485
rduepunti0 : = -2.1161501575309E+25
fil : = 488.00693202397
fipunto1 : = 1.3008187301647E+18
fi_gradi : = 27960.737578101
t1 : = 1.0808922959501E-14
tpunto1 : = 1.0009694425489
tduepunti0 : = -4.0015823279328E+15
v=v_elettrone : = 7895003.1911198
x0= : -1.5138246381987E-12
y0= : -2.700787465864E-12
*****
i=29676
k(29676)=0.99974393323004
kQ(29676)=0.99948793203027
r1= : 3.0977054682585E-12
rpunto1 : = 6783968.8492511
rduepunti0 : = -2.1151974215624E+25
fil : = 488.0070845823
fipunto1 : = 1.3001501091903E+18
fi_gradi : = 27960.746319049
t1 : = 1.0808923076893E-14
tpunto1 : = 1.0009689736617
tduepunti0 : = -3.9980599423554E+15
v=v_elettrone : = 7892339.6381089
x0= : -1.5138015703047E-12
y0= : -2.7017130941253E-12
```

```
*****
i=29677
k(29677)=0.99974412040603
kQ(29677)=0.99948830628642
r1= : 3.0985010832607E-12
rpunto1:= 6781489.2895627
rduepunti0 : = -2.1142456639206E+25
fil : = 488.0072370622
fipunto1 : = 1.2994822478054E+18
fi_gradi : = 27960.755055504
t1 : = 1.0808923194286E-14
tpunto1 : = 1.000968505187
tduepunti0 : = -3.9945420624614E+15
v=v_elettrone : = 7889677.5285225
x0= : -1.513778325034E-12
y0= : -2.7026384054726E-12
*****
i=29678
k(29678)=0.99974430742943
kQ(29678)=0.99948868023755
r1= : 3.0992964074634E-12
rpunto1:= 6779010.8449374
rduepunti0 : = -2.1132948832179E+25
fil : = 488.00738946378
fipunto1 : = 1.2988151448062E+18
fi_gradi : = 27960.763787472
t1 : = 1.0808923311678E-14
tpunto1 : = 1.0009680371244
tduepunti0 : = -3.9910286802775E+15
v=v_elettrone : = 7887016.8627166
x0= : -1.5137549025264E-12
y0= : -2.7035634000417E-12
*****
i=29679
k(29679)=0.999744449430042
kQ(29679)=0.99948905388401
r1= : 3.1000914409974E-12
rpunto1:= 6776533.5142312
rduepunti0 : = -2.1123450780693E+25
fil : = 488.00754178712
fipunto1 : = 1.2981487989917E+18
fi_gradi : = 27960.772514956
t1 : = 1.080892342907E-14
tpunto1 : = 1.0009675694733
tduepunti0 : = -3.9875197878488E+15
v=v_elettrone : = 7884357.6387737
x0= : -1.5137313029208E-12
y0= : -2.7044880779684E-12
*****
i=29680
k(29680)=0.99974468101918
kQ(29680)=0.99948942722615
r1= : 3.1008861839933E-12
rpunto1:= 6774057.2963015
rduepunti0 : = -2.1113962470922E+25
fil : = 488.00769403232
fipunto1 : = 1.297483209163E+18
fi_gradi : = 27960.781237964
t1 : = 1.0808923546462E-14
tpunto1 : = 1.0009671022332
tduepunti0 : = -3.9840153772376E+15
v=v_elettrone : = 7881699.8547554
x0= : -1.5137075263563E-12
y0= : -2.7054124393884E-12
```

```
*****
i=29681
k(29681)=0.99974486758589
kQ(29681)=0.99948980026434
r1= : 3.1016806365815E-12
rpunto1: = 6771582.1900076
rduerpunti0 : = -2.1104483889067E+25
fil : = 488.00784619945
fipunto1 : = 1.2968183741239E+18
fi_gradi : = 27960.789956498
t1 : = 1.0808923663854E-14
tpunto1 : = 1.0009666354035
tduerpunti0 : = -3.9805154405242E+15
v=v_elettrone : = 7879043.509512
x0= : -1.5136835729717E-12
y0= : -2.7063364844372E-12
*****
i=29682
k(29682)=0.99974505400073
kQ(29682)=0.99949017299892
r1= : 3.1024747988926E-12
rpunto1: = 6769108.1942101
rduerpunti0 : = -2.1095015021354E+25
fil : = 488.00799828862
fipunto1 : = 1.2961542926805E+18
fi_gradi : = 27960.798670565
t1 : = 1.0808923781247E-14
tpunto1 : = 1.0009661689838
tduerpunti0 : = -3.9770199698065E+15
v=v_elettrone : = 7876388.6010994
x0= : -1.5136594429057E-12
y0= : -2.7072602132502E-12
*****
i=29683
k(29683)=0.99974524026386
kQ(29683)=0.99949054543025
r1= : 3.1032686710566E-12
rpunto1: = 6766635.3077713
rduerpunti0 : = -2.1085555854035E+25
fil : = 488.0081502999
fipunto1 : = 1.2954909636416E+18
fi_gradi : = 27960.80738017
t1 : = 1.0808923898639E-14
tpunto1 : = 1.0009657029735
tduerpunti0 : = -3.9735289572E+15
v=v_elettrone : = 7873735.127584
x0= : -1.5136351362968E-12
y0= : -2.7081836259625E-12
*****
i=29684
k(29684)=0.99974542637548
kQ(29684)=0.99949091755869
r1= : 3.1040622532038E-12
rpunto1: = 6764163.5295553
rduerpunti0 : = -2.1076106373386E+25
fil : = 488.00830223339
fipunto1 : = 1.2948283858184E+18
fi_gradi : = 27960.816085318
t1 : = 1.080892401603E-14
tpunto1 : = 1.0009652373721
tduerpunti0 : = -3.9700423948378E+15
v=v_elettrone : = 7871083.0885724
x0= : -1.5136106532835E-12
y0= : -2.7091067227092E-12
```

```
*****
i=29685
k(29685)=0.99974561233575
kQ(29685)=0.99949128938458
r1= : 3.104855545464E-12
rpunto1: = 6761692.8584276
rduepunti0 : = -2.106666656571E+25
fil : = 488.00845408917
fipunto1 : = 1.2941665580243E+18
fi_gradi : = 27960.824786013
t1 : = 1.0808924133422E-14
tpunto1 : = 1.0009647721791
tduepunti0 : = -3.9665602748702E+15
v=v_elettrone : = 7868432.4821189
x0= : -1.5135859940038E-12
y0= : -2.7100295036254E-12
*****
i=29686
k(29686)=0.99974579814485
kQ(29686)=0.99949166090829
r1= : 3.1056485479671E-12
rpunto1: = 6759223.2932554
rduepunti0 : = -2.1057236417335E+25
fil : = 488.00860586733
fipunto1 : = 1.2935054790756E+18
fi_gradi : = 27960.833482261
t1 : = 1.0808924250814E-14
tpunto1 : = 1.000964307394
tduepunti0 : = -3.9630825894655E+15
v=v_elettrone : = 7865783.3070641
x0= : -1.5135611585957E-12
y0= : -2.7109519688458E-12
*****
i=29687
k(29687)=0.99974598380297
kQ(29687)=0.99949203213016
r1= : 3.1064412608429E-12
rpunto1: = 6756754.8329075
rduepunti0 : = -2.1047815914612E+25
fil : = 488.00875756796
fipunto1 : = 1.2928451477906E+18
fi_gradi : = 27960.842174067
t1 : = 1.0808924368206E-14
tpunto1 : = 1.0009638430162
tduepunti0 : = -3.9596093308088E+15
v=v_elettrone : = 7863135.5606837
x0= : -1.5135361471969E-12
y0= : -2.7118741185053E-12
*****
i=29688
k(29688)=0.99974616931027
kQ(29688)=0.99949240305055
r1= : 3.1072336842209E-12
rpunto1: = 6754287.4762542
rduepunti0 : = -2.103840504392E+25
fil : = 488.00890919115
fipunto1 : = 1.2921855629904E+18
fi_gradi : = 27960.850861436
t1 : = 1.0808924485598E-14
tpunto1 : = 1.0009633790452
tduepunti0 : = -3.9561404911031E+15
v=v_elettrone : = 7860489.2425917
x0= : -1.5135109599452E-12
y0= : -2.7127959527382E-12
```

```
*****
i=29689
k(29689)=0.99974635466693
kQ(29689)=0.99949277366981
r1= : 3.1080258182305E-12
rpunto1:= 6751821.2221674
rduepunti0 := -2.1029003791661E+25
fil := 488.00906073699
fipunto1 := 1.2915267234983E+18
fi_gradi := 27960.859544373
t1 := 1.0808924602989E-14
tpunto1 := 1.0009629154805
tduepunti0 := -3.9526760625684E+15
v=v_elettrone := 7857844.3508204
x0= : -1.5134855969781E-12
y0= : -2.7137174716791E-12
*****
i=29690
k(29690)=0.99974653987312
kQ(29690)=0.99949314398828
r1= : 3.108817663001E-12
rpunto1:= 6749356.0695208
rduepunti0 := -2.1019612144265E+25
fil := 488.00921220556
fipunto1 := 1.2908686281402E+18
fi_gradi := 27960.868222883
t1 := 1.0808924720381E-14
tpunto1 := 1.0009624523216
tduepunti0 := -3.9492160374421E+15
v=v_elettrone := 7855200.8842162
x0= : -1.5134600584329E-12
y0= : -2.7146386754623E-12
*****
i=29691
k(29691)=0.99974672492903
kQ(29691)=0.99949351400632
r1= : 3.1096092186617E-12
rpunto1:= 6746892.0171894
rduepunti0 := -2.1010230088183E+25
fil := 488.00936359694
fipunto1 := 1.2902112757441E+18
fi_gradi := 27960.87689697
t1 := 1.0808924837773E-14
tpunto1 := 1.000961989568
tduepunti0 := -3.9457604079788E+15
v=v_elettrone := 7852558.8415895
x0= : -1.5134343444466E-12
y0= : -2.7155595642218E-12
*****
i=29692
k(29692)=0.99974690983483
kQ(29692)=0.99949388372428
r1= : 3.1104004853415E-12
rpunto1:= 6744429.0640501
rduepunti0 := -2.1000857609893E+25
fil := 488.00951491123
fipunto1 := 1.2895546651409E+18
fi_gradi := 27960.88556664
t1 := 1.0808924955164E-14
tpunto1 := 1.0009615272191
tduepunti0 := -3.9423091664501E+15
v=v_elettrone := 7849918.2202205
x0= : -1.5134084551561E-12
y0= : -2.7164801380919E-12
```

```
*****
i=29693
k(29693)=0.99974709459068
kQ(29693)=0.99949425314251
r1= : 3.1111914631694E-12
rpunto1 : = 6741967.2089811
rduepunti0 : = -2.09914946959E+25
fil : = 488.00966614852
fipunto1 : = 1.2888987951635E+18
fi_gradi : = 27960.894231899
t1 : = 1.0808925072556E-14
tpunto1 : = 1.0009610652745
tduepunti0 : = -3.9388623051451E+15
v=v_elettrone : = 7847279.0189406
x0= : -1.5133823906983E-12
y0= : -2.7174003972063E-12
*****
i=29694
k(29694)=0.99974727919677
kQ(29694)=0.99949462226135
r1= : 3.1119821522742E-12
rpunto1 : = 6739506.4508623
rduepunti0 : = -2.0982141332729E+25
fil : = 488.00981730889
fipunto1 : = 1.2882436646474E+18
fi_gradi : = 27960.90289275
t1 : = 1.0808925189947E-14
tpunto1 : = 1.0009606037336
tduepunti0 : = -3.9354198163697E+15
v=v_elettrone : = 7844641.2373253
x0= : -1.51335615121E-12
y0= : -2.7183203416987E-12
*****
i=29695
k(29695)=0.99974746365328
kQ(29695)=0.99949499108116
r1= : 3.1127725527844E-12
rpunto1 : = 6737046.7885752
rduepunti0 : = -2.0972797506934E+25
fil : = 488.00996839242
fipunto1 : = 1.2875892724305E+18
fi_gradi : = 27960.911549198
t1 : = 1.0808925307338E-14
tpunto1 : = 1.0009601425959
tduepunti0 : = -3.9319816924469E+15
v=v_elettrone : = 7842004.8726562
x0= : -1.5133297368274E-12
y0= : -2.7192399717029E-12
*****
i=29696
k(29696)=0.99974764796036
kQ(29696)=0.99949535960227
r1= : 3.1135626648287E-12
rpunto1 : = 6734588.2210028
rduepunti0 : = -2.0963463205091E+25
fil : = 488.01011939921
fipunto1 : = 1.2869356173529E+18
fi_gradi : = 27960.92020125
t1 : = 1.080892542473E-14
tpunto1 : = 1.000959681861
tduepunti0 : = -3.9285479257167E+15
v=v_elettrone : = 7839369.9237459
x0= : -1.513303147687E-12
y0= : -2.7201592873523E-12
```



```
*****
i=29697
k(29697)=0.9997478321182
kQ(29697)=0.99949572782505
r1= : 3.1143524885354E-12
rpunto1: = 6732130.7470297
rduepunti0 : = -2.0954138413803E+25
fil : = 488.01027032934
fipunto1 : = 1.2862826982573E+18
fi_gradi : = 27960.928848909
t1 : = 1.0808925542121E-14
tpunto1 : = 1.0009592215282
tduepunti0 : = -3.9251185085362E+15
v=v_elettrone : = 7836736.390184
x0= : -1.5132763839248E-12
y0= : -2.7210782887801E-12
*****
i=29698
k(29698)=0.99974801612698
kQ(29698)=0.99949609574983
r1= : 3.1151420240327E-12
rpunto1: = 6729674.3655422
rduepunti0 : = -2.0944823119696E+25
fil : = 488.01042118289
fipunto1 : = 1.2856305139888E+18
fi_gradi : = 27960.937492181
t1 : = 1.0808925659512E-14
tpunto1 : = 1.0009587615971
tduepunti0 : = -3.9216934332791E+15
v=v_elettrone : = 7834104.2684732
x0= : -1.5132494456767E-12
y0= : -2.7219969761199E-12
*****
i=29699
k(29699)=0.99974819998685
kQ(29699)=0.99949646337695
r1= : 3.1159312714489E-12
rpunto1: = 6727219.0754279
rduepunti0 : = -2.093551730942E+25
fil : = 488.01057195996
fipunto1 : = 1.2849790633946E+18
fi_gradi : = 27960.946131071
t1 : = 1.0808925776903E-14
tpunto1 : = 1.0009583020672
tduepunti0 : = -3.9182726923363E+15
v=v_elettrone : = 7831473.558952
x0= : -1.5132223330787E-12
y0= : -2.7229153495044E-12
*****
i=29700
k(29700)=0.999748383698
kQ(29700)=0.99949683070677
r1= : 3.1167202309118E-12
rpunto1: = 6724764.8755762
rduepunti0 : = -2.0926220969652E+25
fil : = 488.01072266062
fipunto1 : = 1.2843283453245E+18
fi_gradi : = 27960.954765583
t1 : = 1.0808925894294E-14
tpunto1 : = 1.000957842938
tduepunti0 : = -3.9148562781152E+15
v=v_elettrone : = 7828844.259672
x0= : -1.5131950462662E-12
y0= : -2.7238334090668E-12
```

```
*****
i=29701
k(29701)=0.99974856726061
kQ(29701)=0.99949719773963
r1= : 3.1175089025494E-12
rpunto1:= 6722311.764878
rduepunti0 := -2.091693408709E+25
fil := 488.01087328497
fipunto1 := 1.2836783586306E+18
fi_gradi := 27960.963395723
t1 := 1.0808926011685E-14
tpunto1 := 1.0009573842089
tduepunti0 := -3.9114441830402E+15
v=v_elettrone := 7826216.3686739
x0= : -1.5131675853746E-12
y0= : -2.7247511549399E-12
*****
i=29702
k(29702)=0.99974875067483
kQ(29702)=0.99949756447588
r1= : 3.1182972864893E-12
rpunto1:= 6719859.7422256
rduepunti0 := -2.090765664846E+25
fil := 488.01102383309
fipunto1 := 1.2830291021675E+18
fi_gradi := 27960.972021494
t1 := 1.0808926129076E-14
tpunto1 := 1.0009569258795
tduepunti0 := -3.9080363995523E+15
v=v_elettrone := 7823589.8847546
x0= : -1.5131399505394E-12
y0= : -2.7256685872564E-12
*****
i=29703
k(29703)=0.99974893394084
kQ(29703)=0.99949793091584
r1= : 3.1190853828593E-12
rpunto1:= 6717408.8065131
rduepunti0 := -2.0898388640509E+25
fil := 488.01117430507
fipunto1 := 1.2823805747917E+18
fi_gradi := 27960.980642904
t1 := 1.0808926246467E-14
tpunto1 := 1.0009564679493
tduepunti0 := -3.9046329201092E+15
v=v_elettrone := 7820964.8059487
x0= : -1.5131121418955E-12
y0= : -2.7265857061488E-12
*****
i=29704
k(29704)=0.99974911705882
kQ(29704)=0.99949829705988
r1= : 3.1198731917867E-12
rpunto1:= 6714958.956636
rduepunti0 := -2.0889130050011E+25
fil := 488.01132470099
fipunto1 := 1.2817327753627E+18
fi_gradi := 27960.989259955
t1 := 1.0808926363858E-14
tpunto1 := 1.0009560104177
tduepunti0 := -3.9012337371853E+15
v=v_elettrone := 7818341.1318417
x0= : -1.5130841595781E-12
y0= : -2.7275025117496E-12
```

```
*****
i=29705
k(29705)=0.99974930002893
kQ(29705)=0.99949866290833
r1= : 3.1206607133989E-12
rpunto1 : = 6712510.1914914
rduepunti0 : = -2.0879880863762E+25
fil : = 488.01147502093
fipunto1 : = 1.2810857027417E+18
fi_gradi : = 27960.997872653
t1 : = 1.0808926481249E-14
tpunto1 : = 1.0009555532842
tduepunti0 : = -3.8978388432716E+15
v=v_elettrone : = 7815718.859682
x0= : -1.5130560037218E-12
y0= : -2.728419004191E-12
*****
i=29706
k(29706)=0.99974948285135
kQ(29706)=0.99949902846154
r1= : 3.1214479478231E-12
rpunto1 : = 6710062.5099779
rduepunti0 : = -2.0870641068585E+25
fil : = 488.01162526499
fipunto1 : = 1.2804393557926E+18
fi_gradi : = 27961.006481004
t1 : = 1.080892659864E-14
tpunto1 : = 1.0009550965484
tduepunti0 : = -3.8944482308754E+15
v=v_elettrone : = 7813097.9890498
x0= : -1.5130276744613E-12
y0= : -2.7293351836052E-12
*****
i=29707
k(29707)=0.99974966552624
kQ(29707)=0.99949939371983
r1= : 3.1222348951865E-12
rpunto1 : = 6707615.9109956
rduepunti0 : = -2.0861410651323E+25
fil : = 488.01177543324
fipunto1 : = 1.2797937333816E+18
fi_gradi : = 27961.015085011
t1 : = 1.080892671603E-14
tpunto1 : = 1.0009546402098
tduepunti0 : = -3.8910618925209E+15
v=v_elettrone : = 7810478.5187463
x0= : -1.512999171931E-12
y0= : -2.7302510501243E-12
*****
i=29708
k(29708)=0.99974984805379
kQ(29708)=0.99949975868357
r1= : 3.1230215556159E-12
rpunto1 : = 6705170.3934464
rduepunti0 : = -2.0852189598848E+25
fil : = 488.01192552578
fipunto1 : = 1.2791488343771E+18
fi_gradi : = 27961.02368468
t1 : = 1.0808926833421E-14
tpunto1 : = 1.0009541842678
tduepunti0 : = -3.8876798207485E+15
v=v_elettrone : = 7807860.4460235
x0= : -1.5129704962652E-12
y0= : -2.7311666038803E-12
```

```
*****
i=29709
k(29709)=0.99975003043415
kQ(29709)=0.99950012335308
r1= : 3.1238079292382E-12
rpunto1:= 6702725.9562333
rduepunti0 := -2.0842977898051E+25
fil := 488.01207554268
fipunto1 := 1.2785046576499E+18
fi_gradi := 27961.032280015
t1 := 1.0808926950812E-14
tpunto1 := 1.0009537287219
tduepunti0 := -3.8843020081151E+15
v=v_elettrone := 7805243.7704508
x0= : -1.512941647598E-12
y0= : -2.7320818450048E-12
*****
i=29710
k(29710)=0.99975021266749
kQ(29710)=0.9995004877287
r1= : 3.1245940161801E-12
rpunto1:= 6700282.5982613
rduepunti0 := -2.083377553585E+25
fil := 488.01222548404
fipunto1 := 1.277861202073E+18
fi_gradi := 27961.040871022
t1 := 1.0808927068202E-14
tpunto1 := 1.0009532735717
tduepunti0 := -3.8809284471938E+15
v=v_elettrone := 7802628.4900558
x0= : -1.5129126260634E-12
y0= : -2.7329967736295E-12
*****
i=29711
k(29711)=0.999750394754
kQ(29711)=0.99950085181078
r1= : 3.1253798165682E-12
rpunto1:= 6697840.3184366
rduepunti0 := -2.0824582499187E+25
fil := 488.01237534993
fipunto1 := 1.2772184665219E+18
fi_gradi := 27961.049457705
t1 := 1.0808927185593E-14
tpunto1 := 1.0009528188166
tduepunti0 := -3.8775591305743E+15
v=v_elettrone := 7800014.6028556
x0= : -1.5128834317951E-12
y0= : -2.733911389886E-12
*****
i=29712
k(29712)=0.99975057669383
kQ(29712)=0.99950121559965
r1= : 3.1261653305289E-12
rpunto1:= 6695399.1156671
rduepunti0 := -2.0815398775026E+25
fil := 488.01252514045
fipunto1 := 1.2765764498742E+18
fi_gradi := 27961.05804007
t1 := 1.0808927302983E-14
tpunto1 := 1.0009523644562
tduepunti0 := -3.8741940508623E+15
v=v_elettrone := 7797402.1091917
x0= : -1.5128540649269E-12
y0= : -2.7348256939055E-12
```

```
*****
i=29713
k(29713)=0.99975075848716
kQ(29713)=0.99950157909565
r1= : 3.1269505581885E-12
rpunto1:= 6692958.9888622
rduepunti0 : = -2.0806224350357E+25
fil : = 488.01267485566
fipunto1 : = 1.2759351510099E+18
fi_gradi : = 27961.06661812
t1 : = 1.0808927420373E-14
tpunto1 : = 1.0009519104899
tduepunti0 : = -3.8708332006801E+15
v=v_elettrone : = 7794791.0055376
x0= : -1.5128245255921E-12
y0= : -2.7357396858195E-12
*****
i=29714
k(29714)=0.99975094013415
kQ(29714)=0.99950194229912
r1= : 3.1277354996732E-12
rpunto1:= 6690519.9369326
rduepunti0 : = -2.0797059212192E+25
fil : = 488.01282449567
fipunto1 : = 1.2752945688112E+18
fi_gradi : = 27961.075191861
t1 : = 1.0808927537764E-14
tpunto1 : = 1.0009514569173
tduepunti0 : = -3.8674765726659E+15
v=v_elettrone : = 7792181.2922333
x0= : -1.5127948139241E-12
y0= : -2.7366533657589E-12
*****
i=29715
k(29715)=0.99975112163497
kQ(29715)=0.99950230521039
r1= : 3.1285201551091E-12
rpunto1:= 6688081.9587909
rduepunti0 : = -2.0787903347568E+25
fil : = 488.01297406055
fipunto1 : = 1.2746547021627E+18
fi_gradi : = 27961.083761297
t1 : = 1.0808927655154E-14
tpunto1 : = 1.0009510037379
tduepunti0 : = -3.8641241594741E+15
v=v_elettrone : = 7789572.9665182
x0= : -1.5127649300559E-12
y0= : -2.7375667338549E-12
*****
i=29716
k(29716)=0.9997513029898
kQ(29716)=0.9995026678298
r1= : 3.1293045246221E-12
rpunto1:= 6685645.053351
rduepunti0 : = -2.0778756743543E+25
fil : = 488.01312355039
fipunto1 : = 1.2740155499512E+18
fi_gradi : = 27961.092326434
t1 : = 1.0808927772544E-14
tpunto1 : = 1.0009505509511
tduepunti0 : = -3.8607759537754E+15
v=v_elettrone : = 7786966.0271779
x0= : -1.5127348741207E-12
y0= : -2.7384797902382E-12
```

```

*****
i=29717
k(29717)=0.9997514841988
kQ(29717)=0.9995030301577
r1= : 3.1300886083381E-12
rpunto1 : = 6683209.2195282
rduepunti0 : = -2.0769619387203E+25
fil : = 488.01327296527
fipunto1 : = 1.2733771110656E+18
fi_gradi : = 27961.100887276
t1 : = 1.0808927889934E-14
tpunto1 : = 1.0009500985566
tduepunti0 : = -3.8574319482562E+15
v=v_elettrone : = 7784360.4737792
x0= : -1.5127046462512E-12
y0= : -2.7393925350396E-12
*****
i=29718
k(29718)=0.99975166526213
kQ(29718)=0.9995033921944
r1= : 3.1308724063826E-12
rpunto1 : = 6680774.4562397
rduepunti0 : = -2.0760491265653E+25
fil : = 488.01342230527
fipunto1 : = 1.2727393843975E+18
fi_gradi : = 27961.109443828
t1 : = 1.0808928007325E-14
tpunto1 : = 1.0009496465537
tduepunti0 : = -3.8540921356194E+15
v=v_elettrone : = 7781756.303555
x0= : -1.5126742465799E-12
y0= : -2.7403049683898E-12
*****
i=29719
k(29719)=0.99975184617997
kQ(29719)=0.99950375394025
r1= : 3.1316559188813E-12
rpunto1 : = 6678340.7624037
rduepunti0 : = -2.0751372366025E+25
fil : = 488.01357157048
fipunto1 : = 1.2721023688403E+18
fi_gradi : = 27961.117996094
t1 : = 1.0808928124715E-14
tpunto1 : = 1.000949194942
tduepunti0 : = -3.8507565085835E+15
v=v_elettrone : = 7779153.5160773
x0= : -1.5126436752395E-12
y0= : -2.7412170904191E-12
*****
i=29720
k(29720)=0.99975202695248
kQ(29720)=0.99950411539558
r1= : 3.1324391459595E-12
rpunto1 : = 6675908.1369404
rduepunti0 : = -2.0742262675472E+25
fil : = 488.01372076099
fipunto1 : = 1.2714660632899E+18
fi_gradi : = 27961.12654408
t1 : = 1.0808928242105E-14
tpunto1 : = 1.000948743721
tduepunti0 : = -3.847425059883E+15
v=v_elettrone : = 7776552.1085544
x0= : -1.5126129323622E-12
y0= : -2.7421289012581E-12

```

```
*****
i=29721
k(29721)=0.99975220757982
kQ(29721)=0.99950447656073
r1= : 3.1332220877426E-12
rpunto1:= 6673476.5787712
rduepunti0 : = -2.0733162181172E+25
fil : = 488.01386987687
fipunto1 : = 1.2708304666444E+18
fi_gradi : = 27961.135087791
t1 : = 1.0808928359495E-14
tpunto1 : = 1.0009482928902
tduepunti0 : = -3.8440977822686E+15
v=v_elettrone : = 7773952.0813452
x0= : -1.5125820180803E-12
y0= : -2.7430404010367E-12
*****
i=29722
k(29722)=0.99975238806218
kQ(29722)=0.99950483743603
r1= : 3.1340047443558E-12
rpunto1:= 6671046.086819
rduepunti0 : = -2.0724070870325E+25
fil : = 488.0140189182
fipunto1 : = 1.270195577804E+18
fi_gradi : = 27961.143627231
t1 : = 1.0808928476885E-14
tpunto1 : = 1.0009478424492
tduepunti0 : = -3.8407746685065E+15
v=v_elettrone : = 7771353.4316589
x0= : -1.5125509325257E-12
y0= : -2.7439515898853E-12
*****
i=29723
k(29723)=0.9997525683997
kQ(29723)=0.9995051980218
r1= : 3.134787115924E-12
rpunto1:= 6668616.6600083
rduepunti0 : = -2.0714988730155E+25
fil : = 488.01416788508
fipunto1 : = 1.2695613956715E+18
fi_gradi : = 27961.152162404
t1 : = 1.0808928594274E-14
tpunto1 : = 1.0009473923974
tduepunti0 : = -3.8374557113789E+15
v=v_elettrone : = 7768756.1590641
x0= : -1.5125196758303E-12
y0= : -2.7448624679336E-12
*****
i=29724
k(29724)=0.99975274859257
kQ(29724)=0.99950555831839
r1= : 3.1355692025722E-12
rpunto1:= 6666188.2972652
rduepunti0 : = -2.070591574791E+25
fil : = 488.01431677758
fipunto1 : = 1.2689279191514E+18
fi_gradi : = 27961.160693316
t1 : = 1.0808928711664E-14
tpunto1 : = 1.0009469427344
tduepunti0 : = -3.8341409036837E+15
v=v_elettrone : = 7766160.2615593
x0= : -1.5124882481256E-12
y0= : -2.7457730353117E-12
```

```
*****
i=29725
k(29725)=0.99975292864093
kQ(29725)=0.99950591832612
r1= : 3.1363510044252E-12
rpunto1: = 6663760.997517
rduepunti0 : = -2.0696851910859E+25
fil : = 488.01446559579
fipunto1 : = 1.2682951471509E+18
fi_gradi : = 27961.169219971
t1 : = 1.0808928829054E-14
tpunto1 : = 1.0009464934596
tduepunti0 : = -3.8308302382346E+15
v=v_elettrone : = 7763565.7371428
x0= : -1.5124566495433E-12
y0= : -2.7466832921492E-12
*****
i=29726
k(29726)=0.99975310854497
kQ(29726)=0.99950627804533
r1= : 3.1371325216077E-12
rpunto1: = 6661334.7596927
rduepunti0 : = -2.0687797206296E+25
fil : = 488.01461433979
fipunto1 : = 1.2676630785791E+18
fi_gradi : = 27961.177742374
t1 : = 1.0808928946444E-14
tpunto1 : = 1.0009460445726
tduepunti0 : = -3.827523707861E+15
v=v_elettrone : = 7760972.5853651
x0= : -1.5124248802147E-12
y0= : -2.7475932385756E-12
*****
i=29727
k(29727)=0.99975328830484
kQ(29727)=0.99950663747634
r1= : 3.1379137542441E-12
rpunto1: = 6658909.5827228
rduepunti0 : = -2.0678751621538E+25
fil : = 488.01476300966
fipunto1 : = 1.2670317123476E+18
fi_gradi : = 27961.18626053
t1 : = 1.0808929063833E-14
tpunto1 : = 1.000945596073
tduepunti0 : = -3.8242213054077E+15
v=v_elettrone : = 7758380.804229
x0= : -1.5123929402711E-12
y0= : -2.7485028747205E-12
*****
i=29728
k(29728)=0.99975346792071
kQ(29728)=0.99950699661949
r1= : 3.138694702459E-12
rpunto1: = 6656485.4655392
rduepunti0 : = -2.0669715143923E+25
fil : = 488.01491160548
fipunto1 : = 1.2664010473699E+18
fi_gradi : = 27961.194774444
t1 : = 1.0808929181223E-14
tpunto1 : = 1.0009451479601
tduepunti0 : = -3.8209230237355E+15
v=v_elettrone : = 7755790.3932803
x0= : -1.5123608298435E-12
y0= : -2.749412200713E-12
```



```
*****
i=29729
k(29729)=0.99975364739275
kQ(29729)=0.99950735547511
r1= : 3.1394753663766E-12
rpunto1 : = 6654062.4070753
rduepunti0 : = -2.0660687760815E+25
fil : = 488.01506012734
fipunto1 : = 1.2657710825618E+18
fi_gradi : = 27961.20328412
t1 : = 1.0808929298612E-14
tpunto1 : = 1.0009447002336
tduepunti0 : = -3.8176288557206E+15
v=v_elettrone : = 7753201.3497459
x0= : -1.5123285490626E-12
y0= : -2.7503212166826E-12
*****
i=29730
k(29730)=0.99975382672112
kQ(29730)=0.99950771404352
r1= : 3.140255746121E-12
rpunto1 : = 6651640.406266
rduepunti0 : = -2.0651669459599E+25
fil : = 488.01520857532
fipunto1 : = 1.2651418168415E+18
fi_gradi : = 27961.211789562
t1 : = 1.0808929416002E-14
tpunto1 : = 1.0009442528929
tduepunti0 : = -3.8143387942545E+15
v=v_elettrone : = 7750613.673159
x0= : -1.5122960980593E-12
y0= : -2.7512299227582E-12
*****
i=29731
k(29731)=0.99975400590598
kQ(29731)=0.99950807232505
r1= : 3.1410358418164E-12
rpunto1 : = 6649219.4620476
rduepunti0 : = -2.0642660227682E+25
fil : = 488.0153569495
fipunto1 : = 1.2645132491291E+18
fi_gradi : = 27961.220290777
t1 : = 1.0808929533391E-14
tpunto1 : = 1.0009438059376
tduepunti0 : = -3.8110528322446E+15
v=v_elettrone : = 7748027.3615201
x0= : -1.5122634769641E-12
y0= : -2.7521383190688E-12
*****
i=29732
k(29732)=0.9997541849475
kQ(29732)=0.99950843032003
r1= : 3.1418156535866E-12
rpunto1 : = 6646799.573358
rduepunti0 : = -2.0633660052497E+25
fil : = 488.01550524996
fipunto1 : = 1.2638853783471E+18
fi_gradi : = 27961.228787767
t1 : = 1.0808929650781E-14
tpunto1 : = 1.0009433593672
tduepunti0 : = -3.8077709626134E+15
v=v_elettrone : = 7745442.4135939
x0= : -1.5122306859075E-12
y0= : -2.7530464057431E-12
```

```
*****
i=29733
k(29733)=0.99975436384584
kQ(29733)=0.99950878802879
r1= : 3.1425951815554E-12
rpunto1:= 6644380.7391364
rduepunti0 := -2.0624668921496E+25
fil := 488.01565347679
fipunto1 := 1.2632582034199E+18
fi_gradi := 27961.237280539
t1 := 1.080892976817E-14
tpunto1 := 1.0009429131812
tduepunti0 := -3.804493178299E+15
v=v_elettrone := 7742858.828149
x0= : -1.5121977250196E-12
y0= : -2.7539541829099E-12
*****
i=29734
k(29734)=0.99975454260116
kQ(29734)=0.99950914545166
r1= : 3.1433744258465E-12
rpunto1:= 6641962.9583238
rduepunti0 := -2.0615686822156E+25
fil := 488.01580163006
fipunto1 := 1.2626317232745E+18
fi_gradi := 27961.245769096
t1 := 1.0808929885559E-14
tpunto1 := 1.0009424673792
tduepunti0 := -3.8012194722548E+15
v=v_elettrone := 7740276.6039547
x0= : -1.5121645944307E-12
y0= : -2.7548616506978E-12
*****
i=29735
k(29735)=0.99975472121363
kQ(29735)=0.99950950258895
r1= : 3.1441533865834E-12
rpunto1:= 6639546.2298623
rduepunti0 := -2.0606713741977E+25
fil := 488.01594970986
fipunto1 := 1.2620059368397E+18
fi_gradi := 27961.254253443
t1 := 1.0808930002949E-14
tpunto1 := 1.0009420219606
tduepunti0 := -3.7979498374449E+15
v=v_elettrone := 7737695.7397711
x0= : -1.5121312942705E-12
y0= : -2.7557688092352E-12
*****
i=29736
k(29736)=0.99975489968342
kQ(29736)=0.999509859441
r1= : 3.1449320638895E-12
rpunto1:= 6637130.5526956
rduepunti0 := -2.059774966848E+25
fil := 488.01609771626
fipunto1 := 1.2613808430466E+18
fi_gradi := 27961.262733586
t1 := 1.0808930120338E-14
tpunto1 := 1.000941576925
tduepunti0 := -3.7946842668672E+15
v=v_elettrone := 7735116.2328039
x0= : -1.5120978246688E-12
y0= : -2.7566756586504E-12
```

```
*****
i=29737
k(29737)=0.99975507801068
kQ(29737)=0.99951021600814
r1= : 3.1457104578882E-12
rpunto1:= 6634715.9257689
rduepunti0 := -2.058879458921E+25
fil := 488.01624564936
fipunto1 := 1.2607564408285E+18
fi_gradi := 27961.271209528
t1 := 1.0808930237727E-14
tpunto1 := 1.0009411322718
tduepunti0 := -3.791422753507E+15
v=v_elettrone := 7732538.0833647
x0= : -1.5120641857554E-12
y0= : -2.7575821990716E-12
*****
i=29738
k(29738)=0.99975525619557
kQ(29738)=0.99951057229068
r1= : 3.1464885687026E-12
rpunto1:= 6632302.3480288
rduepunti0 := -2.0579848491732E+25
fil := 488.01639350923
fipunto1 := 1.2601327291207E+18
fi_gradi := 27961.279681274
t1 := 1.0808930355116E-14
tpunto1 := 1.0009406880008
tduepunti0 := -3.7881652903834E+15
v=v_elettrone := 7729961.2886702
x0= : -1.5120303776595E-12
y0= : -2.7584884306269E-12
*****
i=29739
k(29739)=0.99975543423827
kQ(29739)=0.99951092828895
r1= : 3.1472663964558E-12
rpunto1:= 6629889.8184235
rduepunti0 := -2.0570911363637E+25
fil := 488.01654129595
fipunto1 := 1.2595097068608E+18
fi_gradi := 27961.28814883
t1 := 1.0808930472505E-14
tpunto1 := 1.0009402441113
tduepunti0 := -3.784911870526E+15
v=v_elettrone := 7727385.8482509
x0= : -1.5119964005106E-12
y0= : -2.7593943534441E-12
*****
i=29740
k(29740)=0.99975561213892
kQ(29740)=0.99951128400327
r1= : 3.1480439412706E-12
rpunto1:= 6627478.3359023
rduepunti0 := -2.0561983192537E+25
fil := 488.0166890096
fipunto1 := 1.2588873729885E+18
fi_gradi := 27961.296612199
t1 := 1.0808930589894E-14
tpunto1 := 1.0009398006028
tduepunti0 := -3.7816624869796E+15
v=v_elettrone := 7724811.7608663
x0= : -1.5119622544379E-12
y0= : -2.7602999676511E-12
```

```
*****
i=29741
k(29741)=0.9997557898977
kQ(29741)=0.99951163943398
r1= : 3.1488212032699E-12
rpunto1:= 6625067.8994164
rduepunti0 : = -2.0553063966065E+25
fil : = 488.01683665027
fipunto1 : = 1.2582657264457E+18
fi_gradi : = 27961.305071386
t1 : = 1.0808930707283E-14
tpunto1 : = 1.000939357475
tduepunti0 : = -3.778417132804E+15
v=v_elettrone : = 7722239.0244925
x0= : -1.5119279395702E-12
y0= : -2.7612052733757E-12
*****
i=29742
k(29742)=0.99975596751476
kQ(29742)=0.99951199458138
r1= : 3.1495981825764E-12
rpunto1:= 6622658.5079182
rduepunti0 : = -2.0544153671877E+25
fil : = 488.01698421803
fipunto1 : = 1.2576447661762E+18
fi_gradi : = 27961.313526395
t1 : = 1.0808930824672E-14
tpunto1 : = 1.0009389147273
tduepunti0 : = -3.775175801074E+15
v=v_elettrone : = 7719667.6378858
x0= : -1.5118934560363E-12
y0= : -2.7621102707453E-12
*****
i=29743
k(29743)=0.99975614499027
kQ(29743)=0.99951234944581
r1= : 3.1503748793126E-12
rpunto1:= 6620250.1603615
rduepunti0 : = -2.0535252297653E+25
fil : = 488.01713171296
fipunto1 : = 1.2570244911261E+18
fi_gradi : = 27961.321977233
t1 : = 1.080893094206E-14
tpunto1 : = 1.0009384723593
tduepunti0 : = -3.7719384848796E+15
v=v_elettrone : = 7717097.5998
x0= : -1.511858803965E-12
y0= : -2.7630149598875E-12
*****
i=29744
k(29744)=0.99975632232439
kQ(29744)=0.99951270402758
r1= : 3.1511512936009E-12
rpunto1:= 6617842.8557016
rduepunti0 : = -2.0526359831093E+25
fil : = 488.01727913515
fipunto1 : = 1.2564049002437E+18
fi_gradi : = 27961.330423902
t1 : = 1.0808931059449E-14
tpunto1 : = 1.0009380303705
tduepunti0 : = -3.7687051773254E+15
v=v_elettrone : = 7714528.9082081
x0= : -1.5118239834848E-12
y0= : -2.7639193409295E-12
```

```
*****
i=29745
k(29745)=0.99975649951727
kQ(29745)=0.99951305832702
r1= : 3.1519274255637E-12
rpunto1: = 6615436.5928954
rduepunti0 : = -2.051747625992E+25
fil : = 488.01742648468
fipunto1 : = 1.2557859924792E+18
fi_gradi : = 27961.338866408
t1 : = 1.0808931176838E-14
tpunto1 : = 1.0009375887604
tduepunti0 : = -3.7654758715313E+15
v=v_elettrone : = 7711961.562639
x0= : -1.5117889947242E-12
y0= : -2.7648234139984E-12
*****
i=29746
k(29746)=0.99975667656908
kQ(29746)=0.99951341234444
r1= : 3.1527032753232E-12
rpunto1: = 6613031.370901
rduepunti0 : = -2.050860157188E+25
fil : = 488.01757376162
fipunto1 : = 1.2551677667852E+18
fi_gradi : = 27961.347304755
t1 : = 1.0808931294227E-14
tpunto1 : = 1.0009371475286
tduepunti0 : = -3.762250560632E+15
v=v_elettrone : = 7709395.5618486
x0= : -1.5117538378113E-12
y0= : -2.7657271792213E-12
*****
i=29747
k(29747)=0.99975685347997
kQ(29747)=0.99951376608017
r1= : 3.1534788430013E-12
rpunto1: = 6610627.188678
rduepunti0 : = -2.0499735754739E+25
fil : = 488.01772096605
fipunto1 : = 1.254550222116E+18
fi_gradi : = 27961.355738948
t1 : = 1.0808931411615E-14
tpunto1 : = 1.0009367066745
tduepunti0 : = -3.7590292377769E+15
v=v_elettrone : = 7706830.9038042
x0= : -1.511718512874E-12
y0= : -2.7666306367253E-12
*****
i=29748
k(29748)=0.99975703025011
kQ(29748)=0.99951411953453
r1= : 3.1542541287201E-12
rpunto1: = 6608224.0451876
rduepunti0 : = -2.0490878796287E+25
fil : = 488.01786809806
fipunto1 : = 1.2539333574284E+18
fi_gradi : = 27961.364168991
t1 : = 1.0808931529004E-14
tpunto1 : = 1.0009362661978
tduepunti0 : = -3.7558118961303E+15
v=v_elettrone : = 7704267.5872551
x0= : -1.5116830200404E-12
y0= : -2.7675337866372E-12
```

```
*****
i=29749
k(29749)=0.99975720687967
kQ(29749)=0.99951447270783
r1= : 3.1550291326014E-12
rpunto1: = 6605821.9393921
rduepunto10 : = -2.0482030684335E+25
fil : = 488.01801515773
fipunto1 : = 1.253317171681E+18
fi_gradi : = 27961.372594889
t1 : = 1.0808931646392E-14
tpunto1 : = 1.000935826098
tduepunto10 : = -3.7525985288713E+15
v=v_elettrone : = 7701705.6101515
x0= : -1.5116473594382E-12
y0= : -2.7684366290835E-12
*****
i=29750
k(29750)=0.99975738336878
kQ(29750)=0.9995148256004
r1= : 3.1558038547668E-12
rpunto1: = 6603420.8702556
rduepunto10 : = -2.0473191406716E+25
fil : = 488.01816214513
fipunto1 : = 1.2527016638347E+18
fi_gradi : = 27961.381016647
t1 : = 1.0808931763781E-14
tpunto1 : = 1.0009353863745
tduepunto10 : = -3.7493891291937E+15
v=v_elettrone : = 7699144.9728229
x0= : -1.511611531195E-12
y0= : -2.7693391641909E-12
*****
i=29751
k(29751)=0.99975755971763
kQ(29751)=0.99951517821255
r1= : 3.156578295338E-12
rpunto1: = 6601020.8367434
rduepunto10 : = -2.0464360951285E+25
fil : = 488.01830906034
fipunto1 : = 1.2520868328524E+18
fi_gradi : = 27961.389434269
t1 : = 1.0808931881169E-14
tpunto1 : = 1.000934947027
tduepunto10 : = -3.7461836903059E+15
v=v_elettrone : = 7696585.6724413
x0= : -1.5115755354383E-12
y0= : -2.7702413920858E-12
*****
i=29752
k(29752)=0.99975773592636
kQ(29752)=0.99951553054459
r1= : 3.1573524544364E-12
rpunto1: = 6598621.8378222
rduepunto10 : = -2.0455539305919E+25
fil : = 488.01845590345
fipunto1 : = 1.2514726776989E+18
fi_gradi : = 27961.397847759
t1 : = 1.0808931998557E-14
tpunto1 : = 1.0009345080549
tduepunto10 : = -3.7429822054312E+15
v=v_elettrone : = 7694027.7085309
x0= : -1.5115393722953E-12
y0= : -2.7711433128945E-12
```

```
*****
i=29753
k(29753)=0.99975791199513
kQ(29753)=0.99951588259686
r1= : 3.1581263321833E-12
rpunto1: = 6596223.8724602
rduepunti0 : = -2.0446726458517E+25
fil : = 488.01860267453
fipunto1 : = 1.2508591973415E+18
fi_gradi : = 27961.406257123
t1 : = 1.0808932115946E-14
tpunto1 : = 1.0009340694578
tduepunti0 : = -3.7397846678072E+15
v=v_elettrone : = 7691471.0790537
x0= : -1.5115030418931E-12
y0= : -2.7720449267433E-12
*****
i=29754
k(29754)=0.9997580879241
kQ(29754)=0.99951623436966
r1= : 3.1588999287E-12
rpunto1: = 6593826.9396271
rduepunti0 : = -2.0437922396999E+25
fil : = 488.01874937366
fipunto1 : = 1.2502463907491E+18
fi_gradi : = 27961.414662364
t1 : = 1.0808932233334E-14
tpunto1 : = 1.0009336312353
tduepunti0 : = -3.7365910706864E+15
v=v_elettrone : = 7688915.7827414
x0= : -1.5114665443587E-12
y0= : -2.7729462337582E-12
*****
i=29755
k(29755)=0.99975826371344
kQ(29755)=0.99951658586331
r1= : 3.1596732441075E-12
rpunto1: = 6591431.0382938
rduepunti0 : = -2.0429127109306E+25
fil : = 488.01889600093
fipunto1 : = 1.249634256893E+18
fi_gradi : = 27961.423063487
t1 : = 1.0808932350722E-14
tpunto1 : = 1.0009331933869
tduepunti0 : = -3.7334014073356E+15
v=v_elettrone : = 7686361.8191381
x0= : -1.5114298798191E-12
y0= : -2.7738472340651E-12
*****
i=29756
k(29756)=0.99975843936329
kQ(29756)=0.99951693707812
r1= : 3.1604462785269E-12
rpunto1: = 6589036.1674328
rduepunti0 : = -2.0420340583403E+25
fil : = 488.0190425564
fipunto1 : = 1.2490227947465E+18
fi_gradi : = 27961.431460497
t1 : = 1.080893246811E-14
tpunto1 : = 1.0009327559121
tduepunti0 : = -3.7302156710361E+15
v=v_elettrone : = 7683809.1853912
x0= : -1.5113930484007E-12
y0= : -2.77474792779E-12
```

```
*****
i=29757
k(29757)=0.99975861487382
kQ(29757)=0.99951728801442
r1= : 3.1612190320789E-12
rpunto1: = 6586642.3260179
rduepunti0 : = -2.0411562807275E+25
fil : = 488.01918904016
fipunto1 : = 1.2484120032846E+18
fi_gradi : = 27961.439853398
t1 : = 1.0808932585498E-14
tpunto1 : = 1.0009323188104
tduepunti0 : = -3.7270338550839E+15
v=v_elettrone : = 7681257.8810285
x0= : -1.5113560502303E-12
y0= : -2.7756483150584E-12
*****
i=29758
k(29758)=0.99975879024518
kQ(29758)=0.9995176386725
r1= : 3.1619915048843E-12
rpunto1: = 6584249.5130244
rduepunti0 : = -2.0402793768928E+25
fil : = 488.01933545229
fipunto1 : = 1.247801881485E+18
fi_gradi : = 27961.448242195
t1 : = 1.0808932702886E-14
tpunto1 : = 1.0009318820814
tduepunti0 : = -3.7238559527892E+15
v=v_elettrone : = 7678707.9048016
x0= : -1.5113188854341E-12
y0= : -2.776548395996E-12
*****
i=29759
k(29759)=0.99975896547753
kQ(29759)=0.9995179890527
r1= : 3.1627636970638E-12
rpunto1: = 6581857.7274288
rduepunti0 : = -2.0394033456391E+25
fil : = 488.01948179286
fipunto1 : = 1.2471924283268E+18
fi_gradi : = 27961.456626893
t1 : = 1.0808932820274E-14
tpunto1 : = 1.0009314457247
tduepunti0 : = -3.7206819574767E+15
v=v_elettrone : = 7676159.2554245
x0= : -1.5112815541384E-12
y0= : -2.7774481707283E-12
*****
i=29760
k(29760)=0.99975914057103
kQ(29760)=0.99951833915533
r1= : 3.1635356087378E-12
rpunto1: = 6579466.9682094
rduepunti0 : = -2.0385281857714E+25
fil : = 488.01962806196
fipunto1 : = 1.2465836427915E+18
fi_gradi : = 27961.465007495
t1 : = 1.0808932937662E-14
tpunto1 : = 1.0009310097398
tduepunti0 : = -3.7175118624853E+15
v=v_elettrone : = 7673611.9308536
x0= : -1.5112440564692E-12
y0= : -2.7783476393805E-12
```



```
*****
i=29761
k(29761)=0.99975931552583
kQ(29761)=0.99951868898069
r1= : 3.1643072400266E-12
rpunto1:= 6577077.2343454
rduepunti0 := -2.0376538960968E+25
fil := 488.01977425966
fipunto1 := 1.2459755238626E+18
fi_gradi := 27961.473384006
t1 := 1.080893305505E-14
tpunto1 := 1.0009305741262
tduepunti0 := -3.7143456611685E+15
v=v_elettrone := 7671065.9306133
x0= : -1.5112063925525E-12
y0= : -2.7792468020779E-12
*****
i=29762
k(29762)=0.9997594903421
kQ(29762)=0.99951903852909
r1= : 3.1650785910506E-12
rpunto1:= 6574688.5248178
rduepunti0 := -2.0367804754245E+25
fil := 488.01992038604
fipunto1 := 1.2453680705256E+18
fi_gradi := 27961.481756431
t1 := 1.0808933172438E-14
tpunto1 := 1.0009301388835
tduepunti0 := -3.7111833468938E+15
v=v_elettrone := 7668521.2526367
x0= : -1.5111685625139E-12
y0= : -2.7801456589457E-12
*****
i=29763
k(29763)=0.99975966501998
kQ(29763)=0.99951938780086
r1= : 3.1658496619299E-12
rpunto1:= 6572300.8386088
rduepunti0 := -2.0359079225659E+25
fil := 488.02006644118
fipunto1 := 1.2447612817679E+18
fi_gradi := 27961.490124774
t1 := 1.0808933289826E-14
tpunto1 := 1.0009297040111
tduepunti0 := -3.7080249130431E+15
v=v_elettrone := 7665977.8956598
x0= : -1.5111305664791E-12
y0= : -2.7810442101087E-12
*****
i=29764
k(29764)=0.99975983955963
kQ(29764)=0.9995197367963
r1= : 3.1666204527844E-12
rpunto1:= 6569914.174702
rduepunti0 := -2.0350362363345E+25
fil := 488.02021242516
fipunto1 := 1.2441551565791E+18
fi_gradi := 27961.49848904
t1 := 1.0808933407214E-14
tpunto1 := 1.0009292695088
tduepunti0 := -3.7048703530124E+15
v=v_elettrone := 7663435.8584161
x0= : -1.5110924045737E-12
y0= : -2.7819424556919E-12
```

```
*****
i=29765
k(29765)=0.99976001396122
kQ(29765)=0.99952008551573
r1= : 3.1673909637341E-12
rpunto1 : = 6567528.5320824
rduepunti0 : = -2.0341654155459E+25
fil : = 488.02035833805
fipunto1 : = 1.2435496939506E+18
fi_gradi : = 27961.506849232
t1 : = 1.0808933524601E-14
tpunto1 : = 1.0009288353759
tduepunti0 : = -3.7017196602119E+15
v=v_elettrone : = 7660895.1404162
x0= : -1.511054076923E-12
y0= : -2.7828403958198E-12
*****
i=29766
k(29766)=0.99976018822488
kQ(29766)=0.99952043395945
r1= : 3.1681611948988E-12
rpunto1 : = 6565143.9097365
rduepunti0 : = -2.033295459018E+25
fil : = 488.02050417994
fipunto1 : = 1.2429448928762E+18
fi_gradi : = 27961.515205357
t1 : = 1.0808933641989E-14
tpunto1 : = 1.0009284016122
tduepunti0 : = -3.6985728280661E+15
v=v_elettrone : = 7658355.7388031
x0= : -1.511015583652E-12
y0= : -2.7837380306173E-12
*****
i=29767
k(29767)=0.99976036235079
kQ(29767)=0.99952078212778
r1= : 3.168931146398E-12
rpunto1 : = 6562760.306652
rduepunti0 : = -2.0324263655705E+25
fil : = 488.02064995089
fipunto1 : = 1.2423407523512E+18
fi_gradi : = 27961.523557417
t1 : = 1.0808933759376E-14
tpunto1 : = 1.000927968217
tduepunti0 : = -3.6954298500132E+15
v=v_elettrone : = 7655817.6538931
x0= : -1.5109769248858E-12
y0= : -2.7846353602087E-12
*****
i=29768
k(29768)=0.99976053633909
kQ(29768)=0.99952113002102
r1= : 3.1697008183514E-12
rpunto1 : = 6560377.7218182
rduepunti0 : = -2.0315581340254E+25
fil : = 488.02079565099
fipunto1 : = 1.2417372713732E+18
fi_gradi : = 27961.531905418
t1 : = 1.0808933876764E-14
tpunto1 : = 1.0009275351899
tduepunti0 : = -3.6922907195059E+15
v=v_elettrone : = 7653280.8828262
x0= : -1.5109381007492E-12
y0= : -2.7855323847185E-12
```

```

*****
i=29769
k(29769)=0.99976071018993
kQ(29769)=0.99952147763948
r1= : 3.1704702108784E-12
rpunto1 : = 6557996.1542255
rduepunti0 : = -2.0306907632067E+25
fil : = 488.02094128031
fipunto1 : = 1.2411344489418E+18
fi_gradi : = 27961.540249364
t1 : = 1.0808933994151E-14
tpunto1 : = 1.0009271025306
tduepunti0 : = -3.6891554300107E+15
v=v_elettrone : = 7650745.4251118
x0= : -1.5108991113671E-12
y0= : -2.7864291042709E-12
*****
i=29770
k(29770)=0.99976088390349
kQ(29770)=0.99952182498348
r1= : 3.1712393240983E-12
rpunto1 : = 6555615.6028659
rduepunti0 : = -2.0298242519408E+25
fil : = 488.02108683894
fipunto1 : = 1.2405322840585E+18
fi_gradi : = 27961.548589259
t1 : = 1.0808934111539E-14
tpunto1 : = 1.0009266702385
tduepunti0 : = -3.686023975008E+15
v=v_elettrone : = 7648211.2786838
x0= : -1.5108599568639E-12
y0= : -2.78732551899E-12
*****
i=29771
k(29771)=0.9997610574799
kQ(29771)=0.99952217205332
r1= : 3.1720081581301E-12
rpunto1 : = 6553236.0667327
rduepunti0 : = -2.0289585990557E+25
fil : = 488.02123232694
fipunto1 : = 1.2399307757268E+18
fi_gradi : = 27961.556925107
t1 : = 1.0808934228926E-14
tpunto1 : = 1.0009262383133
tduepunti0 : = -3.6828963479923E+15
v=v_elettrone : = 7645678.4438428
x0= : -1.5108206373642E-12
y0= : -2.7882216289997E-12
*****
i=29772
k(29772)=0.99976123091932
kQ(29772)=0.99952251884931
r1= : 3.1727767130932E-12
rpunto1 : = 6550857.5448205
rduepunti0 : = -2.0280938033819E+25
fil : = 488.02137774441
fipunto1 : = 1.2393299229522E+18
fi_gradi : = 27961.565256914
t1 : = 1.0808934346313E-14
tpunto1 : = 1.0009258067543
tduepunti0 : = -3.679772542472E+15
v=v_elettrone : = 7643146.9177311
x0= : -1.510781152992E-12
y0= : -2.7891174344241E-12

```

```
*****
i=29773
k(29773)=0.9997614042219
kQ(29773)=0.99952286537175
r1= : 3.1735449891062E-12
rpunto1:= 6548480.0361255
rduepunti0 : = -2.0272298637518E+25
fil : = 488.0215230914
fipunto1 : = 1.2387297247421E+18
fi_gradi : = 27961.573584683
t1 : = 1.0808934463701E-14
tpunto1 : = 1.0009253755613
tduepunti0 : = -3.6766525519692E+15
v=v_elettrone : = 7640616.6990653
x0= : -1.5107415038716E-12
y0= : -2.7900129353868E-12
*****
i=29774
k(29774)=0.99976157738781
kQ(29774)=0.99952321162096
r1= : 3.1743129862882E-12
rpunto1:= 6546103.539645
rduepunti0 : = -2.0263667789999E+25
fil : = 488.021668368
fipunto1 : = 1.238130180106E+18
fi_gradi : = 27961.58190842
t1 : = 1.0808934581088E-14
tpunto1 : = 1.0009249447338
tduepunti0 : = -3.6735363700202E+15
v=v_elettrone : = 7638087.7873455
x0= : -1.5107016901271E-12
y0= : -2.7909081320116E-12
*****
i=29775
k(29775)=0.99976175041719
kQ(29775)=0.99952355759724
r1= : 3.1750807047577E-12
rpunto1:= 6543728.0543777
rduepunti0 : = -2.0255045479628E+25
fil : = 488.02181357429
fipunto1 : = 1.2375312880553E+18
fi_gradi : = 27961.590228127
t1 : = 1.0808934698475E-14
tpunto1 : = 1.0009245142713
tduepunti0 : = -3.6704239901747E+15
v=v_elettrone : = 7635560.1805064
x0= : -1.5106617118821E-12
y0= : -2.7918030244218E-12
*****
i=29776
k(29776)=0.99976192331019
kQ(29776)=0.99952390330089
r1= : 3.1758481446334E-12
rpunto1:= 6541353.5793239
rduepunti0 : = -2.0246431694792E+25
fil : = 488.02195871035
fipunto1 : = 1.2369330476034E+18
fi_gradi : = 27961.598543811
t1 : = 1.0808934815862E-14
tpunto1 : = 1.0009240841733
tduepunti0 : = -3.6673154059964E+15
v=v_elettrone : = 7633033.8780497
x0= : -1.5106215692605E-12
y0= : -2.7926976127411E-12
```

```

*****
i=29777
k(29777)=0.99976209606697
kQ(29777)=0.99952424873222
r1= : 3.1766153060338E-12
rpunto1:= 6538980.1134851
rduepunti0 := -2.0237826423898E+25
fil := 488.02210377624
fipunto1 := 1.2363354577654E+18
fi_gradi := 27961.606855474
t1 := 1.0808934933249E-14
tpunto1 := 1.0009236544395
tduepunti0 := -3.6642106110626E+15
v=v_elettrone := 7630508.8779037
x0= : -1.5105812623857E-12
y0= : -2.7935918970925E-12
*****
i=29778
k(29778)=0.99976226868768
kQ(29778)=0.99952459389154
r1= : 3.1773821890773E-12
rpunto1:= 6536607.655864
rduepunti0 := -2.0229229655374E+25
fil := 488.02224877204
fipunto1 := 1.2357385175588E+18
fi_gradi := 27961.615163122
t1 := 1.0808935050636E-14
tpunto1 := 1.0009232250693
tduepunti0 := -3.6611095989646E+15
v=v_elettrone := 7627985.1795577
x0= : -1.510540791381E-12
y0= : -2.7944858775994E-12
*****
i=29779
k(29779)=0.99976244117248
kQ(29779)=0.99952493877915
r1= : 3.178148793882E-12
rpunto1:= 6534236.2054649
rduepunti0 := -2.0220641377668E+25
fil := 488.02239369784
fipunto1 := 1.2351422260027E+18
fi_gradi := 27961.623466758
t1 := 1.0808935168023E-14
tpunto1 := 1.0009227960624
tduepunti0 := -3.658012363307E+15
v=v_elettrone := 7625462.7801528
x0= : -1.5105001563698E-12
y0= : -2.7953795543848E-12
*****
i=29780
k(29780)=0.99976261352151
kQ(29780)=0.99952528339536
r1= : 3.1789151205661E-12
rpunto1:= 6531865.7612933
rduepunti0 := -2.021206157925E+25
fil := 488.02253855371
fipunto1 := 1.2345465821183E+18
fi_gradi := 27961.631766388
t1 := 1.080893528541E-14
tpunto1 := 1.0009223674183
tduepunti0 := -3.6549188977081E+15
v=v_elettrone := 7622941.6799772
x0= : -1.5104593574752E-12
y0= : -2.7962729275714E-12

```

```

*****
i=29781
k(29781)=0.99976278573493
kQ(29781)=0.99952562774046
r1= : 3.1796811692476E-12
rpunto1: = 6529496.3223562
rduepunti0 : = -2.0203490248608E+25
fil : = 488.02268333972
fipunto1 : = 1.2339515849286E+18
fi_gradi : = 27961.640062015
t1 : = 1.0808935402797E-14
tpunto1 : = 1.0009219391365
tduepunti0 : = -3.6518291958E+15
v=v_elettrone : = 7620421.8777413
x0= : -1.5104183948201E-12
y0= : -2.7971659972823E-12
*****
i=29782
k(29782)=0.99976295781288
kQ(29782)=0.99952597181477
r1= : 3.1804469400444E-12
rpunto1: = 6527127.8876618
rduepunti0 : = -2.0194927374254E+25
fil : = 488.02282805595
fipunto1 : = 1.2333572334587E+18
fi_gradi : = 27961.648353645
t1 : = 1.0808935520184E-14
tpunto1 : = 1.0009215112167
tduepunti0 : = -3.6487432512281E+15
v=v_elettrone : = 7617903.370569
x0= : -1.5103772685273E-12
y0= : -2.7980587636402E-12
*****
i=29783
k(29783)=0.99976312975553
kQ(29783)=0.99952631561857
r1= : 3.1812124330742E-12
rpunto1: = 6524760.4562198
rduepunti0 : = -2.0186372944717E+25
fil : = 488.02297270247
fipunto1 : = 1.2327635267355E+18
fi_gradi : = 27961.65664128
t1 : = 1.0808935637571E-14
tpunto1 : = 1.0009210836583
tduepunti0 : = -3.6456610576516E+15
v=v_elettrone : = 7615386.1587478
x0= : -1.5103359787195E-12
y0= : -2.7989512267675E-12
*****
i=29784
k(29784)=0.99976330156302
kQ(29784)=0.99952665915219
r1= : 3.1819776484549E-12
rpunto1: = 6522394.027041
rduepunti0 : = -2.0177826948549E+25
fil : = 488.02311727937
fipunto1 : = 1.2321704637879E+18
fi_gradi : = 27961.664924926
t1 : = 1.0808935754957E-14
tpunto1 : = 1.000920656461
tduepunti0 : = -3.6425826087428E+15
v=v_elettrone : = 7612870.2401935
x0= : -1.5102945255191E-12
y0= : -2.7998433867867E-12

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```
*****
i=29785
k(29785)=0.9997634732355
kQ(29785)=0.99952700241591
r1= : 3.1827425863037E-12
rpunto1:= 6520028.5991377
rduepunti0 := -2.0169289374319E+25
fil := 488.02326178671
fipunto1 := 1.2315780436466E+18
fi_gradi := 27961.673204587
t1 := 1.0808935872344E-14
tpunto1 := 1.0009202296243
tduepunti0 := -3.6395078981879E+15
v=v_elettrone := 7610355.6136042
x0= : -1.5102529090486E-12
y0= : -2.8007352438202E-12
*****
i=29786
k(29786)=0.99976364477312
kQ(29786)=0.99952734541004
r1= : 3.1835072467383E-12
rpunto1:= 6517664.1715237
rduepunti0 := -2.016076021062E+25
fil := 488.02340622457
fipunto1 := 1.2309862653443E+18
fi_gradi := 27961.681480267
t1 := 1.0808935989731E-14
tpunto1 := 1.0009198031477
tduepunti0 := -3.6364369196861E+15
v=v_elettrone := 7607842.2784916
x0= : -1.5102111294302E-12
y0= : -2.8016267979902E-12
*****
i=29787
k(29787)=0.99976381617604
kQ(29787)=0.99952768813488
r1= : 3.1842716298759E-12
rpunto1:= 6515300.7432137
rduepunti0 := -2.0152239446063E+25
fil := 488.02355059304
fipunto1 := 1.2303951279157E+18
fi_gradi := 27961.68975197
t1 := 1.0808936107117E-14
tpunto1 := 1.0009193770309
tduepunti0 := -3.6333696669504E+15
v=v_elettrone := 7605330.2327444
x0= : -1.5101691867858E-12
y0= : -2.8025180494188E-12
*****
i=29788
k(29788)=0.9997639874444
kQ(29788)=0.99952803059072
r1= : 3.1850357358338E-12
rpunto1:= 6512938.3132242
rduepunti0 := -2.014372706928E+25
fil := 488.02369489217
fipunto1 := 1.2298046303973E+18
fi_gradi := 27961.698019701
t1 := 1.0808936224504E-14
tpunto1 := 1.0009189512733
tduepunti0 := -3.6303061337067E+15
v=v_elettrone := 7602819.4750722
x0= : -1.5101270812376E-12
y0= : -2.803408998228E-12
```

```
*****
i=29789
k(29789)=0.99976415857835
kQ(29789)=0.99952837277788
r1= : 3.1857995647289E-12
rpunto1 : = 6510576.8805727
rduepunto10 : = -2.0135223068923E+25
fil : = 488.02383912205
fipunto1 : = 1.2292147718275E+18
fi_gradi : = 27961.706283465
t1 : = 1.080893634189E-14
tpunto1 : = 1.0009185258746
tduepunto10 : = -3.6272463136946E+15
v=v_elettrone : = 7600310.0041811
x0= : -1.5100848129071E-12
y0= : -2.8042996445397E-12
*****
i=29790
k(29790)=0.99976432957805
kQ(29790)=0.99952871469665
r1= : 3.1865631166783E-12
rpunto1 : = 6508216.4442783
rduepunto10 : = -2.0126727433663E+25
fil : = 488.02398328275
fipunto1 : = 1.2286255512464E+18
fi_gradi : = 27961.714543265
t1 : = 1.0808936459277E-14
tpunto1 : = 1.0009181008343
tduepunto10 : = -3.6241902006668E+15
v=v_elettrone : = 7597801.8195547
x0= : -1.5100423819163E-12
y0= : -2.8051899884755E-12
*****
i=29791
k(29791)=0.99976450044364
kQ(29791)=0.99952905634732
r1= : 3.1873263917988E-12
rpunto1 : = 6505857.0033611
rduepunto10 : = -2.0118240152193E+25
fil : = 488.02412737435
fipunto1 : = 1.2280369676965E+18
fi_gradi : = 27961.722799105
t1 : = 1.0808936576663E-14
tpunto1 : = 1.000917676152
tduepunto10 : = -3.6211377883892E+15
v=v_elettrone : = 7595294.9183014
x0= : -1.5099997883864E-12
y0= : -2.8060800301573E-12
*****
i=29792
k(29792)=0.99976467117527
kQ(29792)=0.9995293977302
r1= : 3.1880893902071E-12
rpunto1 : = 6503498.5568428
rduepunto10 : = -2.0109761213225E+25
fil : = 488.02427139692
fipunto1 : = 1.2274490202217E+18
fi_gradi : = 27961.731050991
t1 : = 1.0808936694049E-14
tpunto1 : = 1.0009172518272
tduepunto10 : = -3.6180890706411E+15
v=v_elettrone : = 7592789.3007107
x0= : -1.5099570324389E-12
y0= : -2.8069697697063E-12
```



```
*****
i=29793
k(29793)=0.9997648417731
kQ(29793)=0.99952973884558
r1= : 3.18885211202E-12
rpunto1:= 6501141.1037463
rduepunti0 := -2.010129060549E+25
fil := 488.02441535054
fipunto1 := 1.2268617078679E+18
fi_gradi := 27961.739298925
t1 := 1.0808936811436E-14
tpunto1 := 1.0009168278596
tduepunti0 := -3.6150440412147E+15
v=v_elettrone := 7590284.9654705
x0= : -1.5099141141952E-12
y0= : -2.8078592072441E-12
*****
i=29794
k(29794)=0.99976501223726
kQ(29794)=0.99953007969377
r1= : 3.1896145573538E-12
rpunto1:= 6498784.6430959
rduepunti0 := -2.0092828317741E+25
fil := 488.02455923528
fipunto1 := 1.2262750296831E+18
fi_gradi := 27961.747542914
t1 := 1.0808936928822E-14
tpunto1 := 1.0009164042486
tduepunti0 := -3.6120026939157E+15
v=v_elettrone := 7587781.9104906
x0= : -1.5098710337759E-12
y0= : -2.808748342892E-12
*****
i=29795
k(29795)=0.99976518256791
kQ(29795)=0.99953042027505
r1= : 3.190376726325E-12
rpunto1:= 6496429.173917
rduepunti0 := -2.008437433875E+25
fil := 488.02470305121
fipunto1 := 1.2256889847169E+18
fi_gradi := 27961.75578296
t1 := 1.0808937046208E-14
tpunto1 := 1.0009159809939
tduepunti0 := -3.6089650225626E+15
v=v_elettrone := 7585280.1344522
x0= : -1.5098277913023E-12
y0= : -2.8096371767711E-12
*****
i=29796
k(29796)=0.9997653527652
kQ(29796)=0.99953076058973
r1= : 3.1911386190498E-12
rpunto1:= 6494074.6952367
rduepunti0 := -2.0075928657307E+25
fil := 488.02484679841
fipunto1 := 1.2251035720208E+18
fi_gradi := 27961.764019068
t1 := 1.0808937163594E-14
tpunto1 := 1.0009155580951
tduepunti0 := -3.6059310209871E+15
v=v_elettrone := 7582779.6368565
x0= : -1.5097843868951E-12
y0= : -2.8105257090025E-12
```

```
*****
i=29797
k(29797)=0.99976552282928
kQ(29797)=0.9995311006381
r1= : 3.1919002356445E-12
rpunto1 : = 6491721.206083
rduepunti0 : = -2.0067491262225E+25
fil : = 488.02499047696
fipunto1 : = 1.2245187906484E+18
fi_gradi : = 27961.772251242
t1 : = 1.080893728098E-14
tpunto1 : = 1.0009151355516
tduepunti0 : = -3.6029006830339E+15
v=v_elettrone : = 7580280.4155792
x0= : -1.5097408206749E-12
y0= : -2.8114139397071E-12
*****
i=29798
k(29798)=0.99976569276028
kQ(29798)=0.99953144042045
r1= : 3.192661576225E-12
rpunto1 : = 6489368.7054855
rduepunti0 : = -2.0059062142335E+25
fil : = 488.02513408692
fipunto1 : = 1.2239346396549E+18
fi_gradi : = 27961.780479487
t1 : = 1.0808937398366E-14
tpunto1 : = 1.0009147133631
tduepunti0 : = -3.5998740025609E+15
v=v_elettrone : = 7577782.4701163
x0= : -1.5096970927622E-12
y0= : -2.8123018690056E-12
*****
i=29799
k(29799)=0.99976586255837
kQ(29799)=0.99953177993709
r1= : 3.1934226409073E-12
rpunto1 : = 6487017.1924749
rduepunti0 : = -2.0050641286487E+25
fil : = 488.02527762838
fipunto1 : = 1.2233511180974E+18
fi_gradi : = 27961.788703806
t1 : = 1.0808937515752E-14
tpunto1 : = 1.0009142915291
tduepunti0 : = -3.5968509734387E+15
v=v_elettrone : = 7575285.7983641
x0= : -1.5096532032774E-12
y0= : -2.813189497019E-12
*****
i=29800
k(29800)=0.99976603222369
kQ(29800)=0.9995321191883
r1= : 3.1941834298073E-12
rpunto1 : = 6484666.6660835
rduepunti0 : = -2.0042228683553E+25
fil : = 488.0254211014
fipunto1 : = 1.222768225035E+18
fi_gradi : = 27961.796924205
t1 : = 1.0808937633138E-14
tpunto1 : = 1.0009138700492
tduepunti0 : = -3.593831589551E+15
v=v_elettrone : = 7572790.3997918
x0= : -1.5096091523407E-12
y0= : -2.8140768238676E-12
```

```
*****
i=29801
k(29801)=0.99976620175638
kQ(29801)=0.99953245817438
r1= : 3.1949439430406E-12
rpunto1: = 6482317.1253445
rduepunti0 : = -2.0033824322421E+25
fil : = 488.02556450606
fipunto1 : = 1.2221859595284E+18
fi_gradi : = 27961.805140687
t1 : = 1.0808937750524E-14
tpunto1 : = 1.000913448923
tduepunti0 : = -3.5908158447944E+15
v=v_elettrone : = 7570296.2731042
x0= : -1.5095649400722E-12
y0= : -2.814963849672E-12
*****
i=29802
k(29802)=0.9997663711566
kQ(29802)=0.99953279689563
r1= : 3.1957041807228E-12
rpunto1: = 6479968.5692927
rduepunti0 : = -2.0025428192003E+25
fil : = 488.02570784243
fipunto1 : = 1.2216043206404E+18
fi_gradi : = 27961.813353256
t1 : = 1.080893786791E-14
tpunto1 : = 1.0009130281501
tduepunti0 : = -3.5878037330784E+15
v=v_elettrone : = 7567803.4161735
x0= : -1.5095205665918E-12
y0= : -2.8158505745525E-12
*****
i=29803
k(29803)=0.99976654042448
kQ(29803)=0.99953313535233
r1= : 3.1964641429694E-12
rpunto1: = 6477620.9969642
rduepunti0 : = -2.0017040281227E+25
fil : = 488.02585111059
fipunto1 : = 1.2210233074355E+18
fi_gradi : = 27961.821561917
t1 : = 1.0808937985296E-14
tpunto1 : = 1.00091260773
tduepunti0 : = -3.5847952483252E+15
v=v_elettrone : = 7565311.8284777
x0= : -1.5094760320194E-12
y0= : -2.8167369986294E-12
*****
i=29804
k(29804)=0.99976670956018
kQ(29804)=0.99953347354479
r1= : 3.1972238298958E-12
rpunto1: = 6475274.4073962
rduepunti0 : = -2.0008660579043E+25
fil : = 488.02599431061
fipunto1 : = 1.22044291898E+18
fi_gradi : = 27961.829766673
t1 : = 1.0808938102681E-14
tpunto1 : = 1.0009121876623
tduepunti0 : = -3.5817903844701E+15
v=v_elettrone : = 7562821.5095137
x0= : -1.5094313364747E-12
y0= : -2.8176231220228E-12
```

```
*****
i=29805
k(29805)=0.99976687856384
kQ(29805)=0.99953381147329
r1= : 3.1979832416173E-12
rpunto1 : = 6472928.7996273
rduepunti0 : = -2.0000289074417E+25
fil : = 488.02613744256
fipunto1 : = 1.2198631543421E+18
fi_gradi : = 27961.83796753
t1 : = 1.0808938220067E-14
tpunto1 : = 1.0009117679466
tduepunti0 : = -3.5787891354608E+15
v=v_elettrone : = 7560332.4563563
x0= : -1.5093864800769E-12
y0= : -2.8185089448528E-12
*****
i=29806
k(29806)=0.99976704743561
kQ(29806)=0.99953414913812
r1= : 3.198742378249E-12
rpunto1 : = 6470584.1726974
rduepunti0 : = -1.9991925756339E+25
fil : = 488.02628050651
fipunto1 : = 1.2192840125917E+18
fi_gradi : = 27961.846164491
t1 : = 1.0808938337453E-14
tpunto1 : = 1.0009113485824
tduepunti0 : = -3.5757914952581E+15
v=v_elettrone : = 7557844.6684815
x0= : -1.5093414629455E-12
y0= : -2.8193944672391E-12
*****
i=29807
k(29807)=0.99976721617564
kQ(29807)=0.99953448653958
r1= : 3.1995012399058E-12
rpunto1 : = 6468240.5256477
rduepunti0 : = -1.9983570613815E+25
fil : = 488.02642350255
fipunto1 : = 1.2187054928008E+18
fi_gradi : = 27961.85435756
t1 : = 1.0808938454838E-14
tpunto1 : = 1.0009109295694
tduepunti0 : = -3.5727974578352E+15
v=v_elettrone : = 7555358.1445714
x0= : -1.5092962851999E-12
y0= : -2.8202796893017E-12
*****
i=29808
k(29808)=0.99976738478406
kQ(29808)=0.99953482367796
r1= : 3.2002598267028E-12
rpunto1 : = 6465897.8575207
rduepunti0 : = -1.9975223635872E+25
fil : = 488.02656643074
fipunto1 : = 1.2181275940428E+18
fi_gradi : = 27961.862546742
t1 : = 1.0808938572224E-14
tpunto1 : = 1.0009105109071
tduepunti0 : = -3.5698070171784E+15
v=v_elettrone : = 7552872.884108
x0= : -1.5092509469592E-12
y0= : -2.82116461116E-12
```

```
*****
i=29809
k(29809)=0.99976755326103
kQ(29809)=0.99953516055355
r1= : 3.2010181387548E-12
rpunto1:= 6463556.1673601
rduepunti0 := -1.9966884811555E+25
fil := 488.02670929115
fipunto1 := 1.2175503153934E+18
fi_gradi := 27961.870732041
t1 := 1.0808938689609E-14
tpunto1 := 1.0009100925951
tduepunti0 := -3.5668201672862E+15
v=v_elettrone := 7550388.8849608
x0= : -1.5092054483422E-12
y0= : -2.8220492329338E-12
*****
i=29810
k(29810)=0.99976772160669
kQ(29810)=0.99953549716663
r1= : 3.2017761761764E-12
rpunto1:= 6461215.4542109
rduepunti0 := -1.9958554129929E+25
fil := 488.02685208386
fipunto1 := 1.2169736559296E+18
fi_gradi := 27961.87891346
t1 := 1.0808938806995E-14
tpunto1 := 1.0009096746329
tduepunti0 := -3.5638369021699E+15
v=v_elettrone := 7547906.1458059
x0= : -1.5091597894676E-12
y0= : -2.8229335547425E-12
*****
i=29811
k(29811)=0.99976788982119
kQ(29811)=0.99953583351751
r1= : 3.2025339390822E-12
rpunto1:= 6458875.7171195
rduepunti0 := -1.9950231580078E+25
fil := 488.02699480894
fipunto1 := 1.2163976147305E+18
fi_gradi := 27961.887091005
t1 := 1.080893892438E-14
tpunto1 := 1.0009092570203
tduepunti0 := -3.5608572158536E+15
v=v_elettrone := 7545424.6661232
x0= : -1.5091139704544E-12
y0= : -2.8238175767053E-12
*****
i=29812
k(29812)=0.99976805790466
kQ(29812)=0.99953616960646
r1= : 3.2032914275867E-12
rpunto1:= 6456536.9551335
rduepunti0 := -1.9941917151106E+25
fil := 488.02713746646
fipunto1 := 1.2158221908771E+18
fi_gradi := 27961.895264679
t1 := 1.0808939041765E-14
tpunto1 := 1.0009088397566
tduepunti0 := -3.5578811023736E+15
v=v_elettrone := 7542944.443786
x0= : -1.509067991421E-12
y0= : -2.8247012989415E-12
```

```
*****
i=29813
k(29813)=0.99976822585726
kQ(29813)=0.99953650543377
r1= : 3.2040486418042E-12
rpunto1:= 6454199.1673017
rduepunti0 := -1.9933610832134E+25
fil := 488.0272800565
fipunto1 := 1.2152473834518E+18
fi_gradi := 27961.903434487
t1 := 1.0808939159151E-14
tpunto1 := 1.0009084228416
tduepunti0 := -3.5549085557788E+15
v=v_elettrone := 7540465.4782541
x0= : -1.5090218524857E-12
y0= : -2.8255847215702E-12
*****
i=29814
k(29814)=0.99976839367913
kQ(29814)=0.99953684099974
r1= : 3.204805581849E-12
rpunto1:= 6451862.3526743
rduepunti0 := -1.9925312612306E+25
fil := 488.02742257913
fipunto1 := 1.2146731915391E+18
fi_gradi := 27961.911600431
t1 := 1.0808939276536E-14
tpunto1 := 1.0009080062748
tduepunti0 := -3.5519395701309E+15
v=v_elettrone := 7537987.7682162
x0= : -1.5089755537669E-12
y0= : -2.8264678447103E-12
*****
i=29815
k(29815)=0.99976856137041
kQ(29815)=0.99953717630466
r1= : 3.2055622478353E-12
rpunto1:= 6449526.5103027
rduepunti0 := -1.991702248078E+25
fil := 488.02756503441
fipunto1 := 1.2140996142253E+18
fi_gradi := 27961.919762518
t1 := 1.0808939393921E-14
tpunto1 := 1.0009075900557
tduepunti0 := -3.5489741395037E+15
v=v_elettrone := 7535511.312336
x0= : -1.5089290953827E-12
y0= : -2.8273506684807E-12
*****
i=29816
k(29816)=0.99976872893125
kQ(29816)=0.9995375113488
r1= : 3.2063186398771E-12
rpunto1:= 6447191.6392396
rduepunti0 := -1.9908740426736E+25
fil := 488.02770742243
fipunto1 := 1.2135266505983E+18
fi_gradi := 27961.92792075
t1 := 1.0808939511306E-14
tpunto1 := 1.000907174184
tduepunti0 := -3.5460122579835E+15
v=v_elettrone := 7533036.1092712
x0= : -1.508882477451E-12
y0= : -2.8282331930003E-12
```

```
*****
i=29817
k(29817)=0.99976889636179
kQ(29817)=0.99953784613247
r1= : 3.2070747580882E-12
rpunto1:= 6444857.7385389
rduepunti0 := -1.9900466439374E+25
fil := 488.02784974325
fipunto1 := 1.2129542997478E+18
fi_gradi := 27961.936075133
t1 := 1.0808939628691E-14
tpunto1 := 1.0009067586593
tduepunti0 := -3.5430539196692E+15
v=v_elettrone := 7530562.1577106
x0= : -1.5088357000897E-12
y0= : -2.8291154183875E-12
*****
i=29818
k(29818)=0.99976906366217
kQ(29818)=0.99953818065593
r1= : 3.2078306025825E-12
rpunto1:= 6442524.8072559
rduepunti0 := -1.989220050791E+25
fil := 488.02799199694
fipunto1 := 1.2123825607655E+18
fi_gradi := 27961.944225669
t1 := 1.0808939746076E-14
tpunto1 := 1.0009063434811
tduepunti0 := -3.5400991186718E+15
v=v_elettrone := 7528089.4563047
x0= : -1.5087887634164E-12
y0= : -2.8299973447611E-12
*****
i=29819
k(29819)=0.99976923083254
kQ(29819)=0.99953851491949
r1= : 3.2085861734736E-12
rpunto1:= 6440192.8444469
rduepunti0 := -1.9883942621581E+25
fil := 488.02813418358
fipunto1 := 1.2118114327445E+18
fi_gradi := 27961.952372364
t1 := 1.0808939863461E-14
tpunto1 := 1.000905928649
tduepunti0 := -3.5371478491148E+15
v=v_elettrone := 7525618.0045186
x0= : -1.5087416675489E-12
y0= : -2.8308789722392E-12
*****
i=29820
k(29820)=0.99976939787304
kQ(29820)=0.99953884892342
r1= : 3.2093414708752E-12
rpunto1:= 6437861.8491698
rduepunti0 := -1.9875692769642E+25
fil := 488.02827630325
fipunto1 := 1.2112409147799E+18
fi_gradi := 27961.96051522
t1 := 1.0808939980846E-14
tpunto1 := 1.0009055141626
tduepunti0 := -3.5342001051339E+15
v=v_elettrone := 7523147.8002284
x0= : -1.5086944126044E-12
y0= : -2.8317603009404E-12
```

```
*****
i=29821
k(29821)=0.99976956478381
kQ(29821)=0.99953918266801
r1= : 3.2100964949007E-12
rpunto1:= 6435531.8204836
rduepunti0 := -1.9867450941367E+25
fil := 488.028418356
fipunto1 := 1.2106710059686E+18
fi_gradi := 27961.968654244
t1 := 1.0808940098231E-14
tpunto1 := 1.0009051000216
tduepunti0 := -3.5312558808772E+15
v=v_elettrone := 7520678.8428926
x0= : -1.5086469987004E-12
y0= : -2.8326413309827E-12
*****
i=29822
k(29822)=0.999769731565
kQ(29822)=0.99953951615355
r1= : 3.2108512456635E-12
rpunto1:= 6433202.7574485
rduepunti0 := -1.9859217126048E+25
fil := 488.02856034191
fipunto1 := 1.2101017054092E+18
fi_gradi := 27961.976789437
t1 := 1.0808940215616E-14
tpunto1 := 1.0009046862254
tduepunti0 := -3.5283151705049E+15
v=v_elettrone := 7518211.130371
x0= : -1.5085994259539E-12
y0= : -2.8335220624843E-12
*****
i=29823
k(29823)=0.99976989821675
kQ(29823)=0.99953984938032
r1= : 3.2116057232769E-12
rpunto1:= 6430874.6591259
rduepunti0 := -1.9850991312998E+25
fil := 488.02870226106
fipunto1 := 1.2095330122018E+18
fi_gradi := 27961.984920805
t1 := 1.0808940333001E-14
tpunto1 := 1.0009042727736
tduepunti0 := -3.5253779681895E+15
v=v_elettrone := 7515744.6629261
x0= : -1.5085516944822E-12
y0= : -2.834402495563E-12
*****
i=29824
k(29824)=0.99977006473919
kQ(29824)=0.99954018234861
r1= : 3.2123599278539E-12
rpunto1:= 6428547.5245788
rduepunti0 := -1.9842773491545E+25
fil := 488.02884411351
fipunto1 := 1.2089649254487E+18
fi_gradi := 27961.993048352
t1 := 1.0808940450385E-14
tpunto1 := 1.000903859666
tduepunti0 := -3.5224442681156E+15
v=v_elettrone := 7513279.438432
x0= : -1.5085038044018E-12
y0= : -2.8352826303369E-12
```



```
*****
i=29825
k(29825)=0.99977023113248
kQ(29825)=0.99954051505869
r1= : 3.2131138595076E-12
rpunto1: = 6426221.352871
rduepunti0 : = -1.983456365104E+25
fil : = 488.02898589934
fipunto1 : = 1.2083974442536E+18
fi_gradi : = 27962.001172082
t1 : = 1.080894056777E-14
tpunto1 : = 1.000903446902
tduepunti0 : = -3.51951406448E+15
v=v_elettrone : = 7510815.454717
x0= : -1.5084557558297E-12
y0= : -2.8361624669235E-12
*****
i=29826
k(29826)=0.99977039739675
kQ(29826)=0.99954084751086
r1= : 3.2138675183509E-12
rpunto1: = 6423896.1430678
rduepunti0 : = -1.9826361780848E+25
fil : = 488.02912761861
fipunto1 : = 1.207830567722E+18
fi_gradi : = 27962.009291998
t1 : = 1.0808940685155E-14
tpunto1 : = 1.0009030344812
tduepunti0 : = -3.5165873514917E+15
v=v_elettrone : = 7508352.712868
x0= : -1.5084075488825E-12
y0= : -2.8370420054405E-12
*****
i=29827
k(29827)=0.99977056353215
kQ(29827)=0.99954117970539
r1= : 3.2146209044967E-12
rpunto1: = 6421571.8942357
rduepunti0 : = -1.9818167870357E+25
fil : = 488.0292692714
fipunto1 : = 1.2072642949613E+18
fi_gradi : = 27962.017408105
t1 : = 1.0808940802539E-14
tpunto1 : = 1.0009026224033
tduepunti0 : = -3.5136641233716E+15
v=v_elettrone : = 7505891.2099405
x0= : -1.5083591836766E-12
y0= : -2.8379212460055E-12
*****
i=29828
k(29828)=0.99977072953881
kQ(29828)=0.99954151164256
r1= : 3.2153740180575E-12
rpunto1: = 6419248.6054425
rduepunti0 : = -1.9809981908971E+25
fil : = 488.02941085778
fipunto1 : = 1.2066986250803E+18
fi_gradi : = 27962.025520407
t1 : = 1.0808940919924E-14
tpunto1 : = 1.0009022106678
tduepunti0 : = -3.5107443743528E+15
v=v_elettrone : = 7503430.9445713
x0= : -1.5083106603283E-12
y0= : -2.8388001887359E-12
```

```
*****
i=29829
k(29829)=0.99977089541688
kQ(29829)=0.99954184332267
r1= : 3.2161268591462E-12
rpunto1: = 6416926.2757571
rduepunti0 : = -1.9801803886112E+25
fil : = 488.02955237782
fipunto1 : = 1.20613355719E+18
fi_gradi : = 27962.033628908
t1 : = 1.0808941037308E-14
tpunto1 : = 1.0009017992743
tduepunti0 : = -3.5078280986804E+15
v=v_elettrone : = 7500971.9162298
x0= : -1.508261978954E-12
y0= : -2.8396788337488E-12
*****
i=29830
k(29830)=0.99977106116649
kQ(29830)=0.99954217474598
r1= : 3.216879427875E-12
rpunto1: = 6414604.9042498
rduepunti0 : = -1.9793633791222E+25
fil : = 488.02969383158
fipunto1 : = 1.2055690904027E+18
fi_gradi : = 27962.041733612
t1 : = 1.0808941154693E-14
tpunto1 : = 1.0009013882224
tduepunti0 : = -3.5049152906114E+15
v=v_elettrone : = 7498514.1243728
x0= : -1.5082131396698E-12
y0= : -2.8405571811616E-12
*****
i=29831
k(29831)=0.9997712267878
kQ(29831)=0.99954250591278
r1= : 3.2176317243564E-12
rpunto1: = 6412284.489992
rduepunti0 : = -1.9785471613761E+25
fil : = 488.02983521915
fipunto1 : = 1.2050052238325E+18
fi_gradi : = 27962.049834522
t1 : = 1.0808941272077E-14
tpunto1 : = 1.0009009775117
tduepunti0 : = -3.5020059444149E+15
v=v_elettrone : = 7496057.5660479
x0= : -1.5081641425914E-12
y0= : -2.8414352310913E-12
*****
i=29832
k(29832)=0.99977139228093
kQ(29832)=0.99954283682336
r1= : 3.2183837487027E-12
rpunto1: = 6409965.0320564
rduepunti0 : = -1.9777317343206E+25
fil : = 488.02997654059
fipunto1 : = 1.2044419565954E+18
fi_gradi : = 27962.057931644
t1 : = 1.0808941389462E-14
tpunto1 : = 1.0009005671418
tduepunti0 : = -3.4991000543718E+15
v=v_elettrone : = 7493602.2415045
x0= : -1.5081149878347E-12
y0= : -2.8423129836548E-12
```

```
*****
i=29833
k(29833)=0.99977155764604
kQ(29833)=0.99954316747798
r1= : 3.2191355010259E-12
rpunto1 : = 6407646.5295169
rduepunti0 : = -1.9769170969055E+25
fil : = 488.03011779597
fipunto1 : = 1.2038792878089E+18
fi_gradi : = 27962.066024981
t1 : = 1.0808941506846E-14
tpunto1 : = 1.0009001571123
tduepunti0 : = -3.4961976147751E+15
v=v_elettrone : = 7491148.1494055
x0= : -1.5080656755155E-12
y0= : -2.8431904389691E-12
*****
i=29834
k(29834)=0.99977172288325
kQ(29834)=0.99954349787694
r1= : 3.2198869814382E-12
rpunto1 : = 6405328.9814486
rduepunti0 : = -1.9761032480822E+25
fil : = 488.03025898536
fipunto1 : = 1.2033172165924E+18
fi_gradi : = 27962.074114538
t1 : = 1.080894162423E-14
tpunto1 : = 1.0008997474228
tduepunti0 : = -3.4932986199294E+15
v=v_elettrone : = 7488695.2875862
x0= : -1.5080162057491E-12
y0= : -2.8440675971508E-12
*****
i=29835
k(29835)=0.99977188799271
kQ(29835)=0.99954382802051
r1= : 3.2206381900515E-12
rpunto1 : = 6403012.3869281
rduepunti0 : = -1.975290186804E+25
fil : = 488.03040010883
fipunto1 : = 1.2027557420669E+18
fi_gradi : = 27962.082200317
t1 : = 1.0808941741614E-14
tpunto1 : = 1.0008993380729
tduepunti0 : = -3.4904030641513E+15
v=v_elettrone : = 7486243.6555059
x0= : -1.5079665786511E-12
y0= : -2.8449444583166E-12
*****
i=29836
k(29836)=0.99977205297456
kQ(29836)=0.99954415790896
r1= : 3.2213891269777E-12
rpunto1 : = 6400696.7450327
rduepunti0 : = -1.974477912026E+25
fil : = 488.03054116645
fipunto1 : = 1.2021948633549E+18
fi_gradi : = 27962.090282323
t1 : = 1.0808941858999E-14
tpunto1 : = 1.0008989290622
tduepunti0 : = -3.4875109417693E+15
v=v_elettrone : = 7483793.2518071
x0= : -1.5079167943368E-12
y0= : -2.845821022583E-12
```

```
*****
i=29837
k(29837)=0.99977221782894
kQ(29837)=0.99954448754259
r1= : 3.2221397923283E-12
rpunto1:= 6398382.0548414
rduepunti0 := -1.9736664227051E+25
fil := 488.03068215829
fipunto1 := 1.201634579581E+18
fi_gradi := 27962.098360561
t1 := 1.0808941976383E-14
tpunto1 := 1.0008985203902
tduepunti0 := -3.4846222471236E+15
v=v_elettrone := 7481344.0759469
x0= : -1.5078668529212E-12
y0= : -2.8466972900664E-12
*****
i=29838
k(29838)=0.99977238255598
kQ(29838)=0.99954481692166
r1= : 3.2228901862152E-12
rpunto1:= 6396068.3154343
rduepunti0 := -1.9728557178002E+25
fil := 488.03082308443
fipunto1 := 1.2010748898712E+18
fi_gradi := 27962.106435033
t1 := 1.0808942093767E-14
tpunto1 := 1.0008981120567
tduepunti0 := -3.481736974566E+15
v=v_elettrone := 7478896.1257646
x0= : -1.5078167545193E-12
y0= : -2.8475732608831E-12
*****
i=29839
k(29839)=0.99977254715583
kQ(29839)=0.99954514604645
r1= : 3.2236403087497E-12
rpunto1:= 6393755.5258925
rduepunti0 := -1.9720457962718E+25
fil := 488.03096394492
fipunto1 := 1.2005157933532E+18
fi_gradi := 27962.114505745
t1 := 1.0808942211151E-14
tpunto1 := 1.0008977040611
tduepunti0 := -3.4788551184603E+15
v=v_elettrone := 7476449.3998892
x0= : -1.507766499246E-12
y0= : -2.8484489351493E-12
*****
i=29840
k(29840)=0.99977271162862
kQ(29840)=0.99954547491724
r1= : 3.2243901600432E-12
rpunto1:= 6391443.6852986
rduepunti0 := -1.9712366570822E+25
fil := 488.03110473985
fipunto1 := 1.1999572891564E+18
fi_gradi := 27962.1225727
t1 := 1.0808942328535E-14
tpunto1 := 1.0008972964031
tduepunti0 := -3.4759766731819E+15
v=v_elettrone := 7474003.8985979
x0= : -1.5077160872162E-12
y0= : -2.8493243129811E-12
```

```
*****
i=29841
k(29841)=0.9997728759745
kQ(29841)=0.99954580353431
r1= : 3.2251397402071E-12
rpunto1:= 6389132.7927363
rduepunti0 := -1.9704282991956E+25
fil := 488.03124546927
fipunto1 := 1.1993993764121E+18
fi_gradi := 27962.130635902
t1 := 1.0808942445919E-14
tpunto1 := 1.0008968890823
tduepunti0 := -3.4731016331177E+15
v=v_elettrone := 7471559.6189072
x0= : -1.5076655185442E-12
y0= : -2.8501993944944E-12
*****
i=29842
k(29842)=0.99977304019359
kQ(29842)=0.99954613189794
r1= : 3.2258890493526E-12
rpunto1:= 6386822.8472904
rduepunti0 := -1.969620721578E+25
fil := 488.03138613326
fipunto1 := 1.198842054253E+18
fi_gradi := 27962.138695355
t1 := 1.0808942563303E-14
tpunto1 := 1.0008964820982
tduepunti0 := -3.4702299926664E+15
v=v_elettrone := 7469116.5610753
x0= : -1.5076147933449E-12
y0= : -2.851074179805E-12
*****
i=29843
k(29843)=0.99977320428605
kQ(29843)=0.99954646000839
r1= : 3.2266380875907E-12
rpunto1:= 6384513.8480472
rduepunti0 := -1.9688139231971E+25
fil := 488.03152673189
fipunto1 := 1.1982853218134E+18
fi_gradi := 27962.146751063
t1 := 1.0808942680686E-14
tpunto1 := 1.0008960754506
tduepunti0 := -3.4673617462384E+15
v=v_elettrone := 7466674.7229238
x0= : -1.5075639117322E-12
y0= : -2.8519486690289E-12
*****
i=29844
k(29844)=0.999773368252
kQ(29844)=0.99954678786595
r1= : 3.2273868550323E-12
rpunto1:= 6382205.7940938
rduepunti0 := -1.9680079030225E+25
fil := 488.03166726523
fipunto1 := 1.1977291782297E+18
fi_gradi := 27962.15480303
t1 := 1.080894279807E-14
tpunto1 := 1.0008956691389
tduepunti0 := -3.4644968882554E+15
v=v_elettrone := 7464234.1039233
x0= : -1.5075128738207E-12
y0= : -2.8528228622814E-12
```

```
*****
i=29845
k(29845)=0.99977353209159
kQ(29845)=0.99954711547088
r1= : 3.2281353517884E-12
rpunto1: = 6379898.684519
rduepunti0 : = -1.9672026600255E+25
fil : = 488.03180773334
fipunto1 : = 1.1971736226394E+18
fi_gradi : = 27962.16285126
t1 : = 1.0808942915454E-14
tpunto1 : = 1.0008952631628
tduepunti0 : = -3.4616354131509E+15
v=v_elettrone : = 7461794.7026848
x0= : -1.5074616797242E-12
y0= : -2.8536967596783E-12
*****
i=29846
k(29846)=0.99977369580494
kQ(29846)=0.99954744282348
r1= : 3.2288835779697E-12
rpunto1: = 6377592.5184123
rduepunti0 : = -1.9663981931793E+25
fil : = 488.0319481363
fipunto1 : = 1.1966186541821E+18
fi_gradi : = 27962.170895757
t1 : = 1.0808943032838E-14
tpunto1 : = 1.000894857522
tduepunti0 : = -3.4587773153698E+15
v=v_elettrone : = 7459356.5178632
x0= : -1.5074103295568E-12
y0= : -2.8545703613349E-12
*****
i=29847
k(29847)=0.99977385939221
kQ(29847)=0.999547769924
r1= : 3.2296315336869E-12
rpunto1: = 6375287.2948648
rduepunti0 : = -1.9655945014587E+25
fil : = 488.03208847417
fipunto1 : = 1.1960642719989E+18
fi_gradi : = 27962.178936525
t1 : = 1.0808943150221E-14
tpunto1 : = 1.0008944522159
tduepunti0 : = -3.4559225893686E+15
v=v_elettrone : = 7456919.5480796
x0= : -1.5073588234322E-12
y0= : -2.8554436673665E-12
*****
i=29848
k(29848)=0.99977402285352
kQ(29848)=0.99954809677272
r1= : 3.2303792190504E-12
rpunto1: = 6372983.0129686
rduepunti0 : = -1.9647915838404E+25
fil : = 488.03222874702
fipunto1 : = 1.1955104752325E+18
fi_gradi : = 27962.186973568
t1 : = 1.0808943267605E-14
tpunto1 : = 1.0008940472442
tduepunti0 : = -3.4530712296151E+15
v=v_elettrone : = 7454483.7927934
x0= : -1.5073071614642E-12
y0= : -2.8563166778884E-12
```

```
*****
i=29849
k(29849)=0.99977418618902
kQ(29849)=0.99954842336992
r1= : 3.2311266341708E-12
rpunto1: = 6370679.671817
rduepunti0 : = -1.9639894393029E+25
fil : = 488.03236895493
fipunto1 : = 1.1949572630272E+18
fi_gradi : = 27962.195006889
t1 : = 1.0808943384988E-14
tpunto1 : = 1.0008936426065
tduepunti0 : = -3.4502232305886E+15
v=v_elettrone : = 7452049.2506232
x0= : -1.5072553437664E-12
y0= : -2.8571893930156E-12
*****
i=29850
k(29850)=0.99977434939884
kQ(29850)=0.99954874971587
r1= : 3.2318737791584E-12
rpunto1: = 6368377.2705046
rduepunti0 : = -1.9631880668263E+25
fil : = 488.03250909796
fipunto1 : = 1.1944046345292E+18
fi_gradi : = 27962.203036493
t1 : = 1.0808943502372E-14
tpunto1 : = 1.0008932383025
tduepunti0 : = -3.4473785867799E+15
v=v_elettrone : = 7449615.9202109
x0= : -1.507203370452E-12
y0= : -2.8580618128631E-12
*****
i=29851
k(29851)=0.99977451248311
kQ(29851)=0.99954907581084
r1= : 3.2326206541233E-12
rpunto1: = 6366075.808127
rduepunti0 : = -1.9623874653927E+25
fil : = 488.03264917617
fipunto1 : = 1.193852588886E+18
fi_gradi : = 27962.211062383
t1 : = 1.0808943619755E-14
tpunto1 : = 1.0008928343316
tduepunti0 : = -3.444537292691E+15
v=v_elettrone : = 7447183.8001825
x0= : -1.5071512416345E-12
y0= : -2.8589339375458E-12
*****
i=29852
k(29852)=0.99977467544197
kQ(29852)=0.9995494016551
r1= : 3.2333672591757E-12
rpunto1: = 6363775.2837814
rduepunti0 : = -1.9615876339858E+25
fil : = 488.03278918964
fipunto1 : = 1.193301125247E+18
fi_gradi : = 27962.219084564
t1 : = 1.0808943737139E-14
tpunto1 : = 1.0008924306936
tduepunti0 : = -3.4416993428355E+15
v=v_elettrone : = 7444752.8899785
x0= : -1.5070989574269E-12
y0= : -2.8598057671785E-12
```

```
*****
i=29853
k(29853)=0.99977483827556
kQ(29853)=0.99954972724893
r1= : 3.2341135944257E-12
rpunto1:= 6361475.6965656
rduepunti0 := -1.9607885715911E+25
fil := 488.03292913844
fipunto1 := 1.1927502427631E+18
fi_gradi := 27962.22710304
t1 := 1.0808943854522E-14
tpunto1 := 1.0008920273881
tduepunti0 := -3.4388647317381E+15
v=v_elettrone := 7442323.188232
x0= : -1.5070465179424E-12
y0= : -2.8606773018758E-12
*****
i=29854
k(29854)=0.99977500098402
kQ(29854)=0.99955005259259
r1= : 3.234859659983E-12
rpunto1:= 6359177.0455791
rduepunti0 := -1.9599902771958E+25
fil := 488.03306902263
fipunto1 := 1.1921999405869E+18
fi_gradi := 27962.235117814
t1 := 1.0808943971905E-14
tpunto1 := 1.0008916244145
tduepunti0 := -3.4360334539349E+15
v=v_elettrone := 7439894.6927566
x0= : -1.5069939232936E-12
y0= : -2.8615485417523E-12
*****
i=29855
k(29855)=0.99977516356747
kQ(29855)=0.99955037768636
r1= : 3.2356054559576E-12
rpunto1:= 6356879.3299223
rduepunti0 := -1.9591927497889E+25
fil := 488.03320884228
fipunto1 := 1.1916502178724E+18
fi_gradi := 27962.243128889
t1 := 1.0808944089289E-14
tpunto1 := 1.0008912217727
tduepunti0 := -3.4332055039732E+15
v=v_elettrone := 7437467.4037933
x0= : -1.5069411735937E-12
y0= : -2.8624194869225E-12
*****
i=29856
k(29856)=0.99977532602606
kQ(29856)=0.99955070253051
r1= : 3.2363509824591E-12
rpunto1:= 6354582.5486969
rduepunti0 := -1.9583959883611E+25
fil := 488.03334859746
fipunto1 := 1.1911010737756E+18
fi_gradi := 27962.251136271
t1 := 1.0808944206672E-14
tpunto1 := 1.0008908194621
tduepunti0 := -3.4303808764116E+15
v=v_elettrone := 7435041.3191728
x0= : -1.5068882689551E-12
y0= : -2.8632901375006E-12
```



```
*****
i=29857
k(29857)=0.99977548835992
kQ(29857)=0.99955102712531
r1= : 3.2370962395971E-12
rpunto1 : = 6352286.7010057
rduepunti0 : = -1.9575999919051E+25
fil : = 488.03348828824
fipunto1 : = 1.1905525074538E+18
fi_gradi : = 27962.259139963
t1 : = 1.0808944324055E-14
tpunto1 : = 1.0008904174824
tduepunti0 : = -3.4275595658198E+15
v=v_elettrone : = 7432616.4383248
x0= : -1.5068352094904E-12
y0= : -2.8641604936008E-12
*****
i=29858
k(29858)=0.99977565056918
kQ(29858)=0.99955135147102
r1= : 3.237841227481E-12
rpunto1 : = 6349991.7859528
rduepunti0 : = -1.9568047594149E+25
fil : = 488.03362791468
fipunto1 : = 1.190004518066E+18
fi_gradi : = 27962.267139969
t1 : = 1.0808944441438E-14
tpunto1 : = 1.0008900158332
tduepunti0 : = -3.4247415667789E+15
v=v_elettrone : = 7430192.7606795
x0= : -1.506781995312E-12
y0= : -2.8650305553374E-12
*****
i=29859
k(29859)=0.99977581265398
kQ(29859)=0.99955167556793
r1= : 3.2385859462203E-12
rpunto1 : = 6347697.8026434
rduepunti0 : = -1.9560102898865E+25
fil : = 488.03376747686
fipunto1 : = 1.1894571047728E+18
fi_gradi : = 27962.275136293
t1 : = 1.0808944558821E-14
tpunto1 : = 1.0008896145141
tduepunti0 : = -3.4219268738809E+15
v=v_elettrone : = 7427770.2832437
x0= : -1.506728626532E-12
y0= : -2.8659003228244E-12
*****
i=29860
k(29860)=0.99977597461446
kQ(29860)=0.99955199941629
r1= : 3.2393303959243E-12
rpunto1 : = 6345404.7501838
rduepunti0 : = -1.9552165823176E+25
fil : = 488.03390697483
fipunto1 : = 1.1889102667366E+18
fi_gradi : = 27962.283128938
t1 : = 1.0808944676204E-14
tpunto1 : = 1.0008892135247
tduepunti0 : = -3.419115481729E+15
v=v_elettrone : = 7425349.0062547
x0= : -1.5066751032626E-12
y0= : -2.8667697961755E-12
```

```
*****
i=29861
k(29861)=0.99977613645074
kQ(29861)=0.99955232301637
r1= : 3.2400745767021E-12
rpunto1 : = 6343112.6276817
rduepunti0 : = -1.9544236357077E+25
fil : = 488.03404640867
fipunto1 : = 1.1883640031211E+18
fi_gradi : = 27962.291117909
t1 : = 1.0808944793587E-14
tpunto1 : = 1.0008888128646
tduepunti0 : = -3.4163073849377E+15
v=v_elettrone : = 7422928.9283373
x0= : -1.506621425616E-12
y0= : -2.8676389755047E-12
*****
i=29862
k(29862)=0.99977629816297
kQ(29862)=0.99955264636845
r1= : 3.2408184886627E-12
rpunto1 : = 6340821.4342457
rduepunti0 : = -1.9536314490579E+25
fil : = 488.03418577845
fipunto1 : = 1.1878183130917E+18
fi_gradi : = 27962.299103209
t1 : = 1.080894491097E-14
tpunto1 : = 1.0008884125335
tduepunti0 : = -3.4135025781323E+15
v=v_elettrone : = 7420510.0489303
x0= : -1.5065675937039E-12
y0= : -2.8685078609257E-12
*****
i=29863
k(29863)=0.99977645975127
kQ(29863)=0.99955296947278
r1= : 3.2415621319151E-12
rpunto1 : = 6338531.1689858
rduepunti0 : = -1.9528400213709E+25
fil : = 488.03432508423
fipunto1 : = 1.1872731958154E+18
fi_gradi : = 27962.307084842
t1 : = 1.0808945028353E-14
tpunto1 : = 1.0008880125309
tduepunti0 : = -3.4107010559492E+15
v=v_elettrone : = 7418092.3650115
x0= : -1.5065136076379E-12
y0= : -2.869376452552E-12
*****
i=29864
k(29864)=0.99977662121578
kQ(29864)=0.99955329232964
r1= : 3.2423055065683E-12
rpunto1 : = 6336241.831013
rduepunti0 : = -1.9520493516515E+25
fil : = 488.03446432608
fipunto1 : = 1.1867286504609E+18
fi_gradi : = 27962.315062812
t1 : = 1.0808945145736E-14
tpunto1 : = 1.0008876128565
tduepunti0 : = -3.4079028130359E+15
v=v_elettrone : = 7415675.8768449
x0= : -1.5064594675299E-12
y0= : -2.8702447504971E-12
```

```
*****
i=29865
k(29865)=0.99977678255664
kQ(29865)=0.9995536149393
r1= : 3.2430486127309E-12
rpunto1:= 6333953.4194395
rduepunti0 := -1.9512594389058E+25
fil := 488.03460350407
fipunto1 := 1.1861846761984E+18
fi_gradi := 27962.323037124
t1 := 1.0808945263119E-14
tpunto1 := 1.0008872135099
tduepunti0 := -3.405107844051E+15
v=v_elettrone := 7413260.5838415
x0= : -1.5064051734912E-12
y0= : -2.8711127548743E-12
*****
i=29866
k(29866)=0.99977694377397
kQ(29866)=0.99955393730202
r1= : 3.2437914505115E-12
rpunto1:= 6331665.9333788
rduepunti0 := -1.950470282142E+25
fil := 488.03474261825
fipunto1 := 1.1856412721995E+18
fi_gradi := 27962.331007779
t1 := 1.0808945380501E-14
tpunto1 := 1.0008868144907
tduepunti0 := -3.4023161436636E+15
v=v_elettrone := 7410846.482997
x0= : -1.5063507256332E-12
y0= : -2.871980465797E-12
*****
i=29867
k(29867)=0.99977710486791
kQ(29867)=0.99955425941807
r1= : 3.2445340200188E-12
rpunto1:= 6329379.3719454
rduepunti0 := -1.9496818803696E+25
fil := 488.03488166871
fipunto1 := 1.1850984376377E+18
fi_gradi := 27962.338974784
t1 := 1.0808945497884E-14
tpunto1 := 1.0008864157986
tduepunti0 := -3.3995277065544E+15
v=v_elettrone := 7408433.574559
x0= : -1.5062961240673E-12
y0= : -2.8728478833784E-12
*****
i=29868
k(29868)=0.9997772658386
kQ(29868)=0.9995545812877
r1= : 3.2452763213611E-12
rpunto1:= 6327093.734255
rduepunti0 := -1.9488942326001E+25
fil := 488.03502065551
fipunto1 := 1.1845561716879E+18
fi_gradi := 27962.346938141
t1 := 1.0808945615267E-14
tpunto1 := 1.0008860174331
tduepunti0 := -3.3967425274144E+15
v=v_elettrone := 7406021.8571317
x0= : -1.5062413689044E-12
y0= : -2.8737150077313E-12
```

```
*****
i=29869
k(29869)=0.99977742668616
kQ(29869)=0.9995549029112
r1= : 3.2460183546469E-12
rpunto1 : = 6324809.0194245
rduepunti0 : = -1.9481073378466E+25
fil : = 488.03515957871
fipunto1 : = 1.1840144735265E+18
fi_gradi : = 27962.354897854
t1 : = 1.0808945732649E-14
tpunto1 : = 1.0008856193938
tduepunti0 : = -3.3939606009457E+15
v=v_elettrone : = 7403611.3293306
x0= : -1.5061864602556E-12
y0= : -2.8745818389689E-12
*****
i=29870
k(29870)=0.99977758741073
kQ(29870)=0.99955522428882
r1= : 3.2467601199843E-12
rpunto1 : = 6322525.2265719
rduepunti0 : = -1.9473211951239E+25
fil : = 488.03529843838
fipunto1 : = 1.1834733423316E+18
fi_gradi : = 27962.362853927
t1 : = 1.0808945850032E-14
tpunto1 : = 1.0008852216804
tduepunti0 : = -3.3911819218615E+15
v=v_elettrone : = 7401201.9905883
x0= : -1.5061313982318E-12
y0= : -2.875448377204E-12
*****
i=29871
k(29871)=0.99977774801244
kQ(29871)=0.99955554542082
r1= : 3.2475016174814E-12
rpunto1 : = 6320242.3548163
rduepunti0 : = -1.9465358034485E+25
fil : = 488.03543723459
fipunto1 : = 1.1829327772829E+18
fi_gradi : = 27962.370806364
t1 : = 1.0808945967415E-14
tpunto1 : = 1.0008848242925
tduepunti0 : = -3.3884064848854E+15
v=v_elettrone : = 7398793.8386858
x0= : -1.5060761829435E-12
y0= : -2.8763146225492E-12
*****
i=29872
k(29872)=0.99977790849142
kQ(29872)=0.99955586630748
r1= : 3.2482428472463E-12
rpunto1 : = 6317960.4032783
rduepunti0 : = -1.9457511618385E+25
fil : = 488.0355759674
fipunto1 : = 1.1823927775614E+18
fi_gradi : = 27962.378755168
t1 : = 1.0808946084797E-14
tpunto1 : = 1.0008844272298
tduepunti0 : = -3.3856342847521E+15
v=v_elettrone : = 7396386.8730625
x0= : -1.5060208145015E-12
y0= : -2.8771805751173E-12
```

```
*****
i=29873
k(29873)=0.9997780688478
kQ(29873)=0.99955618694905
r1= : 3.2489838093869E-12
rpunto1: = 6315679.3710791
rduepunti0 : = -1.9449672693138E+25
fil : = 488.03571463688
fipunto1 : = 1.18185334235E+18
fi_gradi : = 27962.386700344
t1 : = 1.0808946202179E-14
tpunto1 : = 1.0008840304917
tduepunti0 : = -3.382865316207E+15
v=v_elettrone : = 7393981.0931392
x0= : -1.5059652930163E-12
y0= : -2.8780462350207E-12
*****
i=29874
k(29874)=0.99977822908173
kQ(29874)=0.99955650734579
r1= : 3.2497245040111E-12
rpunto1: = 6313399.2573414
rduepunti0 : = -1.944184124896E+25
fil : = 488.03585324309
fipunto1 : = 1.1813144708329E+18
fi_gradi : = 27962.394641895
t1 : = 1.0808946319562E-14
tpunto1 : = 1.0008836340781
tduepunti0 : = -3.3800995740062E+15
v=v_elettrone : = 7391576.4975112
x0= : -1.5059096185982E-12
y0= : -2.8789116023719E-12
*****
i=29875
k(29875)=0.99977838919332
kQ(29875)=0.99955682749798
r1= : 3.2504649312264E-12
rpunto1: = 6311120.0611891
rduepunti0 : = -1.9434017276083E+25
fil : = 488.03599178611
fipunto1 : = 1.180776162196E+18
fi_gradi : = 27962.402579826
t1 : = 1.0808946436944E-14
tpunto1 : = 1.0008832379884
tduepunti0 : = -3.3773370529164E+15
v=v_elettrone : = 7389173.0839829
x0= : -1.5058537913573E-12
y0= : -2.8797766772833E-12
*****
i=29876
k(29876)=0.99977854918271
kQ(29876)=0.99955714740587
r1= : 3.2512050911407E-12
rpunto1: = 6308841.781747
rduepunti0 : = -1.9426200764755E+25
fil : = 488.036130266
fipunto1 : = 1.1802384156265E+18
fi_gradi : = 27962.410514139
t1 : = 1.0808946554326E-14
tpunto1 : = 1.0008828422223
tduepunti0 : = -3.3745777477154E+15
v=v_elettrone : = 7386770.8527841
x0= : -1.5057978114038E-12
y0= : -2.8806414598669E-12
```

```
*****
i=29877
k(29877)=0.99977870905002
kQ(29877)=0.99955746706973
r1= : 3.2519449838613E-12
rpunto1:= 6306564.4181412
rduepunti0 := -1.9418391705243E+25
fil := 488.03626868282
fipunto1 := 1.1797012303135E+18
fi_gradi := 27962.418444838
t1 := 1.0808946671709E-14
tpunto1 := 1.0008824467795
tduepunti0 := -3.3718216531911E+15
v=v_elettrone := 7384369.8017089
x0= : -1.5057416788478E-12
y0= : -2.881505950235E-12
*****
i=29878
k(29878)=0.9997788687954
kQ(29878)=0.99955778648982
r1= : 3.2526846094956E-12
rpunto1:= 6304287.9694989
rduepunti0 := -1.9410590087828E+25
fil := 488.03640703663
fipunto1 := 1.1791646054473E+18
fi_gradi := 27962.426371928
t1 := 1.0808946789091E-14
tpunto1 := 1.0008820516595
tduepunti0 := -3.3690687641425E+15
v=v_elettrone := 7381969.9309812
x0= : -1.505685393799E-12
y0= : -2.8823701484995E-12
*****
i=29879
k(29879)=0.99977902841897
kQ(29879)=0.99955810566639
r1= : 3.2534239681511E-12
rpunto1:= 6302012.4349485
rduepunti0 := -1.940279590281E+25
fil := 488.03654532752
fipunto1 := 1.1786285402201E+18
fi_gradi := 27962.434295412
t1 := 1.0808946906473E-14
tpunto1 := 1.000881656862
tduepunti0 := -3.366319075379E+15
v=v_elettrone := 7379571.2375894
x0= : -1.5056289563672E-12
y0= : -2.8832340547723E-12
*****
i=29880
k(29880)=0.99977918792087
kQ(29880)=0.99955842459971
r1= : 3.2541630599348E-12
rpunto1:= 6299737.8136193
rduepunti0 := -1.9395009140504E+25
fil := 488.03668355553
fipunto1 := 1.1780930338252E+18
fi_gradi := 27962.442215294
t1 := 1.0808947023855E-14
tpunto1 := 1.0008812623866
tduepunti0 := -3.3635725817207E+15
v=v_elettrone := 7377173.7225686
x0= : -1.505572366662E-12
y0= : -2.8840976691652E-12
```

```
*****
i=29881
k(29881)=0.99977934730121
kQ(29881)=0.99955874329004
r1= : 3.2549018849539E-12
rpunto1:= 6297464.1046421
rduepunti0 := -1.9387229791242E+25
fil := 488.03682172075
fipunto1 := 1.1775580854577E+18
fi_gradi := 27962.450131577
t1 := 1.0808947141237E-14
tpunto1 := 1.0008808682329
tduepunti0 := -3.3608292779981E+15
v=v_elettrone := 7374777.3828922
x0= : -1.5055156247927E-12
y0= : -2.8849609917899E-12
*****
i=29882
k(29882)=0.99977950656014
kQ(29882)=0.99955906173764
r1= : 3.2556404433154E-12
rpunto1:= 6295191.3071485
rduepunti0 := -1.9379457845373E+25
fil := 488.03695982322
fipunto1 := 1.1770236943141E+18
fi_gradi := 27962.458044266
t1 := 1.0808947258619E-14
tpunto1 := 1.0008804744006
tduepunti0 := -3.3580891590524E+15
v=v_elettrone := 7372382.2179703
x0= : -1.505458730869E-12
y0= : -2.885824022758E-12
*****
i=29883
k(29883)=0.99977966569779
kQ(29883)=0.99955937994278
r1= : 3.2563787351262E-12
rpunto1:= 6292919.4202714
rduepunti0 := -1.9371693293261E+25
fil := 488.03709786302
fipunto1 := 1.1764898595927E+18
fi_gradi := 27962.465953364
t1 := 1.0808947376001E-14
tpunto1 := 1.0008800808893
tduepunti0 := -3.3553522197351E+15
v=v_elettrone := 7369988.2280442
x0= : -1.505401685E-12
y0= : -2.8866867621809E-12
*****
i=29884
k(29884)=0.99977982471427
kQ(29884)=0.9995596979057
r1= : 3.2571167604931E-12
rpunto1:= 6290648.4431449
rduepunti0 := -1.936393612529E+25
fil := 488.03723584021
fipunto1 := 1.1759565804929E+18
fi_gradi := 27962.473858875
t1 := 1.0808947493383E-14
tpunto1 := 1.0008796876986
tduepunti0 := -3.3526184549085E+15
v=v_elettrone := 7367595.4100798
x0= : -1.5053444872946E-12
y0= : -2.8875492101701E-12
```

```
*****
i=29885
k(29885)=0.99977998360973
kQ(29885)=0.99956001562666
r1= : 3.2578545195227E-12
rpunto1: = 6288378.374904
rduepunti0 : = -1.9356186331855E+25
fil : = 488.03737375486
fipunto1 : = 1.1754238562159E+18
fi_gradi : = 27962.481760803
t1 : = 1.0808947610765E-14
tpunto1 : = 1.0008792948281
tduepunti0 : = -3.3498878594451E+15
v=v_elettrone : = 7365203.7642959
x0= : -1.505287137862E-12
y0= : -2.8884113668368E-12
*****
i=29886
k(29886)=0.99978014238428
kQ(29886)=0.99956033310594
r1= : 3.2585920123217E-12
rpunto1: = 6286109.214685
rduepunti0 : = -1.9348443903372E+25
fil : = 488.03751160704
fipunto1 : = 1.1748916859643E+18
fi_gradi : = 27962.48965915
t1 : = 1.0808947728147E-14
tpunto1 : = 1.0008789022775
tduepunti0 : = -3.3471604282279E+15
v=v_elettrone : = 7362813.2884746
x0= : -1.5052296368109E-12
y0= : -2.8892732322922E-12
*****
i=29887
k(29887)=0.99978030103807
kQ(29887)=0.99956065034378
r1= : 3.2593292389965E-12
rpunto1: = 6283840.9616253
rduepunti0 : = -1.9340708830272E+25
fil : = 488.0376493968
fipunto1 : = 1.1743600689421E+18
fi_gradi : = 27962.497553922
t1 : = 1.0808947845528E-14
tpunto1 : = 1.0008785100464
tduepunti0 : = -3.3444361561502E+15
v=v_elettrone : = 7360423.9820283
x0= : -1.5051719842502E-12
y0= : -2.8901348066474E-12
*****
i=29888
k(29888)=0.99978045957122
kQ(29888)=0.99956096734044
r1= : 3.2600661996536E-12
rpunto1: = 6281573.6148633
rduepunti0 : = -1.9332981103002E+25
fil : = 488.03778712422
fipunto1 : = 1.1738290043552E+18
fi_gradi : = 27962.505445122
t1 : = 1.080894796291E-14
tpunto1 : = 1.0008781181344
tduepunti0 : = -3.341715038116E+15
v=v_elettrone : = 7358035.8443799
x0= : -1.5051141802886E-12
y0= : -2.8909960900132E-12
```



```

*****
i=29889
k(29889)=0.99978061798386
kQ(29889)=0.99956128409618
r1= : 3.2608028943992E-12
rpunto1: = 6279307.1735387
rduepunti0 : = -1.9325260712024E+25
fil : = 488.03792478935
fipunto1 : = 1.1732984914105E+18
fi_gradi : = 27962.513332753
t1 : = 1.0808948080292E-14
tpunto1 : = 1.0008777265412
tduepunti0 : = -3.3389970690393E+15
v=v_elettrone : = 7355648.8741102
x0= : -1.5050562250343E-12
y0= : -2.8918570825007E-12
*****
i=29890
k(29890)=0.99978077627611
kQ(29890)=0.99956160061126
r1= : 3.2615393233395E-12
rpunto1: = 6277041.6367922
rduepunti0 : = -1.931754764782E+25
fil : = 488.03806239226
fipunto1 : = 1.1727685293166E+18
fi_gradi : = 27962.521216819
t1 : = 1.0808948197673E-14
tpunto1 : = 1.0008773352664
tduepunti0 : = -3.3362822438446E+15
v=v_elettrone : = 7353263.0698067
x0= : -1.5049981185958E-12
y0= : -2.8927177842204E-12
*****
i=29891
k(29891)=0.99978093444811
kQ(29891)=0.99956191688593
r1= : 3.2622754865807E-12
rpunto1: = 6274777.0037656
rduepunti0 : = -1.9309841900883E+25
fil : = 488.03819993302
fipunto1 : = 1.1722391172838E+18
fi_gradi : = 27962.529097324
t1 : = 1.0808948315055E-14
tpunto1 : = 1.0008769443096
tduepunti0 : = -3.3335705574668E+15
v=v_elettrone : = 7350878.4300668
x0= : -1.5049398610813E-12
y0= : -2.8935781952833E-12
*****
i=29892
k(29892)=0.99978109249998
kQ(29892)=0.99956223292045
r1= : 3.2630113842286E-12
rpunto1: = 6272513.273602
rduepunti0 : = -1.9302143461727E+25
fil : = 488.03833741169
fipunto1 : = 1.1717102545236E+18
fi_gradi : = 27962.536974272
t1 : = 1.0808948432437E-14
tpunto1 : = 1.0008765536705
tduepunti0 : = -3.3308620048507E+15
v=v_elettrone : = 7348494.9543084
x0= : -1.5048814525991E-12
y0= : -2.8944383157996E-12

```

```
*****
i=29893
k(29893)=0.99978125043185
kQ(29893)=0.99956254871508
r1= : 3.2637470163893E-12
rpunto1: = 6270250.4454452
rduepunti0 : = -1.929445232088E+25
fil : = 488.03847482834
fipunto1 : = 1.171181940249E+18
fi_gradi : = 27962.544847666
t1 : = 1.0808948549818E-14
tpunto1 : = 1.0008761633486
tduepunti0 : = -3.3281565809518E+15
v=v_elettrone : = 7346112.6410978
x0= : -1.504822893257E-12
y0= : -2.8952981458799E-12
*****
i=29894
k(29894)=0.99978140824385
kQ(29894)=0.99956286427006
r1= : 3.2644823831684E-12
rpunto1: = 6267988.5184406
rduepunti0 : = -1.9286768468886E+25
fil : = 488.03861218303
fipunto1 : = 1.1706541736747E+18
fi_gradi : = 27962.55271751
t1 : = 1.0808948667199E-14
tpunto1 : = 1.0008757733437
tduepunti0 : = -3.3254542807356E+15
v=v_elettrone : = 7343731.489858
x0= : -1.504764183163E-12
y0= : -2.8961576856345E-12
*****
i=29895
k(29895)=0.99978156593611
kQ(29895)=0.99956317958567
r1= : 3.2652174846716E-12
rpunto1: = 6265727.4917344
rduepunti0 : = -1.9279091896305E+25
fil : = 488.03874947582
fipunto1 : = 1.1701269540166E+18
fi_gradi : = 27962.560583807
t1 : = 1.0808948784581E-14
tpunto1 : = 1.0008753836553
tduepunti0 : = -3.3227550991778E+15
v=v_elettrone : = 7341351.4991798
x0= : -1.5047053224249E-12
y0= : -2.8970169351736E-12
*****
i=29896
k(29896)=0.99978172350876
kQ(29896)=0.99956349466214
r1= : 3.2659523210046E-12
rpunto1: = 6263467.3644739
rduepunti0 : = -1.9271422593713E+25
fil : = 488.03888670678
fipunto1 : = 1.1696002804924E+18
fi_gradi : = 27962.568446562
t1 : = 1.0808948901962E-14
tpunto1 : = 1.0008749942831
tduepunti0 : = -3.3200590312644E+15
v=v_elettrone : = 7338972.6684562
x0= : -1.5046463111503E-12
y0= : -2.8978758946075E-12
```

```
*****
i=29897
k(29897)=0.99978188096191
kQ(29897)=0.99956380949974
r1= : 3.2666868922729E-12
rpunto1: = 6261208.1358078
rduepunti0 : = -1.9263760551704E+25
fil : = 488.03902387597
fipunto1 : = 1.1690741523209E+18
fi_gradi : = 27962.576305778
t1 : = 1.0808949019344E-14
tpunto1 : = 1.0008746052268
tduepunti0 : = -3.3173660719913E+15
v=v_elettrone : = 7336594.9954565
x0= : -1.5045871494465E-12
y0= : -2.8987345640462E-12
*****
i=29898
k(29898)=0.99978203829571
kQ(29898)=0.99956412409872
r1= : 3.2674211985817E-12
rpunto1: = 6258949.8048855
rduepunti0 : = -1.9256105760886E+25
fil : = 488.03916098346
fipunto1 : = 1.1685485687227E+18
fi_gradi : = 27962.584161458
t1 : = 1.0808949136725E-14
tpunto1 : = 1.0008742164859
tduepunti0 : = -3.3146762163648E+15
v=v_elettrone : = 7334218.4795874
x0= : -1.5045278374211E-12
y0= : -2.8995929435996E-12
*****
i=29899
k(29899)=0.99978219551027
kQ(29899)=0.99956443845934
r1= : 3.2681552400365E-12
rpunto1: = 6256692.3708577
rduepunti0 : = -1.9248458211883E+25
fil : = 488.03929802931
fipunto1 : = 1.1680235289196E+18
fi_gradi : = 27962.592013607
t1 : = 1.0808949254106E-14
tpunto1 : = 1.0008738280601
tduepunti0 : = -3.3119894594013E+15
v=v_elettrone : = 7331843.1202452
x0= : -1.5044683751815E-12
y0= : -2.9004510333774E-12
*****
i=29900
k(29900)=0.99978235260572
kQ(29900)=0.99956475258184
r1= : 3.2688890167423E-12
rpunto1: = 6254435.8328763
rduepunti0 : = -1.9240817895335E+25
fil : = 488.03943501358
fipunto1 : = 1.1674990321351E+18
fi_gradi : = 27962.599862228
t1 : = 1.0808949371487E-14
tpunto1 : = 1.000873439949
tduepunti0 : = -3.309305796127E+15
v=v_elettrone : = 7329468.916022
x0= : -1.5044087628346E-12
y0= : -2.9013088334895E-12
```

```

*****
i=29901
k(29901)=0.9997825095822
kQ(29901)=0.99956506646647
r1= : 3.2696225288043E-12
rpunto1:= 6252180.1900942
rduepunti0 := -1.9233184801898E+25
fil := 488.03957193635
fipunto1 := 1.1669750775939E+18
fi_gradi := 27962.607707324
t1 := 1.0808949488868E-14
tpunto1 := 1.0008730521523
tduepunti0 := -3.3066252215784E+15
v=v_elettrone := 7327095.8654896
x0= : -1.5043490004876E-12
y0= : -2.9021663440455E-12
*****
i=29902
k(29902)=0.99978266643981
kQ(29902)=0.9995653801135
r1= : 3.2703557763275E-12
rpunto1:= 6249925.4416652
rduepunti0 := -1.9225558922246E+25
fil := 488.03970879766
fipunto1 := 1.1664516645224E+18
fi_gradi := 27962.6155489
t1 := 1.0808949606249E-14
tpunto1 := 1.0008726646696
tduepunti0 := -3.3039477308019E+15
v=v_elettrone := 7324723.9680519
x0= : -1.5042890882473E-12
y0= : -2.9030235651549E-12
*****
i=29903
k(29903)=0.9997828231787
kQ(29903)=0.99956569352317
r1= : 3.2710887594167E-12
rpunto1:= 6247671.5867445
rduepunti0 := -1.9217940247064E+25
fil := 488.03984559758
fipunto1 := 1.1659287921483E+18
fi_gradi := 27962.623386958
t1 := 1.080894972363E-14
tpunto1 := 1.0008722775006
tduepunti0 := -3.3012733188541E+15
v=v_elettrone := 7322353.2231216
x0= : -1.5042290262206E-12
y0= : -2.9038804969272E-12
*****
i=29904
k(29904)=0.99978297979899
kQ(29904)=0.99956600669574
r1= : 3.2718214781768E-12
rpunto1:= 6245418.6244882
rduepunti0 := -1.9210328767059E+25
fil := 488.03998233619
fipunto1 := 1.1654064597008E+18
fi_gradi := 27962.631221503
t1 := 1.0808949841011E-14
tpunto1 := 1.0008718906449
tduepunti0 := -3.2986019808013E+15
v=v_elettrone := 7319983.6276094
x0= : -1.5041688145139E-12
y0= : -2.9047371394717E-12

```

```
*****
i=29905
k(29905)=0.9997831363008
kQ(29905)=0.99956631963146
r1= : 3.2725539327123E-12
rpunto1:= 6243166.5540536
rduepunti0 := -1.9202724472947E+25
fil := 488.04011901354
fipunto1 := 1.1648846664105E+18
fi_gradi := 27962.639052538
t1 := 1.0808949958392E-14
tpunto1 := 1.0008715041021
tduepunti0 := -3.29593371172E+15
v=v_elettrone := 7317615.1825751
x0= : -1.5041084532341E-12
y0= : -2.9055934928975E-12
*****
i=29906
k(29906)=0.99978329268425
kQ(29906)=0.99956663233057
r1= : 3.2732861231281E-12
rpunto1:= 6240915.374599
rduepunti0 := -1.9195127355466E+25
fil := 488.04025562969
fipunto1 := 1.1643634115094E+18
fi_gradi := 27962.646880067
t1 := 1.0808950075773E-14
tpunto1 := 1.0008711178719
tduepunti0 := -3.2932685066965E+15
v=v_elettrone := 7315247.8857669
x0= : -1.5040479424875E-12
y0= : -2.9064495573139E-12
*****
i=29907
k(29907)=0.99978344894949
kQ(29907)=0.99956694479333
r1= : 3.2740180495284E-12
rpunto1:= 6238665.0852839
rduepunti0 := -1.9187537405365E+25
fil := 488.04039218471
fipunto1 := 1.1638426942312E+18
fi_gradi := 27962.654704093
t1 := 1.0808950193154E-14
tpunto1 := 1.0008707319539
tduepunti0 := -3.290606360827E+15
v=v_elettrone := 7312881.7365808
x0= : -1.5039872823804E-12
y0= : -2.9073053328298E-12
*****
i=29908
k(29908)=0.99978360509662
kQ(29908)=0.99956725701999
r1= : 3.2747497120177E-12
rpunto1:= 6236415.6852687
rduepunti0 := -1.9179954613412E+25
fil := 488.04052867866
fipunto1 := 1.1633225138107E+18
fi_gradi := 27962.662524621
t1 := 1.0808950310535E-14
tpunto1 := 1.0008703463477
tduepunti0 := -3.2879472692177E+15
v=v_elettrone := 7310516.7335958
x0= : -1.503926473019E-12
y0= : -2.9081608195542E-12
```

```
*****
i=29909
k(29909)=0.99978376112577
kQ(29909)=0.99956756901079
r1= : 3.2754811107004E-12
rpunto1: = 6234167.173715
rduepunti0 : = -1.9172378970387E+25
fil : = 488.0406651116
fipunto1 : = 1.1628028694843E+18
fi_gradi : = 27962.670341652
t1 : = 1.0808950427916E-14
tpunto1 : = 1.000869961053
tduepunti0 : = -3.2852912269845E+15
v=v_elettrone : = 7308152.8753802
x0= : -1.5038655145095E-12
y0= : -2.9090160175959E-12
*****
i=29910
k(29910)=0.99978391703708
kQ(29910)=0.999567880766
r1= : 3.2762122456805E-12
rpunto1: = 6231919.5497854
rduepunti0 : = -1.916481046709E+25
fil : = 488.0408014836
fipunto1 : = 1.1622837604898E+18
fi_gradi : = 27962.678155193
t1 : = 1.0808950545296E-14
tpunto1 : = 1.0008695760695
tduepunti0 : = -3.2826382292532E+15
v=v_elettrone : = 7305790.1621564
x0= : -1.5038044069577E-12
y0= : -2.9098709270635E-12
*****
i=29911
k(29911)=0.99978407283065
kQ(29911)=0.99956819228585
r1= : 3.2769431170623E-12
rpunto1: = 6229672.8126438
rduepunti0 : = -1.9157249094333E+25
fil : = 488.04093779472
fipunto1 : = 1.1617651860665E+18
fi_gradi : = 27962.685965244
t1 : = 1.0808950662677E-14
tpunto1 : = 1.0008691913968
tduepunti0 : = -3.2799882711595E+15
v=v_elettrone : = 7303428.591668
x0= : -1.5037431504696E-12
y0= : -2.9107255480658E-12
*****
i=29912
k(29912)=0.99978422850663
kQ(29912)=0.9995685035706
r1= : 3.2776737249496E-12
rpunto1: = 6227426.9614549
rduepunti0 : = -1.9149694842945E+25
fil : = 488.04107404503
fipunto1 : = 1.161247145455E+18
fi_gradi : = 27962.693771812
t1 : = 1.0808950780058E-14
tpunto1 : = 1.0008688070345
tduepunti0 : = -3.2773413478487E+15
v=v_elettrone : = 7301068.1641465
x0= : -1.5036817451508E-12
y0= : -2.9115798807112E-12
```

```
*****
i=29913
k(29913)=0.99978438406513
kQ(29913)=0.99956881462049
r1= : 3.2784040694465E-12
rpunto1:= 6225181.9953847
rduepunti0 := -1.9142147703771E+25
fil := 488.04121023458
fipunto1 := 1.1607296378973E+18
fi_gradi := 27962.701574898
t1 := 1.0808950897438E-14
tpunto1 := 1.0008684229822
tduepunti0 := -3.2746974544761E+15
v=v_elettrone := 7298708.8764871
x0= : -1.5036201911067E-12
y0= : -2.9124339251082E-12
*****
i=29914
k(29914)=0.99978453950627
kQ(29914)=0.99956912543577
r1= : 3.2791341506566E-12
rpunto1:= 6222937.9136
rduepunti0 := -1.913460766767E+25
fil := 488.04134636343
fipunto1 := 1.1602126626369E+18
fi_gradi := 27962.709374507
t1 := 1.0808951014819E-14
tpunto1 := 1.0008680392397
tduepunti0 := -3.2720565862065E+15
v=v_elettrone := 7296350.7289289
x0= : -1.5035584884432E-12
y0= : -2.9132876813651E-12
*****
i=29915
k(29915)=0.99978469483019
kQ(29915)=0.99956943601669
r1= : 3.2798639686838E-12
rpunto1:= 6220694.7152689
rduepunti0 := -1.9127074725518E+25
fil := 488.04148243166
fipunto1 := 1.1596962189187E+18
fi_gradi := 27962.717170642
t1 := 1.0808951132199E-14
tpunto1 := 1.0008676558065
tduepunti0 := -3.2694187382147E+15
v=v_elettrone := 7293993.7208575
x0= : -1.5034966372655E-12
y0= : -2.91414114959E-12
*****
i=29916
k(29916)=0.999784850037
kQ(29916)=0.9995697463635
r1= : 3.2805935236316E-12
rpunto1:= 6218452.3995606
rduepunti0 := -1.9119548868204E+25
fil := 488.04161843931
fipunto1 := 1.159180305989E+18
fi_gradi := 27962.724963307
t1 := 1.080895124958E-14
tpunto1 := 1.0008672726824
tduepunti0 := -3.2667839056848E+15
v=v_elettrone := 7291637.8500048
x0= : -1.5034346376788E-12
y0= : -2.9149943298913E-12
```

```
*****
i=29917
k(29917)=0.99978500512682
kQ(29917)=0.99957005647644
r1= : 3.2813228156036E-12
rpunto1:= 6216210.9656451
rduepunti0 := -1.9112030086636E+25
fil := 488.04175438646
fipunto1 := 1.1586649230956E+18
fi_gradi := 27962.732752505
t1 := 1.080895136696E-14
tpunto1 := 1.0008668898669
tduepunti0 := -3.264152083811E+15
v=v_elettrone := 7289283.116602
x0= : -1.5033724897882E-12
y0= : -2.9158472223767E-12
*****
i=29918
k(29918)=0.99978516009979
kQ(29918)=0.99957036635577
r1= : 3.2820518447031E-12
rpunto1:= 6213970.4126937
rduepunti0 := -1.9104518371734E+25
fil := 488.04189027317
fipunto1 := 1.1581500694875E+18
fi_gradi := 27962.74053824
t1 := 1.0808951484341E-14
tpunto1 := 1.0008665073597
tduepunti0 := -3.2615232677967E+15
v=v_elettrone := 7286929.5175481
x0= : -1.5033101936987E-12
y0= : -2.9166998271544E-12
*****
i=29919
k(29919)=0.99978531495602
kQ(29919)=0.99957067600172
r1= : 3.2827806110335E-12
rpunto1:= 6211730.7398788
rduepunti0 := -1.9097013714436E+25
fil := 488.0420260995
fipunto1 := 1.1576357444151E+18
fi_gradi := 27962.748320515
t1 := 1.0808951601721E-14
tpunto1 := 1.0008661251605
tduepunti0 := -3.2588974528554E+15
v=v_elettrone := 7284577.0539003
x0= : -1.5032477495154E-12
y0= : -2.917552144332E-12
*****
i=29920
k(29920)=0.99978546969564
kQ(29920)=0.99957098541454
r1= : 3.283509114698E-12
rpunto1:= 6209491.9463735
rduepunti0 := -1.9089516105692E+25
fil := 488.04216186551
fipunto1 := 1.1571219471305E+18
fi_gradi := 27962.756099334
t1 := 1.0808951719101E-14
tpunto1 := 1.0008657432688
tduepunti0 := -3.2562746342098E+15
v=v_elettrone := 7282225.7242039
x0= : -1.503185157343E-12
y0= : -2.9184041740173E-12
```



```
*****
i=29921
k(29921)=0.99978562431877
kQ(29921)=0.99957129459448
r1= : 3.2842373557998E-12
rpunto1:= 6207254.0313525
rduepunti0 := -1.9082025536471E+25
fil := 488.04229757126
fipunto1 := 1.1566086768869E+18
fi_gradi := 27962.763874701
t1 := 1.0808951836481E-14
tpunto1 := 1.0008653616845
tduepunti0 := -3.2536548070924E+15
v=v_elettrone := 7279875.5262034
x0= : -1.503122417286E-12
y0= : -2.919255916318E-12
*****
i=29922
k(29922)=0.99978577882554
kQ(29922)=0.99957160354178
r1= : 3.2849653344417E-12
rpunto1:= 6205016.9939911
rduepunti0 := -1.9074541997754E+25
fil := 488.04243321681
fipunto1 := 1.156095932939E+18
fi_gradi := 27962.771646619
t1 := 1.0808951953862E-14
tpunto1 := 1.000864980407
tduepunti0 := -3.2510379667451E+15
v=v_elettrone := 7277526.460112
x0= : -1.5030595294491E-12
y0= : -2.9201073713415E-12
*****
i=29923
k(29923)=0.99978593321605
kQ(29923)=0.99957191225669
r1= : 3.2856930507269E-12
rpunto1:= 6202780.8334659
rduepunti0 := -1.9067065480539E+25
fil := 488.04256880223
fipunto1 := 1.1555837145428E+18
fi_gradi := 27962.779415091
t1 := 1.0808952071242E-14
tpunto1 := 1.000864599436
tduepunti0 := -3.2484241084195E+15
v=v_elettrone := 7275178.5236562
x0= : -1.5029964939366E-12
y0= : -2.9209585391953E-12
*****
i=29924
k(29924)=0.99978608749045
kQ(29924)=0.99957222073946
r1= : 3.2864205047581E-12
rpunto1:= 6200545.5489544
rduepunti0 := -1.9059595975839E+25
fil := 488.04270432758
fipunto1 := 1.1550720209557E+18
fi_gradi := 27962.787180121
t1 := 1.0808952188622E-14
tpunto1 := 1.0008642187713
tduepunti0 := -3.2458132273766E+15
v=v_elettrone := 7272831.7170573
x0= : -1.5029333108531E-12
y0= : -2.9218094199867E-12
```

```
*****
i=29925
k(29925)=0.99978624164884
kQ(29925)=0.99957252899032
r1= : 3.287147696638E-12
rpunto1:= 6198311.1396353
rduepunti0 := -1.9052133474682E+25
fil := 488.04283979292
fipunto1 := 1.1545608514367E+18
fi_gradi := 27962.794941714
t1 := 1.0808952306002E-14
tpunto1 := 1.0008638384124
tduepunti0 := -3.2432053188868E+15
v=v_elettrone := 7270486.0388752
x0= : -1.5028699803025E-12
y0= : -2.922660013823E-12
*****
i=29926
k(29926)=0.99978639569136
kQ(29926)=0.99957283700951
r1= : 3.2878746264693E-12
rpunto1:= 6196077.6046883
rduepunti0 := -1.9044677968111E+25
fil := 488.04297519831
fipunto1 := 1.1540502052459E+18
fi_gradi := 27962.802699871
t1 := 1.0808952423382E-14
tpunto1 := 1.0008634583591
tduepunti0 := -3.2406003782302E+15
v=v_elettrone := 7268141.4876449
x0= : -1.502806502389E-12
y0= : -2.9235103208112E-12
*****
i=29927
k(29927)=0.99978654961811
kQ(29927)=0.9995731447973
r1= : 3.2886012943546E-12
rpunto1:= 6193844.9432941
rduepunti0 := -1.9037229447183E+25
fil := 488.04311054381
fipunto1 := 1.1535400816448E+18
fi_gradi := 27962.810454597
t1 := 1.0808952540762E-14
tpunto1 := 1.0008630786108
tduepunti0 := -3.2379984006961E+15
v=v_elettrone := 7265798.0619495
x0= : -1.5027428772165E-12
y0= : -2.9243603410585E-12
*****
i=29928
k(29928)=0.99978670342924
kQ(29928)=0.9995734523539
r1= : 3.2893277003962E-12
rpunto1:= 6191613.1546344
rduepunti0 := -1.9029787902972E+25
fil := 488.04324582948
fipunto1 := 1.1530304798965E+18
fi_gradi := 27962.818205895
t1 := 1.0808952658142E-14
tpunto1 := 1.0008626991674
tduepunti0 := -3.2353993815833E+15
v=v_elettrone := 7263455.761979
x0= : -1.5026791048891E-12
y0= : -2.9252100746716E-12
```

```
*****
i=29929
k(29929)=0.99978685712485
kQ(29929)=0.99957375967958
r1= : 3.2900538446966E-12
rpunto1 : = 6189382.2378922
rduepunti0 : = -1.9022353326565E+25
fil : = 488.04338105539
fipunto1 : = 1.1525213992652E+18
fi_gradi : = 27962.825953769
t1 : = 1.0808952775522E-14
tpunto1 : = 1.0008623200285
tduepunti0 : = -3.2328033162001E+15
v=v_elettrone : = 7261114.5863101
x0= : -1.5026151855102E-12
y0= : -2.9260595217575E-12
*****
i=29930
k(29930)=0.99978701070506
kQ(29930)=0.99957406677457
r1= : 3.290779727358E-12
rpunto1 : = 6187152.1922512
rduepunti0 : = -1.9014925709066E+25
fil : = 488.04351622159
fipunto1 : = 1.1520128390166E+18
fi_gradi : = 27962.833698222
t1 : = 1.0808952892901E-14
tpunto1 : = 1.0008619411936
tduepunti0 : = -3.2302101998639E+15
v=v_elettrone : = 7258774.53264
x0= : -1.5025511191836E-12
y0= : -2.926908682423E-12
*****
i=29931
k(29931)=0.99978716417001
kQ(29931)=0.99957437363911
r1= : 3.2915053484826E-12
rpunto1 : = 6184923.0168965
rduepunti0 : = -1.9007505041593E+25
fil : = 488.04365132815
fipunto1 : = 1.1515047984177E+18
fi_gradi : = 27962.841439257
t1 : = 1.0808953010281E-14
tpunto1 : = 1.0008615626626
tduepunti0 : = -3.2276200279018E+15
v=v_elettrone : = 7256435.601191
x0= : -1.5024869060129E-12
y0= : -2.9277575567745E-12
*****
i=29932
k(29932)=0.9997873175198
kQ(29932)=0.99957468027344
r1= : 3.2922307081723E-12
rpunto1 : = 6182694.7110138
rduepunti0 : = -1.9000091315278E+25
fil : = 488.04378637513
fipunto1 : = 1.1509972767369E+18
fi_gradi : = 27962.849176879
t1 : = 1.0808953127661E-14
tpunto1 : = 1.0008611844349
tduepunti0 : = -3.2250327956499E+15
v=v_elettrone : = 7254097.7913545
x0= : -1.5024225461014E-12
y0= : -2.9286061449187E-12
```

```
*****
i=29933
k(29933)=0.99978747075456
kQ(29933)=0.99957498667781
r1= : 3.2929558065293E-12
rpunto1 : = 6180467.2737903
rduepunti0 : = -1.8992684521269E+25
fil : = 488.04392136259
fipunto1 : = 1.150490273244E+18
fi_gradi : = 27962.856911091
t1 : = 1.0808953245041E-14
tpunto1 : = 1.0008608065104
tduepunti0 : = -3.2224484984538E+15
v=v_elettrone : = 7251761.1008346
x0= : -1.5023580395522E-12
y0= : -2.929454446962E-12
*****
i=29934
k(29934)=0.99978762387442
kQ(29934)=0.99957529285245
r1= : 3.2936806436554E-12
rpunto1 : = 6178240.7044139
rduepunti0 : = -1.8985284650728E+25
fil : = 488.04405629058
fipunto1 : = 1.1499837872101E+18
fi_gradi : = 27962.864641896
t1 : = 1.080895336242E-14
tpunto1 : = 1.0008604288886
tduepunti0 : = -3.2198671316683E+15
v=v_elettrone : = 7249425.5290126
x0= : -1.5022933864687E-12
y0= : -2.9303024630108E-12
*****
i=29935
k(29935)=0.99978777687948
kQ(29935)=0.99957559879762
r1= : 3.2944052196523E-12
rpunto1 : = 6176015.0020738
rduepunti0 : = -1.8977891694833E+25
fil : = 488.04419115918
fipunto1 : = 1.1494778179075E+18
fi_gradi : = 27962.872369297
t1 : = 1.08089534798E-14
tpunto1 : = 1.0008600515692
tduepunti0 : = -3.2172886906575E+15
v=v_elettrone : = 7247091.0752701
x0= : -1.5022285869539E-12
y0= : -2.9311501931713E-12
*****
i=29936
k(29936)=0.99978792976988
kQ(29936)=0.99957590451353
r1= : 3.2951295346217E-12
rpunto1 : = 6173790.1659599
rduepunti0 : = -1.8970505644777E+25
fil : = 488.04432596843
fipunto1 : = 1.1489723646102E+18
fi_gradi : = 27962.880093298
t1 : = 1.0808953597179E-14
tpunto1 : = 1.0008596745518
tduepunti0 : = -3.2147131707947E+15
v=v_elettrone : = 7244757.7381637
x0= : -1.5021636411107E-12
y0= : -2.9319976375497E-12
```

```
*****
i=29937
k(29937)=0.99978808254572
kQ(29937)=0.99957621000045
r1= : 3.2958535886653E-12
rpunto1 : = 6171566.1952635
rduepunti0 : = -1.8963126491765E+25
fil : = 488.04446071841
fipunto1 : = 1.1484674265931E+18
fi_gradi : = 27962.887813903
t1 : = 1.0808953714559E-14
tpunto1 : = 1.0008592978362
tduepunti0 : = -3.2121405674623E+15
v=v_elettrone : = 7242425.516212
x0= : -1.5020985490419E-12
y0= : -2.932844796252E-12
*****
i=29938
k(29938)=0.99978823520714
kQ(29938)=0.9995765152586
r1= : 3.2965773818845E-12
rpunto1 : = 6169343.0891766
rduepunti0 : = -1.895575422702E+25
fil : = 488.04459540917
fipunto1 : = 1.1479630031329E+18
fi_gradi : = 27962.895531115
t1 : = 1.0808953831938E-14
tpunto1 : = 1.0008589214219
tduepunti0 : = -3.2095708760521E+15
v=v_elettrone : = 7240094.4096617
x0= : -1.5020333108503E-12
y0= : -2.9336916693841E-12
*****
i=29939
k(29939)=0.99978838775424
kQ(29939)=0.99957682028822
r1= : 3.2973009143807E-12
rpunto1 : = 6167120.8468925
rduepunti0 : = -1.8948388841777E+25
fil : = 488.04473004077
fipunto1 : = 1.1474590935072E+18
fi_gradi : = 27962.903244938
t1 : = 1.0808953949318E-14
tpunto1 : = 1.0008585453086
tduepunti0 : = -3.207004091965E+15
v=v_elettrone : = 7237764.4161845
x0= : -1.5019679266384E-12
y0= : -2.934538257052E-12
*****
i=29940
k(29940)=0.99978854018716
kQ(29940)=0.99957712508956
r1= : 3.2980241862552E-12
rpunto1 : = 6164899.4676054
rduepunti0 : = -1.8941030327289E+25
fil : = 488.04486461327
fipunto1 : = 1.1469556969953E+18
fi_gradi : = 27962.910955374
t1 : = 1.0808954066697E-14
tpunto1 : = 1.0008581694961
tduepunti0 : = -3.204440210611E+15
v=v_elettrone : = 7235435.5360187
x0= : -1.5019023965088E-12
y0= : -2.9353845593613E-12
```

```
*****
i=29941
k(29941)=0.999788692506
kQ(29941)=0.99957742966285
r1= : 3.2987471976093E-12
rpunto1:= 6162678.9505104
rduepunti0 := -1.8933678674819E+25
fil := 488.04499912674
fipunto1 := 1.1464528128776E+18
fi_gradi := 27962.918662428
t1 := 1.0808954184077E-14
tpunto1 := 1.0008577939839
tduepunti0 := -3.2018792274092E+15
v=v_elettrone := 7233107.7668585
x0= : -1.5018367205636E-12
y0= : -2.9362305764178E-12
*****
i=29942
k(29942)=0.99978884471089
kQ(29942)=0.99957773400834
r1= : 3.299469948544E-12
rpunto1:= 6160459.2948039
rduepunti0 := -1.892633387565E+25
fil := 488.04513358123
fipunto1 := 1.1459504404359E+18
fi_gradi := 27962.926366103
t1 := 1.0808954301456E-14
tpunto1 := 1.0008574187717
tduepunti0 := -3.1993211377878E+15
v=v_elettrone := 7230781.1080812
x0= : -1.5017708989053E-12
y0= : -2.9370763083271E-12
*****
i=29943
k(29943)=0.99978899680195
kQ(29943)=0.99957803812624
r1= : 3.3001924391605E-12
rpunto1:= 6158240.4996832
rduepunti0 := -1.8918995921074E+25
fil := 488.0452679768
fipunto1 := 1.1454485789533E+18
fi_gradi := 27962.934066402
t1 := 1.0808954418835E-14
tpunto1 := 1.0008570438591
tduepunti0 := -3.1967659371843E+15
v=v_elettrone := 7228455.5590573
x0= : -1.501704931636E-12
y0= : -2.9379217551945E-12
*****
i=29944
k(29944)=0.99978914877929
kQ(29944)=0.99957834201682
r1= : 3.3009146695595E-12
rpunto1:= 6156022.5643464
rduepunti0 := -1.8911664802402E+25
fil := 488.04540231351
fipunto1 := 1.1449472277142E+18
fi_gradi := 27962.941763329
t1 := 1.0808954536214E-14
tpunto1 := 1.0008566692459
tduepunti0 := -3.1942136210448E+15
v=v_elettrone := 7226131.1183332
x0= : -1.5016388188577E-12
y0= : -2.9387669171255E-12
```

```
*****
i=29945
k(29945)=0.99978930064304
kQ(29945)=0.99957864568029
r1= : 3.3016366398419E-12
rpunto1: = 6153805.487993
rduepunti0 : = -1.8904340510958E+25
fil : = 488.04553659143
fipunto1 : = 1.1444463860045E+18
fi_gradi : = 27962.949456886
t1 : = 1.0808954653594E-14
tpunto1 : = 1.0008562949317
tduepunti0 : = -3.191664184825E+15
v=v_elettrone : = 7223807.7852699
x0= : -1.5015725606724E-12
y0= : -2.9396117942253E-12
*****
i=29946
k(29946)=0.99978945239331
kQ(29946)=0.99957894911691
r1= : 3.3023583501086E-12
rpunto1: = 6151589.2698232
rduepunti0 : = -1.8897023038079E+25
fil : = 488.0456708106
fipunto1 : = 1.1439460531111E+18
fi_gradi : = 27962.957147079
t1 : = 1.0808954770973E-14
tpunto1 : = 1.0008559209162
tduepunti0 : = -3.1891176239891E+15
v=v_elettrone : = 7221485.5584167
x0= : -1.5015061571818E-12
y0= : -2.9404563865992E-12
*****
i=29947
k(29947)=0.99978960403021
kQ(29947)=0.99957925232689
r1= : 3.3030798004601E-12
rpunto1: = 6149373.9090385
rduepunti0 : = -1.8889712375119E+25
fil : = 488.0458049711
fipunto1 : = 1.1434462283225E+18
fi_gradi : = 27962.964833909
t1 : = 1.0808954888352E-14
tpunto1 : = 1.000855547199
tduepunti0 : = -3.1865739340107E+15
v=v_elettrone : = 7219164.4371391
x0= : -1.5014396084876E-12
y0= : -2.9413006943522E-12
*****
i=29948
k(29948)=0.99978975555388
kQ(29948)=0.99957955531049
r1= : 3.3038009909969E-12
rpunto1: = 6147159.404841
rduepunti0 : = -1.8882408513445E+25
fil : = 488.04593907298
fipunto1 : = 1.1429469109284E+18
fi_gradi : = 27962.972517381
t1 : = 1.0808955005731E-14
tpunto1 : = 1.0008551737797
tduepunti0 : = -3.184033110372E+15
v=v_elettrone : = 7216844.4199688
x0= : -1.5013729146914E-12
y0= : -2.9421447175893E-12
```

```
*****
i=29949
k(29949)=0.99978990696443
kQ(29949)=0.99957985806794
r1= : 3.3045219218196E-12
rpunto1:= 6144945.7564344
rduepunti0 := -1.8875111444437E+25
fil := 488.0460731163
fipunto1 := 1.1424481002197E+18
fi_gradi := 27962.980197497
t1 := 1.080895512311E-14
tpunto1 := 1.0008548006581
tduepunti0 := -3.1814951485645E+15
v=v_elettrone := 7214525.5062754
x0= : -1.5013060758947E-12
y0= : -2.9429884564153E-12
*****
i=29950
k(29950)=0.99979005826197
kQ(29950)=0.99958016059946
r1= : 3.3052425930285E-12
rpunto1:= 6142732.9630228
rduepunti0 := -1.8867821159493E+25
fil := 488.04620710112
fipunto1 := 1.1419497954889E+18
fi_gradi := 27962.987874262
t1 := 1.0808955240489E-14
tpunto1 := 1.0008544278338
tduepunti0 := -3.1789600440884E+15
v=v_elettrone := 7212207.694594
x0= : -1.5012390921989E-12
y0= : -2.9438319109352E-12
*****
i=29951
k(29951)=0.99979020944662
kQ(29951)=0.99958046290531
r1= : 3.3059630047239E-12
rpunto1:= 6140521.0238116
rduepunti0 := -1.8860537650023E+25
fil := 488.0463410275
fipunto1 := 1.1414519960293E+18
fi_gradi := 27962.995547678
t1 := 1.0808955357868E-14
tpunto1 := 1.0008540553065
tduepunti0 := -3.1764277924528E+15
v=v_elettrone := 7209890.985136
x0= : -1.5011719637052E-12
y0= : -2.9446750812535E-12
*****
i=29952
k(29952)=0.99979036051849
kQ(29952)=0.9995807649857
r1= : 3.306683157006E-12
rpunto1:= 6138309.9380074
rduepunti0 := -1.8853260907451E+25
fil := 488.0464748955
fipunto1 := 1.1409547011361E+18
fi_gradi := 27963.00321775
t1 := 1.0808955475246E-14
tpunto1 := 1.0008536830759
tduepunti0 := -3.1738983891759E+15
v=v_elettrone := 7207575.3755858
x0= : -1.5011046905147E-12
y0= : -2.945517967475E-12
```



```

*****
i=29953
k(29953)=0.99979051147772
kQ(29953)=0.99958106684088
r1= : 3.3074030499748E-12
rpunto1 : = 6136099.7048173
rduepunti0 : = -1.8845990923215E+25
fil : = 488.04660870518
fipunto1 : = 1.1404579101052E+18
fi_gradi : = 27963.010884479
t1 : = 1.0808955592625E-14
tpunto1 : = 1.0008533111415
tduepunti0 : = -3.1713718297845E+15
v=v_elettrone : = 7205260.8653131
x0= : -1.5010372727283E-12
y0= : -2.9463605697041E-12
*****
i=29954
k(29954)=0.99979066232441
kQ(29954)=0.99958136847108
r1= : 3.3081226837303E-12
rpunto1 : = 6133890.32345
rduepunti0 : = -1.883872768877E+25
fil : = 488.04674245659
fipunto1 : = 1.1399616222344E+18
fi_gradi : = 27963.018547871
t1 : = 1.0808955710004E-14
tpunto1 : = 1.0008529395032
tduepunti0 : = -3.1688481098145E+15
v=v_elettrone : = 7202947.4528539
x0= : -1.5009697104471E-12
y0= : -2.9472028880453E-12
*****
i=29955
k(29955)=0.99979081305867
kQ(29955)=0.99958166987652
r1= : 3.3088420583725E-12
rpunto1 : = 6131681.7931146
rduepunti0 : = -1.8831471195582E+25
fil : = 488.0468761498
fipunto1 : = 1.1394658368222E+18
fi_gradi : = 27963.026207928
t1 : = 1.0808955827383E-14
tpunto1 : = 1.0008525681604
tduepunti0 : = -3.1663272248103E+15
v=v_elettrone : = 7200635.137561
x0= : -1.500902003772E-12
y0= : -2.9480449226028E-12
*****
i=29956
k(29956)=0.99979096368064
kQ(29956)=0.99958197105746
r1= : 3.3095611740011E-12
rpunto1 : = 6129474.1130217
rduepunti0 : = -1.8824221435133E+25
fil : = 488.04700978486
fipunto1 : = 1.1389705531689E+18
fi_gradi : = 27963.033864653
t1 : = 1.0808955944761E-14
tpunto1 : = 1.000852197113
tduepunti0 : = -3.1638091703254E+15
v=v_elettrone : = 7198323.9196524
x0= : -1.5008341528035E-12
y0= : -2.9488866734809E-12

```

```
*****
i=29957
k(29957)=0.99979111419042
kQ(29957)=0.99958227201411
r1= : 3.3102800307159E-12
rpunto1: = 6127267.2823827
rduepunti0 : = -1.8816978398919E+25
fil : = 488.04714336184
fipunto1 : = 1.1384757705756E+18
fi_gradi : = 27963.04151805
t1 : = 1.080895606214E-14
tpunto1 : = 1.0008518263606
tduepunti0 : = -3.161293941922E+15
v=v_elettrone : = 7196013.7959644
x0= : -1.5007661576422E-12
y0= : -2.9497281407838E-12
*****
i=29958
k(29958)=0.99979126458812
kQ(29958)=0.99958257274672
r1= : 3.3109986286165E-12
rpunto1: = 6125061.3004098
rduepunti0 : = -1.880974207845E+25
fil : = 488.04727688079
fipunto1 : = 1.1379814883451E+18
fi_gradi : = 27963.049168122
t1 : = 1.0808956179519E-14
tpunto1 : = 1.0008514559028
tduepunti0 : = -3.1587815351709E+15
v=v_elettrone : = 7193704.7667045
x0= : -1.5006980183886E-12
y0= : -2.9505693246153E-12
*****
i=29959
k(29959)=0.99979141487388
kQ(29959)=0.99958287325551
r1= : 3.3117169678024E-12
rpunto1: = 6122856.1663165
rduepunti0 : = -1.8802512465249E+25
fil : = 488.04741034177
fipunto1 : = 1.1374877057813E+18
fi_gradi : = 27963.056814873
t1 : = 1.0808956296897E-14
tpunto1 : = 1.0008510857394
tduepunti0 : = -3.1562719456518E+15
v=v_elettrone : = 7191396.831242
x0= : -1.5006297351431E-12
y0= : -2.9514102250796E-12
*****
i=29960
k(29960)=0.99979156504779
kQ(29960)=0.99958317354071
r1= : 3.312435048373E-12
rpunto1: = 6120651.8793172
rduepunti0 : = -1.8795289550854E+25
fil : = 488.04754374485
fipunto1 : = 1.1369944221892E+18
fi_gradi : = 27963.064458306
t1 : = 1.0808956414276E-14
tpunto1 : = 1.0008507158699
tduepunti0 : = -3.1537651689531E+15
v=v_elettrone : = 7189089.9872474
x0= : -1.5005613080059E-12
y0= : -2.9522508422805E-12
```

```
*****
i=29961
k(29961)=0.99979171510998
kQ(29961)=0.99958347360256
r1= : 3.3131528704277E-12
rpunto1 : = 6118448.4386272
rduepunti0 : = -1.8788073326818E+25
fil : = 488.04767709007
fipunto1 : = 1.1365016368754E+18
fi_gradi : = 27963.072098424
t1 : = 1.0808956531654E-14
tpunto1 : = 1.0008503462941
tduepunti0 : = -3.1512612006719E+15
v=v_elettrone : = 7186784.2349409
x0= : -1.5004927370772E-12
y0= : -2.9530911763216E-12
*****
i=29962
k(29962)=0.99979186506056
kQ(29962)=0.99958377344128
r1= : 3.3138704340658E-12
rpunto1 : = 6116245.8434629
rduepunti0 : = -1.8780863784706E+25
fil : = 488.04781037749
fipunto1 : = 1.1360093491476E+18
fi_gradi : = 27963.079735232
t1 : = 1.0808956649033E-14
tpunto1 : = 1.0008499770117
tduepunti0 : = -3.1487600364139E+15
v=v_elettrone : = 7184479.5728308
x0= : -1.500424022457E-12
y0= : -2.9539312273067E-12
*****
i=29963
k(29963)=0.99979201489966
kQ(29963)=0.99958407305712
r1= : 3.3145877393865E-12
rpunto1 : = 6114044.0930416
rduepunti0 : = -1.87736609161E+25
fil : = 488.04794360719
fipunto1 : = 1.1355175583147E+18
fi_gradi : = 27963.087368731
t1 : = 1.0808956766411E-14
tpunto1 : = 1.0008496080222
tduepunti0 : = -3.1462616717935E+15
v=v_elettrone : = 7182176.0002765
x0= : -1.5003551642452E-12
y0= : -2.9547709953393E-12
*****
i=29964
k(29964)=0.99979216462737
kQ(29964)=0.99958437245029
r1= : 3.3153047864887E-12
rpunto1 : = 6111843.1865817
rduepunti0 : = -1.8766464712592E+25
fil : = 488.0480767792
fipunto1 : = 1.135026263687E+18
fi_gradi : = 27963.094998925
t1 : = 1.0808956883789E-14
tpunto1 : = 1.0008492393254
tduepunti0 : = -3.1437661024338E+15
v=v_elettrone : = 7179873.5149613
x0= : -1.5002861625415E-12
y0= : -2.955610480523E-12
```

```
*****
i=29965
k(29965)=0.99979231424383
kQ(29965)=0.99958467162103
r1= : 3.3160215754714E-12
rpunto1 : = 6109643.1233024
rduepunti0 : = -1.875927516579E+25
fil : = 488.0482098936
fipunto1 : = 1.134535464576E+18
fi_gradi : = 27963.102625818
t1 : = 1.0808957001168E-14
tpunto1 : = 1.000848870921
tduepunti0 : = -3.1412733239663E+15
v=v_elettrone : = 7177572.1179355
x0= : -1.5002170174459E-12
y0= : -2.956449682961E-12
*****
i=29966
k(29966)=0.99979246374914
kQ(29966)=0.99958497056957
r1= : 3.3167381064337E-12
rpunto1 : = 6107443.902424
rduepunti0 : = -1.8752092267318E+25
fil : = 488.04834295044
fipunto1 : = 1.1340451602944E+18
fi_gradi : = 27963.110249413
t1 : = 1.0808957118546E-14
tpunto1 : = 1.0008485028086
tduepunti0 : = -3.1387833320314E+15
v=v_elettrone : = 7175271.8068518
x0= : -1.5001477290578E-12
y0= : -2.9572886027567E-12
*****
i=29967
k(29967)=0.99979261314342
kQ(29967)=0.99958526929614
r1= : 3.3174543794741E-12
rpunto1 : = 6105245.5231679
rduepunti0 : = -1.874491600881E+25
fil : = 488.04847594977
fipunto1 : = 1.1335553501563E+18
fi_gradi : = 27963.117869714
t1 : = 1.0808957235924E-14
tpunto1 : = 1.0008481349879
tduepunti0 : = -3.1362961222778E+15
v=v_elettrone : = 7172972.581094
x0= : -1.5000782974766E-12
y0= : -2.9581272400133E-12
*****
i=29968
k(29968)=0.99979276242678
kQ(29968)=0.99958556780097
r1= : 3.3181703946916E-12
rpunto1 : = 6103047.9847562
rduepunti0 : = -1.8737746381915E+25
fil : = 488.04860889166
fipunto1 : = 1.1330660334769E+18
fi_gradi : = 27963.125486723
t1 : = 1.0808957353302E-14
tpunto1 : = 1.0008477674586
tduepunti0 : = -3.1338116903629E+15
v=v_elettrone : = 7170674.4391672
x0= : -1.5000087228018E-12
y0= : -2.9589655948339E-12
```

```
*****
i=29969
k(29969)=0.99979291159934
kQ(29969)=0.99958586608428
r1= : 3.3188861521846E-12
rpunto1 : = 6100851.2864123
rduepunti0 : = -1.8730583378298E+25
fil : = 488.04874177616
fipunto1 : = 1.1325772095728E+18
fi_gradi : = 27963.133100444
t1 : = 1.080895747068E-14
tpunto1 : = 1.0008474002203
tduepunti0 : = -3.1313300319526E+15
v=v_elettrone : = 7168377.3804171
x0= : -1.4999390051328E-12
y0= : -2.9598036673213E-12
*****
i=29970
k(29970)=0.99979306066121
kQ(29970)=0.99958616414631
r1= : 3.3196016520516E-12
rpunto1 : = 6098655.4273603
rduepunti0 : = -1.8723426989636E+25
fil : = 488.04887460334
fipunto1 : = 1.1320888777616E+18
fi_gradi : = 27963.140710881
t1 : = 1.0808957588058E-14
tpunto1 : = 1.0008470332727
tduepunti0 : = -3.1288511427213E+15
v=v_elettrone : = 7166081.4050671
x0= : -1.4998691445686E-12
y0= : -2.9606414575787E-12
*****
i=29971
k(29971)=0.99979320961251
kQ(29971)=0.99958646198728
r1= : 3.3203168943912E-12
rpunto1 : = 6096460.4068253
rduepunti0 : = -1.871627720762E+25
fil : = 488.04900737324
fipunto1 : = 1.1316010373624E+18
fi_gradi : = 27963.148318036
t1 : = 1.0808957705436E-14
tpunto1 : = 1.0008466666155
tduepunti0 : = -3.1263750183518E+15
v=v_elettrone : = 7163786.5099233
x0= : -1.4997991412081E-12
y0= : -2.9614789657087E-12
*****
i=29972
k(29972)=0.99979335845335
kQ(29972)=0.99958675960742
r1= : 3.3210318793017E-12
rpunto1 : = 6094266.2240336
rduepunti0 : = -1.8709134023954E+25
fil : = 488.04914008593
fipunto1 : = 1.1311136876954E+18
fi_gradi : = 27963.155921913
t1 : = 1.0808957822814E-14
tpunto1 : = 1.0008463002484
tduepunti0 : = -3.1239016545357E+15
v=v_elettrone : = 7161492.6951945
x0= : -1.4997289951506E-12
y0= : -2.9623161918142E-12
```

```
*****
i=29973
k(29973)=0.99979350718384
kQ(29973)=0.99958705700696
r1= : 3.3217466068813E-12
rpunto1 : = 6092072.8782123
rduepunti0 : = -1.8701997430357E+25
fil : = 488.04927274147
fipunto1 : = 1.1306268280821E+18
fi_gradi : = 27963.163522515
t1 : = 1.0808957940192E-14
tpunto1 : = 1.000845934171
tduepunti0 : = -3.1214310469726E+15
v=v_elettrone : = 7159199.9602293
x0= : -1.4996587064947E-12
y0= : -2.9631531359977E-12
*****
i=29974
k(29974)=0.9997936558041
kQ(29974)=0.99958735418613
r1= : 3.3224610772281E-12
rpunto1 : = 6089880.3685894
rduepunti0 : = -1.8694867418561E+25
fil : = 488.04940533991
fipunto1 : = 1.1301404578452E+18
fi_gradi : = 27963.171119846
t1 : = 1.080895805757E-14
tpunto1 : = 1.0008455683831
tduepunti0 : = -3.1189631913709E+15
v=v_elettrone : = 7156908.3035421
x0= : -1.4995882753392E-12
y0= : -2.9639897983617E-12
*****
i=29975
k(29975)=0.99979380431424
kQ(29975)=0.99958765114514
r1= : 3.3231752904403E-12
rpunto1 : = 6087688.6943941
rduepunti0 : = -1.8687743980311E+25
fil : = 488.0495378813
fipunto1 : = 1.1296545763087E+18
fi_gradi : = 27963.178713909
t1 : = 1.0808958174948E-14
tpunto1 : = 1.0008452028843
tduepunti0 : = -3.1164980834471E+15
v=v_elettrone : = 7154617.723637
x0= : -1.4995177017826E-12
y0= : -2.9648261790089E-12
*****
i=29976
k(29976)=0.99979395271438
kQ(29976)=0.99958794788424
r1= : 3.3238892466158E-12
rpunto1 : = 6085497.8548563
rduepunti0 : = -1.8680627107368E+25
fil : = 488.04967036572
fipunto1 : = 1.1291691827977E+18
fi_gradi : = 27963.186304707
t1 : = 1.0808958292326E-14
tpunto1 : = 1.0008448376743
tduepunti0 : = -3.1140357189263E+15
v=v_elettrone : = 7152328.2207174
x0= : -1.4994469859237E-12
y0= : -2.9656622780413E-12
```

```
*****
i=29977
k(29977)=0.99979410100462
kQ(29977)=0.99958824440364
r1= : 3.3246029458525E-12
rpunto1: = 6083307.8492071
rduepunti0 : = -1.8673516791504E+25
fil : = 488.0498027932
fipunto1 : = 1.1286842766387E+18
fi_gradi : = 27963.193892243
t1 : = 1.0808958409704E-14
tpunto1 : = 1.0008444727527
tduepunti0 : = -3.111576093542E+15
v=v_elettrone : = 7150039.7932922
x0= : -1.4993761278607E-12
y0= : -2.9664980955614E-12
*****
i=29978
k(29978)=0.99979424918509
kQ(29978)=0.99958854070357
r1= : 3.3253163882481E-12
rpunto1: = 6081118.6766784
rduepunti0 : = -1.8666413024506E+25
fil : = 488.04993516382
fipunto1 : = 1.1281998571592E+18
fi_gradi : = 27963.20147652
t1 : = 1.0808958527081E-14
tpunto1 : = 1.0008441081192
tduepunti0 : = -3.1091192030359E+15
v=v_elettrone : = 7147752.439854
x0= : -1.4993051276919E-12
y0= : -2.9673336316713E-12
*****
i=29979
k(29979)=0.99979439725588
kQ(29979)=0.99958883678426
r1= : 3.3260295739005E-12
rpunto1: = 6078930.3365031
rduepunti0 : = -1.8659315798174E+25
fil : = 488.05006747762
fipunto1 : = 1.1277159236881E+18
fi_gradi : = 27963.209057543
t1 : = 1.0808958644459E-14
tpunto1 : = 1.0008437437736
tduepunti0 : = -3.1066650431581E+15
v=v_elettrone : = 7145466.1597665
x0= : -1.4992339855155E-12
y0= : -2.9681688864731E-12
*****
i=29980
k(29980)=0.99979454521713
kQ(29980)=0.99958913264593
r1= : 3.3267425029073E-12
rpunto1: = 6076742.8279152
rduepunti0 : = -1.8652225104322E+25
fil : = 488.05019973467
fipunto1 : = 1.1272324755554E+18
fi_gradi : = 27963.216635314
t1 : = 1.0808958761837E-14
tpunto1 : = 1.0008433797155
tduepunti0 : = -3.1042136096671E+15
v=v_elettrone : = 7143180.9523792
x0= : -1.4991627014297E-12
y0= : -2.9690038600687E-12
```

```
*****
i=29981
k(29981)=0.99979469306893
kQ(29981)=0.9995894282888
r1= : 3.3274551753658E-12
rpunto1 : = 6074556.1501494
rduepunti0 : = -1.8645140934776E+25
fil : = 488.05033193503
fipunto1 : = 1.1267495120925E+18
fi_gradi : = 27963.224209836
t1 : = 1.0808958879214E-14
tpunto1 : = 1.0008430159446
tduepunti0 : = -3.1017648983295E+15
v=v_elettrone : = 7140896.8161859
x0= : -1.4990912755324E-12
y0= : -2.9698385525601E-12
*****
i=29982
k(29982)=0.99979484081141
kQ(29982)=0.99958972371311
r1= : 3.3281675913737E-12
rpunto1 : = 6072370.3024415
rduepunti0 : = -1.8638063281378E+25
fil : = 488.05046407874
fipunto1 : = 1.1262670326318E+18
fi_gradi : = 27963.231781113
t1 : = 1.0808958996592E-14
tpunto1 : = 1.0008426524605
tduepunti0 : = -3.0993189049203E+15
v=v_elettrone : = 7138613.7513946
x0= : -1.4990197079215E-12
y0= : -2.970672964049E-12
*****
i=29983
k(29983)=0.99979498844466
kQ(29983)=0.99959001891907
r1= : 3.3288797510282E-12
rpunto1 : = 6070185.2840283
rduepunti0 : = -1.8630992135982E+25
fil : = 488.05059616586
fipunto1 : = 1.125785036507E+18
fi_gradi : = 27963.239349148
t1 : = 1.0808959113969E-14
tpunto1 : = 1.000842289263
tduepunti0 : = -3.0968756252227E+15
v=v_elettrone : = 7136331.7548032
x0= : -1.4989479986947E-12
y0= : -2.9715070946372E-12
*****
i=29984
k(29984)=0.99979513596882
kQ(29984)=0.99959031390691
r1= : 3.3295916544266E-12
rpunto1 : = 6068001.0941475
rduepunti0 : = -1.8623927490454E+25
fil : = 488.05072819646
fipunto1 : = 1.125303523053E+18
fi_gradi : = 27963.246913944
t1 : = 1.0808959231347E-14
tpunto1 : = 1.0008419263517
tduepunti0 : = -3.0944350550282E+15
v=v_elettrone : = 7134050.8283062
x0= : -1.4988761479499E-12
y0= : -2.9723409444262E-12
```



```
*****
i=29985
k(29985)=0.99979528338398
kQ(29985)=0.99959060867685
r1= : 3.330303301666E-12
rpunto1: = 6065817.7320378
rduepunti0 : = -1.8616869336676E+25
fil : = 488.05086017059
fipunto1 : = 1.124822491606E+18
fi_gradi : = 27963.254475504
t1 : = 1.0808959348724E-14
tpunto1 : = 1.0008415637263
tduepunti0 : = -3.0919971901365E+15
v=v_elettrone : = 7131770.9678527
x0= : -1.4988041557842E-12
y0= : -2.9731745135177E-12
*****
i=29986
k(29986)=0.99979543069026
kQ(29986)=0.99959090322912
r1= : 3.3310146928436E-12
rpunto1: = 6063635.1969387
rduepunti0 : = -1.8609817666542E+25
fil : = 488.0509920883
fipunto1 : = 1.1243419415033E+18
fi_gradi : = 27963.262033832
t1 : = 1.0808959466102E-14
tpunto1 : = 1.0008412013865
tduepunti0 : = -3.0895620263554E+15
v=v_elettrone : = 7129492.1753451
x0= : -1.4987320222956E-12
y0= : -2.9740078020129E-12
*****
i=29987
k(29987)=0.99979557788777
kQ(29987)=0.99959119756393
r1= : 3.3317258280564E-12
rpunto1: = 6061453.4880909
rduepunti0 : = -1.860277247196E+25
fil : = 488.05112394965
fipunto1 : = 1.1238618720833E+18
fi_gradi : = 27963.269588931
t1 : = 1.0808959583479E-14
tpunto1 : = 1.000840839332
tduepunti0 : = -3.087129559501E+15
v=v_elettrone : = 7127214.4475798
x0= : -1.498659747581E-12
y0= : -2.9748408100133E-12
*****
i=29988
k(29988)=0.99979572497662
kQ(29988)=0.99959149168152
r1= : 3.3324367074012E-12
rpunto1: = 6059272.6047357
rduepunti0 : = -1.859573374485E+25
fil : = 488.0512557547
fipunto1 : = 1.1233822826858E+18
fi_gradi : = 27963.277140805
t1 : = 1.0808959700856E-14
tpunto1 : = 1.0008404775624
tduepunti0 : = -3.0846997853975E+15
v=v_elettrone : = 7124937.7855928
x0= : -1.498587331738E-12
y0= : -2.9756735376201E-12
```

```
*****
i=29989
k(29989)=0.99979587195692
kQ(29989)=0.9995917855821
r1= : 3.3331473309748E-12
rpunto1: = 6057092.5461157
rduepunti0 : = -1.8588701477147E+25
fil : = 488.05138750351
fipunto1 : = 1.1229031726517E+18
fi_gradi : = 27963.284689455
t1 : = 1.0808959818234E-14
tpunto1 : = 1.0008401160775
tduepunti0 : = -3.0822726998772E+15
v=v_elettrone : = 7122662.186192
x0= : -1.4985147748633E-12
y0= : -2.9765059849345E-12
*****
i=29990
k(29990)=0.99979601882879
kQ(29990)=0.9995920792659
r1= : 3.333857698874E-12
rpunto1: = 6054913.3114743
rduepunti0 : = -1.8581675660798E+25
fil : = 488.05151919613
fipunto1 : = 1.1224245413231E+18
fi_gradi : = 27963.292234886
t1 : = 1.0808959935611E-14
tpunto1 : = 1.0008397548769
tduepunti0 : = -3.0798482987805E+15
v=v_elettrone : = 7120387.650411
x0= : -1.4984420770544E-12
y0= : -2.9773381520575E-12
*****
i=29991
k(29991)=0.99979616559234
kQ(29991)=0.99959237273314
r1= : 3.3345678111954E-12
rpunto1: = 6052734.9000558
rduepunti0 : = -1.8574656287763E+25
fil : = 488.05165083261
fipunto1 : = 1.1219463880432E+18
fi_gradi : = 27963.299777101
t1 : = 1.0808960052988E-14
tpunto1 : = 1.0008393939603
tduepunti0 : = -3.0774265779561E+15
v=v_elettrone : = 7118114.1759003
x0= : -1.4983692384079E-12
y0= : -2.9781700390901E-12
*****
i=29992
k(29992)=0.99979631224766
kQ(29992)=0.99959266598403
r1= : 3.3352776680355E-12
rpunto1: = 6050557.3111055
rduepunti0 : = -1.8567643350016E+25
fil : = 488.05178241302
fipunto1 : = 1.1214687121566E+18
fi_gradi : = 27963.307316103
t1 : = 1.0808960170365E-14
tpunto1 : = 1.0008390333275
tduepunti0 : = -3.0750075332605E+15
v=v_elettrone : = 7115841.7628485
x0= : -1.4982962590208E-12
y0= : -2.9790016461332E-12
```

```
*****
i=29993
k(29993)=0.99979645879489
kQ(29993)=0.9995929590188
r1= : 3.3359872694909E-12
rpunto1 : = 6048380.5438695
rduepunti0 : = -1.8560636839545E+25
fil : = 488.0519139374
fipunto1 : = 1.1209915130089E+18
fi_gradi : = 27963.314851895
t1 : = 1.0808960287742E-14
tpunto1 : = 1.000838672978
tduepunti0 : = -3.0725911605584E+15
v=v_elettrone : = 7113570.4089048
x0= : -1.4982231389897E-12
y0= : -2.9798329732877E-12
*****
i=29994
k(29994)=0.99979660523412
kQ(29994)=0.99959325183768
r1= : 3.3366966156579E-12
rpunto1 : = 6046204.5975951
rduepunti0 : = -1.8553636748349E+25
fil : = 488.05204540582
fipunto1 : = 1.1205147899469E+18
fi_gradi : = 27963.322384481
t1 : = 1.0808960405119E-14
tpunto1 : = 1.0008383129116
tduepunti0 : = -3.0701774557226E+15
v=v_elettrone : = 7111300.1150991
x0= : -1.4981498784114E-12
y0= : -2.980664020654E-12
*****
i=29995
k(29995)=0.99979675156547
kQ(29995)=0.99959354444087
r1= : 3.3374057066327E-12
rpunto1 : = 6044029.4715304
rduepunti0 : = -1.8546643068442E+25
fil : = 488.05217681833
fipunto1 : = 1.1200385423186E+18
fi_gradi : = 27963.329913863
t1 : = 1.0808960522496E-14
tpunto1 : = 1.000837953128
tduepunti0 : = -3.0677664146338E+15
v=v_elettrone : = 7109030.87823
x0= : -1.4980764773821E-12
y0= : -2.9814947883331E-12
*****
i=29996
k(29996)=0.99979689778905
kQ(29996)=0.99959383682861
r1= : 3.3381145425116E-12
rpunto1 : = 6041855.1649243
rduepunti0 : = -1.853965579185E+25
fil : = 488.05230817499
fipunto1 : = 1.1195627694733E+18
fi_gradi : = 27963.337440045
t1 : = 1.0808960639873E-14
tpunto1 : = 1.0008375936268
tduepunti0 : = -3.0653580331807E+15
v=v_elettrone : = 7106762.6984865
x0= : -1.4980029359984E-12
y0= : -2.9823252764252E-12
```

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*****
i=29997
k(29997)=0.99979704390496
kQ(29997)=0.9995941290011
r1= : 3.3388231233906E-12
rpunto1: = 6039681.6770268
rduepunti0 : = -1.8532674910612E+25
fil : = 488.05243947585
fipunto1 : = 1.1190874707613E+18
fi_gradi : = 27963.34496303
t1 : = 1.080896075725E-14
tpunto1 : = 1.0008372344077
tduepunti0 : = -3.0629523072602E+15
v=v_elettrone : = 7104495.5752139
x0= : -1.4979292543567E-12
y0= : -2.9831554850309E-12
*****
i=29998
k(29998)=0.99979718991332
kQ(29998)=0.99959442095858
r1= : 3.3395314493658E-12
rpunto1: = 6037509.0070889
rduepunti0 : = -1.8525700416781E+25
fil : = 488.05257072097
fipunto1 : = 1.1186126455341E+18
fi_gradi : = 27963.352482821
t1 : = 1.0808960874627E-14
tpunto1 : = 1.0008368754705
tduepunti0 : = -3.0605492327768E+15
v=v_elettrone : = 7102229.5068794
x0= : -1.497855432553E-12
y0= : -2.9839854142504E-12
*****
i=29999
k(29999)=0.99979733581424
kQ(29999)=0.99959471270125
r1= : 3.3402395205332E-12
rpunto1: = 6035337.1543623
rduepunti0 : = -1.8518732302422E+25
fil : = 488.05270191039
fipunto1 : = 1.1181382931444E+18
fi_gradi : = 27963.359999422
t1 : = 1.0808960992004E-14
tpunto1 : = 1.0008365168148
tduepunti0 : = -3.0581488056433E+15
v=v_elettrone : = 7099964.4928475
x0= : -1.4977814706836E-12
y0= : -2.9848150641841E-12
*****
i=30000
k(30000)=0.99979748160782
kQ(30000)=0.99959500422934
r1= : 3.3409473369884E-12
rpunto1: = 6033166.1180998
rduepunti0 : = -1.8511770559614E+25
fil : = 488.05283304419
fipunto1 : = 1.1176644129461E+18
fi_gradi : = 27963.367512835
t1 : = 1.0808961109381E-14
tpunto1 : = 1.0008361584403
tduepunti0 : = -3.0557510217803E+15
v=v_elettrone : = 7097700.5324425
x0= : -1.4977073688443E-12
y0= : -2.9856444349321E-12

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