

```
*****
i=40001
k(40001)=0.99923060206732
kQ(40001)=0.99846179610783
r1= : 1.7414471723822E-12
rpunto1 : = -11757825.0114
rduepunti0 : = -5.401393026747E+25
fil : = 489.13211648025
fipunto1 : = 4.1089781638493E+18
fi_gradi : = 28025.20589862
t1 : = 1.081013475317E-14
tpunto1 : = 1.0023902408844
tduepunti0 : = 2.1910728971043E+16
v=v_elettrone : = 13754217.574833
x0= : 1.0040822062025E-12
y0= : -1.4245206912577E-12
*****
i=40002
k(40002)=0.99922977151805
kQ(40002)=0.99846013628802
r1= : 1.7400682300284E-12
rpunto1 : = -11764167.021403
rduepunti0 : = -5.4076404013133E+25
fil : = 489.13259837584
fipunto1 : = 4.1154854459658E+18
fi_gradi : = 28025.233509203
t1 : = 1.0810134870729E-14
tpunto1 : = 1.0023928160134
tduepunti0 : = 2.1957347657166E+16
v=v_elettrone : = 13762560.206559
x0= : 1.0039729215844E-12
y0= : -1.422911320822E-12
*****
i=40003
k(40003)=0.99922893955796
kQ(40003)=0.99845847365013
r1= : 1.738688543892E-12
rpunto1 : = -11770516.373243
rduepunti0 : = -5.4139005639892E+25
fil : = 489.1330810346
fipunto1 : = 4.1220117167365E+18
fi_gradi : = 28025.261163513
t1 : = 1.0810134988288E-14
tpunto1 : = 1.0023953966278
tduepunti0 : = 2.2004119411592E+16
v=v_elettrone : = 13770915.475194
x0= : 1.0038629738745E-12
y0= : -1.4213010148586E-12
*****
i=40004
k(40004)=0.99922810618351
kQ(40004)=0.99845680818709
r1= : 1.7373081131119E-12
rpunto1 : = -11776873.081955
rduepunti0 : = -5.4201735466985E+25
fil : = 489.13356445875
fipunto1 : = 4.1285570544506E+18
fi_gradi : = 28025.288861676
t1 : = 1.0810135105848E-14
tpunto1 : = 1.0023979827455
tduepunti0 : = 2.2051044913538E+16
v=v_elettrone : = 13779283.416264
x0= : 1.0037523615669E-12
y0= : -1.4196897722074E-12
```

```
*****
i=40005
k(40005)=0.99922727139117
kQ(40005)=0.99845513989183
r1= : 1.7359269368254E-12
rpunto1: = -11783237.162612
rduepunti0 : = -5.4264593814295E+25
fil : = 489.13404865052
fipunto1 : = 4.1351215378124E+18
fi_gradi : = 28025.316603822
t1 : = 1.0810135223408E-14
tpunto1 : = 1.0024005743847
tduepunti0 : = 2.2098124846006E+16
v=v_elettrone : = 13787664.064157
x0= : 1.0036410831505E-12
y0= : -1.4180775917055E-12
*****
i=40006
k(40006)=0.99922643517737
kQ(40006)=0.99845346875726
r1= : 1.7345450141677E-12
rpunto1: = -11789608.630323
rduepunti0 : = -5.4327581002345E+25
fil : = 489.13453361217
fipunto1 : = 4.1417052459444E+18
fi_gradi : = 28025.344390077
t1 : = 1.0810135340968E-14
tpunto1 : = 1.0024031715636
tduepunti0 : = 2.2145359895799E+16
v=v_elettrone : = 13796057.45436
x0= : 1.0035291371088E-12
y0= : -1.4164644721875E-12
*****
i=40007
k(40007)=0.99922559753855
kQ(40007)=0.99845179477627
r1= : 1.7331623442727E-12
rpunto1: = -11795987.500238
rduepunti0 : = -5.4390697352297E+25
fil : = 489.13501934595
fipunto1 : = 4.1483082583897E+18
fi_gradi : = 28025.372220573
t1 : = 1.0810135458528E-14
tpunto1 : = 1.0024057743004
tduepunti0 : = 2.2192750753555E+16
v=v_elettrone : = 13804463.622107
x0= : 1.0034165219207E-12
y0= : -1.4148504124856E-12
*****
i=40008
k(40008)=0.99922475847113
kQ(40008)=0.99845011794169
r1= : 1.7317789262721E-12
rpunto1: = -11802373.787542
rduepunti0 : = -5.4453943185951E+25
fil : = 489.13550585412
fipunto1 : = 4.1549306551151E+18
fi_gradi : = 28025.400095438
t1 : = 1.0810135576089E-14
tpunto1 : = 1.0024083826135
tduepunti0 : = 2.2240298113765E+16
v=v_elettrone : = 13812882.603267
x0= : 1.0033032360594E-12
y0= : -1.4132354114292E-12
```

```
*****
i=40009
k(40009)=0.99922391797154
kQ(40009)=0.99844843824639
r1= : 1.7303947592961E-12
rpunto1 : = -11808767.507458
rduepunti0 : = -5.4517318825738E+25
fil : = 489.13599313896
fipunto1 : = 4.1615725165134E+18
fi_gradi : = 28025.428014803
t1 : = 1.081013569365E-14
tpunto1 : = 1.0024109965213
tduepunti0 : = 2.2288002674807E+16
v=v_elettrone : = 13821314.433473
x0= : 1.0031892779934E-12
y0= : -1.411619467845E-12
*****
i=40010
k(40010)=0.99922307603616
kQ(40010)=0.99844675568316
r1= : 1.7290098424729E-12
rpunto1 : = -11815168.675247
rduepunti0 : = -5.4580824594723E+25
fil : = 489.13648120275
fipunto1 : = 4.1682339234067E+18
fi_gradi : = 28025.455978798
t1 : = 1.0810135811212E-14
tpunto1 : = 1.0024136160424
tduepunti0 : = 2.2335865138962E+16
v=v_elettrone : = 13829759.147674
x0= : 1.0030746461858E-12
y0= : -1.4100025805574E-12
*****
i=40011
k(40011)=0.99922223266139
kQ(40011)=0.9984450702448
r1= : 1.7276241749292E-12
rpunto1 : = -11821577.30621
rduepunti0 : = -5.4644460816597E+25
fil : = 489.13697004778
fipunto1 : = 4.1749149570485E+18
fi_gradi : = 28025.483987555
t1 : = 1.0810135928774E-14
tpunto1 : = 1.0024162411953
tduepunti0 : = 2.2383886212449E+16
v=v_elettrone : = 13838216.782754
x0= : 1.0029593390943E-12
y0= : -1.4083847483879E-12
*****
i=40012
k(40012)=0.9992213878436
kQ(40012)=0.99844338192409
r1= : 1.7262377557896E-12
rpunto1 : = -11827993.415682
rduepunti0 : = -5.4708227815676E+25
fil : = 489.13745967635
fipunto1 : = 4.1816156991273E+18
fi_gradi : = 28025.512041205
t1 : = 1.0810136046336E-14
tpunto1 : = 1.0024188719988
tduepunti0 : = 2.2432066605449E+16
v=v_elettrone : = 13846687.374475
x0= : 1.0028433551717E-12
y0= : -1.4067659701556E-12
```

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*****
i=40013
k(40013)=0.99922054157917
kQ(40013)=0.99844169071377
r1= : 1.7248505841771E-12
rpunto1 : = -11834417.019041
rduepunti0 : = -5.4772125916901E+25
fil : = 489.13795009077
fipunto1 : = 4.1883362317687E+18
fi_gradi : = 28025.540139882
t1 : = 1.0810136163898E-14
tpunto1 : = 1.0024215084716
tduepunti0 : = 2.2480407032127E+16
v=v_elettrone : = 13855170.958357
x0= : 1.0027266928652E-12
y0= : -1.4051462446767E-12
*****
i=40014
k(40014)=0.99921969386445
kQ(40014)=0.99843999660656
r1= : 1.7234626592127E-12
rpunto1 : = -11840848.131699
rduepunti0 : = -5.4836155445831E+25
fil : = 489.13844129337
fipunto1 : = 4.1950766375389E+18
fi_gradi : = 28025.568283718
t1 : = 1.0810136281461E-14
tpunto1 : = 1.0024241506325
tduepunti0 : = 2.2528908210666E+16
v=v_elettrone : = 13863667.571413
x0= : 1.002609350617E-12
y0= : -1.4035255707651E-12
*****
i=40015
k(40015)=0.99921884469578
kQ(40015)=0.99843829959517
r1= : 1.7220739800159E-12
rpunto1 : = -11847286.769108
rduepunti0 : = -5.4900316728639E+25
fil : = 489.13893328648
fipunto1 : = 4.2018369994469E+18
fi_gradi : = 28025.596472847
t1 : = 1.0810136399024E-14
tpunto1 : = 1.0024267985005
tduepunti0 : = 2.2577570863289E+16
v=v_elettrone : = 13872177.250392
x0= : 1.0024913268636E-12
y0= : -1.4019039472317E-12
*****
i=40016
k(40016)=0.9992179940695
kQ(40016)=0.99843659967228
r1= : 1.7206845457041E-12
rpunto1 : = -11853732.946759
rduepunti0 : = -5.4964610092116E+25
fil : = 489.13942607243
fipunto1 : = 4.2086174009481E+18
fi_gradi : = 28025.624707402
t1 : = 1.0810136516587E-14
tpunto1 : = 1.0024294520946
tduepunti0 : = 2.2626395716288E+16
v=v_elettrone : = 13880700.030938
x0= : 1.0023726200367E-12
y0= : -1.400281372885E-12
```

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*****
i=40017
k(40017)=0.99921714198193
kQ(40017)=0.99843489683054
r1= : 1.719294355393E-12
rpunto1:= -11860186.680181
rduepunti0 : = -5.5029035863659E+25
fil : = 489.13991965358
fipunto1 : = 4.2154179259468E+18
fi_gradi : = 28025.652987519
t1 : = 1.0810136634151E-14
tpunto1 : = 1.002432111434
tduepunti0 : = 2.2675383500052E+16
v=v_elettrone : = 13889235.950596
x0= : 1.002253228562E-12
y0= : -1.3986578465307E-12
*****
i=40018
k(40018)=0.99921628842938
kQ(40018)=0.99843319106258
r1= : 1.7179034081965E-12
rpunto1:= -11866647.98494
rduepunti0 : = -5.5093594371273E+25
fil : = 489.14041403229
fipunto1 : = 4.222238658799E+18
fi_gradi : = 28025.681313332
t1 : = 1.0810136751715E-14
tpunto1 : = 1.0024347765377
tduepunti0 : = 2.2724534949093E+16
v=v_elettrone : = 13897785.046234
x0= : 1.0021331508604E-12
y0= : -1.3970333669719E-12
*****
i=40019
k(40019)=0.99921543340815
kQ(40019)=0.99843148236103
r1= : 1.7165117032266E-12
rpunto1:= -11873116.876641
rduepunti0 : = -5.5158285943566E+25
fil : = 489.14090921092
fipunto1 : = 4.229079684316E+18
fi_gradi : = 28025.709684978
t1 : = 1.0810136869279E-14
tpunto1 : = 1.0024374474252
tduepunti0 : = 2.2773850802075E+16
v=v_elettrone : = 13906347.35445
x0= : 1.0020123853469E-12
y0= : -1.395407933009E-12
*****
i=40020
k(40020)=0.99921457691452
kQ(40020)=0.99842977071846
r1= : 1.7151192395935E-12
rpunto1:= -11879593.370931
rduepunti0 : = -5.5223110909747E+25
fil : = 489.14140519186
fipunto1 : = 4.2359410877665E+18
fi_gradi : = 28025.738102592
t1 : = 1.0810136986843E-14
tpunto1 : = 1.0024401241157
tduepunti0 : = 2.2823331801843E+16
v=v_elettrone : = 13914922.912892
x0= : 1.0018909304313E-12
y0= : -1.3937815434398E-12
```

```
*****
i=40021
k(40021)=0.99921371894477
kQ(40021)=0.99842805612744
r1= : 1.7137260164057E-12
rpunto1:= -11886077.48349
rduepunti0 : = -5.5288069599619E+25
fil : = 489.1419019775
fipunto1 : = 4.2428229548807E+18
fi_gradi : = 28025.766566312
t1 : = 1.0810137104408E-14
tpunto1 : = 1.0024428066288
tduepunti0 : = 2.2872978695451E+16
v=v_elettrone : = 13923511.758511
x0= : 1.001768784518E-12
y0= : -1.3921541970591E-12
*****
i=40022
k(40022)=0.99921285949517
kQ(40022)=0.99842633858052
r1= : 1.7123320327696E-12
rpunto1:= -11892569.230041
rduepunti0 : = -5.5353162343579E+25
fil : = 489.14239957023
fipunto1 : = 4.2497253718521E+18
fi_gradi : = 28025.795076276
t1 : = 1.0810137221973E-14
tpunto1 : = 1.0024454949839
tduepunti0 : = 2.2922792234186E+16
v=v_elettrone : = 13932113.929295
x0= : 1.0016459460056E-12
y0= : -1.3905258926594E-12
*****
i=40023
k(40023)=0.99921199856197
kQ(40023)=0.9984246180702
r1= : 1.7109372877899E-12
rpunto1:= -11899068.626345
rduepunti0 : = -5.5418389472613E+25
fil : = 489.14289797247
fipunto1 : = 4.2566484253415E+18
fi_gradi : = 28025.823632621
t1 : = 1.0810137339539E-14
tpunto1 : = 1.0024481892007
tduepunti0 : = 2.2972773173607E+16
v=v_elettrone : = 13940729.46253
x0= : 1.0015224132876E-12
y0= : -1.3888966290302E-12
*****
i=40024
k(40024)=0.9992111361414
kQ(40024)=0.99842289458899
r1= : 1.7095417805695E-12
rpunto1:= -11905575.688201
rduepunti0 : = -5.5483751318291E+25
fil : = 489.14339718663
fipunto1 : = 4.2635922024799E+18
fi_gradi : = 28025.852235485
t1 : = 1.0810137457105E-14
tpunto1 : = 1.002450889299
tduepunti0 : = 2.3022922273561E+16
v=v_elettrone : = 13949358.396105
x0= : 1.0013981847515E-12
y0= : -1.3872664049584E-12
```

```
*****
i=40025
k(40025)=0.9992102722297
kQ(40025)=0.99842116812936
r1= : 1.7081455102095E-12
rpunto1 : = -11912090.431447
rduepunti0 : = -5.5549248212764E+25
fil : = 489.14389721516
fipunto1 : = 4.2705567908713E+18
fi_gradi : = 28025.880885009
t1 : = 1.0810137574671E-14
tpunto1 : = 1.0024535952984
tduepunti0 : = 2.3073240298225E+16
v=v_elettrone : = 13958000.768076
x0= : 1.0012732587797E-12
y0= : -1.3856352192282E-12
*****
i=40026
k(40026)=0.99920940682309
kQ(40026)=0.99841943868375
r1= : 1.7067484758088E-12
rpunto1 : = -11918612.871961
rduepunti0 : = -5.5614880488761E+25
fil : = 489.14439806048
fipunto1 : = 4.277542278596E+18
fi_gradi : = 28025.909581332
t1 : = 1.0810137692237E-14
tpunto1 : = 1.002456307219
tduepunti0 : = 2.3123728016126E+16
v=v_elettrone : = 13966656.616221
x0= : 1.0011476337486E-12
y0= : -1.384003070621E-12
*****
i=40027
k(40027)=0.99920853991777
kQ(40027)=0.99841770624459
r1= : 1.7053506764649E-12
rpunto1 : = -11925143.025658
rduepunti0 : = -5.5680648479584E+25
fil : = 489.14489972505
fipunto1 : = 4.2845487542138E+18
fi_gradi : = 28025.938324595
t1 : = 1.0810137809804E-14
tpunto1 : = 1.0024590250808
tduepunti0 : = 2.3174386200174E+16
v=v_elettrone : = 13975325.979348
x0= : 1.0010213080292E-12
y0= : -1.3823699579155E-12
*****
i=40028
k(40028)=0.99920767150992
kQ(40028)=0.99841597080429
r1= : 1.703952111273E-12
rpunto1 : = -11931680.908495
rduepunti0 : = -5.5746552519102E+25
fil : = 489.14540221132
fipunto1 : = 4.2915763067672E+18
fi_gradi : = 28025.967114938
t1 : = 1.0810137927371E-14
tpunto1 : = 1.0024617489037
tduepunti0 : = 2.3225215627695E+16
v=v_elettrone : = 13984008.895124
x0= : 1.0008942799868E-12
y0= : -1.3807358798875E-12
```

```
*****
i=40029
k(40029)=0.99920680159575
kQ(40029)=0.99841423235521
r1= : 1.7025527793268E-12
rpunto1:= -11938226.536467
rduepunti0 : = -5.5812592941751E+25
fil : = 489.14590552179
fipunto1 : = 4.2986250257844E+18
fi_gradi : = 28025.995952503
t1 : = 1.0810138044939E-14
tpunto1 : = 1.002464478708
tduepunti0 : = 2.3276217080456E+16
v=v_elettrone : = 13992705.402677
x0= : 1.000766547981E-12
y0= : -1.3791008353104E-12
*****
i=40030
k(40030)=0.99920593017141
kQ(40030)=0.99841249088971
r1= : 1.7011526797179E-12
rpunto1:= -11944779.925607
rduepunti0 : = -5.5878770082526E+25
fil : = 489.14640965891
fipunto1 : = 4.305695001283E+18
fi_gradi : = 28026.024837433
t1 : = 1.0810138162506E-14
tpunto1 : = 1.002467214514
tduepunti0 : = 2.3327391344699E+16
v=v_elettrone : = 14001415.540842
x0= : 1.0006381103657E-12
y0= : -1.3774648229546E-12
*****
i=40031
k(40031)=0.99920505723306
kQ(40031)=0.99841074640012
r1= : 1.6997518115361E-12
rpunto1:= -11951341.09199
rduepunti0 : = -5.5945084276976E+25
fil : = 489.1469146252
fipunto1 : = 4.3127863237725E+18
fi_gradi : = 28026.05376987
t1 : = 1.0810138280074E-14
tpunto1 : = 1.002469956342
tduepunti0 : = 2.3378739211169E+16
v=v_elettrone : = 14010139.348186
x0= : 1.0005089654891E-12
y0= : -1.3758278415875E-12
*****
i=40032
k(40032)=0.99920418277685
kQ(40032)=0.99840899887876
r1= : 1.6983501738693E-12
rpunto1:= -11957910.051727
rduepunti0 : = -5.6011535861205E+25
fil : = 489.14742042314
fipunto1 : = 4.3198990842583E+18
fi_gradi : = 28026.082749957
t1 : = 1.0810138397643E-14
tpunto1 : = 1.0024727042124
tduepunti0 : = 2.3430261475148E+16
v=v_elettrone : = 14018876.863854
x0= : 1.0003791116937E-12
y0= : -1.3741898899742E-12
```



```
*****
i=40033
k(40033)=0.99920330679891
kQ(40033)=0.99840724831789
r1= : 1.6969477658034E-12
rpunto1 : = -11964486.820972
rduepunti0 : = -5.6078125171858E+25
fil : = 489.14792705526
fipunto1 : = 4.3270333742446E+18
fi_gradi : = 28026.11177784
t1 : = 1.0810138515211E-14
tpunto1 : = 1.0024754581459
tduepunti0 : = 2.3481958936483E+16
v=v_elettrone : = 14027628.126704
x0= : 1.0002485473161E-12
y0= : -1.3725509668766E-12
*****
i=40034
k(40034)=0.99920242929537
kQ(40034)=0.99840549470977
r1= : 1.6955445864227E-12
rpunto1 : = -11971071.415915
rduepunti0 : = -5.6144852546128E+25
fil : = 489.14843452408
fipunto1 : = 4.3341892857381E+18
fi_gradi : = 28026.140853661
t1 : = 1.081013863278E-14
tpunto1 : = 1.002478218163
tduepunti0 : = 2.3533832399621E+16
v=v_elettrone : = 14036393.176609
x0= : 1.0001172706871E-12
y0= : -1.3709110710541E-12
*****
i=40035
k(40035)=0.99920155026233
kQ(40035)=0.99840373804665
r1= : 1.6941406348093E-12
rpunto1 : = -11977663.85279
rduepunti0 : = -5.6211718321739E+25
fil : = 489.14894283214
fipunto1 : = 4.3413669112507E+18
fi_gradi : = 28026.169977567
t1 : = 1.081013875035E-14
tpunto1 : = 1.0024809842845
tduepunti0 : = 2.3585882673638E+16
v=v_elettrone : = 14045172.052286
x0= : 9.9998528013186E-13
y0= : -1.369270201263E-12
*****
i=40036
k(40036)=0.9992006696959
kQ(40036)=0.99840197832073
r1= : 1.6927359100434E-12
rpunto1 : = -11984264.147867
rduepunti0 : = -5.627872283695E+25
fil : = 489.14945198198
fipunto1 : = 4.3485663438037E+18
fi_gradi : = 28026.199149704
t1 : = 1.0810138867919E-14
tpunto1 : = 1.0024837565312
tduepunti0 : = 2.3638110572269E+16
v=v_elettrone : = 14053964.79475
x0= : 9.9985257396934E-13
y0= : -1.3676283562572E-12
```

```
*****
i=40037
k(40037)=0.99919978759215
kQ(40037)=0.99840021552419
r1= : 1.6913304112036E-12
rpunto1: = -11990872.317456
rduepunti0 : = -5.6345866430546E+25
fil : = 489.14996197615
fipunto1 : = 4.3557876769304E+18
fi_gradi : = 28026.228370218
t1 : = 1.0810138985489E-14
tpunto1 : = 1.0024865349241
tduepunti0 : = 2.3690516913947E+16
v=v_elettrone : = 14062771.442574
x0= : 9.9971915051297E-13
y0= : -1.3659855347873E-12
*****
i=40038
k(40038)=0.99919890394715
kQ(40038)=0.9983984496492
r1= : 1.6899241373663E-12
rpunto1: = -11997488.37791
rduepunti0 : = -5.6413149441833E+25
fil : = 489.15047281724
fipunto1 : = 4.3630310046804E+18
fi_gradi : = 28026.257639257
t1 : = 1.081013910306E-14
tpunto1 : = 1.0024893194841
tduepunti0 : = 2.3743102521827E+16
v=v_elettrone : = 14071592.036189
x0= : 9.9958500807001E-13
y0= : -1.3643417356014E-12
*****
i=40039
k(40039)=0.99919801875699
kQ(40039)=0.99839668068789
r1= : 1.6885170876061E-12
rpunto1: = -12004112.345617
rduepunti0 : = -5.6480572210634E+25
fil : = 489.15098450782
fipunto1 : = 4.3702964216222E+18
fi_gradi : = 28026.286956967
t1 : = 1.081013922063E-14
tpunto1 : = 1.0024921102325
tduepunti0 : = 2.3795868223826E+16
v=v_elettrone : = 14080426.615721
x0= : 9.9945014494186E-13
y0= : -1.3626969574447E-12
*****
i=40040
k(40040)=0.99919713201769
kQ(40040)=0.99839490863237
r1= : 1.6871092609956E-12
rpunto1: = -12010744.237009
rduepunti0 : = -5.6548135077282E+25
fil : = 489.15149705047
fipunto1 : = 4.3775840228473E+18
fi_gradi : = 28026.316323498
t1 : = 1.0810139338201E-14
tpunto1 : = 1.0024949071903
tduepunti0 : = 2.3848814852651E+16
v=v_elettrone : = 14089275.221445
x0= : 9.9931455942394E-13
y0= : -1.3610511990595E-12
```

```
*****
i=40041
k(40041)=0.99919624372529
kQ(40041)=0.99839313347473
r1= : 1.6857006566056E-12
rpunto1: = -12017384.068557
rduepunti0 : = -5.6615838382617E+25
fil : = 489.1520104478
fipunto1 : = 4.3848939039735E+18
fi_gradi : = 28026.345738998
t1 : = 1.0810139455773E-14
tpunto1 : = 1.002497710379
tduepunti0 : = 2.3901943245835E+16
v=v_elettrone : = 14098137.894183
x0= : 9.9917824980565E-13
y0= : -1.3594044591852E-12
*****
i=40042
k(40042)=0.99919535387583
kQ(40042)=0.99839135520704
r1= : 1.6842912735047E-12
rpunto1: = -12024031.85677
rduepunti0 : = -5.6683682467975E+25
fil : = 489.15252470243
fipunto1 : = 4.3922261611486E+18
fi_gradi : = 28026.375203618
t1 : = 1.0810139573344E-14
tpunto1 : = 1.0025005198199
tduepunti0 : = 2.3955254245769E+16
v=v_elettrone : = 14107014.674033
x0= : 9.9904121437045E-13
y0= : -1.3577567365584E-12
*****
i=40043
k(40043)=0.99919446246531
kQ(40043)=0.99838957382133
r1= : 1.68288111076E-12
rpunto1: = -12030687.618199
rduepunti0 : = -5.675166767519E+25
fil : = 489.15303981698
fipunto1 : = 4.3995808910535E+18
fi_gradi : = 28026.404717508
t1 : = 1.0810139690916E-14
tpunto1 : = 1.0025033355346
tduepunti0 : = 2.4008748699735E+16
v=v_elettrone : = 14115905.602501
x0= : 9.9890345139561E-13
y0= : -1.3561080299129E-12
*****
i=40044
k(40044)=0.99919356948972
kQ(40044)=0.99838778930961
r1= : 1.6814701674362E-12
rpunto1: = -12037351.369436
rduepunti0 : = -5.6819794346581E+25
fil : = 489.15355579408
fipunto1 : = 4.4069581909065E+18
fi_gradi : = 28026.434280818
t1 : = 1.0810139808488E-14
tpunto1 : = 1.0025061575446
tduepunti0 : = 2.4062427459944E+16
v=v_elettrone : = 14124810.719935
x0= : 9.9876495915247E-13
y0= : -1.3544583379794E-12
```

```
*****
i=40045
k(40045)=0.99919267494507
kQ(40045)=0.99838600166388
r1= : 1.6800584425965E-12
rpunto1 : = -12044023.12711
rduepunti0 : = -5.688806282495E+25
fil : = 489.15407263637
fipunto1 : = 4.4143581584664E+18
fi_gradi : = 28026.4638937
t1 : = 1.0810139926061E-14
tpunto1 : = 1.0025089858718
tduepunti0 : = 2.4116291383566E+16
v=v_elettrone : = 14133730.067662
x0= : 9.986257359061E-13
y0= : -1.352807659486E-12
*****
i=40046
k(40046)=0.99919177882732
kQ(40046)=0.99838421087609
r1= : 1.6786459353017E-12
rpunto1 : = -12050702.907893
rduepunti0 : = -5.6956473453576E+25
fil : = 489.15459034653
fipunto1 : = 4.4217808920364E+18
fi_gradi : = 28026.493556307
t1 : = 1.0810140043634E-14
tpunto1 : = 1.0025118205378
tduepunti0 : = 2.4170341332765E+16
v=v_elettrone : = 14142663.686694
x0= : 9.9848577991551E-13
y0= : -1.3511559931578E-12
*****
i=40047
k(40047)=0.99919088113243
kQ(40047)=0.99838241693819
r1= : 1.6772326446109E-12
rpunto1 : = -12057390.728497
rduepunti0 : = -5.7025026576206E+25
fil : = 489.15510892722
fipunto1 : = 4.4292264904677E+18
fi_gradi : = 28026.523268792
t1 : = 1.0810140161207E-14
tpunto1 : = 1.0025146615647
tduepunti0 : = 2.4224578174738E+16
v=v_elettrone : = 14151611.619024
x0= : 9.9834508943344E-13
y0= : -1.3495033377169E-12
*****
i=40048
k(40048)=0.99918998185635
kQ(40048)=0.99838061984209
r1= : 1.6758185695813E-12
rpunto1 : = -12064086.605674
rduepunti0 : = -5.7093722537052E+25
fil : = 489.15562838111
fipunto1 : = 4.4366950531634E+18
fi_gradi : = 28026.553031307
t1 : = 1.0810140278781E-14
tpunto1 : = 1.0025175089744
tduepunti0 : = 2.4279002781744E+16
v=v_elettrone : = 14160573.906321
x0= : 9.9820366270653E-13
y0= : -1.3478496918825E-12
```

```
*****
i=40049
k(40049)=0.99918908099502
kQ(40049)=0.99837881957967
r1= : 1.6744037092679E-12
rpunto1: = -12070790.556215
rduepunti0 : = -5.716256168078E+25
fil : = 489.15614871091
fipunto1 : = 4.4441866800818E+18
fi_gradi : = 28026.582844009
t1 : = 1.0810140396355E-14
tpunto1 : = 1.0025203627891
tduepunti0 : = 2.4333616031144E+16
v=v_elettrone : = 14169550.589948
x0= : 9.980614979752E-13
y0= : -1.346195054371E-12
*****
i=40050
k(40050)=0.99918817854436
kQ(40050)=0.9983770161428
r1= : 1.672988062724E-12
rpunto1: = -12077502.596954
rduepunti0 : = -5.7231544352509E+25
fil : = 489.15666991932
fipunto1 : = 4.4517014717409E+18
fi_gradi : = 28026.612707051
t1 : = 1.0810140513929E-14
tpunto1 : = 1.002523223031
tduepunti0 : = 2.4388418805437E+16
v=v_elettrone : = 14178541.712651
x0= : 9.9791859347352E-13
y0= : -1.3445394238958E-12
*****
i=40051
k(40051)=0.99918727450029
kQ(40051)=0.99837520952332
r1= : 1.6715716290007E-12
rpunto1: = -12084222.744764
rduepunti0 : = -5.73006708978E+25
fil : = 489.15719200905
fipunto1 : = 4.4592395292215E+18
fi_gradi : = 28026.642620589
t1 : = 1.0810140631504E-14
tpunto1 : = 1.0025260897224
tduepunti0 : = 2.444341199229E+16
v=v_elettrone : = 14187547.315591
x0= : 9.977749474294E-13
y0= : -1.3428827991672E-12
*****
i=40052
k(40052)=0.9991863688587
kQ(40052)=0.99837339971303
r1= : 1.6701544071473E-12
rpunto1: = -12090951.016559
rduepunti0 : = -5.7369941662652E+25
fil : = 489.15771498283
fipunto1 : = 4.4668009541713E+18
fi_gradi : = 28026.67258478
t1 : = 1.0810140749079E-14
tpunto1 : = 1.0025289628858
tduepunti0 : = 2.4498596484583E+16
v=v_elettrone : = 14196567.441719
x0= : 9.9763055806425E-13
y0= : -1.341225178893E-12
```

```
*****
i=40053
k(40053)=0.99918546161547
kQ(40053)=0.99837158670373
r1= : 1.6687363962109E-12
rpunto1: = -12097687.429293
rduepunti0 : = -5.7439356993492E+25
fil : = 489.15823884341
fipunto1 : = 4.4743858488092E+18
fi_gradi : = 28026.70259978
t1 : = 1.0810140866654E-14
tpunto1 : = 1.0025318425437
tduepunti0 : = 2.4553973180439E+16
v=v_elettrone : = 14205602.133675
x0= : 9.9748542359323E-13
y0= : -1.3395665617775E-12
*****
i=40054
k(40054)=0.99918455276649
kQ(40054)=0.99836977048717
r1= : 1.6673175952369E-12
rpunto1: = -12104431.999962
rduepunti0 : = -5.7508917237169E+25
fil : = 489.15876359354
fipunto1 : = 4.4819943159283E+18
fi_gradi : = 28026.732665747
t1 : = 1.081014098423E-14
tpunto1 : = 1.0025347287187
tduepunti0 : = 2.4609542983263E+16
v=v_elettrone : = 14214651.433772
x0= : 9.9733954222515E-13
y0= : -1.3379069465225E-12
*****
i=40055
k(40055)=0.99918364230761
kQ(40055)=0.9983679510551
r1= : 1.6658980032684E-12
rpunto1: = -12111184.7456
rduepunti0 : = -5.757862274095E+25
fil : = 489.15928923597
fipunto1 : = 4.4896264589007E+18
fi_gradi : = 28026.762782841
t1 : = 1.0810141101805E-14
tpunto1 : = 1.0025376214337
tduepunti0 : = 2.466530680178E+16
v=v_elettrone : = 14223715.385273
x0= : 9.9719291216233E-13
y0= : -1.3362463318265E-12
*****
i=40056
k(40056)=0.99918273023467
kQ(40056)=0.99836612839921
r1= : 1.6644776193467E-12
rpunto1: = -12117945.683286
rduepunti0 : = -5.7648473852507E+25
fil : = 489.1598157735
fipunto1 : = 4.4972823816811E+18
fi_gradi : = 28026.792951218
t1 : = 1.0810141219382E-14
tpunto1 : = 1.0025405207114
tduepunti0 : = 2.4721265550071E+16
v=v_elettrone : = 14232794.030681
x0= : 9.9704553160072E-13
y0= : -1.3345847163851E-12
```

```
*****
i=40057
k(40057)=0.99918181654352
kQ(40057)=0.9983643025112
r1= : 1.6630564425111E-12
rpunto1 : = -12124714.830137
rduepunti0 : = -5.7718470919913E+25
fil : = 489.1603432089
fipunto1 : = 4.5049621888106E+18
fi_gradi : = 28026.823171041
t1 : = 1.0810141336958E-14
tpunto1 : = 1.0025434265749
tduepunti0 : = 2.4777420147613E+16
v=v_elettrone : = 14241887.413865
x0= : 9.9689739872969E-13
y0= : -1.3329220988911E-12
*****
i=40058
k(40058)=0.99918090122996
kQ(40058)=0.99836247338272
r1= : 1.6616344717988E-12
rpunto1 : = -12131492.203311
rduepunti0 : = -5.7788614291634E+25
fil : = 489.16087154498
fipunto1 : = 4.5126659854212E+18
fi_gradi : = 28026.853442468
t1 : = 1.0810141454535E-14
tpunto1 : = 1.0025463390472
tduepunti0 : = 2.4833771519313E+16
v=v_elettrone : = 14250995.577524
x0= : 9.9674851173223E-13
y0= : -1.331258478034E-12
*****
i=40059
k(40059)=0.99917998428982
kQ(40059)=0.99836064100541
r1= : 1.6602117062451E-12
rpunto1 : = -12138277.820006
rduepunti0 : = -5.785890431652E+25
fil : = 489.16140078455
fipunto1 : = 4.5203938772394E+18
fi_gradi : = 28026.883765662
t1 : = 1.0810141572113E-14
tpunto1 : = 1.0025492581514
tduepunti0 : = 2.4890320595552E+16
v=v_elettrone : = 14260118.565703
x0= : 9.9659886878466E-13
y0= : -1.3295938525006E-12
*****
i=40060
k(40060)=0.99917906571889
kQ(40060)=0.99835880537087
r1= : 1.658788144883E-12
rpunto1 : = -12145071.697465
rduepunti0 : = -5.7929341343798E+25
fil : = 489.16193093044
fipunto1 : = 4.5281459705906E+18
fi_gradi : = 28026.914140784
t1 : = 1.081014168969E-14
tpunto1 : = 1.002552183911
tduepunti0 : = 2.4947068312219E+16
v=v_elettrone : = 14269256.422108
x0= : 9.9644846805682E-13
y0= : -1.3279282209745E-12
```

```
*****
i=40061
k(40061)=0.99917814551294
kQ(40061)=0.99835696647068
r1= : 1.6573637867439E-12
rpunto1 : = -12151873.852967
rduepunti0 : = -5.7999925723063E+25
fil : = 489.16246198548
fipunto1 : = 4.5359223724031E+18
fi_gradi : = 28026.944567997
t1 : = 1.0810141807268E-14
tpunto1 : = 1.0025551163493
tduepunti0 : = 2.5004015610752E+16
v=v_elettrone : = 14278409.190962
x0= : 9.9629730771193E-13
y0= : -1.3262615821362E-12
*****
i=40062
k(40062)=0.99917722366775
kQ(40062)=0.9983551242964
r1= : 1.6559386308569E-12
rpunto1 : = -12158684.303835
rduepunti0 : = -5.807065780427E+25
fil : = 489.16299395253
fipunto1 : = 4.5437231902124E+18
fi_gradi : = 28026.975047463
t1 : = 1.0810141924847E-14
tpunto1 : = 1.0025580554898
tduepunti0 : = 2.506116343818E+16
v=v_elettrone : = 14287576.916137
x0= : 9.9614538590664E-13
y0= : -1.3245939346634E-12
*****
i=40063
k(40063)=0.99917630017908
kQ(40063)=0.99835327883955
r1= : 1.6545126762492E-12
rpunto1 : = -12165503.067433
rduepunti0 : = -5.8141537937727E+25
fil : = 489.16352683445
fipunto1 : = 4.5515485321651E+18
fi_gradi : = 28027.005579348
t1 : = 1.0810142042425E-14
tpunto1 : = 1.0025610013561
tduepunti0 : = 2.5118512747155E+16
v=v_elettrone : = 14296759.641587
x0= : 9.9599270079086E-13
y0= : -1.3229252772306E-12
*****
i=40064
k(40064)=0.99917537504266
kQ(40064)=0.99835143009163
r1= : 1.6530859219457E-12
rpunto1 : = -12172330.161164
rduepunti0 : = -5.8212566474084E+25
fil : = 489.16406063411
fipunto1 : = 4.5593985070235E+18
fi_gradi : = 28027.036163816
t1 : = 1.0810142160005E-14
tpunto1 : = 1.0025639539721
tduepunti0 : = 2.5176064496001E+16
v=v_elettrone : = 14305957.412184
x0= : 9.9583925050776E-13
y0= : -1.3212556085093E-12
```



```
*****
i=40065
k(40065)=0.99917444825422
kQ(40065)=0.99834957804412
r1= : 1.6516583669696E-12
rpunto1: = -12179165.602475
rduepunti0 : = -5.8283743764325E+25
fil : = 489.16459535441
fipunto1 : = 4.5672732241696E+18
fi_gradi : = 28027.066801033
t1 : = 1.0810142277584E-14
tpunto1 : = 1.0025669133615
tduepunti0 : = 2.523381964875E+16
v=v_elettrone : = 14315170.272865
x0= : 9.9568503319385E-13
y0= : -1.3195849271679E-12
*****
i=40066
k(40066)=0.99917351980949
kQ(40066)=0.99834772268848
r1= : 1.6502300103418E-12
rpunto1: = -12186009.408853
rduepunti0 : = -5.8355070159761E+25
fil : = 489.16513099825
fipunto1 : = 4.5751727936094E+18
fi_gradi : = 28027.097491164
t1 : = 1.0810142395164E-14
tpunto1 : = 1.0025698795483
tduepunti0 : = 2.5291779175181E+16
v=v_elettrone : = 14324398.26781
x0= : 9.9553004697892E-13
y0= : -1.3179132318718E-12
*****
i=40067
k(40067)=0.99917258970416
kQ(40067)=0.99834586401611
r1= : 1.6488008510815E-12
rpunto1: = -12192861.597825
rduepunti0 : = -5.8426546012017E+25
fil : = 489.16566756853
fipunto1 : = 4.5830973259776E+18
fi_gradi : = 28027.128234376
t1 : = 1.0810142512744E-14
tpunto1 : = 1.0025728525566
tduepunti0 : = 2.5349944050864E+16
v=v_elettrone : = 14333641.442936
x0= : 9.9537428998584E-13
y0= : -1.3162405212833E-12
*****
i=40068
k(40068)=0.99917165793392
kQ(40068)=0.99834400201842
r1= : 1.6473708882053E-12
rpunto1: = -12199722.186961
rduepunti0 : = -5.8498171673028E+25
fil : = 489.1662050682
fipunto1 : = 4.5910469325413E+18
fi_gradi : = 28027.159030839
t1 : = 1.0810142630324E-14
tpunto1 : = 1.0025758324106
tduepunti0 : = 2.5408315257202E+16
v=v_elettrone : = 14342899.842967
x0= : 9.9521776033078E-13
y0= : -1.3145667940615E-12
```

```
*****
i=40069
k(40069)=0.99917072449446
kQ(40069)=0.99834213668678
r1= : 1.6459401207282E-12
rpunto1:= -12206591.193872
rduepunti0 := -5.8569947495024E+25
fil := 489.16674350019
fipunto1 := 4.5990217252051E+18
fi_gradi := 28027.189880719
t1 := 1.0810142747905E-14
tpunto1 := 1.0025788191346
tduepunti0 := 2.546689378147E+16
v=v_elettrone := 14352173.513118
x0= : 9.95060456123E-13
y0= : -1.3128920488626E-12
*****
i=40070
k(40070)=0.99916978938143
kQ(40070)=0.99834026801252
r1= : 1.6445085476629E-12
rpunto1:= -12213468.636209
rduepunti0 := -5.8641873830523E+25
fil := 489.16728286744
fipunto1 := 4.6070218165151E+18
fi_gradi := 28027.220784187
t1 := 1.0810142865486E-14
tpunto1 := 1.0025818127531
tduepunti0 := 2.5525680616857E+16
v=v_elettrone := 14361462.499483
x0= : 9.9490237546478E-13
y0= : -1.3112162843396E-12
*****
i=40071
k(40071)=0.99916885259048
kQ(40071)=0.99833839598697
r1= : 1.6430761680202E-12
rpunto1:= -12220354.531667
rduepunti0 := -5.8713951032323E+25
fil := 489.16782317294
fipunto1 := 4.6150473196635E+18
fi_gradi := 28027.251741411
t1 := 1.0810142983068E-14
tpunto1 := 1.0025848132906
tduepunti0 := 2.5584676762511E+16
v=v_elettrone := 14370766.848234
x0= : 9.947435164516E-13
y0= : -1.3095394991423E-12
*****
i=40072
k(40072)=0.99916791411725
kQ(40072)=0.99833652060141
r1= : 1.6416429808087E-12
rpunto1:= -12227248.897979
rduepunti0 := -5.878617945349E+25
fil := 489.16836441966
fipunto1 := 4.6230983484933E+18
fi_gradi := 28027.282752564
t1 := 1.0810143100649E-14
tpunto1 := 1.0025878207717
tduepunti0 := 2.5643883223582E+16
v=v_elettrone := 14380086.604325
x0= : 9.9458387717199E-13
y0= : -1.3078616919176E-12
```

```
*****
i=40073
k(40073)=0.99916697395736
kQ(40073)=0.9983346418471
r1= : 1.6402089850349E-12
rpunto1 : = -12234151.752923
rduepunti0 : = -5.8858559447346E+25
fil : = 489.1689066106
fipunto1 : = 4.6311750175024E+18
fi_gradi : = 28027.313817816
t1 : = 1.0810143218232E-14
tpunto1 : = 1.0025908352213
tduepunti0 : = 2.5703301011261E+16
v=v_elettrone : = 14389421.814866
x0= : 9.9442345570733E-13
y0= : -1.3061828613091E-12
*****
i=40074
k(40074)=0.99916603210642
kQ(40074)=0.99833275971528
r1= : 1.6387741797033E-12
rpunto1 : = -12241063.114315
rduepunti0 : = -5.8931091367464E+25
fil : = 489.16944974875
fipunto1 : = 4.6392774418488E+18
fi_gradi : = 28027.34493734
t1 : = 1.0810143335814E-14
tpunto1 : = 1.0025938566642
tduepunti0 : = 2.5762931142826E+16
v=v_elettrone : = 14398772.525748
x0= : 9.9426225013211E-13
y0= : -1.3045030059572E-12
*****
i=40075
k(40075)=0.99916508856002
kQ(40075)=0.99833087419716
r1= : 1.6373385638163E-12
rpunto1 : = -12247983.000015
rduepunti0 : = -5.9003775567652E+25
fil : = 489.16999383715
fipunto1 : = 4.6474057373545E+18
fi_gradi : = 28027.376111309
t1 : = 1.0810143453397E-14
tpunto1 : = 1.0025968851254
tduepunti0 : = 2.5822774641688E+16
v=v_elettrone : = 14408138.784169
x0= : 9.9410025851368E-13
y0= : -1.3028221244995E-12
*****
i=40076
k(40076)=0.99916414331376
kQ(40076)=0.99832898528391
r1= : 1.6359021363741E-12
rpunto1 : = -12254911.427924
rduepunti0 : = -5.9076612401945E+25
fil : = 489.17053887882
fipunto1 : = 4.6555600205109E+18
fi_gradi : = 28027.407339896
t1 : = 1.081014357098E-14
tpunto1 : = 1.0025999206302
tduepunti0 : = 2.5882832537432E+16
v=v_elettrone : = 14417520.636119
x0= : 9.9393747891238E-13
y0= : -1.3011402155699E-12
```

```
*****
i=40077
k(40077)=0.99916319636318
kQ(40077)=0.99832709296669
r1= : 1.6344648963749E-12
rpunto1 : = -12261848.415984
rduepunto10 : = -5.9149602224595E+25
fil : = 489.17108487681
fipunto1 : = 4.663740408483E+18
fi_gradi : = 28027.438623277
t1 : = 1.0810143688564E-14
tpunto1 : = 1.0026029632038
tduepunto10 : = 2.5943105865861E+16
v=v_elettrone : = 14426918.129292
x0= : 9.9377390938127E-13
y0= : -1.2994572777996E-12
*****
i=40078
k(40078)=0.99916224770386
kQ(40078)=0.99832519723663
r1= : 1.6330268428149E-12
rpunto1 : = -12268793.982179
rduepunto10 : = -5.9222745390057E+25
fil : = 489.1716318342
fipunto1 : = 4.6719470191144E+18
fi_gradi : = 28027.469961627
t1 : = 1.0810143806148E-14
tpunto1 : = 1.0026060128715
tduepunto10 : = 2.6003595669045E+16
v=v_elettrone : = 14436331.310591
x0= : 9.9360954796637E-13
y0= : -1.2977733098164E-12
*****
i=40079
k(40079)=0.99916129733133
kQ(40079)=0.99832329808482
r1= : 1.6315879746879E-12
rpunto1 : = -12275748.144534
rduepunto10 : = -5.9296042252981E+25
fil : = 489.17217975404
fipunto1 : = 4.6801799709319E+18
fi_gradi : = 28027.501355121
t1 : = 1.0810143923732E-14
tpunto1 : = 1.0026090696589
tduepunto10 : = 2.6064302995364E+16
v=v_elettrone : = 14445760.227774
x0= : 9.9344439270645E-13
y0= : -1.2960883102451E-12
*****
i=40080
k(40080)=0.99916034524111
kQ(40080)=0.99832139550233
r1= : 1.6301482909858E-12
rpunto1 : = -12282710.921116
rduepunto10 : = -5.9369493168198E+25
fil : = 489.17272863943
fipunto1 : = 4.6884393831504E+18
fi_gradi : = 28027.532803938
t1 : = 1.0810144041317E-14
tpunto1 : = 1.0026121335916
tduepunto10 : = 2.6125228899551E+16
v=v_elettrone : = 14455204.927814
x0= : 9.9327844163309E-13
y0= : -1.294402277707E-12
```

```
*****
i=40081
k(40081)=0.99915939142872
kQ(40081)=0.99831948948022
r1= : 1.6287077906984E-12
rpunto1: = -12289682.330035
rduepunti0 : = -5.944309849071E+25
fil : = 489.17327849347
fipunto1 : = 4.6967253756779E+18
fi_gradi : = 28027.564308254
t1 : = 1.0810144158902E-14
tpunto1 : = 1.0026152046954
tduepunti0 : = 2.6186374442744E+16
v=v_elettrone : = 14464665.458949
x0= : 9.9311169277048E-13
y0= : -1.2927152108204E-12
*****
i=40082
k(40082)=0.99915843588967
kQ(40082)=0.99831758000948
r1= : 1.6272664728133E-12
rpunto1: = -12296662.38944
rduepunti0 : = -5.9516858575677E+25
fil : = 489.17382931929
fipunto1 : = 4.7050380691201E+18
fi_gradi : = 28027.595868248
t1 : = 1.0810144276487E-14
tpunto1 : = 1.0026182829961
tduepunti0 : = 2.6247740692527E+16
v=v_elettrone : = 14474141.869452
x0= : 9.9294414413559E-13
y0= : -1.2910271082005E-12
*****
i=40083
k(40083)=0.99915747861942
kQ(40083)=0.99831566708112
r1= : 1.6258243363159E-12
rpunto1: = -12303651.117523
rduepunti0 : = -5.9590773778406E+25
fil : = 489.17438112001
fipunto1 : = 4.7133775847856E+18
fi_gradi : = 28027.6274841
t1 : = 1.0810144394073E-14
tpunto1 : = 1.0026213685198
tduepunti0 : = 2.630932872298E+16
v=v_elettrone : = 14483634.206776
x0= : 9.9277579373806E-13
y0= : -1.289337968459E-12
*****
i=40084
k(40084)=0.99915651961346
kQ(40084)=0.99831375068609
r1= : 1.6243813801896E-12
rpunto1: = -12310648.532519
rduepunti0 : = -5.9664844454337E+25
fil : = 489.17493389877
fipunto1 : = 4.7217440446909E+18
fi_gradi : = 28027.659155991
t1 : = 1.0810144511659E-14
tpunto1 : = 1.0026244612926
tduepunti0 : = 2.6371139614724E+16
v=v_elettrone : = 14493142.51965
x0= : 9.9260663958003E-13
y0= : -1.2876477902046E-12
```

```
*****
i=40085
k(40085)=0.99915555886725
kQ(40085)=0.99831183081533
r1= : 1.6229376034157E-12
rpunto1 : = -12317654.652702
rduepunti0 : = -5.9739070959033E+25
fil : = 489.17548765874
fipunto1 : = 4.7301375715651E+18
fi_gradi : = 28027.6908841
t1 : = 1.0810144629246E-14
tpunto1 : = 1.0026275613407
tduepunti0 : = 2.6433174454972E+16
v=v_elettrone : = 14502666.857231
x0= : 9.9243667965628E-13
y0= : -1.2859565720426E-12
*****
i=40086
k(40086)=0.99915459637622
kQ(40086)=0.99830990745973
r1= : 1.6214930049731E-12
rpunto1 : = -12324669.496389
rduepunti0 : = -5.9813453648166E+25
fil : = 489.17604240309
fipunto1 : = 4.7385582888554E+18
fi_gradi : = 28027.72266861
t1 : = 1.0810144746833E-14
tpunto1 : = 1.0026306686907
tduepunti0 : = 2.6495434337575E+16
v=v_elettrone : = 14512207.267853
x0= : 9.9226591195421E-13
y0= : -1.2842643125752E-12
*****
i=40087
k(40087)=0.99915363213581
kQ(40087)=0.99830798061018
r1= : 1.6200475838388E-12
rpunto1 : = -12331693.08194
rduepunti0 : = -5.9887992877503E+25
fil : = 489.17659813502
fipunto1 : = 4.7470063207319E+18
fi_gradi : = 28027.754509704
t1 : = 1.081014486442E-14
tpunto1 : = 1.0026337833689
tduepunti0 : = 2.6557920363069E+16
v=v_elettrone : = 14521763.800703
x0= : 9.9209433445363E-13
y0= : -1.2825710104013E-12
*****
i=40088
k(40088)=0.99915266614143
kQ(40088)=0.99830605025753
r1= : 1.6186013389876E-12
rpunto1 : = -12338725.427755
rduepunti0 : = -5.9962689002894E+25
fil : = 489.17715485772
fipunto1 : = 4.7554817920927E+18
fi_gradi : = 28027.786407565
t1 : = 1.0810144982007E-14
tpunto1 : = 1.002636905402
tduepunti0 : = 2.6620633638726E+16
v=v_elettrone : = 14531336.504962
x0= : 9.9192194512685E-13
y0= : -1.2808766641163E-12
```

```
*****
i=40089
k(40089)=0.99915169838848
kQ(40089)=0.99830411639259
r1= : 1.6171542693921E-12
rpunto1 : = -12345766.552276
rduepunti0 : = -6.003754238026E+25
fil : = 489.17771257441
fipunto1 : = 4.7639848285697E+18
fi_gradi : = 28027.818362377
t1 : = 1.0810145099595E-14
tpunto1 : = 1.0026400348168
tduepunti0 : = 2.6683575278603E+16
v=v_elettrone : = 14540925.430241
x0= : 9.917487419386E-13
y0= : -1.2791812723127E-12
*****
i=40090
k(40090)=0.99915072887236
kQ(40090)=0.99830217900616
r1= : 1.6157063740226E-12
rpunto1 : = -12352816.473988
rduepunti0 : = -6.0112553365577E+25
fil : = 489.17827128832
fipunto1 : = 4.7725155565328E+18
fi_gradi : = 28027.850374327
t1 : = 1.0810145217184E-14
tpunto1 : = 1.0026431716403
tduepunti0 : = 2.6746746403592E+16
v=v_elettrone : = 14550530.625726
x0= : 9.9157472284601E-13
y0= : -1.2774848335796E-12
*****
i=40091
k(40091)=0.99914975758842
kQ(40091)=0.998300238089
r1= : 1.6142576518476E-12
rpunto1 : = -12359875.211416
rduepunti0 : = -6.0187722314862E+25
fil : = 489.17883100271
fipunto1 : = 4.7810741030963E+18
fi_gradi : = 28027.882443599
t1 : = 1.0810145334772E-14
tpunto1 : = 1.0026463158994
tduepunti0 : = 2.6810148141468E+16
v=v_elettrone : = 14560152.14227
x0= : 9.913998857985E-13
y0= : -1.2757873465026E-12
*****
i=40092
k(40092)=0.99914878453204
kQ(40092)=0.99829829363185
r1= : 1.6128081018331E-12
rpunto1 : = -12366942.783127
rduepunti0 : = -6.0263049584161E+25
fil : = 489.17939172084
fipunto1 : = 4.7896605961232E+18
fi_gradi : = 28027.914570381
t1 : = 1.0810145452361E-14
tpunto1 : = 1.0026494676214
tduepunti0 : = 2.6873781626943E+16
v=v_elettrone : = 14569790.029461
x0= : 9.9122422873795E-13
y0= : -1.2740888096641E-12
```

```
*****
i=40093
k(40093)=0.99914780969855
kQ(40093)=0.99829634562542
r1= : 1.6113577229429E-12
rpunto1 : = -12374019.207731
rduepunti0 : = -6.0338535529536E+25
fil : = 489.17995344597
fipunto1 : = 4.7982751642315E+18
fi_gradi : = 28027.94675486
t1 : = 1.0810145569951E-14
tpunto1 : = 1.0026526268336
tduepunti0 : = 2.6937648001715E+16
v=v_elettrone : = 14579444.337314
x0= : 9.9104774959844E-13
y0= : -1.2723892216434E-12
*****
i=40094
k(40094)=0.9991468330833
kQ(40094)=0.99829439406038
r1= : 1.609906514139E-12
rpunto1 : = -12381104.50388
rduepunti0 : = -6.0414180507044E+25
fil : = 489.18051618141
fipunto1 : = 4.8069179367989E+18
fi_gradi : = 28027.978997226
t1 : = 1.0810145687541E-14
tpunto1 : = 1.0026557935634
tduepunti0 : = 2.7001748414519E+16
v=v_elettrone : = 14589115.117056
x0= : 9.9087044630621E-13
y0= : -1.2706885810161E-12
*****
i=40095
k(40095)=0.99914585468158
kQ(40095)=0.99829243892738
r1= : 1.6084544743808E-12
rpunto1 : = -12388198.690265
rduepunti0 : = -6.048998487273E+25
fil : = 489.18107993047
fipunto1 : = 4.8155890439687E+18
fi_gradi : = 28028.011297668
t1 : = 1.0810145805131E-14
tpunto1 : = 1.0026589678383
tduepunti0 : = 2.7066084021178E+16
v=v_elettrone : = 14598802.419072
x0= : 9.9069231677985E-13
y0= : -1.2689868863548E-12
*****
i=40096
k(40096)=0.99914487448871
kQ(40096)=0.99829048021706
r1= : 1.6070016026256E-12
rpunto1 : = -12395301.785623
rduepunti0 : = -6.0565948982607E+25
fil : = 489.18164469646
fipunto1 : = 4.8242886166551E+18
fi_gradi : = 28028.043656375
t1 : = 1.0810145922721E-14
tpunto1 : = 1.0026621496862
tduepunti0 : = 2.7130655984659E+16
v=v_elettrone : = 14608506.29415
x0= : 9.9051335893001E-13
y0= : -1.2672841362286E-12
```



```
*****
i=40097
k(40097)=0.99914389249997
kQ(40097)=0.99828851791999
r1= : 1.6055478978288E-12
rpunto1 : = -12402413.808728
rduepunti0 : = -6.0642073192641E+25
fil : = 489.18221048272
fipunto1 : = 4.8330167865487E+18
fi_gradi : = 28028.07607354
t1 : = 1.0810146040312E-14
tpunto1 : = 1.0026653391349
tduepunti0 : = 2.7195465475123E+16
v=v_elettrone : = 14618226.793883
x0= : 9.9033357065946E-13
y0= : -1.2655803292033E-12
*****
i=40098
k(40098)=0.99914290871063
kQ(40098)=0.99828655202675
r1= : 1.6040933589431E-12
rpunto1 : = -12409534.778398
rduepunti0 : = -6.0718357858739E+25
fil : = 489.18277729262
fipunto1 : = 4.8417736861224E+18
fi_gradi : = 28028.108549355
t1 : = 1.0810146157903E-14
tpunto1 : = 1.0026685362123
tduepunti0 : = 2.7260513669978E+16
v=v_elettrone : = 14627963.969825
x0= : 9.9015294986307E-13
y0= : -1.2638754638412E-12
*****
i=40099
k(40099)=0.99914192311596
kQ(40099)=0.99828458252787
r1= : 1.6026379849195E-12
rpunto1 : = -12416664.713495
rduepunti0 : = -6.0794803336729E+25
fil : = 489.18334512951
fipunto1 : = 4.8505594486367E+18
fi_gradi : = 28028.141084012
t1 : = 1.0810146275495E-14
tpunto1 : = 1.0026717409466
tduepunti0 : = 2.7325801753935E+16
v=v_elettrone : = 14637717.873103
x0= : 9.8997149442781E-13
y0= : -1.2621695387014E-12
*****
i=40100
k(40100)=0.9991409357112
kQ(40100)=0.99828260941385
r1= : 1.6011817747063E-12
rpunto1 : = -12423803.632919
rduepunti0 : = -6.0871409982347E+25
fil : = 489.18391399678
fipunto1 : = 4.8593742081457E+18
fi_gradi : = 28028.173677706
t1 : = 1.0810146393087E-14
tpunto1 : = 1.0026749533661
tduepunti0 : = 2.739133091906E+16
v=v_elettrone : = 14647488.556037
x0= : 9.8978920223255E-13
y0= : -1.2604625523396E-12
```

```
*****
i=40101
k(40101)=0.99913994649157
kQ(40101)=0.99828063267518
r1= : 1.5997247272501E-12
rpunto1:= -12430951.555614
rduepunto10 : = -6.0948178151218E+25
fil : = 489.18448389784
fipunto1 : = 4.8682180995026E+18
fi_gradi : = 28028.206330632
t1 : = 1.081014651068E-14
tpunto1 : = 1.0026781734992
tduepunto10 : = 2.7457102364826E+16
v=v_elettrone : = 14657276.070508
x0= : 9.8960607114819E-13
y0= : -1.2587545033081E-12
*****
i=40102
k(40102)=0.9991389554523
kQ(40102)=0.99827865230231
r1= : 1.5982668414947E-12
rpunto1:= -12438108.500564
rduepunto10 : = -6.1025108198841E+25
fil : = 489.1850548361
fipunto1 : = 4.8770912583657E+18
fi_gradi : = 28028.239042984
t1 : = 1.0810146628272E-14
tpunto1 : = 1.0026814013744
tduepunto10 : = 2.7523117298177E+16
v=v_elettrone : = 14667080.469181
x0= : 9.894220990375E-13
y0= : -1.2570453901556E-12
*****
i=40103
k(40103)=0.99913796258858
kQ(40103)=0.99827666828565
r1= : 1.5968081163823E-12
rpunto1:= -12445274.486796
rduepunto10 : = -6.1102200480574E+25
fil : = 489.18562681499
fipunto1 : = 4.8859938212039E+18
fi_gradi : = 28028.271814961
t1 : = 1.0810146745865E-14
tpunto1 : = 1.0026846370205
tduepunto10 : = 2.7589376933573E+16
v=v_elettrone : = 14676901.804256
x0= : 9.892372837552E-13
y0= : -1.2553352114277E-12
*****
i=40104
k(40104)=0.99913696789559
kQ(40104)=0.9982746806156
r1= : 1.5953485508523E-12
rpunto1:= -12452449.533378
rduepunto10 : = -6.1179455351612E+25
fil : = 489.18619983796
fipunto1 : = 4.8949259253032E+18
fi_gradi : = 28028.304646758
t1 : = 1.0810146863459E-14
tpunto1 : = 1.0026878804663
tduepunto10 : = 2.7655882493053E+16
v=v_elettrone : = 14686740.128723
x0= : 9.8905162314778E-13
y0= : -1.2536239656664E-12
```

```
*****
i=40105
k(40105)=0.99913597136852
kQ(40105)=0.99827268928251
r1= : 1.5938881438423E-12
rpunto1 : = -12459633.659421
rduepunti0 : = -6.1256873166974E+25
fil : = 489.18677390848
fipunto1 : = 4.903887708772E+18
fi_gradi : = 28028.337538576
t1 : = 1.0810146981053E-14
tpunto1 : = 1.0026911317407
tduepunti0 : = 2.7722635206289E+16
v=v_elettrone : = 14696595.495516
x0= : 9.8886511505355E-13
y0= : -1.2519116514102E-12
*****
i=40106
k(40106)=0.99913497300251
kQ(40106)=0.99827069427672
r1= : 1.5924268942873E-12
rpunto1 : = -12466826.884075
rduepunti0 : = -6.1334454281483E+25
fil : = 489.18734903002
fipunto1 : = 4.9128793105475E+18
fi_gradi : = 28028.370490613
t1 : = 1.0810147098647E-14
tpunto1 : = 1.0026943908729
tduepunti0 : = 2.7789636310642E+16
v=v_elettrone : = 14706467.958338
x0= : 9.8867775730257E-13
y0= : -1.2501982671945E-12
*****
i=40107
k(40107)=0.99913397279271
kQ(40107)=0.99826869558854
r1= : 1.5909648011203E-12
rpunto1 : = -12474029.226534
rduepunti0 : = -6.1412199049748E+25
fil : = 489.18792520608
fipunto1 : = 4.9219008704016E+18
fi_gradi : = 28028.40350307
t1 : = 1.0810147216242E-14
tpunto1 : = 1.0026976578923
tduepunti0 : = 2.7856887051223E+16
v=v_elettrone : = 14716357.570008
x0= : 9.8848954771667E-13
y0= : -1.2484838115508E-12
*****
i=40108
k(40108)=0.99913297073424
kQ(40108)=0.99826669320822
r1= : 1.5895018632721E-12
rpunto1 : = -12481240.706033
rduepunti0 : = -6.1490107826148E+25
fil : = 489.18850244019
fipunto1 : = 4.930952528947E+18
fi_gradi : = 28028.436576148
t1 : = 1.0810147333837E-14
tpunto1 : = 1.0027009328281
tduepunti0 : = 2.7924388680947E+16
v=v_elettrone : = 14726264.384527
x0= : 9.8830048410924E-13
y0= : -1.2467682830074E-12
```

```
*****
i=40109
k(40109)=0.99913196682222
kQ(40109)=0.99826468712603
r1= : 1.5880380796709E-12
rpunto1 : = -12488461.341847
rduepunti0 : = -6.156818096481E+25
fil : = 489.18908073586
fipunto1 : = 4.9400344276434E+18
fi_gradi : = 28028.469710049
t1 : = 1.0810147451432E-14
tpunto1 : = 1.00270421571
tduepunti0 : = 2.7992142460593E+16
v=v_elettrone : = 14736188.456237
x0= : 9.8811056428535E-13
y0= : -1.2450516800892E-12
*****
i=40110
k(40110)=0.99913096105174
kQ(40110)=0.99826267733218
r1= : 1.586573449243E-12
rpunto1 : = -12495691.153295
rduepunti0 : = -6.1646418819592E+25
fil : = 489.18966009664
fipunto1 : = 4.9491467088037E+18
fi_gradi : = 28028.502904977
t1 : = 1.0810147569028E-14
tpunto1 : = 1.0027075065677
tduepunti0 : = 2.8060149658865E+16
v=v_elettrone : = 14746129.838997
x0= : 9.8791978604171E-13
y0= : -1.2433340013175E-12
*****
i=40111
k(40111)=0.99912995341789
kQ(40111)=0.99826066381684
r1= : 1.5851079709123E-12
rpunto1 : = -12502930.159735
rduepunti0 : = -6.1724821744064E+25
fil : = 489.1902405261
fipunto1 : = 4.9582895156001E+18
fi_gradi : = 28028.536161135
t1 : = 1.0810147686625E-14
tpunto1 : = 1.002710805431
tduepunti0 : = 2.8128411552449E+16
v=v_elettrone : = 14756088.58701
x0= : 9.8772814716651E-13
y0= : -1.24161524521E-12
*****
i=40112
k(40112)=0.99912894391574
kQ(40112)=0.99825864657018
r1= : 1.5836416436003E-12
rpunto1 : = -12510178.380569
rduepunti0 : = -6.1803390091488E+25
fil : = 489.19082202781
fipunto1 : = 4.9674629920707E+18
fi_gradi : = 28028.569478729
t1 : = 1.0810147804221E-14
tpunto1 : = 1.00271411233
tduepunti0 : = 2.8196929426071E+16
v=v_elettrone : = 14766064.755629
x0= : 9.8753564543939E-13
y0= : -1.2398954102811E-12
```

```
*****
i=40113
k(40113)=0.99912793254033
kQ(40113)=0.99825662558232
r1= : 1.5821744662265E-12
rpunto1 : = -12517435.835237
rduepunti0 : = -6.1882124214798E+25
fil : = 489.19140460538
fipunto1 : = 4.9766672831257E+18
fi_gradi : = 28028.602857965
t1 : = 1.0810147921818E-14
tpunto1 : = 1.0027174272949
tduepunti0 : = 2.8265704572565E+16
v=v_elettrone : = 14776058.399311
x0= : 9.8734227863156E-13
y0= : -1.2381744950417E-12
*****
i=40114
k(40114)=0.99912691928671
kQ(40114)=0.99825460084336
r1= : 1.5807064377079E-12
rpunto1 : = -12524702.543224
rduepunti0 : = -6.1961024466578E+25
fil : = 489.19198826242
fipunto1 : = 4.9859025345537E+18
fi_gradi : = 28028.63629905
t1 : = 1.0810148039416E-14
tpunto1 : = 1.002720750356
tduepunti0 : = 2.8334738292926E+16
v=v_elettrone : = 14786069.573253
x0= : 9.8714804450558E-13
y0= : -1.236452497999E-12
*****
i=40115
k(40115)=0.9991259041499
kQ(40115)=0.99825257234335
r1= : 1.5792375569592E-12
rpunto1 : = -12531978.524054
rduepunti0 : = -6.2040091199048E+25
fil : = 489.19257300255
fipunto1 : = 4.9951688930285E+18
fi_gradi : = 28028.669802192
t1 : = 1.0810148157013E-14
tpunto1 : = 1.0027240815438
tduepunti0 : = 2.8404031896376E+16
v=v_elettrone : = 14796098.333369
x0= : 9.8695294081534E-13
y0= : -1.2347294176568E-12
*****
i=40116
k(40116)=0.9991248871249
kQ(40116)=0.99825054007235
r1= : 1.5777678228931E-12
rpunto1 : = -12539263.797293
rduepunti0 : = -6.2119324764033E+25
fil : = 489.19315882943
fipunto1 : = 5.0044665061152E+18
fi_gradi : = 28028.7033676
t1 : = 1.0810148274611E-14
tpunto1 : = 1.0027274208888
tduepunti0 : = 2.8473586700425E+16
v=v_elettrone : = 14806144.734674
x0= : 9.8675696530616E-13
y0= : -1.2330052525153E-12
```

```

*****
i=40117
k(40117)=0.99912386820672
kQ(40117)=0.99824850402035
r1= : 1.5762972344196E-12
rpunto1:= -12546558.382548
rduepunti0 : = -6.2198725512952E+25
fil : = 489.19374574673
fipunto1 : = 5.0137955222773E+18
fi_gradi : = 28028.736995483
t1 : = 1.081014839221E-14
tpunto1 : = 1.0027307684219
tduepunti0 : = 2.8543404030933E+16
v=v_elettrone : = 14816208.833319
x0= : 9.8656011571452E-13
y0= : -1.2312800010713E-12
*****
i=40118
k(40118)=0.99912284739032
kQ(40118)=0.99824646417734
r1= : 1.5748257904467E-12
rpunto1:= -12553862.299468
rduepunti0 : = -6.2278293796789E+25
fil : = 489.19433375811
fipunto1 : = 5.0231560908827E+18
fi_gradi : = 28028.770686054
t1 : = 1.0810148509809E-14
tpunto1 : = 1.0027341241741
tduepunti0 : = 2.8613485222176E+16
v=v_elettrone : = 14826290.685751
x0= : 9.8636238976817E-13
y0= : -1.2295536618178E-12
*****
i=40119
k(40119)=0.99912182467067
kQ(40119)=0.99824442053325
r1= : 1.5733534898799E-12
rpunto1:= -12561175.567741
rduepunti0 : = -6.2358029966074E+25
fil : = 489.1949228673
fipunto1 : = 5.0325483622112E+18
fi_gradi : = 28028.804439524
t1 : = 1.0810148627408E-14
tpunto1 : = 1.0027374881764
tduepunti0 : = 2.8683831616906E+16
v=v_elettrone : = 14836390.347921
x0= : 9.8616378518608E-13
y0= : -1.2278262332445E-12
*****
i=40120
k(40120)=0.99912080004272
kQ(40120)=0.998242373078
r1= : 1.5718803316226E-12
rpunto1:= -12568498.207098
rduepunti0 : = -6.2437934370864E+25
fil : = 489.19551307799
fipunto1 : = 5.0419724874605E+18
fi_gradi : = 28028.838256106
t1 : = 1.0810148745008E-14
tpunto1 : = 1.0027408604601
tduepunti0 : = 2.8754444566417E+16
v=v_elettrone : = 14846507.876881
x0= : 9.859642996783E-13
y0= : -1.2260977138374E-12

```

```

*****
i=40121
k(40121)=0.9991197735014
kQ(40121)=0.99824032180149
r1= : 1.5704063145758E-12
rpunto1 : = -12575830.237311
rduepunti0 : = -6.2518007360714E+25
fil : = 489.19610439394
fipunto1 : = 5.0514286187535E+18
fi_gradi : = 28028.872136014
t1 : = 1.0810148862608E-14
tpunto1 : = 1.0027442410566
tduepunti0 : = 2.8825325430612E+16
v=v_elettrone : = 14856643.329585
x0= : 9.8576393094603E-13
y0= : -1.2243681020787E-12
*****
i=40122
k(40122)=0.99911874504163
kQ(40122)=0.99823826669356
r1= : 1.568931437638E-12
rpunto1 : = -12583171.678192
rduepunti0 : = -6.2598249284657E+25
fil : = 489.19669681889
fipunto1 : = 5.0609169091451E+18
fi_gradi : = 28028.906079463
t1 : = 1.0810148980209E-14
tpunto1 : = 1.0027476299975
tduepunti0 : = 2.8896475578064E+16
v=v_elettrone : = 14866796.762868
x0= : 9.8556267668152E-13
y0= : -1.2226373964474E-12
*****
i=40123
k(40123)=0.99911771465831
kQ(40123)=0.99823620774404
r1= : 1.5674556997056E-12
rpunto1 : = -12590522.549594
rduepunti0 : = -6.2678660491184E+25
fil : = 489.19729035661
fipunto1 : = 5.0704375126288E+18
fi_gradi : = 28028.94008667
t1 : = 1.081014909781E-14
tpunto1 : = 1.0027510273145
tduepunti0 : = 2.8967896386087E+16
v=v_elettrone : = 14876968.234662
x0= : 9.8536053456797E-13
y0= : -1.2209055954187E-12
*****
i=40124
k(40124)=0.99911668234632
kQ(40124)=0.99823414494272
r1= : 1.5659790996726E-12
rpunto1 : = -12597882.871412
rduepunti0 : = -6.2759241328215E+25
fil : = 489.19788501089
fipunto1 : = 5.0799905841444E+18
fi_gradi : = 28028.97415785
t1 : = 1.0810149215411E-14
tpunto1 : = 1.0027544330396
tduepunti0 : = 2.9039589240798E+16
v=v_elettrone : = 14887157.801972
x0= : 9.8515750227961E-13
y0= : -1.219172697464E-12

```

```
*****
i=40125
k(40125)=0.99911564810055
kQ(40125)=0.99823207827938
r1= : 1.5645016364307E-12
rpunto1 : = -12605252.663579
rduepunti0 : = -6.2839992143077E+25
fil : = 489.19848078555
fipunto1 : = 5.0895762795842E+18
fi_gradi : = 28029.008293224
t1 : = 1.0810149333013E-14
tpunto1 : = 1.0027578472048
tduepunti0 : = 2.9111555537188E+16
v=v_elettrone : = 14897365.523295
x0= : 9.8495357748147E-13
y0= : -1.2174387010515E-12
*****
i=40126
k(40126)=0.99911461191584
kQ(40126)=0.99823000774374
r1= : 1.5630233088692E-12
rpunto1 : = -12612631.946072
rduepunti0 : = -6.2920913282481E+25
fil : = 489.19907768441
fipunto1 : = 5.0991947558009E+18
fi_gradi : = 28029.042493009
t1 : = 1.0810149450615E-14
tpunto1 : = 1.0027612698423
tduepunti0 : = 2.9183796679188E+16
v=v_elettrone : = 14907591.456998
x0= : 9.8474875782952E-13
y0= : -1.2157036046453E-12
*****
i=40127
k(40127)=0.99911357378704
kQ(40127)=0.9982279333255
r1= : 1.5615441158751E-12
rpunto1 : = -12620020.738907
rduepunti0 : = -6.3002005092496E+25
fil : = 489.19967571131
fipunto1 : = 5.1088461706142E+18
fi_gradi : = 28029.076757426
t1 : = 1.0810149568217E-14
tpunto1 : = 1.0027647009846
tduepunti0 : = 2.9256314079738E+16
v=v_elettrone : = 14917835.66091
x0= : 9.8454304097057E-13
y0= : -1.2139674067061E-12
*****
i=40128
k(40128)=0.99911253370897
kQ(40128)=0.99822585501435
r1= : 1.560064056333E-12
rpunto1 : = -12627419.062139
rduepunti0 : = -6.3083267918523E+25
fil : = 489.20027487011
fipunto1 : = 5.1185306828184E+18
fi_gradi : = 28029.111086697
t1 : = 1.081014968582E-14
tpunto1 : = 1.0027681406642
tduepunti0 : = 2.9329109160855E+16
v=v_elettrone : = 14928098.194339
x0= : 9.8433642454209E-13
y0= : -1.2122301056911E-12
```



```
*****
i=40129
k(40129)=0.99911149167644
kQ(40129)=0.99822377279992
r1= : 1.5585831291253E-12
rpunto1:= -12634826.935867
rduepunti0 : = -6.316470210527E+25
fil : = 489.2008751647
fipunto1 : = 5.1282484521897E+18
fi_gradi : = 28029.145481044
t1 : = 1.0810149803424E-14
tpunto1 : = 1.0027715889139
tduepunti0 : = 2.9402183353704E+16
v=v_elettrone : = 14938379.11604
x0= : 9.8412890617236E-13
y0= : -1.2104917000534E-12
*****
i=40130
k(40130)=0.99911044768425
kQ(40130)=0.99822168667182
r1= : 1.5571013331317E-12
rpunto1:= -12642244.380227
rduepunti0 : = -6.3246307996727E+25
fil : = 489.20147659898
fipunto1 : = 5.1379996394933E+18
fi_gradi : = 28029.179940689
t1 : = 1.0810149921027E-14
tpunto1 : = 1.0027750457665
tduepunti0 : = 2.9475538098668E+16
v=v_elettrone : = 14948678.485441
x0= : 9.8392048348027E-13
y0= : -1.2087521882428E-12
*****
i=40131
k(40131)=0.99910940172718
kQ(40131)=0.99821959661964
r1= : 1.55561866723E-12
rpunto1:= -12649671.415397
rduepunti0 : = -6.3328085936137E+25
fil : = 489.20207917686
fipunto1 : = 5.1477844064912E+18
fi_gradi : = 28029.214465859
t1 : = 1.0810150038632E-14
tpunto1 : = 1.0027785112551
tduepunti0 : = 2.9549174845418E+16
v=v_elettrone : = 14958996.362212
x0= : 9.8371115407537E-13
y0= : -1.2070115687053E-12
*****
i=40132
k(40132)=0.99910835379999
kQ(40132)=0.99821750263293
r1= : 1.5541351302954E-12
rpunto1:= -12657108.061594
rduepunti0 : = -6.3410036265974E+25
fil : = 489.20268290229
fipunto1 : = 5.1576029159494E+18
fi_gradi : = 28029.249056778
t1 : = 1.0810150156236E-14
tpunto1 : = 1.002781985413
tduepunti0 : = 2.9623095052984E+16
v=v_elettrone : = 14969332.805471
x0= : 9.835009155578E-13
y0= : -1.205269839883E-12
```

```
*****
i=40133
k(40133)=0.99910730389743
kQ(40133)=0.9982154047012
r1= : 1.5526507212006E-12
rpunto1:= -12664554.339077
rduepunti0 := -6.349215932791E+25
fil := 489.20328777922
fipunto1 := 5.1674553316456E+18
fi_gradi := 28029.283713673
t1 := 1.0810150273841E-14
tpunto1 := 1.0027854682735
tduepunti0 := 2.9697300189831E+16
v=v_elettrone := 14979687.876182
x0= : 9.8328976551808E-13
y0= : -1.2035270002146E-12
*****
i=40134
k(40134)=0.99910625201424
kQ(40134)=0.99821330281394
r1= : 1.551165438816E-12
rpunto1:= -12672010.268143
rduepunti0 := -6.3574455462789E+25
fil := 489.20389381163
fipunto1 := 5.1773418183771E+18
fi_gradi := 28029.318436773
t1 := 1.0810150391446E-14
tpunto1 := 1.0027889598703
tduepunti0 := 2.9771791733926E+16
v=v_elettrone := 14990061.634349
x0= : 9.8307770153737E-13
y0= : -1.201783048135E-12
*****
i=40135
k(40135)=0.99910519814513
kQ(40135)=0.99821119696062
r1= : 1.5496792820099E-12
rpunto1:= -12679475.869129
rduepunti0 := -6.3656925010603E+25
fil := 489.20450100351
fipunto1 := 5.1872625419679E+18
fi_gradi := 28029.353226305
t1 := 1.0810150509052E-14
tpunto1 := 1.0027924602372
tduepunti0 := 2.9846571172818E+16
v=v_elettrone := 15000454.140202
x0= : 9.8286472118717E-13
y0= : -1.2000379820752E-12
*****
i=40136
k(40136)=0.9991041422848
kQ(40136)=0.99820908713065
r1= : 1.5481922496478E-12
rpunto1:= -12686951.162414
rduepunti0 := -6.3739568310456E+25
fil := 489.20510935889
fipunto1 := 5.1972176692771E+18
fi_gradi := 28029.3880825
t1 := 1.0810150626658E-14
tpunto1 := 1.0027959694081
tduepunti0 := 2.9921640003705E+16
v=v_elettrone := 15010865.455416
x0= : 9.826508220293E-13
y0= : -1.1982918004626E-12
```

```
*****
i=40137
k(40137)=0.99910308442795
kQ(40137)=0.99820697331343
r1= : 1.5467043405931E-12
rpunto1 : = -12694436.168415
rduepunti0 : = -6.3822385700543E+25
fil : = 489.20571888178
fipunto1 : = 5.2072073682064E+18
fi_gradi : = 28029.42300559
t1 : = 1.0810150744265E-14
tpunto1 : = 1.002799487417
tduepunti0 : = 2.9996999733515E+16
v=v_elettrone : = 15021295.640668
x0= : 9.82436001616E-13
y0= : -1.1965445017209E-12
*****
i=40138
k(40138)=0.99910202456923
kQ(40138)=0.99820485549834
r1= : 1.5452155537067E-12
rpunto1 : = -12701930.907587
rduepunti0 : = -6.3905377518113E+25
fil : = 489.20632957626
fipunto1 : = 5.217231807708E+18
fi_gradi : = 28029.457995806
t1 : = 1.0810150861872E-14
tpunto1 : = 1.0028030142983
tduepunti0 : = 3.0072651878978E+16
v=v_elettrone : = 15031744.757676
x0= : 9.822202574897E-13
y0= : -1.1947960842698E-12
*****
i=40139
k(40139)=0.99910096270331
kQ(40139)=0.99820273367469
r1= : 1.5437258878471E-12
rpunto1 : = -12709435.400427
rduepunti0 : = -6.3988544099445E+25
fil : = 489.20694144639
fipunto1 : = 5.227291157793E+18
fi_gradi : = 28029.493053382
t1 : = 1.0810150979479E-14
tpunto1 : = 1.0028065500865
tduepunti0 : = 3.0148597966702E+16
v=v_elettrone : = 15042212.867956
x0= : 9.8200358718309E-13
y0= : -1.1930465465256E-12
*****
i=40140
k(40140)=0.99909989882483
kQ(40140)=0.99820060783179
r1= : 1.5422353418704E-12
rpunto1 : = -12716949.667471
rduepunti0 : = -6.4071885779814E+25
fil : = 489.20755449627
fipunto1 : = 5.2373855895388E+18
fi_gradi : = 28029.528178552
t1 : = 1.0810151097087E-14
tpunto1 : = 1.0028100948162
tduepunti0 : = 3.0224839533252E+16
v=v_elettrone : = 15052700.034046
x0= : 9.8178598821898E-13
y0= : -1.1912958869006E-12
```

```
*****
i=40141
k(40141)=0.99909883292841
kQ(40141)=0.99819847795892
r1= : 1.5407439146302E-12
rpunto1: = -12724473.729292
rduepunti0 : = -6.4155402893461E+25
fil : = 489.20816873
fipunto1 : = 5.2475152750977E+18
fi_gradi : = 28029.563371553
t1 : = 1.0810151214696E-14
tpunto1 : = 1.0028136485222
tduepunti0 : = 3.0301378125227E+16
v=v_elettrone : = 15063206.317476
x0= : 9.8156745811037E-13
y0= : -1.1895441038031E-12
*****
i=40142
k(40142)=0.99909776500867
kQ(40142)=0.99819634404531
r1= : 1.5392516049779E-12
rpunto1: = -12732007.606505
rduepunti0 : = -6.4239095773564E+25
fil : = 489.20878415174
fipunto1 : = 5.257680387705E+18
fi_gradi : = 28029.598632621
t1 : = 1.0810151332304E-14
tpunto1 : = 1.0028172112396
tduepunti0 : = 3.0378215299334E+16
v=v_elettrone : = 15073731.781591
x0= : 9.8134799436018E-13
y0= : -1.187791195638E-12
*****
i=40143
k(40143)=0.99909669506018
kQ(40143)=0.99819420608018
r1= : 1.5377584117623E-12
rpunto1: = -12739551.319763
rduepunti0 : = -6.4322964752201E+25
fil : = 489.20940076562
fipunto1 : = 5.2678811016874E+18
fi_gradi : = 28029.633961994
t1 : = 1.0810151449913E-14
tpunto1 : = 1.0028207830036
tduepunti0 : = 3.0455352622475E+16
v=v_elettrone : = 15084276.488714
x0= : 9.8112759446145E-13
y0= : -1.1860371608062E-12
*****
i=40144
k(40144)=0.99909562307753
kQ(40144)=0.99819206405269
r1= : 1.5362643338299E-12
rpunto1: = -12747104.889756
rduepunti0 : = -6.4407010160321E+25
fil : = 489.21001857584
fipunto1 : = 5.2781175924708E+18
fi_gradi : = 28029.669359912
t1 : = 1.0810151567523E-14
tpunto1 : = 1.0028243638495
tduepunti0 : = 3.0532791671818E+16
v=v_elettrone : = 15094840.502569
x0= : 9.8090625589711E-13
y0= : -1.1842819977048E-12
```

```
*****
i=40145
k(40145)=0.99909454905529
kQ(40145)=0.99818991795199
r1= : 1.5347693700247E-12
rpunto1 : = -12754668.337214
rduepunti0 : = -6.4491232327712E+25
fil : = 489.21063758657
fipunto1 : = 5.2883900365897E+18
fi_gradi : = 28029.704826615
t1 : = 1.0810151685133E-14
tpunto1 : = 1.0028279538129
tduepunti0 : = 3.0610534034883E+16
v=v_elettrone : = 15105423.886258
x0= : 9.8068397614003E-13
y0= : -1.182525704727E-12
*****
i=40146
k(40146)=0.99909347298799
kQ(40146)=0.99818776776721
r1= : 1.5332735191882E-12
rpunto1 : = -12762241.682907
rduepunti0 : = -6.4575631582966E+25
fil : = 489.21125780204
fipunto1 : = 5.2986986116946E+18
fi_gradi : = 28029.740362344
t1 : = 1.0810151802743E-14
tpunto1 : = 1.0028315529296
tduepunti0 : = 3.0688581309622E+16
v=v_elettrone : = 15116026.703464
x0= : 9.8046075265288E-13
y0= : -1.1807682802621E-12
*****
i=40147
k(40147)=0.99909239487017
kQ(40147)=0.99818561348742
r1= : 1.5317767801596E-12
rpunto1 : = -12769824.947642
rduepunti0 : = -6.4660208253445E+25
fil : = 489.21187922649
fipunto1 : = 5.3090434965614E+18
fi_gradi : = 28029.775967342
t1 : = 1.0810151920354E-14
tpunto1 : = 1.0028351612356
tduepunti0 : = 3.0766935104499E+16
v=v_elettrone : = 15126649.018846
x0= : 9.8023658288812E-13
y0= : -1.1790097226959E-12
*****
i=40148
k(40148)=0.99909131469634
kQ(40148)=0.99818345510167
r1= : 1.5302791517757E-12
rpunto1 : = -12777418.152263
rduepunti0 : = -6.4744962665246E+25
fil : = 489.21250186418
fipunto1 : = 5.3194248710997E+18
fi_gradi : = 28029.811641853
t1 : = 1.0810152037965E-14
tpunto1 : = 1.0028387787669
tduepunti0 : = 3.0845597038574E+16
v=v_elettrone : = 15137290.896027
x0= : 9.8001146428801E-13
y0= : -1.17725003041E-12
```

```
*****
i=40149
k(40149)=0.999090232461
kQ(40149)=0.99818129259898
r1= : 1.5287806328707E-12
rpunto1: = -12785021.317654
rduepunti0 : = -6.4829895143169E+25
fil : = 489.21312571938
fipunto1 : = 5.3298429163617E+18
fi_gradi : = 28029.847386123
t1 : = 1.0810152155577E-14
tpunto1 : = 1.0028424055599
tduepunti0 : = 3.0924568741585E+16
v=v_elettrone : = 15147952.400394
x0= : 9.7978539428439E-13
y0= : -1.1754892017821E-12
*****
i=40150
k(40150)=0.99908914815863
kQ(40150)=0.99817912596834
r1= : 1.5272812222763E-12
rpunto1: = -12792634.464737
rduepunti0 : = -6.4915006010676E+25
fil : = 489.21375079639
fipunto1 : = 5.3402978145508E+18
fi_gradi : = 28029.883200398
t1 : = 1.0810152273189E-14
tpunto1 : = 1.0028460416511
tduepunti0 : = 3.1003851854036E+16
v=v_elettrone : = 15158633.59629
x0= : 9.7955837029881E-13
y0= : -1.1737272351862E-12
*****
i=40151
k(40151)=0.9990880617837
kQ(40151)=0.99817695519871
r1= : 1.525780918822E-12
rpunto1: = -12800257.61447
rduepunti0 : = -6.5000295589862E+25
fil : = 489.21437709954
fipunto1 : = 5.3507897490305E+18
fi_gradi : = 28029.919084925
t1 : = 1.0810152390801E-14
tpunto1 : = 1.0028496870773
tduepunti0 : = 3.1083448027274E+16
v=v_elettrone : = 15169334.549416
x0= : 9.7933038974233E-13
y0= : -1.1719641289924E-12
*****
i=40152
k(40152)=0.99908697333066
kQ(40152)=0.99817478027902
r1= : 1.5242797213347E-12
rpunto1: = -12807890.78785
rduepunti0 : = -6.5085764201412E+25
fil : = 489.21500463317
fipunto1 : = 5.3613189043337E+18
fi_gradi : = 28029.955039954
t1 : = 1.0810152508414E-14
tpunto1 : = 1.0028533418753
tduepunti0 : = 3.1163358923584E+16
v=v_elettrone : = 15180055.324814
x0= : 9.7910145001555E-13
y0= : -1.1701998815667E-12
```

```

*****
i=40153
k(40153)=0.99908588279394
kQ(40153)=0.99817260119815
r1= : 1.5227776286387E-12
rpunto1: = -12815534.005911
rduepunti0 : = -6.5171412164567E+25
fil : = 489.21563340164
fipunto1 : = 5.3718854661715E+18
fi_gradi : = 28029.991065734
t1 : = 1.0810152626027E-14
tpunto1 : = 1.0028570060823
tduepunti0 : = 3.1243586216268E+16
v=v_elettrone : = 15190795.988864
x0= : 9.7887154850845E-13
y0= : -1.1684344912714E-12
*****
i=40154
k(40154)=0.99908479016797
kQ(40154)=0.99817041794497
r1= : 1.5212746395562E-12
rpunto1: = -12823187.289725
rduepunti0 : = -6.5257239797087E+25
fil : = 489.21626340935
fipunto1 : = 5.3824896214422E+18
fi_gradi : = 28030.027162516
t1 : = 1.0810152743641E-14
tpunto1 : = 1.0028606797355
tduepunti0 : = 3.1324131589736E+16
v=v_elettrone : = 15201556.607691
x0= : 9.7864068260051E-13
y0= : -1.1666679564648E-12
*****
i=40155
k(40155)=0.99908369544714
kQ(40155)=0.99816823050831
r1= : 1.5197707529065E-12
rpunto1: = -12830850.6604
rduepunti0 : = -6.5343247415209E+25
fil : = 489.2168946607
fipunto1 : = 5.3931315582409E+18
fi_gradi : = 28030.063330554
t1 : = 1.0810152861255E-14
tpunto1 : = 1.0028643628725
tduepunti0 : = 3.1404996739591E+16
v=v_elettrone : = 15212337.247536
x0= : 9.784088496605E-13
y0= : -1.1649002755012E-12
*****
i=40156
k(40156)=0.99908259862584
kQ(40156)=0.99816603887696
r1= : 1.5182659675067E-12
rpunto1: = -12838524.139081
rduepunti0 : = -6.5429435333612E+25
fil : = 489.21752716012
fipunto1 : = 5.4038114658683E+18
fi_gradi : = 28030.099570102
t1 : = 1.081015297887E-14
tpunto1 : = 1.0028680555309
tduepunti0 : = 3.1486183372721E+16
v=v_elettrone : = 15223137.975579
x0= : 9.7817604704646E-13
y0= : -1.163131446731E-12

```

```
*****
i=40157
k(40157)=0.99908149969845
kQ(40157)=0.9981638430397
r1= : 1.5167602821714E-12
rpunto1: = -12846207.746951
rduepunti0 : = -6.5515803865375E+25
fil : = 489.21816091207
fipunto1 : = 5.4145295348407E+18
fi_gradi : = 28030.135881414
t1 : = 1.0810153096485E-14
tpunto1 : = 1.0028717577487
tduepunti0 : = 3.1567693207388E+16
v=v_elettrone : = 15233958.858301
x0= : 9.779422721057E-13
y0= : -1.1613614685006E-12
*****
i=40158
k(40158)=0.99908039865932
kQ(40158)=0.99816164298526
r1= : 1.5152536957125E-12
rpunto1: = -12853901.505228
rduepunti0 : = -6.5602353321938E+25
fil : = 489.21879592102
fipunto1 : = 5.425285956899E+18
fi_gradi : = 28030.172264746
t1 : = 1.0810153214101E-14
tpunto1 : = 1.002875469564
tduepunti0 : = 3.1649527973315E+16
v=v_elettrone : = 15244799.963909
x0= : 9.7770752217459E-13
y0= : -1.1595903391525E-12
*****
i=40159
k(40159)=0.99907929550278
kQ(40159)=0.99815943870234
r1= : 1.5137462069398E-12
rpunto1: = -12861605.435167
rduepunti0 : = -6.5689084013059E+25
fil : = 489.21943219147
fipunto1 : = 5.4360809250183E+18
fi_gradi : = 28030.208720358
t1 : = 1.0810153331716E-14
tpunto1 : = 1.0028791910151
tduepunti0 : = 3.1731689411782E+16
v=v_elettrone : = 15255661.35951
x0= : 9.7747179457875E-13
y0= : -1.1578180570252E-12
*****
i=40160
k(40160)=0.99907819022317
kQ(40160)=0.99815723017961
r1= : 1.5122378146602E-12
rpunto1: = -12869319.55806
rduepunti0 : = -6.5775996246777E+25
fil : = 489.22006972794
fipunto1 : = 5.4469146334179E+18
fi_gradi : = 28030.245248507
t1 : = 1.0810153449333E-14
tpunto1 : = 1.0028829221405
tduepunti0 : = 3.1814179275715E+16
v=v_elettrone : = 15266543.113511
x0= : 9.7723508663271E-13
y0= : -1.1560446204531E-12
```



```
*****
i=40161
k(40161)=0.99907708281479
kQ(40161)=0.99815501740571
r1= : 1.5107285176784E-12
rpunto1:= -12877043.895232
rduepunti0 : = -6.5863090329365E+25
fil : = 489.22070853497
fipunto1 : = 5.4577872775706E+18
fi_gradi : = 28030.281849453
t1 : = 1.081015356695E-14
tpunto1 : = 1.0028866629789
tduepunti0 : = 3.1896999329777E+16
v=v_elettrone : = 15277445.294409
x0= : 9.7699739564006E-13
y0= : -1.1542700277668E-12
*****
i=40162
k(40162)=0.99907597327193
kQ(40162)=0.99815280036925
r1= : 1.5092183147964E-12
rpunto1:= -12884778.468048
rduepunti0 : = -6.595036656529E+25
fil : = 489.22134861713
fipunto1 : = 5.4686990542129E+18
fi_gradi : = 28030.31852346
t1 : = 1.0810153684567E-14
tpunto1 : = 1.0028904135692
tduepunti0 : = 3.1980151350469E+16
v=v_elettrone : = 15288367.970403
x0= : 9.7675871889333E-13
y0= : -1.1524942772928E-12
*****
i=40163
k(40163)=0.99907486158886
kQ(40163)=0.99815057905881
r1= : 1.5077072048138E-12
rpunto1:= -12892523.297905
rduepunti0 : = -6.6037825257171E+25
fil : = 489.22198997901
fipunto1 : = 5.4796501613544E+18
fi_gradi : = 28030.355270789
t1 : = 1.0810153802185E-14
tpunto1 : = 1.0028941739507
tduepunti0 : = 3.2063637126216E+16
v=v_elettrone : = 15299311.210954
x0= : 9.7651905367383E-13
y0= : -1.1507173673534E-12
*****
i=40164
k(40164)=0.99907374775986
kQ(40164)=0.99814835346293
r1= : 1.5061951865276E-12
rpunto1:= -12900278.406236
rduepunti0 : = -6.6125466705729E+25
fil : = 489.22263262522
fipunto1 : = 5.4906407982886E+18
fi_gradi : = 28030.392091704
t1 : = 1.0810153919803E-14
tpunto1 : = 1.0028979441626
tduepunti0 : = 3.2147458457469E+16
v=v_elettrone : = 15310275.085609
x0= : 9.7627839725174E-13
y0= : -1.1489392962672E-12
```

```
*****
i=40165
k(40165)=0.99907263177915
kQ(40165)=0.99814612357012
r1= : 1.5046822587325E-12
rpunto1 : = -12908043.81451
rduepunti0 : = -6.6213291209751E+25
fil : = 489.2232765604
fipunto1 : = 5.5016711656021E+18
fi_gradi : = 28030.428986472
t1 : = 1.0810154037421E-14
tpunto1 : = 1.0029017242446
tduepunti0 : = 3.2231617156798E+16
v=v_elettrone : = 15321259.663587
x0= : 9.7603674688602E-13
y0= : -1.1471600623484E-12
*****
i=40166
k(40166)=0.99907151364097
kQ(40166)=0.99814388936885
r1= : 1.5031684202205E-12
rpunto1 : = -12915819.544231
rduepunti0 : = -6.6301299066037E+25
fil : = 489.2239217892
fipunto1 : = 5.5127414651855E+18
fi_gradi : = 28030.46595536
t1 : = 1.081015415504E-14
tpunto1 : = 1.0029055142363
tduepunti0 : = 3.2316115048989E+16
v=v_elettrone : = 15332265.01497
x0= : 9.7579409982423E-13
y0= : -1.1453796639074E-12
*****
i=40167
k(40167)=0.99907039333952
kQ(40167)=0.99814165084759
r1= : 1.501653669781E-12
rpunto1 : = -12923605.616936
rduepunti0 : = -6.6389490569357E+25
fil : = 489.22456831632
fipunto1 : = 5.5238519002435E+18
fi_gradi : = 28030.502998635
t1 : = 1.081015427266E-14
tpunto1 : = 1.0029093141779
tduepunti0 : = 3.2400953971144E+16
v=v_elettrone : = 15343291.20989
x0= : 9.7555045330255E-13
y0= : -1.1435980992505E-12
*****
i=40168
k(40168)=0.99906927086902
kQ(40168)=0.99813940799475
r1= : 1.5001380062012E-12
rpunto1 : = -12931402.054197
rduepunti0 : = -6.6477866012405E+25
fil : = 489.22521614645
fipunto1 : = 5.5350026753048E+18
fi_gradi : = 28030.540116567
t1 : = 1.081015439028E-14
tpunto1 : = 1.0029131241094
tduepunti0 : = 3.248613577278E+16
v=v_elettrone : = 15354338.319723
x0= : 9.7530580454569E-13
y0= : -1.1418153666799E-12
```

```
*****
i=40169
k(40169)=0.99906814622362
kQ(40169)=0.9981371607987
r1= : 1.4986214282653E-12
rpunto1 : = -12939208.877621
rduepunti0 : = -6.6566425685751E+25
fil : = 489.22586528433
fipunto1 : = 5.5461939962334E+18
fi_gradi : = 28030.577309428
t1 : = 1.08101545079E-14
tpunto1 : = 1.0029169440714
tduepunti0 : = 3.2571662315928E+16
v=v_elettrone : = 15365406.415105
x0= : 9.7506015076695E-13
y0= : -1.1400314644936E-12
*****
i=40170
k(40170)=0.9990670193975
kQ(40170)=0.9981349092478
r1= : 1.4971039347554E-12
rpunto1 : = -12947026.108848
rduepunti0 : = -6.6655169877789E+25
fil : = 489.22651573472
fipunto1 : = 5.5574260702386E+18
fi_gradi : = 28030.61457749
t1 : = 1.0810154625521E-14
tpunto1 : = 1.0029207741045
tduepunti0 : = 3.2657535475234E+16
v=v_elettrone : = 15376495.567493
x0= : 9.7481348916802E-13
y0= : -1.1382463909857E-12
*****
i=40171
k(40171)=0.9990658903848
kQ(40171)=0.99813265333038
r1= : 1.4955855244508E-12
rpunto1 : = -12954853.769552
rduepunti0 : = -6.6744098874696E+25
fil : = 489.22716750238
fipunto1 : = 5.5686991058857E+18
fi_gradi : = 28030.651921026
t1 : = 1.0810154743142E-14
tpunto1 : = 1.0029246142495
tduepunti0 : = 3.2743757138061E+16
v=v_elettrone : = 15387605.848391
x0= : 9.7456581693893E-13
y0= : -1.136460144446E-12
*****
i=40172
k(40172)=0.99906475917966
kQ(40172)=0.99813039303471
r1= : 1.4940661961284E-12
rpunto1 : = -12962691.881439
rduepunti0 : = -6.6833212960373E+25
fil : = 489.22782059214
fipunto1 : = 5.5800133131071E+18
fi_gradi : = 28030.689340313
t1 : = 1.0810154860764E-14
tpunto1 : = 1.0029284645477
tduepunti0 : = 3.2830329204592E+16
v=v_elettrone : = 15398737.329716
x0= : 9.7431713125801E-13
y0= : -1.1346727231603E-12
```

```
*****
i=40173
k(40173)=0.99906362577619
kQ(40173)=0.99812812834907
r1= : 1.4925459485625E-12
rpunto1 : = -12970540.46625
rduepunti0 : = -6.6922512416402E+25
fil : = 489.22847500881
fipunto1 : = 5.5913689032129E+18
fi_gradi : = 28030.726835626
t1 : = 1.0810154978386E-14
tpunto1 : = 1.0029323250401
tduepunti0 : = 3.2917253587935E+16
v=v_elettrone : = 15409890.084585
x0= : 9.740674292918E-13
y0= : -1.1328841254102E-12
*****
i=40174
k(40174)=0.99906249016849
kQ(40174)=0.99812585926166
r1= : 1.4910247805248E-12
rpunto1 : = -12978399.545757
rduepunti0 : = -6.701199752199E+25
fil : = 489.22913075725
fipunto1 : = 5.6027660889018E+18
fi_gradi : = 28030.764407244
t1 : = 1.0810155096008E-14
tpunto1 : = 1.0029361957686
tduepunti0 : = 3.3004532214223E+16
v=v_elettrone : = 15421064.18496
x0= : 9.7381670819512E-13
y0= : -1.1310943494733E-12
*****
i=40175
k(40175)=0.99906135235064
kQ(40175)=0.99812358576069
r1= : 1.4895026907845E-12
rpunto1 : = -12986269.141765
rduepunti0 : = -6.7101668553918E+25
fil : = 489.22978784233
fipunto1 : = 5.6142050842725E+18
fi_gradi : = 28030.802055446
t1 : = 1.0810155213631E-14
tpunto1 : = 1.0029400767747
tduepunti0 : = 3.3092167022727E+16
v=v_elettrone : = 15432259.70399
x0= : 9.7356496511076E-13
y0= : -1.1293033936228E-12
*****
i=40176
k(40176)=0.99906021231671
kQ(40176)=0.99812130783431
r1= : 1.4879796781083E-12
rpunto1 : = -12994149.276112
rduepunti0 : = -6.7191525786492E+25
fil : = 489.23044626897
fipunto1 : = 5.6256861048346E+18
fi_gradi : = 28030.839780514
t1 : = 1.0810155331255E-14
tpunto1 : = 1.0029439681005
tduepunti0 : = 3.3180159965958E+16
v=v_elettrone : = 15443476.715597
x0= : 9.7331219716956E-13
y0= : -1.127511256128E-12
```

```
*****
i=40177
k(40177)=0.99905907006075
kQ(40177)=0.99811902547065
r1= : 1.4864557412603E-12
rpunto1 : = -13002039.970668
rduepunti0 : = -6.7281569491482E+25
fil : = 489.23110604209
fipunto1 : = 5.6372093675201E+18
fi_gradi : = 28030.877582729
t1 : = 1.0810155448879E-14
tpunto1 : = 1.0029478697882
tduepunti0 : = 3.3268513009774E+16
v=v_elettrone : = 15454715.292934
x0= : 9.7305840149043E-13
y0= : -1.1257179352539E-12
*****
i=40178
k(40178)=0.9990579255768
kQ(40178)=0.99811673865781
r1= : 1.4849308790019E-12
rpunto1 : = -13009941.247332
rduepunti0 : = -6.7371799938074E+25
fil : = 489.23176716663
fipunto1 : = 5.6487750906946E+18
fi_gradi : = 28030.915462375
t1 : = 1.0810155566503E-14
tpunto1 : = 1.0029517818803
tduepunti0 : = 3.3357228133491E+16
v=v_elettrone : = 15465975.511088
x0= : 9.7280357518005E-13
y0= : -1.1239234292613E-12
*****
i=40179
k(40179)=0.99905677885887
kQ(40179)=0.99811444738385
r1= : 1.4834050900921E-12
rpunto1 : = -13017853.128037
rduepunti0 : = -6.746221739281E+25
fil : = 489.2324296476
fipunto1 : = 5.6603834941688E+18
fi_gradi : = 28030.953419738
t1 : = 1.0810155684128E-14
tpunto1 : = 1.0029557044196
tduepunti0 : = 3.3446307329994E+16
v=v_elettrone : = 15477257.443568
x0= : 9.7254771533311E-13
y0= : -1.1221277364069E-12
*****
i=40180
k(40180)=0.99905562990097
kQ(40180)=0.99811215163682
r1= : 1.4818783732872E-12
rpunto1 : = -13025775.634746
rduepunti0 : = -6.7552822119537E+25
fil : = 489.23309348998
fipunto1 : = 5.6720347992103E+18
fi_gradi : = 28030.991455105
t1 : = 1.0810155801754E-14
tpunto1 : = 1.0029596374488
tduepunti0 : = 3.3535752605843E+16
v=v_elettrone : = 15488561.165426
x0= : 9.722908190319E-13
y0= : -1.120330854943E-12
```

```
*****
i=40181
k(40181)=0.99905447869708
kQ(40181)=0.99810985140469
r1= : 1.4803507273411E-12
rpunto1: = -13033708.789453
rduepunti0 : = -6.7643614379345E+25
fil : = 489.23375869881
fipunto1 : = 5.6837292285551E+18
fi_gradi : = 28031.029568763
t1 : = 1.0810155919379E-14
tpunto1 : = 1.0029635810112
tduerpunti0 : = 3.362556598139E+16
v=v_elettrone : = 15499886.752449
x0= : 9.7203288334642E-13
y0= : -1.118532783118E-12
*****
i=40182
k(40182)=0.99905332524118
kQ(40182)=0.99810754667546
r1= : 1.4788221510051E-12
rpunto1: = -13041652.614181
rduepunti0 : = -6.773459443051E+25
fil : = 489.23442527914
fipunto1 : = 5.6954670064196E+18
fi_gradi : = 28031.067761003
t1 : = 1.0810156037006E-14
tpunto1 : = 1.0029675351503
tduerpunti0 : = 3.3715749490889E+16
v=v_elettrone : = 15511234.279635
x0= : 9.7177390533441E-13
y0= : -1.1167335191757E-12
*****
i=40183
k(40183)=0.99905216952722
kQ(40183)=0.99810523743705
r1= : 1.4772926430276E-12
rpunto1: = -13049607.130984
rduepunti0 : = -6.7825762528438E+25
fil : = 489.23509323607
fipunto1 : = 5.7072483585124E+18
fi_gradi : = 28031.106032116
t1 : = 1.0810156154632E-14
tpunto1 : = 1.0029714999096
tduerpunti0 : = 3.380630518261E+16
v=v_elettrone : = 15522603.823462
x0= : 9.7151388204108E-13
y0= : -1.114933061356E-12
*****
i=40184
k(40184)=0.99905101154914
kQ(40184)=0.99810292367736
r1= : 1.4757622021548E-12
rpunto1: = -13057572.361947
rduepunti0 : = -6.7917118925604E+25
fil : = 489.2357625747
fipunto1 : = 5.7190735120463E+18
fi_gradi : = 28031.144382395
t1 : = 1.0810156272259E-14
tpunto1 : = 1.002975475333
tduerpunti0 : = 3.3897235118954E+16
v=v_elettrone : = 15533995.459604
x0= : 9.712528104992E-13
y0= : -1.1131314078943E-12
```

```
*****
i=40185
k(40185)=0.99904985130086
kQ(40185)=0.99810060538428
r1= : 1.4742308271301E-12
rpunto1 : = -13065548.329181
rduepunti0 : = -6.8008663871489E+25
fil : = 489.23643330017
fipunto1 : = 5.7309426957508E+18
fi_gradi : = 28031.182812133
t1 : = 1.0810156389887E-14
tpunto1 : = 1.0029794614648
tduepunti0 : = 3.3988541376572E+16
v=v_elettrone : = 15545409.26522
x0= : 9.7099068772886E-13
y0= : -1.111328557022E-12
*****
i=40186
k(40186)=0.9990486887763
kQ(40186)=0.99809828254564
r1= : 1.4726985166944E-12
rpunto1 : = -13073535.054828
rduepunti0 : = -6.8100397612521E+25
fil : = 489.23710541764
fipunto1 : = 5.7428561398838E+18
fi_gradi : = 28031.221321628
t1 : = 1.0810156507515E-14
tpunto1 : = 1.0029834583491
tduepunti0 : = 3.4080226046479E+16
v=v_elettrone : = 15556845.317016
x0= : 9.7072751073756E-13
y0= : -1.1095245069659E-12
*****
i=40187
k(40187)=0.99904752396933
kQ(40187)=0.99809595514926
r1= : 1.4711652695859E-12
rpunto1 : = -13081532.561059
rduepunti0 : = -6.8192320392013E+25
fil : = 489.23777893231
fipunto1 : = 5.7548140762448E+18
fi_gradi : = 28031.259911176
t1 : = 1.0810156625144E-14
tpunto1 : = 1.0029874660308
tduepunti0 : = 3.4172291234171E+16
v=v_elettrone : = 15568303.692797
x0= : 9.7046327652004E-13
y0= : -1.1077192559488E-12
*****
i=40188
k(40188)=0.99904635687385
kQ(40188)=0.9980936231829
r1= : 1.4696310845404E-12
rpunto1 : = -13089540.870072
rduepunti0 : = -6.8284432450097E+25
fil : = 489.23845384938
fipunto1 : = 5.7668167381865E+18
fi_gradi : = 28031.298581075
t1 : = 1.0810156742773E-14
tpunto1 : = 1.0029914845546
tduepunti0 : = 3.426473905975E+16
v=v_elettrone : = 15579784.470275
x0= : 9.7019798205828E-13
y0= : -1.1059128021891E-12
```

```
*****
i=40189
k(40189)=0.99904518748369
kQ(40189)=0.99809128663433
r1= : 1.4680959602908E-12
rpunto1 : = -13097560.004092
rduepunti0 : = -6.8376734023662E+25
fil : = 489.23913017411
fipunto1 : = 5.7788643606282E+18
fi_gradi : = 28031.337331628
t1 : = 1.0810156860402E-14
tpunto1 : = 1.0029955139657
tduepunti0 : = 3.435757165804E+16
v=v_elettrone : = 15591287.727477
x0= : 9.699316243214E-13
y0= : -1.104105143901E-12
*****
i=40190
k(40190)=0.99904401579272
kQ(40190)=0.99808894549125
r1= : 1.4665598955677E-12
rpunto1 : = -13105589.985374
rduepunti0 : = -6.8469225346287E+25
fil : = 489.23980791177
fipunto1 : = 5.7909571800679E+18
fi_gradi : = 28031.376163136
t1 : = 1.0810156978032E-14
tpunto1 : = 1.0029995543095
tduepunti0 : = 3.4450791178709E+16
v=v_elettrone : = 15602813.543099
x0= : 9.6966420026552E-13
y0= : -1.1022962792941E-12
*****
i=40191
k(40191)=0.99904284179476
kQ(40191)=0.99808659974134
r1= : 1.4650228890989E-12
rpunto1 : = -13113630.836198
rduepunti0 : = -6.8561906648177E+25
fil : = 489.24048706766
fipunto1 : = 5.8030954345959E+18
fi_gradi : = 28031.415075902
t1 : = 1.0810157095663E-14
tpunto1 : = 1.0030036056316
tduepunti0 : = 3.4544399786395E+16
v=v_elettrone : = 15614361.996128
x0= : 9.6939570683379E-13
y0= : -1.1004862065741E-12
*****
i=40192
k(40192)=0.99904166548361
kQ(40192)=0.99808424937227
r1= : 1.4634849396096E-12
rpunto1 : = -13121682.578871
rduepunti0 : = -6.8654778156091E+25
fil : = 489.24116764711
fipunto1 : = 5.8152793639071E+18
fi_gradi : = 28031.454070232
t1 : = 1.0810157213294E-14
tpunto1 : = 1.0030076679778
tduepunti0 : = 3.4638399660827E+16
v=v_elettrone : = 15625933.166213
x0= : 9.6912614095625E-13
y0= : -1.098674923942E-12
```



```
*****
i=40193
k(40193)=0.99904048685308
kQ(40193)=0.99808189437164
r1= : 1.4619460458224E-12
rpunto1 : = -13129745.235727
rduepunti0 : = -6.874784009328E+25
fil : = 489.24184965548
fipunto1 : = 5.8275092093145E+18
fi_gradi : = 28031.493146433
t1 : = 1.0810157330925E-14
tpunto1 : = 1.0030117413944
tduepunti0 : = 3.4732792996951E+16
v=v_elettrone : = 15637527.132496
x0= : 9.6885549954983E-13
y0= : -1.0968624295946E-12
*****
i=40194
k(40194)=0.99903930589694
kQ(40194)=0.99807953472705
r1= : 1.4604062064574E-12
rpunto1 : = -13137818.829124
rduepunti0 : = -6.8841092679412E+25
fil : = 489.24253309815
fipunto1 : = 5.8397852137624E+18
fi_gradi : = 28031.532304813
t1 : = 1.0810157448557E-14
tpunto1 : = 1.0030158259277
tduepunti0 : = 3.4827582005058E+16
v=v_elettrone : = 15649143.975164
x0= : 9.6858377951815E-13
y0= : -1.0950487217243E-12
*****
i=40195
k(40195)=0.99903812260897
kQ(40195)=0.99807717042605
r1= : 1.4588654202319E-12
rpunto1 : = -13145903.381447
rduepunti0 : = -6.8934536130505E+25
fil : = 489.24321798052
fipunto1 : = 5.8521076218397E+18
fi_gradi : = 28031.571545683
t1 : = 1.081015756619E-14
tpunto1 : = 1.0030199216244
tduepunti0 : = 3.4922768910908E+16
v=v_elettrone : = 15660783.775411
x0= : 9.6831097775148E-13
y0= : -1.0932337985194E-12
*****
i=40196
k(40196)=0.9990369369829
kQ(40196)=0.99807480145617
r1= : 1.4573236858606E-12
rpunto1 : = -13153998.915105
rduepunti0 : = -6.9028170658851E+25
fil : = 489.24390430806
fipunto1 : = 5.8644766797934E+18
fi_gradi : = 28031.610869354
t1 : = 1.0810157683822E-14
tpunto1 : = 1.0030240285314
tduepunti0 : = 3.5018355955865E+16
v=v_elettrone : = 15672446.613153
x0= : 9.6803709112683E-13
y0= : -1.0914176581635E-12
```

```
*****
i=40197
k(40197)=0.99903574901247
kQ(40197)=0.9980724278049
r1= : 1.4557810020558E-12
rpunto1:= -13162105.452531
rduepunti0 : = -6.912199647295E+25
fil : = 489.24459208622
fipunto1 : = 5.8768926355425E+18
fi_gradi : = 28031.65027614
t1 : = 1.0810157801456E-14
tpunto1 : = 1.003028146696
tduepunti0 : = 3.511434539702E+16
v=v_elettrone : = 15684132.570842
x0= : 9.6776211650758E-13
y0= : -1.0896002988359E-12
*****
i=40198
k(40198)=0.99903455869139
kQ(40198)=0.99807004945971
r1= : 1.4542373675268E-12
rpunto1:= -13170223.016185
rduepunti0 : = -6.9216013777432E+25
fil : = 489.24528132051
fipunto1 : = 5.8893557386911E+18
fi_gradi : = 28031.689766356
t1 : = 1.081015791909E-14
tpunto1 : = 1.0030322761655
tduepunti0 : = 3.5210739507327E+16
v=v_elettrone : = 15695841.729243
x0= : 9.6748605074373E-13
y0= : -1.0877817187115E-12
*****
i=40199
k(40199)=0.99903336601338
kQ(40199)=0.99806766640803
r1= : 1.4526927809806E-12
rpunto1:= -13178351.628546
rduepunti0 : = -6.931022277298E+25
fil : = 489.24597201646
fipunto1 : = 5.9018662405432E+18
fi_gradi : = 28031.729340319
t1 : = 1.0810158036724E-14
tpunto1 : = 1.0030364169877
tduepunti0 : = 3.5307540575737E+16
v=v_elettrone : = 15707574.170866
x0= : 9.6720889067152E-13
y0= : -1.0859619159608E-12
*****
i=40200
k(40200)=0.99903217097211
kQ(40200)=0.99806527863726
r1= : 1.4511472411213E-12
rpunto1:= -13186491.31212
rduepunti0 : = -6.9404623656259E+25
fil : = 489.24666417962
fipunto1 : = 5.914424394116E+18
fi_gradi : = 28031.768998346
t1 : = 1.0810158154359E-14
tpunto1 : = 1.0030405692107
tduepunti0 : = 3.5404750907325E+16
v=v_elettrone : = 15719329.978451
x0= : 9.6693063311352E-13
y0= : -1.0841408887501E-12
```

```
*****
i=40201
k(40201)=0.99903097356126
kQ(40201)=0.99806288613476
r1= : 1.4496007466506E-12
rpunto1:= -13194642.089433
rduepunti0 := -6.9499216619837E+25
fil := 489.24735781558
fipunto1 := 5.9270304541542E+18
fi_gradi := 28031.80874076
t1 := 1.0810158271994E-14
tpunto1 := 1.0030447328826
tduepunti0 := 3.5502372823433E+16
v=v_elettrone := 15731109.234553
x0= : 9.666512748786E-13
y0= : -1.0823186352409E-12
*****
i=40202
k(40202)=0.99902977377448
kQ(40202)=0.99806048888789
r1= : 1.4480532962674E-12
rpunto1:= -13202803.983034
rduepunti0 := -6.9594001852104E+25
fil := 489.24805292997
fipunto1 := 5.9396846771448E+18
fi_gradi := 28031.84856788
t1 := 1.081015838963E-14
tpunto1 := 1.003048908052
tduepunti0 := 3.5600408661803E+16
v=v_elettrone := 15742912.022674
x0= : 9.6637081276164E-13
y0= : -1.0804951535904E-12
*****
i=40203
k(40203)=0.9990285716054
kQ(40203)=0.99805808688394
r1= : 1.4465048886679E-12
rpunto1:= -13210977.015493
rduepunti0 := -6.9688979537197E+25
fil := 489.24874952843
fipunto1 := 5.9523873213307E+18
fi_gradi := 28031.888480032
t1 := 1.0810158507266E-14
tpunto1 := 1.0030530947677
tduepunti0 := 3.5698860776714E+16
v=v_elettrone := 15754738.426918
x0= : 9.6608924354366E-13
y0= : -1.0786704419516E-12
*****
i=40204
k(40204)=0.99902736704766
kQ(40204)=0.99805568011018
r1= : 1.4449555225459E-12
rpunto1:= -13219161.209404
rduepunti0 := -6.9784149854913E+25
fil := 489.24944761663
fipunto1 := 5.9651386467262E+18
fi_gradi := 28031.92847754
t1 := 1.0810158624903E-14
tpunto1 := 1.0030572930789
tduepunti0 := 3.5797731539122E+16
v=v_elettrone := 15766588.530766
x0= : 9.6580656399168E-13
y0= : -1.0768444984727E-12
```

```
*****
i=40205
k(40205)=0.99902616009486
kQ(40205)=0.99805326855388
r1= : 1.4434051965923E-12
rpunto1 : = -13227356.587377
rduepunti0 : = -6.9879512980636E+25
fil : = 489.2501472003
fipunto1 : = 5.9779389151309E+18
fi_gradi : = 28031.968560731
t1 : = 1.081015874254E-14
tpunto1 : = 1.0030615030349
tduepunti0 : = 3.5897023336802E+16
v=v_elettrone : = 15778462.419426
x0= : 9.6552277085851E-13
y0= : -1.0750173212975E-12
*****
i=40206
k(40206)=0.99902495074059
kQ(40206)=0.99805085220224
r1= : 1.4418539094955E-12
rpunto1 : = -13235563.172045
rduepunti0 : = -6.9975069085243E+25
fil : = 489.25084828516
fipunto1 : = 5.9907883901451E+18
fi_gradi : = 28032.008729935
t1 : = 1.0810158860178E-14
tpunto1 : = 1.0030657246853
tduepunti0 : = 3.5996738574488E+16
v=v_elettrone : = 15790360.177873
x0= : 9.6523786088286E-13
y0= : -1.0731889085655E-12
*****
i=40207
k(40207)=0.99902373897843
kQ(40207)=0.99804843104245
r1= : 1.4403016599412E-12
rpunto1 : = -13243780.98606
rduepunti0 : = -7.007081833503E+25
fil : = 489.251550877
fipunto1 : = 6.0036873371847E+18
fi_gradi : = 28032.048985482
t1 : = 1.0810158977816E-14
tpunto1 : = 1.0030699580802
tduepunti0 : = 3.6096879674017E+16
v=v_elettrone : = 15802281.891236
x0= : 9.6495183078917E-13
y0= : -1.0713592584116E-12
*****
i=40208
k(40208)=0.99902252480194
kQ(40208)=0.99804600506165
r1= : 1.4387484466124E-12
rpunto1 : = -13252010.052092
rduepunti0 : = -7.0166760891617E+25
fil : = 489.25225498161
fipunto1 : = 6.016636023496E+18
fi_gradi : = 28032.089327704
t1 : = 1.0810159095455E-14
tpunto1 : = 1.0030742032698
tduepunti0 : = 3.6197449074474E+16
v=v_elettrone : = 15814227.645933
x0= : 9.6466467728748E-13
y0= : -1.0695283689661E-12
```

```

*****
i=40209
k(40209)=0.99902130820468
kQ(40209)=0.99804357424698
r1= : 1.4371942681895E-12
rpunto1:= -13260250.392832
rduepunti0 : = -7.0262896911868E+25
fil : = 489.25296060482
fipunto1 : = 6.0296347181717E+18
fi_gradi : = 28032.129756936
t1 : = 1.0810159213094E-14
tpunto1 : = 1.0030784603045
tduepunti0 : = 3.6298449232337E+16
v=v_elettrone : = 15826197.527757
x0= : 9.6437639707349E-13
y0= : -1.0676962383549E-12
*****
i=40210
k(40210)=0.99902008918016
kQ(40210)=0.99804113858553
r1= : 1.4356391233502E-12
rpunto1:= -13268502.030985
rduepunti0 : = -7.0359226547798E+25
fil : = 489.2536677525
fipunto1 : = 6.0426836921657E+18
fi_gradi : = 28032.170273514
t1 : = 1.0810159330734E-14
tpunto1 : = 1.0030827292351
tduepunti0 : = 3.6399882621627E+16
v=v_elettrone : = 15838191.62338
x0= : 9.6408698682825E-13
y0= : -1.0658628646994E-12
*****
i=40211
k(40211)=0.9990188677219
kQ(40211)=0.99803869806435
r1= : 1.4340830107695E-12
rpunto1:= -13276764.989277
rduepunti0 : = -7.0455749946486E+25
fil : = 489.25437643055
fipunto1 : = 6.055783218309E+18
fi_gradi : = 28032.210877775
t1 : = 1.0810159448374E-14
tpunto1 : = 1.0030870101129
tduepunti0 : = 3.6501751734054E+16
v=v_elettrone : = 15850210.02074
x0= : 9.6379644321826E-13
y0= : -1.0640282461164E-12
*****
i=40212
k(40212)=0.99901764382342
kQ(40212)=0.99803625267049
r1= : 1.4325259291199E-12
rpunto1:= -13285039.290447
rduepunti0 : = -7.0552467249982E+25
fil : = 489.25508664489
fipunto1 : = 6.0689335713255E+18
fi_gradi : = 28032.25157006
t1 : = 1.0810159566015E-14
tpunto1 : = 1.0030913029891
tduepunti0 : = 3.6604059079167E+16
v=v_elettrone : = 15862252.806355
x0= : 9.6350476289539E-13
y0= : -1.0621923807181E-12

```

```
*****
i=40213
k(40213)=0.99901641747818
kQ(40213)=0.99803380239094
r1= : 1.430967877071E-12
rpunto1 : = -13293324.957253
rduepunto10 : = -7.0649378595215E+25
fil : = 489.25579840149
fipunto1 : = 6.0821350278477E+18
fi_gradi : = 28032.292350709
t1 : = 1.0810159683656E-14
tpunto1 : = 1.0030956079155
tduepunto10 : = 3.6706807184511E+16
v=v_elettrone : = 15874320.069513
x0= : 9.6321194249659E-13
y0= : -1.0603552666124E-12
*****
i=40214
k(40214)=0.99901518867967
kQ(40214)=0.99803134721268
r1= : 1.42940885329E-12
rpunto1 : = -13301622.012468
rduepunto10 : = -7.07464841139E+25
fil : = 489.25651170634
fipunto1 : = 6.095387866433E+18
fi_gradi : = 28032.333220066
t1 : = 1.0810159801298E-14
tpunto1 : = 1.003099924944
tduepunto10 : = 3.6809998595775E+16
v=v_elettrone : = 15886411.897675
x0= : 9.6291797864412E-13
y0= : -1.0585169019024E-12
*****
i=40215
k(40215)=0.99901395742134
kQ(40215)=0.99802888712265
r1= : 1.4278488564412E-12
rpunto1 : = -13309930.478878
rduepunto10 : = -7.0843783932441E+25
fil : = 489.25722656546
fipunto1 : = 6.1086923675799E+18
fi_gradi : = 28032.374178477
t1 : = 1.081015991894E-14
tpunto1 : = 1.003104254127
tduepunto10 : = 3.6913635876948E+16
v=v_elettrone : = 15898528.38067
x0= : 9.6262286794516E-13
y0= : -1.0566772846867E-12
*****
i=40216
k(40216)=0.99901272369663
kQ(40216)=0.99802642210776
r1= : 1.4262878851863E-12
rpunto1 : = -13318250.379286
rduepunto10 : = -7.0941278171837E+25
fil : = 489.25794298492
fipunto1 : = 6.122048813744E+18
fi_gradi : = 28032.415226288
t1 : = 1.0810160036583E-14
tpunto1 : = 1.003108595517
tduepunto10 : = 3.7017721610477E+16
v=v_elettrone : = 15910669.60725
x0= : 9.6232660699194E-13
y0= : -1.0548364130593E-12
```

```
*****
i=40217
k(40217)=0.99901148749897
kQ(40217)=0.9980239521549
r1= : 1.4247259381844E-12
rpunto1:= -13326581.736505
rduepunto10 : = -7.1038966947578E+25
fil : = 489.2586609708
fipunto1 : = 6.1354574893553E+18
fi_gradi : = 28032.456363849
t1 : = 1.0810160154226E-14
tpunto1 : = 1.003112949167
tduepunto10 : = 3.7122258397424E+16
v=v_elettrone : = 15922835.667374
x0= : 9.620291923615E-13
y0= : -1.0529942851096E-12
*****
i=40218
k(40218)=0.99901024882176
kQ(40218)=0.99802147725092
r1= : 1.4231630140917E-12
rpunto1:= -13334924.573364
rduepunto10 : = -7.1136850369552E+25
fil : = 489.25938052924
fipunto1 : = 6.1489186808343E+18
fi_gradi : = 28032.497591511
t1 : = 1.081016027187E-14
tpunto1 : = 1.0031173151301
tduepunto10 : = 3.7227248857627E+16
v=v_elettrone : = 15935026.651802
x0= : 9.6173062061564E-13
y0= : -1.0511508989225E-12
*****
i=40219
k(40219)=0.99900900765841
kQ(40219)=0.99801899738264
r1= : 1.4215991115621E-12
rpunto1:= -13343278.912703
rduepunto10 : = -7.1234928541941E+25
fil : = 489.26010166639
fipunto1 : = 6.1624326766089E+18
fi_gradi : = 28032.538909626
t1 : = 1.0810160389514E-14
tpunto1 : = 1.0031216934598
tduepunto10 : = 3.7332695629857E+16
v=v_elettrone : = 15947242.650573
x0= : 9.6143088830096E-13
y0= : -1.0493062525781E-12
*****
i=40220
k(40220)=0.99900776400229
kQ(40220)=0.99801651253686
r1= : 1.4200342292464E-12
rpunto1:= -13351644.777373
rduepunto10 : = -7.1333201563116E+25
fil : = 489.26082438844
fipunto1 : = 6.1759997671318E+18
fi_gradi : = 28032.580318549
t1 : = 1.0810160507159E-14
tpunto1 : = 1.0031260842101
tduepunto10 : = 3.7438601371986E+16
v=v_elettrone : = 15959483.755657
x0= : 9.6112999194852E-13
y0= : -1.0474603441521E-12
```

```

*****
i=40221
k(40221)=0.99900651784678
kQ(40221)=0.99801402270034
r1= : 1.4184683657931E-12
rpunto1 : = -13360022.190238
rduepunti0 : = -7.1431669525534E+25
fil : = 489.26154870162
fipunto1 : = 6.1896202448976E+18
fi_gradi : = 28032.621818638
t1 : = 1.0810160624804E-14
tpunto1 : = 1.003130487435
tduepunti0 : = 3.7544968761145E+16
v=v_elettrone : = 15971750.058661
x0= : 9.6082792807401E-13
y0= : -1.0456131717153E-12
*****
i=40222
k(40222)=0.99900526918522
kQ(40222)=0.99801152785983
r1= : 1.4169015198478E-12
rpunto1 : = -13368411.174169
rduepunti0 : = -7.1530332515635E+25
fil : = 489.2622746122
fipunto1 : = 6.20329440446E+18
fi_gradi : = 28032.66341025
t1 : = 1.081016074245E-14
tpunto1 : = 1.0031349031889
tduepunti0 : = 3.7651800493898E+16
v=v_elettrone : = 15984041.651203
x0= : 9.6052469317753E-13
y0= : -1.0437647333341E-12
*****
i=40223
k(40223)=0.99900401801095
kQ(40223)=0.99800902800203
r1= : 1.4153336900533E-12
rpunto1 : = -13376811.752049
rduepunti0 : = -7.1629190613729E+25
fil : = 489.26300212646
fipunto1 : = 6.2170225424494E+18
fi_gradi : = 28032.705093746
t1 : = 1.0810160860096E-14
tpunto1 : = 1.0031393315268
tduepunti0 : = 3.7759099286401E+16
v=v_elettrone : = 15996358.626404
x0= : 9.6022028374341E-13
y0= : -1.0419150270702E-12
*****
i=40224
k(40224)=0.9990027643173
kQ(40224)=0.99800652311361
r1= : 1.4137648750501E-12
rpunto1 : = -13385223.946767
rduepunti0 : = -7.1728243893891E+25
fil : = 489.26373125074
fipunto1 : = 6.2308049575908E+18
fi_gradi : = 28032.74686949
t1 : = 1.0810160977743E-14
tpunto1 : = 1.0031437725035
tduepunti0 : = 3.7866867874577E+16
v=v_elettrone : = 16008701.077392
x0= : 9.5991469624031E-13
y0= : -1.0400640509805E-12

```



```
*****
i=40225
k(40225)=0.99900150809758
kQ(40225)=0.99800401318124
r1= : 1.4121950734757E-12
rpunto1:= -13393647.781224
rduepunti0 := -7.1827492423847E+25
fil := 489.26446199141
fipunto1 := 6.2446419507217E+18
fi_gradi := 28032.788737846
t1 := 1.0810161095391E-14
tpunto1 := 1.0031482261747
tduepunti0 := 3.7975109014286E+16
v=v_elettrone := 16021069.097254
x0= : 9.59607927121E-13
y0= : -1.0382118031173E-12
*****
i=40226
k(40226)=0.99900024934508
kQ(40226)=0.99800149819154
r1= : 1.410624283965E-12
rpunto1:= -13402083.278325
rduepunti0 := -7.1926936264866E+25
fil := 489.26519435485
fipunto1 := 6.25853382481E+18
fi_gradi := 28032.830699181
t1 := 1.0810161213039E-14
tpunto1 := 1.003152692596
tduepunti0 := 3.8083825481495E+16
v=v_elettrone := 16033462.780945
x0= : 9.5929997282222E-13
y0= : -1.0363582815283E-12
*****
i=40227
k(40227)=0.99899898805309
kQ(40227)=0.99799897813109
r1= : 1.4090525051501E-12
rpunto1:= -13410530.460981
rduepunti0 := -7.2026575471638E+25
fil := 489.26592834752
fipunto1 := 6.2724808849725E+18
fi_gradi := 28032.872753863
t1 := 1.0810161330687E-14
tpunto1 := 1.0031571718235
tduepunti0 := 3.8193020072453E+16
v=v_elettrone := 16045882.222234
x0= : 9.5899082976482E-13
y0= : -1.0345034842564E-12
*****
i=40228
k(40228)=0.99899772421486
kQ(40228)=0.99799645298647
r1= : 1.4074797356608E-12
rpunto1:= -13418989.352111
rduepunti0 := -7.2126410092167E+25
fil := 489.26666397589
fipunto1 := 6.2864834384932E+18
fi_gradi := 28032.914902264
t1 := 1.0810161448336E-14
tpunto1 := 1.0031616639136
tduepunti0 := 3.8302695603872E+16
v=v_elettrone := 16058327.516361
x0= : 9.5868049435335E-13
y0= : -1.0326474093399E-12
```

```
*****
i=40229
k(40229)=0.99899645782366
kQ(40229)=0.99799392274421
r1= : 1.4059059741238E-12
rpunto1:= -13427459.974638
rduepunti0 : = -7.2226440167645E+25
fil : = 489.26740124645
fipunto1 : = 6.300541794842E+18
fi_gradi : = 28032.957144755
t1 : = 1.0810161565985E-14
tpunto1 : = 1.003166168923
tduepunti0 : = 3.8412854913096E+16
v=v_elettrone : = 16070798.759233
x0= : 9.5836896297615E-13
y0= : -1.0307900548122E-12
*****
i=40230
k(40230)=0.99899518887271
kQ(40230)=0.99799138739083
r1= : 1.4043312191632E-12
rpunto1:= -13435942.351488
rduepunti0 : = -7.2326665732337E+25
fil : = 489.26814016576
fipunto1 : = 6.3146562656934E+18
fi_gradi : = 28032.999481713
t1 : = 1.0810161683635E-14
tpunto1 : = 1.0031706869088
tduepunti0 : = 3.8523500858288E+16
v=v_elettrone : = 16083296.046325
x0= : 9.580562320053E-13
y0= : -1.0289314187023E-12
*****
i=40231
k(40231)=0.99899391735526
kQ(40231)=0.9979888469128
r1= : 1.4027554694005E-12
rpunto1:= -13444436.505592
rduepunti0 : = -7.2427086813461E+25
fil : = 489.26888074039
fipunto1 : = 6.3288271649459E+18
fi_gradi : = 28033.041913514
t1 : = 1.0810161801286E-14
tpunto1 : = 1.0031752179285
tduepunti0 : = 3.8634636318609E+16
v=v_elettrone : = 16095819.474895
x0= : 9.5774229779632E-13
y0= : -1.0270714990341E-12
*****
i=40232
k(40232)=0.9989926432645
kQ(40232)=0.9979863012966
r1= : 1.4011787234545E-12
rpunto1:= -13452942.45988
rduepunti0 : = -7.2527703431058E+25
fil : = 489.26962297697
fipunto1 : = 6.3430548087408E+18
fi_gradi : = 28033.084440538
t1 : = 1.0810161918937E-14
tpunto1 : = 1.0031797620397
tduepunti0 : = 3.8746264194399E+16
v=v_elettrone : = 16108369.140982
x0= : 9.5742715668832E-13
y0= : -1.0252102938269E-12
```

```
*****
i=40233
k(40233)=0.99899136659364
kQ(40233)=0.99798375052863
r1= : 1.3996009799414E-12
rpunto1:= -13461460.237288
rduepunti0 : = -7.2628515597873E+25
fil : = 489.27036688215
fipunto1 : = 6.3573395154818E+18
fi_gradi : = 28033.127063165
t1 : = 1.0810162036589E-14
tpunto1 : = 1.0031843193006
tduepunti0 : = 3.8858387407365E+16
v=v_elettrone : = 16120945.143144
x0= : 9.5711080500362E-13
y0= : -1.0233478010955E-12
*****
i=40234
k(40234)=0.99899008733586
kQ(40234)=0.99798119459532
r1= : 1.3980222374744E-12
rpunto1:= -13469989.86075
rduepunti0 : = -7.2729523319227E+25
fil : = 489.27111246262
fipunto1 : = 6.3716816058545E+18
fi_gradi : = 28033.169781779
t1 : = 1.0810162154241E-14
tpunto1 : = 1.0031888897696
tduepunti0 : = 3.8971008900766E+16
v=v_elettrone : = 16133547.578682
x0= : 9.5679323904795E-13
y0= : -1.0214840188495E-12
*****
i=40235
k(40235)=0.99898880548434
kQ(40235)=0.99797863348302
r1= : 1.3964424946644E-12
rpunto1:= -13478531.353199
rduepunti0 : = -7.2830726592883E+25
fil : = 489.27185972512
fipunto1 : = 6.3860814028463E+18
fi_gradi : = 28033.212596766
t1 : = 1.0810162271893E-14
tpunto1 : = 1.0031934735055
tduepunti0 : = 3.9084131639604E+16
v=v_elettrone : = 16146176.546291
x0= : 9.564744551101E-13
y0= : -1.0196189450941E-12
*****
i=40236
k(40236)=0.99898752103222
kQ(40236)=0.9979760671781
r1= : 1.3948617501192E-12
rpunto1:= -13487084.737569
rduepunti0 : = -7.2932125408923E+25
fil : = 489.2726086764
fipunto1 : = 6.4005392317664E+18
fi_gradi : = 28033.255508514
t1 : = 1.0810162389547E-14
tpunto1 : = 1.0031980705674
tduepunti0 : = 3.9197758610811E+16
v=v_elettrone : = 16158832.145244
x0= : 9.5615444946191E-13
y0= : -1.0177525778295E-12
```

```
*****
i=40237
k(40237)=0.99898623397266
kQ(40237)=0.99797349566687
r1= : 1.3932800024443E-12
rpunto1 : = -13495650.03679
rduepunti0 : = -7.3033719749607E+25
fil : = 489.27335932328
fipunto1 : = 6.415055420266E+18
fi_gradi : = 28033.298517412
t1 : = 1.08101625072E-14
tpunto1 : = 1.0032026810149
tduepunti0 : = 3.9311892823445E+16
v=v_elettrone : = 16171514.475061
x0= : 9.5583321835824E-13
y0= : -1.0158849150512E-12
*****
i=40238
k(40238)=0.99898494429878
kQ(40238)=0.99797091893563
r1= : 1.3916972502424E-12
rpunto1 : = -13504227.273791
rduepunti0 : = -7.3135509589243E+25
fil : = 489.2741116726
fipunto1 : = 6.4296302983586E+18
fi_gradi : = 28033.341623852
t1 : = 1.0810162624855E-14
tpunto1 : = 1.0032073049076
tduepunti0 : = 3.9426537308884E+16
v=v_elettrone : = 16184223.63545
x0= : 9.5551075803677E-13
y0= : -1.0140159547499E-12
*****
i=40239
k(40239)=0.99898365200371
kQ(40239)=0.99796833697066
r1= : 1.3901134921132E-12
rpunto1 : = -13512816.471495
rduepunti0 : = -7.3237494894049E+25
fil : = 489.27486573124
fipunto1 : = 6.4442641984407E+18
fi_gradi : = 28033.38482823
t1 : = 1.081016274251E-14
tpunto1 : = 1.003211942306
tduepunti0 : = 3.954169512102E+16
v=v_elettrone : = 16196959.72745
x0= : 9.5518706471787E-13
y0= : -1.0121456949115E-12
*****
i=40240
k(40240)=0.99898235708054
kQ(40240)=0.9979657497582
r1= : 1.3885287266542E-12
rpunto1 : = -13521417.652822
rduepunti0 : = -7.3339675622012E+25
fil : = 489.27562150612
fipunto1 : = 6.4589574553127E+18
fi_gradi : = 28033.428130941
t1 : = 1.0810162860165E-14
tpunto1 : = 1.0032165932704
tduepunti0 : = 3.9657369336459E+16
v=v_elettrone : = 16209722.852271
x0= : 9.5486213460463E-13
y0= : -1.010274133517E-12
```

```
*****
i=40241
k(40241)=0.99898105952238
kQ(40241)=0.99796315728446
r1= : 1.3869429524599E-12
rpunto1:= -13530030.840683
rduepunti0 : = -7.3442051722748E+25
fil : = 489.27637900421
fipunto1 : = 6.4737104061998E+18
fi_gradi : = 28033.471532385
t1 : = 1.0810162977821E-14
tpunto1 : = 1.0032212578619
tduepunti0 : = 3.9773563054723E+16
v=v_elettrone : = 16222513.111307
x0= : 9.5453596388267E-13
y0= : -1.0084012685428E-12
*****
i=40242
k(40242)=0.9989797593223
kQ(40242)=0.99796055953564
r1= : 1.3853561681222E-12
rpunto1:= -13538656.057986
rduepunti0 : = -7.3544623137358E+25
fil : = 489.27713823251
fipunto1 : = 6.4885233907733E+18
fi_gradi : = 28033.515032962
t1 : = 1.0810163095477E-14
tpunto1 : = 1.0032259361418
tduepunti0 : = 3.9890279398452E+16
v=v_elettrone : = 16235330.606852
x0= : 9.5420854871999E-13
y0= : -1.0065270979601E-12
*****
i=40243
k(40243)=0.99897845647337
kQ(40243)=0.99795795649792
r1= : 1.3837683722302E-12
rpunto1:= -13547293.327629
rduepunti0 : = -7.3647389798283E+25
fil : = 489.27789919805
fipunto1 : = 6.5033967511722E+18
fi_gradi : = 28033.558633076
t1 : = 1.0810163213134E-14
tpunto1 : = 1.0032306281716
tduepunti0 : = 4.0007521513604E+16
v=v_elettrone : = 16248175.44172
x0= : 9.5387988526693E-13
y0= : -1.0046516197356E-12
*****
i=40244
k(40244)=0.99897715096865
kQ(40244)=0.99795534815744
r1= : 1.3821795633706E-12
rpunto1:= -13555942.672501
rduepunti0 : = -7.3750351629155E+25
fil : = 489.27866190793
fipunto1 : = 6.5183308320248E+18
fi_gradi : = 28033.602333133
t1 : = 1.0810163330792E-14
tpunto1 : = 1.0032353340135
tduepunti0 : = 4.0125292569669E+16
v=v_elettrone : = 16261047.718862
x0= : 9.5354996965607E-13
y0= : -1.002774831831E-12
```

```
*****
i=40245
k(40245)=0.99897584280118
kQ(40245)=0.99795273450032
r1= : 1.3805897401271E-12
rpunto1 : = -13564604.115481
rduepunto10 : = -7.3853508544647E+25
fil : = 489.27942636925
fipunto1 : = 6.5333259804704E+18
fi_gradi : = 28033.64613354
t1 : = 1.081016344845E-14
tpunto1 : = 1.0032400537298
tduepunto10 : = 4.0243595759872E+16
v=v_elettrone : = 16273947.542459
x0= : 9.53218798002E-13
y0= : -1.0008967322032E-12
*****
i=40246
k(40246)=0.99897453196398
kQ(40246)=0.99795011551266
r1= : 1.3789989010809E-12
rpunto1 : = -13573277.679438
rduepunto10 : = -7.3956860450321E+25
fil : = 489.28019258918
fipunto1 : = 6.548382546182E+18
fi_gradi : = 28033.690034708
t1 : = 1.0810163566109E-14
tpunto1 : = 1.0032447873834
tduepunto10 : = 4.0362434301387E+16
v=v_elettrone : = 16286875.017183
x0= : 9.528863664014E-13
y0= : -9.9901731880409E-13
*****
i=40247
k(40247)=0.99897321845009
kQ(40247)=0.99794749118052
r1= : 1.3774070448104E-12
rpunto1 : = -13581963.387227
rduepunto10 : = -7.4060407242472E+25
fil : = 489.28096057493
fipunto1 : = 6.5635008813879E+18
fi_gradi : = 28033.73403705
t1 : = 1.0810163683768E-14
tpunto1 : = 1.0032495350373
tduepunto10 : = 4.0481811435548E+16
v=v_elettrone : = 16299830.24705
x0= : 9.5255267093285E-13
y0= : -9.9713658958084E-13
*****
i=40248
k(40248)=0.9989719022525
kQ(40248)=0.99794486148997
r1= : 1.3758141698915E-12
rpunto1 : = -13590661.261691
rduepunto10 : = -7.4164148807973E+25
fil : = 489.28173033374
fipunto1 : = 6.5786813408952E+18
fi_gradi : = 28033.778140981
t1 : = 1.0810163801428E-14
tpunto1 : = 1.0032542967552
tduepunto10 : = 4.0601730428066E+16
v=v_elettrone : = 16312813.33839
x0= : 9.5221770765657E-13
y0= : -9.9525454247572E-13
```

```
*****
i=40249
k(40249)=0.99897058336421
kQ(40249)=0.99794222642703
r1= : 1.3742202748972E-12
rpunto1: = -13599371.325659
rduepunto10 : = -7.4268085024113E+25
fil : = 489.28250187289
fipunto1 : = 6.5939242821117E+18
fi_gradi : = 28033.822346918
t1 : = 1.0810163919088E-14
tpunto1 : = 1.003259072601
tduepunto10 : = 4.0722194569246E+16
v=v_elettrone : = 16325824.396864
x0= : 9.5188147261455E-13
y0= : -9.9337117542602E-13
*****
i=40250
k(40250)=0.99896926177821
kQ(40250)=0.99793958597769
r1= : 1.372625358398E-12
rpunto1: = -13608093.601943
rduepunto10 : = -7.4372215758435E+25
fil : = 489.28327519971
fipunto1 : = 6.6092300650697E+18
fi_gradi : = 28033.866655282
t1 : = 1.0810164036749E-14
tpunto1 : = 1.003263862639
tduepunto10 : = 4.0843207174204E+16
v=v_elettrone : = 16338863.528919
x0= : 9.5154396183029E-13
y0= : -9.9148648636417E-13
*****
i=40251
k(40251)=0.99896793748746
kQ(40251)=0.99793694012795
r1= : 1.3710294189616E-12
rpunto1: = -13616828.11334
rduepunto10 : = -7.4476540868573E+25
fil : = 489.28405032158
fipunto1 : = 6.6245990524491E+18
fi_gradi : = 28033.911066493
t1 : = 1.0810164154411E-14
tpunto1 : = 1.0032686669339
tduepunto10 : = 4.0964771583094E+16
v=v_elettrone : = 16351930.842171
x0= : 9.5120517130868E-13
y0= : -9.8960047321774E-13
*****
i=40252
k(40252)=0.99896661048494
kQ(40252)=0.99793428886377
r1= : 1.3694324551531E-12
rpunto1: = -13625574.882628
rduepunto10 : = -7.4581060202083E+25
fil : = 489.2848272459
fipunto1 : = 6.6400316096006E+18
fi_gradi : = 28033.955580978
t1 : = 1.0810164272073E-14
tpunto1 : = 1.0032734855508
tduepunto10 : = 4.1086891161326E+16
v=v_elettrone : = 16365026.443877
x0= : 9.5086509703599E-13
y0= : -9.8771313390929E-13
```

```
*****
i=40253
k(40253)=0.99896528076358
kQ(40253)=0.99793163217107
r1= : 1.367834465535E-12
rpunto1: = -13634333.932566
rduepunti0 : = -7.4685773596276E+25
fil : = 489.28560598013
fipunto1 : = 6.6555281045701E+18
fi_gradi : = 28034.000199162
t1 : = 1.0810164389735E-14
tpunto1 : = 1.0032783185552
tduepunti0 : = 4.1209569299799E+16
v=v_elettrone : = 16378150.44281
x0= : 9.5052373497962E-13
y0= : -9.8582446635653E-13
*****
i=40254
k(40254)=0.99896394831634
kQ(40254)=0.99792897003577
r1= : 1.366235448667E-12
rpunto1: = -13643105.285892
rduepunti0 : = -7.4790680878042E+25
fil : = 489.28638653177
fipunto1 : = 6.6710889081223E+18
fi_gradi : = 28034.044921477
t1 : = 1.0810164507398E-14
tpunto1 : = 1.0032831660131
tduepunti0 : = 4.1332809415124E+16
v=v_elettrone : = 16391302.947726
x0= : 9.5018108108813E-13
y0= : -9.8393446847218E-13
*****
i=40255
k(40255)=0.99896261313614
kQ(40255)=0.99792630244378
r1= : 1.364635403106E-12
rpunto1: = -13651888.965325
rduepunti0 : = -7.4895781863678E+25
fil : = 489.28716890836
fipunto1 : = 6.6867143937651E+18
fi_gradi : = 28034.089748354
t1 : = 1.0810164625062E-14
tpunto1 : = 1.0032880279907
tduepunti0 : = 4.1456614949858E+16
v=v_elettrone : = 16404484.067743
x0= : 9.49837131291E-13
y0= : -9.8204313816404E-13
*****
i=40256
k(40256)=0.99896127521589
kQ(40256)=0.99792362938095
r1= : 1.3630343274067E-12
rpunto1: = -13660684.993559
rduepunti0 : = -7.5001076358708E+25
fil : = 489.28795311749
fipunto1 : = 6.7024049377742E+18
fi_gradi : = 28034.134680227
t1 : = 1.0810164742726E-14
tpunto1 : = 1.0032929045548
tduepunti0 : = 4.1580989372738E+16
v=v_elettrone : = 16417693.913431
x0= : 9.4949188149851E-13
y0= : -9.8015047333498E-13
```



```
*****
i=40257
k(40257)=0.9989599345485
kQ(40257)=0.99792095083315
r1= : 1.3614322201206E-12
rpunto1 : = -13669493.393264
rduepunti0 : = -7.5106564157705E+25
fil : = 489.28873916678
fipunto1 : = 6.718160919218E+18
fi_gradi : = 28034.179717534
t1 : = 1.0810164860391E-14
tpunto1 : = 1.0032977957725
tduepunti0 : = 4.1705936178915E+16
v=v_elettrone : = 16430932.595322
x0= : 9.4914532760174E-13
y0= : -9.7825647188288E-13
*****
i=40258
k(40258)=0.99895859112688
kQ(40258)=0.9979182667862
r1= : 1.3598290797969E-12
rpunto1 : = -13678314.187086
rduepunti0 : = -7.5212245044107E+25
fil : = 489.28952706392
fipunto1 : = 6.7339827199824E+18
fi_gradi : = 28034.224860714
t1 : = 1.0810164978057E-14
tpunto1 : = 1.0033027017114
tduepunti0 : = 4.1831458890194E+16
v=v_elettrone : = 16444200.224252
x0= : 9.4879746547237E-13
y0= : -9.7636113170064E-13
*****
i=40259
k(40259)=0.99895724494391
kQ(40259)=0.99791557722593
r1= : 1.3582249049821E-12
rpunto1 : = -13687147.397641
rduepunti0 : = -7.5318118790029E+25
fil : = 489.29031681661
fipunto1 : = 6.7498707247964E+18
fi_gradi : = 28034.270110211
t1 : = 1.0810165095723E-14
tpunto1 : = 1.0033076224393
tduepunti0 : = 4.1957561055274E+16
v=v_elettrone : = 16457496.912468
x0= : 9.4844829096247E-13
y0= : -9.7446445067625E-13
*****
i=40260
k(40260)=0.99895589599247
kQ(40260)=0.99791288213811
r1= : 1.3566196942199E-12
rpunto1 : = -13695993.047522
rduepunti0 : = -7.5424185156076E+25
fil : = 489.29110843263
fipunto1 : = 6.7658253212574E+18
fi_gradi : = 28034.315466468
t1 : = 1.0810165213389E-14
tpunto1 : = 1.0033125580247
tduepunti0 : = 4.208424624999E+16
v=v_elettrone : = 16470822.772126
x0= : 9.4809779990456E-13
y0= : -9.7256642669268E-13
```

```
*****
i=40261
k(40261)=0.99895454426542
kQ(40261)=0.99791018150853
r1= : 1.3550134460514E-12
rpunto1 : = -13704851.159288
rduepunti0 : = -7.5530443891153E+25
fil : = 489.29190191978
fipunto1 : = 6.7818468998574E+18
fi_gradi : = 28034.360929933
t1 : = 1.0810165331057E-14
tpunto1 : = 1.0033175085364
tduepunti0 : = 4.2211518077564E+16
v=v_elettrone : = 16484177.916393
x0= : 9.4774598811133E-13
y0= : -9.7066705762794E-13
*****
i=40262
k(40262)=0.99895318975563
kQ(40262)=0.99790747532294
r1= : 1.3534061590151E-12
rpunto1 : = -13713721.75547
rduepunti0 : = -7.5636894732266E+25
fil : = 489.29269728592
fipunto1 : = 6.7979358540089E+18
fi_gradi : = 28034.406501056
t1 : = 1.0810165448724E-14
tpunto1 : = 1.0033224740436
tduepunti0 : = 4.2339380168847E+16
v=v_elettrone : = 16497562.459047
x0= : 9.4739285137562E-13
y0= : -9.6876634135502E-13
*****
i=40263
k(40263)=0.99895183245594
kQ(40263)=0.99790476356708
r1= : 1.3517978316469E-12
rpunto1 : = -13722604.858565
rduepunti0 : = -7.5743537404328E+25
fil : = 489.29349453896
fipunto1 : = 6.8140925800713E+18
fi_gradi : = 28034.45218029
t1 : = 1.0810165566393E-14
tpunto1 : = 1.0033274546159
tduepunti0 : = 4.2467836182572E+16
v=v_elettrone : = 16510976.514479
x0= : 9.4703838547025E-13
y0= : -9.6686427574191E-13
*****
i=40264
k(40264)=0.9989504723592
kQ(40264)=0.99790204622666
r1= : 1.35018846248E-12
rpunto1 : = -13731500.491038
rduepunti0 : = -7.5850371619954E+25
fil : = 489.29429368683
fipunto1 : = 6.830317477378E+18
fi_gradi : = 28034.49796809
t1 : = 1.0810165684062E-14
tpunto1 : = 1.0033324503235
tduepunti0 : = 4.2596889805612E+16
v=v_elettrone : = 16524420.197295
x0= : 9.4668258614795E-13
y0= : -9.6496085865154E-13
```

```
*****
i=40265
k(40265)=0.99894910945823
kQ(40265)=0.99789932328739
r1= : 1.3485780500449E-12
rpunto1 : = -13740408.675316
rduepunti0 : = -7.5957397079262E+25
fil : = 489.29509473754
fipunto1 : = 6.8466109482626E+18
fi_gradi : = 28034.543864915
t1 : = 1.0810165801731E-14
tpunto1 : = 1.0033374612368
tduepunti0 : = 4.2726544753229E+16
v=v_elettrone : = 16537893.623045
x0= : 9.463254491411E-13
y0= : -9.6305608794191E-13
*****
i=40266
k(40266)=0.99894774374586
kQ(40266)=0.99789659473495
r1= : 1.3469665928696E-12
rpunto1 : = -13749329.433793
rduepunti0 : = -7.6064613469664E+25
fil : = 489.29589769913
fipunto1 : = 6.8629733980868E+18
fi_gradi : = 28034.589871225
t1 : = 1.0810165919401E-14
tpunto1 : = 1.0033424874269
tduepunti0 : = 4.2856804769338E+16
v=v_elettrone : = 16551396.907842
x0= : 9.4596697016172E-13
y0= : -9.6114996146596E-13
*****
i=40267
k(40267)=0.99894637521491
kQ(40267)=0.99789386055501
r1= : 1.3453540894795E-12
rpunto1 : = -13758262.788821
rduepunti0 : = -7.6172020465653E+25
fil : = 489.29670257968
fipunto1 : = 6.8794052352678E+18
fi_gradi : = 28034.635987484
t1 : = 1.0810166037072E-14
tpunto1 : = 1.0033475289651
tduepunti0 : = 4.2987673626767E+16
v=v_elettrone : = 16564930.16869
x0= : 9.4560714490128E-13
y0= : -9.5924247707161E-13
*****
i=40268
k(40268)=0.99894500385818
kQ(40268)=0.99789112073322
r1= : 1.3437405383971E-12
rpunto1 : = -13767208.762716
rduepunti0 : = -7.6279617728594E+25
fil : = 489.29750938734
fipunto1 : = 6.895906871306E+18
fi_gradi : = 28034.682214157
t1 : = 1.0810166154743E-14
tpunto1 : = 1.0033525859232
tduepunti0 : = 4.3119155127522E+16
v=v_elettrone : = 16578493.522766
x0= : 9.4524596903065E-13
y0= : -9.5733363260172E-13
```

```
*****
i=40269
k(40269)=0.99894362966847
kQ(40269)=0.99788837525522
r1= : 1.3421259381425E-12
rpunto1 : = -13776167.377751
rduepunti0 : = -7.6387404906504E+25
fil : = 489.29831813028
fipunto1 : = 6.9124787208132E+18
fi_gradi : = 28034.728551715
t1 : = 1.0810166272415E-14
tpunto1 : = 1.0033576583737
tduepunti0 : = 4.3251253103052E+16
v=v_elettrone : = 16592087.088113
x0= : 9.4488343819985E-13
y0= : -9.5542342589412E-13
*****
i=40270
k(40270)=0.99894225263857
kQ(40270)=0.99788562410662
r1= : 1.3405102872334E-12
rpunto1 : = -13785138.656155
rduepunti0 : = -7.6495381633833E+25
fil : = 489.29912881676
fipunto1 : = 6.9291212015411E+18
fi_gradi : = 28034.775000628
t1 : = 1.0810166390088E-14
tpunto1 : = 1.0033627463892
tduepunti0 : = 4.3383971414523E+16
v=v_elettrone : = 16605710.983631
x0= : 9.4451954803801E-13
y0= : -9.5351185478162E-13
*****
i=40271
k(40271)=0.99894087276126
kQ(40271)=0.99788286727303
r1= : 1.3388935841844E-12
rpunto1 : = -13794122.620114
rduepunti0 : = -7.6603547531239E+25
fil : = 489.29994145504
fipunto1 : = 6.94583473441E+18
fi_gradi : = 28034.821561372
t1 : = 1.0810166507761E-14
tpunto1 : = 1.0033678500429
tduepunti0 : = 4.3517313953087E+16
v=v_elettrone : = 16619365.328695
x0= : 9.4415429415321E-13
y0= : -9.5159891709193E-13
*****
i=40272
k(40272)=0.99893949002932
kQ(40272)=0.99788010474004
r1= : 1.3372758275078E-12
rpunto1 : = -13803119.291767
rduepunti0 : = -7.6711902205364E+25
fil : = 489.30075605346
fipunto1 : = 6.9626197435377E+18
fi_gradi : = 28034.868234423
t1 : = 1.0810166625434E-14
tpunto1 : = 1.0033729694085
tduepunti0 : = 4.3651284640158E+16
v=v_elettrone : = 16633050.242771
x0= : 9.4378767213236E-13
y0= : -9.4968461064769E-13
```

```
*****
i=40273
k(40273)=0.99893810443552
kQ(40273)=0.99787733649324
r1= : 1.3356570157134E-12
rpunto1: = -13812128.693207
rduepunti0 : = -7.68204452486E+25
fil : = 489.3015726204
fipunto1 : = 6.979476656269E+18
fi_gradi : = 28034.915020263
t1 : = 1.0810166743109E-14
tpunto1 : = 1.0033781045602
tduepunti0 : = 4.3785887427692E+16
v=v_elettrone : = 16646765.84687
x0= : 9.4341967754098E-13
y0= : -9.4776893326656E-13
*****
i=40274
k(40274)=0.99893671597263
kQ(40274)=0.99787456251818
r1= : 1.3340371473081E-12
rpunto1: = -13821150.846476
rduepunti0 : = -7.6929176238856E+25
fil : = 489.30239116431
fipunto1 : = 6.9964059032056E+18
fi_gradi : = 28034.961919374
t1 : = 1.0810166860784E-14
tpunto1 : = 1.0033832555725
tduepunti0 : = 4.392112629847E+16
v=v_elettrone : = 16660512.262404
x0= : 9.4305030592316E-13
y0= : -9.4585188276106E-13
*****
i=40275
k(40275)=0.99893532463339
kQ(40275)=0.99787178280042
r1= : 1.3324162207965E-12
rpunto1: = -13830185.773563
rduepunti0 : = -7.7038094739321E+25
fil : = 489.30321169365
fipunto1 : = 7.0134079182356E+18
fi_gradi : = 28035.008932242
t1 : = 1.0810166978459E-14
tpunto1 : = 1.0033884225205
tduepunti0 : = 4.4057005266377E+16
v=v_elettrone : = 16674289.611204
x0= : 9.4267955280141E-13
y0= : -9.4393345693864E-13
*****
i=40276
k(40276)=0.99893393041056
kQ(40276)=0.99786899732549
r1= : 1.3307942346805E-12
rpunto1: = -13839233.496409
rduepunti0 : = -7.7147200298222E+25
fil : = 489.30403421696
fipunto1 : = 7.030483138564E+18
fi_gradi : = 28035.056059357
t1 : = 1.0810167096135E-14
tpunto1 : = 1.0033936054798
tduepunti0 : = 4.4193528376695E+16
v=v_elettrone : = 16688098.016215
x0= : 9.423074136765E-13
y0= : -9.4201365360166E-13
```

```
*****
i=40277
k(40277)=0.99893253329688
kQ(40277)=0.99786620607892
r1= : 1.3291711874593E-12
rpunto1:= -13848294.036894
rduepunti0 : = -7.7256492448579E+25
fil : = 489.30485874284
fipunto1 : = 7.0476320047436E+18
fi_gradi : = 28035.10330121
t1 : = 1.0810167213812E-14
tpunto1 : = 1.0033988045263
tduepunti0 : = 4.4330699706391E+16
v=v_elettrone : = 16701937.600383
x0= : 9.4193388402735E-13
y0= : -9.4009247054738E-13
*****
i=40278
k(40278)=0.99893113328509
kQ(40278)=0.99786340904623
r1= : 1.3275470776298E-12
rpunto1:= -13857367.416847
rduepunti0 : = -7.7365970707953E+25
fil : = 489.30568527991
fipunto1 : = 7.0648549607055E+18
fi_gradi : = 28035.150658296
t1 : = 1.0810167331489E-14
tpunto1 : = 1.0034040197366
tduepunti0 : = 4.4468523364409E+16
v=v_elettrone : = 16715808.487741
x0= : 9.4155895931081E-13
y0= : -9.3816990556799E-13
*****
i=40279
k(40279)=0.99892973036792
kQ(40279)=0.99786060621293
r1= : 1.3259219036861E-12
rpunto1:= -13866453.658036
rduepunti0 : = -7.7475634578199E+25
fil : = 489.30651383687
fipunto1 : = 7.0821524537909E+18
fi_gradi : = 28035.198131112
t1 : = 1.0810167449167E-14
tpunto1 : = 1.0034092511877
tduepunti0 : = 4.4607003491971E+16
v=v_elettrone : = 16729710.803012
x0= : 9.4118263496157E-13
y0= : -9.3624595645061E-13
*****
i=40280
k(40280)=0.99892832453811
kQ(40280)=0.99785779756451
r1= : 1.3242956641199E-12
rpunto1:= -13875552.782167
rduepunti0 : = -7.7585483545202E+25
fil : = 489.30734442246
fipunto1 : = 7.0995249347823E+18
fi_gradi : = 28035.245720161
t1 : = 1.0810167566845E-14
tpunto1 : = 1.003414498957
tduepunti0 : = 4.4746144262873E+16
v=v_elettrone : = 16743644.671591
x0= : 9.4080490639202E-13
y0= : -9.3432062097722E-13
```

```
*****
i=40281
k(40281)=0.99892691578836
kQ(40281)=0.99785498308645
r1= : 1.3226683574204E-12
rpunto1:= -13884664.810888
rduepunto10 : = -7.7695517078622E+25
fil : = 489.30817704546
fipunto1 : = 7.1169728579357E+18
fi_gradi : = 28035.293425945
t1 : = 1.0810167684525E-14
tpunto1 : = 1.0034197631226
tduepunto10 : = 4.4885949883788E+16
v=v_elettrone : = 16757610.219904
x0= : 9.4042576899211E-13
y0= : -9.3239389692472E-13
*****
i=40282
k(40282)=0.99892550411141
kQ(40282)=0.99785216276424
r1= : 1.321039982074E-12
rpunto1:= -13893789.765779
rduepunto10 : = -7.7805734631626E+25
fil : = 489.30901171474
fipunto1 : = 7.1344966810129E+18
fi_gradi : = 28035.341248972
t1 : = 1.0810167802204E-14
tpunto1 : = 1.0034250437628
tduepunto10 : = 4.5026424594575E+16
v=v_elettrone : = 16771607.57429
x0= : 9.4004521812925E-13
y0= : -9.3046578206481E-13
*****
i=40283
k(40283)=0.99892408949997
kQ(40283)=0.99784933658334
r1= : 1.3194105365649E-12
rpunto1:= -13902927.668357
rduepunto10 : = -7.7916135640618E+25
fil : = 489.30984843919
fipunto1 : = 7.1520968653143E+18
fi_gradi : = 28035.389189752
t1 : = 1.0810167919885E-14
tpunto1 : = 1.0034303409567
tduepunto10 : = 4.5167572668587E+16
v=v_elettrone : = 16785636.862424
x0= : 9.3966324914802E-13
y0= : -9.2853627416418E-13
*****
i=40284
k(40284)=0.99892267194674
kQ(40284)=0.99784650452921
r1= : 1.3177800193744E-12
rpunto1:= -13912078.540068
rduepunto10 : = -7.8026719524968E+25
fil : = 489.31068722777
fipunto1 : = 7.1697738757115E+18
fi_gradi : = 28035.437248797
t1 : = 1.0810168037566E-14
tpunto1 : = 1.0034356547838
tduepunto10 : = 4.5309398412983E+16
v=v_elettrone : = 16799698.212235
x0= : 9.3927985737018E-13
y0= : -9.2660537098435E-13
```

```
*****
i=40285
k(40285)=0.99892125144443
kQ(40285)=0.99784366658732
r1= : 1.3161484289817E-12
rpunto1 : = -13921242.402289
rduepunto10 : = -7.8137485686733E+25
fil : = 489.31152808948
fipunto1 : = 7.1875281806812E+18
fi_grad1 : = 28035.485426624
t1 : = 1.0810168155247E-14
tpunto1 : = 1.0034409853239
tduepunto10 : = 4.5451906169044E+16
v=v_elettrone : = 16813791.753301
x0= : 9.3889503809437E-13
y0= : -9.2467307028173E-13
*****
i=40286
k(40286)=0.99891982798576
kQ(40286)=0.9978408227431
r1= : 1.3145157638632E-12
rpunto1 : = -13930419.276327
rduepunto10 : = -7.8248433510377E+25
fil : = 489.31237103339
fipunto1 : = 7.2053602523387E+18
fi_grad1 : = 28035.533723753
t1 : = 1.081016827293E-14
tpunto1 : = 1.0034463326577
tduepunto10 : = 4.5595100312495E+16
v=v_elettrone : = 16827917.614339
x0= : 9.3850878659618E-13
y0= : -9.2273936980755E-13
*****
i=40287
k(40287)=0.99891840156341
kQ(40287)=0.997837972982
r1= : 1.3128820224929E-12
rpunto1 : = -13939609.18341
rduepunto10 : = -7.835956236248E+25
fil : = 489.31321606863
fipunto1 : = 7.2232705664722E+18
fi_grad1 : = 28035.582140705
t1 : = 1.0810168390613E-14
tpunto1 : = 1.0034516968661
tduepunto10 : = 4.5738985253824E+16
v=v_elettrone : = 16842075.926386
x0= : 9.3812109812769E-13
y0= : -9.2080426730801E-13
*****
i=40288
k(40288)=0.99891697217009
kQ(40288)=0.99783511728946
r1= : 1.3112472033424E-12
rpunto1 : = -13948812.144695
rduepunto10 : = -7.8470871591453E+25
fil : = 489.31406320436
fipunto1 : = 7.2412596025769E+18
fi_grad1 : = 28035.630678007
t1 : = 1.0810168508296E-14
tpunto1 : = 1.0034570780307
tduepunto10 : = 4.5883565438613E+16
v=v_elettrone : = 16856266.820304
x0= : 9.3773196791761E-13
y0= : -9.1886776052407E-13
```



```
*****
i=40289
k(40289)=0.99891553979849
kQ(40289)=0.99783225565091
r1= : 1.3096113048805E-12
rpunto1: = -13958028.181257
rduepunti0 : = -7.8582360527236E+25
fil : = 489.31491244982
fipunto1 : = 7.2593278438904E+18
fi_gradi : = 28035.679336188
t1 : = 1.081016862598E-14
tpunto1 : = 1.0034624762336
tduepunti0 : = 4.6028845347862E+16
v=v_elettrone : = 16870490.427793
x0= : 9.3734139117096E-13
y0= : -9.1692984719161E-13
*****
i=40290
k(40290)=0.99891410444131
kQ(40290)=0.99782938805178
r1= : 1.3079743255739E-12
rpunto1: = -13967257.31409
rduepunti0 : = -7.8694028481005E+25
fil : = 489.31576381431
fipunto1 : = 7.2774757774274E+18
fi_gradi : = 28035.72811578
t1 : = 1.0810168743665E-14
tpunto1 : = 1.0034678915572
tduepunti0 : = 4.617482949833E+16
v=v_elettrone : = 16884746.881418
x0= : 9.3694936306896E-13
y0= : -9.1499052504137E-13
*****
i=40291
k(40291)=0.99891266609124
kQ(40291)=0.9978265144775
r1= : 1.3063362638867E-12
rpunto1: = -13976499.564107
rduepunti0 : = -7.8805874744862E+25
fil : = 489.31661730716
fipunto1 : = 7.295703894016E+18
fi_gradi : = 28035.777017318
t1 : = 1.081016886135E-14
tpunto1 : = 1.0034733240849
tduepunti0 : = 4.6321522442864E+16
v=v_elettrone : = 16899036.314903
x0= : 9.3655587876884E-13
y0= : -9.1304979179892E-13
*****
i=40292
k(40292)=0.99891122474096
kQ(40292)=0.99782363491349
r1= : 1.3046971182805E-12
rpunto1: = -13985754.952134
rduepunti0 : = -7.8917898591528E+25
fil : = 489.31747293778
fipunto1 : = 7.314012688333E+18
fi_gradi : = 28035.826041342
t1 : = 1.0810168979036E-14
tpunto1 : = 1.0034787739001
tduepunti0 : = 4.6468928770744E+16
v=v_elettrone : = 16913358.861707
x0= : 9.361609334038E-13
y0= : -9.1110764518467E-13
```

```

*****
i=40293
k(40293)=0.99890978038318
kQ(40293)=0.99782074934518
r1= : 1.3030568872144E-12
rpunto1 : = -13995023.498911
rduepunti0 : = -7.9030099274026E+25
fil : = 489.31833071563
fipunto1 : = 7.3324026589412E+18
fi_gradi : = 28035.875188392
t1 : = 1.0810169096723E-14
tpunto1 : = 1.0034842410872
tduepunti0 : = 4.6617053108028E+16
v=v_elettrone : = 16927714.656779
x0= : 9.3576452208267E-13
y0= : -9.0916408291392E-13
*****
i=40294
k(40294)=0.99890833301059
kQ(40294)=0.99781785775799
r1= : 1.3014155691453E-12
rpunto1 : = -14004305.225086
rduepunti0 : = -7.9142476025364E+25
fil : = 489.31919065023
fipunto1 : = 7.3508743083252E+18
fi_gradi : = 28035.924459016
t1 : = 1.081016921441E-14
tpunto1 : = 1.0034897257308
tduepunti0 : = 4.6765900117899E+16
v=v_elettrone : = 16942103.836175
x0= : 9.3536663988987E-13
y0= : -9.0721910269684E-13
*****
i=40295
k(40295)=0.99890688261586
kQ(40295)=0.99781496013734
r1= : 1.2997731625275E-12
rpunto1 : = -14013600.151217
rduepunti0 : = -7.925502805821E+25
fil : = 489.32005275116
fipunto1 : = 7.3694281429295E+18
fi_gradi : = 28035.973853761
t1 : = 1.0810169332098E-14
tpunto1 : = 1.0034952279164
tduepunti0 : = 4.6915474501012E+16
v=v_elettrone : = 16956526.535622
x0= : 9.3496728188527E-13
y0= : -9.0527270223833E-13
*****
i=40296
k(40296)=0.9989054291917
kQ(40296)=0.99781205646866
r1= : 1.2981296658129E-12
rpunto1 : = -14022908.297765
rduepunti0 : = -7.9367754564563E+25
fil : = 489.32091702807
fipunto1 : = 7.3880646731959E+18
fi_gradi : = 28036.023373179
t1 : = 1.0810169449787E-14
tpunto1 : = 1.0035007477297
tduepunti0 : = 4.706578099586E+16
v=v_elettrone : = 16970982.892625
x0= : 9.3456644310392E-13
y0= : -9.0332487923826E-13

```

```
*****
i=40297
k(40297)=0.99890397273079
kQ(40297)=0.99780914673736
r1= : 1.296485077451E-12
rpunto1:= -14032229.685095
rduepunti0 : = -7.9480654715417E+25
fil : = 489.32178349064
fipunto1 : = 7.4067844136014E+18
fi_gradi : = 28036.073017828
t1 : = 1.0810169567476E-14
tpunto1 : = 1.0035062852572
tduepunti0 : = 4.7216824379123E+16
v=v_elettrone : = 16985473.045022
x0= : 9.3416411855598E-13
y0= : -9.0137563139128E-13
*****
i=40298
k(40298)=0.99890251322584
kQ(40298)=0.99780623092889
r1= : 1.294839395889E-12
rpunto1:= -14041564.333473
rduepunti0 : = -7.9593727660419E+25
fil : = 489.32265214864
fipunto1 : = 7.4255878826966E+18
fi_gradi : = 28036.122788265
t1 : = 1.0810169685166E-14
tpunto1 : = 1.0035118405858
tduepunti0 : = 4.7368609466036E+16
v=v_elettrone : = 16999997.131323
x0= : 9.3376030322652E-13
y0= : -8.9942495638686E-13
*****
i=40299
k(40299)=0.99890105066952
kQ(40299)=0.99780330902867
r1= : 1.2931926195717E-12
rpunto1:= -14050912.26306
rduepunti0 : = -7.970697252753E+25
fil : = 489.32352301188
fipunto1 : = 7.4444756031453E+18
fi_gradi : = 28036.172685053
t1 : = 1.0810169802857E-14
tpunto1 : = 1.0035174138031
tduepunti0 : = 4.7521141110758E+16
v=v_elettrone : = 17014555.290677
x0= : 9.3335499207532E-13
y0= : -8.9747285190936E-13
*****
i=40300
k(40300)=0.99889958505454
kQ(40300)=0.99780038102214
r1= : 1.2915447469413E-12
rpunto1:= -14060273.493916
rduepunti0 : = -7.9820388422667E+25
fil : = 489.32439609025
fipunto1 : = 7.4634481017629E+18
fi_gradi : = 28036.222708759
t1 : = 1.0810169920548E-14
tpunto1 : = 1.0035230049973
tduepunti0 : = 4.7674424206738E+16
v=v_elettrone : = 17029147.664277
x0= : 9.3294818003671E-13
y0= : -8.9551931563802E-13
```

```
*****
i=40301
k(40301)=0.9988981163736
kQ(40301)=0.99779744689473
r1= : 1.2898957764381E-12
rpunto1 : = -14069648.045989
rduepunti0 : = -7.9933974429353E+25
fil : = 489.32527139369
fipunto1 : = 7.482505909557E+18
fi_gradi : = 28036.272859952
t1 : = 1.081017003824E-14
tpunto1 : = 1.003528614257
tduepunti0 : = 4.7828463687096E+16
v=v_elettrone : = 17043774.392503
x0= : 9.3253986201953E-13
y0= : -8.9356434524679E-13
*****
i=40302
k(40302)=0.9988966446194
kQ(40302)=0.9977945066319
r1= : 1.2882457064996E-12
rpunto1 : = -14079035.939122
rduepunti0 : = -8.0047729608347E+25
fil : = 489.32614893221
fipunto1 : = 7.5016495617673E+18
fi_gradi : = 28036.323139206
t1 : = 1.0810170155932E-14
tpunto1 : = 1.0035342416716
tduepunti0 : = 4.7983264524997E+16
v=v_elettrone : = 17058435.617012
x0= : 9.3213003290678E-13
y0= : -8.9160793840454E-13
*****
i=40303
k(40303)=0.99889516978465
kQ(40303)=0.9977915602191
r1= : 1.2865945355613E-12
rpunto1 : = -14088437.193041
rduepunti0 : = -8.0161652997287E+25
fil : = 489.32702871587
fipunto1 : = 7.520879597906E+18
fi_gradi : = 28036.373547096
t1 : = 1.0810170273625E-14
tpunto1 : = 1.0035398873309
tduepunti0 : = 4.813883173404E+16
v=v_elettrone : = 17073131.481076
x0= : 9.3171868755547E-13
y0= : -8.8965009277501E-13
*****
i=40304
k(40304)=0.99889369186205
kQ(40304)=0.99778860764179
r1= : 1.2849422620562E-12
rpunto1 : = -14097851.827358
rduepunti0 : = -8.0275743610304E+25
fil : = 489.3279107548
fipunto1 : = 7.5401965617996E+18
fi_gradi : = 28036.424084204
t1 : = 1.0810170391319E-14
tpunto1 : = 1.0035455513253
tduepunti0 : = 4.8295170368641E+16
v=v_elettrone : = 17087862.127796
x0= : 9.3130582079659E-13
y0= : -8.876908060167E-13
```

```
*****
i=40305
k(40305)=0.99889221084432
kQ(40305)=0.99778564888544
r1= : 1.2832888844151E-12
rpunto1 : = -14107279.861566
rduepunti0 : = -8.0390000437654E+25
fil : = 489.3287950592
fipunto1 : = 7.5596010016299E+18
fi_gradi : = 28036.474751114
t1 : = 1.0810170509014E-14
tpunto1 : = 1.0035512337461
tduepunti0 : = 4.8452285524425E+16
v=v_elettrone : = 17102627.701835
x0= : 9.3089142743478E-13
y0= : -8.85730075783E-13
*****
i=40306
k(40306)=0.99889072672417
kQ(40306)=0.99778268393554
r1= : 1.2816344010665E-12
rpunto1 : = -14116721.315038
rduepunti0 : = -8.0504422445324E+25
fil : = 489.32968163933
fipunto1 : = 7.5790934699765E+18
fi_gradi : = 28036.525548414
t1 : = 1.0810170626709E-14
tpunto1 : = 1.0035569346847
tduepunti0 : = 4.8610182338628E+16
v=v_elettrone : = 17117428.34798
x0= : 9.3047550224827E-13
y0= : -8.837678997221E-13
*****
i=40307
k(40307)=0.99888923949433
kQ(40307)=0.99777971277757
r1= : 1.2799788104365E-12
rpunto1 : = -14126176.207021
rduepunti0 : = -8.0619008574646E+25
fil : = 489.33057050551
fipunto1 : = 7.5986745238589E+18
fi_gradi : = 28036.576476694
t1 : = 1.0810170744405E-14
tpunto1 : = 1.0035626542336
tduepunti0 : = 4.8768865990489E+16
v=v_elettrone : = 17132264.212185
x0= : 9.3005803998858E-13
y0= : -8.8180427547707E-13
*****
i=40308
k(40308)=0.99888774914754
kQ(40308)=0.99777673539704
r1= : 1.2783221109492E-12
rpunto1 : = -14135644.556637
rduepunti0 : = -8.0733757741893E+25
fil : = 489.33146166813
fipunto1 : = 7.6183447247801E+18
fi_gradi : = 28036.627536551
t1 : = 1.0810170862101E-14
tpunto1 : = 1.0035683924856
tduepunti0 : = 4.8928341701663E+16
v=v_elettrone : = 17147135.441541
x0= : 9.2963903538042E-13
y0= : -8.7983920068583E-13
```

```
*****
i=40309
k(40309)=0.99888625567652
kQ(40309)=0.99777375177946
r1= : 1.2766643010262E-12
rpunto1: = -14145126.382876
rduepunti0 : = -8.0848668837883E+25
fil : = 489.33235513764
fipunto1 : = 7.6381046387696E+18
fi_gradi : = 28036.678728584
t1 : = 1.0810170979799E-14
tpunto1 : = 1.0035741495342
tduepunti0 : = 4.9088614736624E+16
v=v_elettrone : = 17162042.183548
x0= : 9.2921848312151E-13
y0= : -8.7787267298109E-13
*****
i=40310
k(40310)=0.99888475907402
kQ(40310)=0.99777076191036
r1= : 1.275005379087E-12
rpunto1: = -14154621.704596
rduepunti0 : = -8.096374072756E+25
fil : = 489.33325092457
fipunto1 : = 7.6579548364276E+18
fi_gradi : = 28036.730053394
t1 : = 1.0810171097496E-14
tpunto1 : = 1.0035799254735
tduepunti0 : = 4.9249690403083E+16
v=v_elettrone : = 17176984.586788
x0= : 9.2879637788237E-13
y0= : -8.7590468999046E-13
*****
i=40311
k(40311)=0.99888325933278
kQ(40311)=0.99776776577528
r1= : 1.2733453435489E-12
rpunto1: = -14164130.540518
rduepunti0 : = -8.1078972249582E+25
fil : = 489.33414903951
fipunto1 : = 7.6778958929695E+18
fi_gradi : = 28036.781511589
t1 : = 1.0810171215195E-14
tpunto1 : = 1.0035857203984
tduepunti0 : = 4.9411574052403E+16
v=v_elettrone : = 17191962.800903
x0= : 9.2837271430614E-13
y0= : -8.7393524933637E-13
*****
i=40312
k(40312)=0.99888175644557
kQ(40312)=0.99776476335979
r1= : 1.2716841928269E-12
rpunto1: = -14173652.909224
rduepunti0 : = -8.1194362215896E+25
fil : = 489.33504949311
fipunto1 : = 7.6979283882708E+18
fi_gradi : = 28036.83310378
t1 : = 1.0810171332894E-14
tpunto1 : = 1.0035915344041
tduepunti0 : = 4.9574271080025E+16
v=v_elettrone : = 17206976.975524
x0= : 9.2794748700846E-13
y0= : -8.7196434863605E-13
```

```
*****
i=40313
k(40313)=0.99888025040516
kQ(40313)=0.99776175464947
r1= : 1.270021925334E-12
rpunto1:= -14183188.829155
rduepunti0 : = -8.1309909411305E+25
fil : = 489.33595229609
fipunto1 : = 7.718052906913E+18
fi_gradi : = 28036.884830581
t1 : = 1.0810171450594E-14
tpunto1 : = 1.0035973675868
tduepunti0 : = 4.9737786925897E+16
v=v_elettrone : = 17222027.262333
x0= : 9.2752069057711E-13
y0= : -8.6999198550169E-13
*****
i=40314
k(40314)=0.99887874120431
kQ(40314)=0.9977587396299
r1= : 1.2683585394808E-12
rpunto1:= -14192738.318604
rduepunti0 : = -8.1425612593035E+25
fil : = 489.33685745925
fipunto1 : = 7.7382700382289E+18
fi_gradi : = 28036.93669261
t1 : = 1.0810171568295E-14
tpunto1 : = 1.003603220043
tduepunti0 : = 4.9902127074899E+16
v=v_elettrone : = 17237113.812943
x0= : 9.2709231957202E-13
y0= : -8.6801815754025E-13
*****
i=40315
k(40315)=0.99887722883581
kQ(40315)=0.99775571828671
r1= : 1.266694033676E-12
rpunto1:= -14202301.395715
rduepunti0 : = -8.1541470490285E+25
fil : = 489.33776499345
fipunto1 : = 7.7585803763499E+18
fi_gradi : = 28036.988690489
t1 : = 1.0810171685996E-14
tpunto1 : = 1.0036090918702
tduepunti0 : = 5.006729705729E+16
v=v_elettrone : = 17252236.780627
x0= : 9.2666236852494E-13
y0= : -8.6604286235361E-13
*****
i=40316
k(40316)=0.99887571329246
kQ(40316)=0.99775269060553
r1= : 1.265028406326E-12
rpunto1:= -14211878.078482
rduepunti0 : = -8.1657481803781E+25
fil : = 489.33867490962
fipunto1 : = 7.7789845202527E+18
fi_gradi : = 28037.040824845
t1 : = 1.0810171803698E-14
tpunto1 : = 1.0036149831663
tduepunti0 : = 5.0233302449141E+16
v=v_elettrone : = 17267396.318882
x0= : 9.2623083193936E-13
y0= : -8.6406609753845E-13
```

```
*****
i=40317
k(40317)=0.99887419456707
kQ(40317)=0.99774965657201
r1= : 1.2633616558352E-12
rpunto1:= -14221468.38474
rduepunti0 : = -8.1773645205312E+25
fil : = 489.33958721876
fipunto1 : = 7.7994830738069E+18
fi_gradi : = 28037.093096309
t1 : = 1.0810171921401E-14
tpunto1 : = 1.0036208940299
tduepunti0 : = 5.040014887279E+16
v=v_elettrone : = 17282592.582448
x0= : 9.2579770429019E-13
y0= : -8.6208786068635E-13
*****
i=40318
k(40318)=0.99887267265244
kQ(40318)=0.99774661617184
r1= : 1.2616937806058E-12
rpunto1:= -14231072.332168
rduepunti0 : = -8.1889959337268E+25
fil : = 489.34050193194
fipunto1 : = 7.8200766458233E+18
fi_gradi : = 28037.145505514
t1 : = 1.0810172039104E-14
tpunto1 : = 1.0036268245603
tduepunti0 : = 5.0567841997286E+16
v=v_elettrone : = 17297825.7266
x0= : 9.2536298002366E-13
y0= : -8.6010814938375E-13
*****
i=40319
k(40319)=0.99887114754142
kQ(40319)=0.99774356939071
r1= : 1.2600247790379E-12
rpunto1:= -14240689.938281
rduepunti0 : = -8.2006422812162E+25
fil : = 489.34141906031
fipunto1 : = 7.8407658501025E+18
fi_gradi : = 28037.198053098
t1 : = 1.0810172156808E-14
tpunto1 : = 1.0036327748576
tduepunti0 : = 5.0736387538854E+16
v=v_elettrone : = 17313095.90849
x0= : 9.2492665355705E-13
y0= : -8.5812696121204E-13
*****
i=40320
k(40320)=0.99886961922683
kQ(40320)=0.99774051621436
r1= : 1.2583546495298E-12
rpunto1:= -14250321.220425
rduepunti0 : = -8.2123034212154E+25
fil : = 489.34233861508
fipunto1 : = 7.8615513054844E+18
fi_gradi : = 28037.250739706
t1 : = 1.0810172274513E-14
tpunto1 : = 1.0036387450222
tduepunti0 : = 5.090579126135E+16
v=v_elettrone : = 17328403.285398
x0= : 9.2448871927863E-13
y0= : -8.5614429374736E-13
```



```
*****
i=40321
k(40321)=0.99886808770155
kQ(40321)=0.99773745662855
r1= : 1.2566833904775E-12
rpunto1 : = -14259966.195781
rduepunti0 : = -8.2239792088556E+25
fil : = 489.34326060755
fipunto1 : = 7.8824336358978E+18
fi_gradi : = 28037.303565983
t1 : = 1.0810172392218E-14
tpunto1 : = 1.0036447351557
tduepunti0 : = 5.1076058976731E+16
v=v_elettrone : = 17343748.015039
x0= : 9.2404917154732E-13
y0= : -8.5416014456076E-13
*****
i=40322
k(40322)=0.99886655295842
kQ(40322)=0.99773439061904
r1= : 1.2550110002751E-12
rpunto1 : = -14269624.881354
rduepunti0 : = -8.235669496134E+25
fil : = 489.34418504907
fipunto1 : = 7.9034134704107E+18
fi_gradi : = 28037.35653258
t1 : = 1.0810172509924E-14
tpunto1 : = 1.0036507453599
tduepunti0 : = 5.1247196545528E+16
v=v_elettrone : = 17359130.257277
x0= : 9.2360800469246E-13
y0= : -8.521745112183E-13
*****
i=40323
k(40323)=0.99886501499035
kQ(40323)=0.99773131817167
r1= : 1.2533374773147E-12
rpunto1 : = -14279297.29397
rduepunti0 : = -8.247374131863E+25
fil : = 489.34511195107
fipunto1 : = 7.9244914432819E+18
fi_gradi : = 28037.409640153
t1 : = 1.0810172627631E-14
tpunto1 : = 1.0036567757377
tduepunti0 : = 5.1419209877324E+16
v=v_elettrone : = 17374550.17201
x0= : 9.2316521301378E-13
y0= : -8.501873912808E-13
*****
i=40324
k(40324)=0.99886347379022
kQ(40324)=0.99772823927227
r1= : 1.2516628199864E-12
rpunto1 : = -14288983.450276
rduepunti0 : = -8.2590929616192E+25
fil : = 489.34604132507
fipunto1 : = 7.9456681940119E+18
fi_gradi : = 28037.462889361
t1 : = 1.0810172745339E-14
tpunto1 : = 1.0036628263923
tduepunti0 : = 5.1592104931232E+16
v=v_elettrone : = 17390007.920533
x0= : 9.2272079078101E-13
y0= : -8.4819878230408E-13
```

```
*****
i=40325
k(40325)=0.99886192935096
kQ(40325)=0.99772515390672
r1= : 1.2499870266783E-12
rpunto1:= -14298683.366735
rduepunti0 : = -8.2708258276908E+25
fil : = 489.34697318266
fipunto1 : = 7.9669443673953E+18
fi_gradi : = 28037.516280868
t1 : = 1.0810172863047E-14
tpunto1 : = 1.003668897428
tduepunti0 : = 5.1765887716391E+16
v=v_elettrone : = 17405503.665153
x0= : 9.2227473223379E-13
y0= : -8.4620868183882E-13
*****
i=40326
k(40326)=0.99886038166548
kQ(40326)=0.99772206206091
r1= : 1.2483100957767E-12
rpunto1:= -14308397.059618
rduepunti0 : = -8.282572569025E+25
fil : = 489.34790753548
fipunto1 : = 7.9883206135738E+18
fi_gradi : = 28037.569815341
t1 : = 1.0810172980756E-14
tpunto1 : = 1.0036749889495
tduepunti0 : = 5.1940564292453E+16
v=v_elettrone : = 17421037.568471
x0= : 9.2182703158146E-13
y0= : -8.442170874306E-13
*****
i=40327
k(40327)=0.99885883072675
kQ(40327)=0.99771896372081
r1= : 1.2466320256659E-12
rpunto1:= -14318124.545006
rduepunti0 : = -8.2943330211742E+25
fil : = 489.34884439528
fipunto1 : = 8.0097975880895E+18
fi_gradi : = 28037.623493454
t1 : = 1.0810173098466E-14
tpunto1 : = 1.0036811010624
tduepunti0 : = 5.2116140770087E+16
v=v_elettrone : = 17436609.794742
x0= : 9.2137768300274E-13
y0= : -8.4222399661998E-13
*****
i=40328
k(40328)=0.99885727652772
kQ(40328)=0.99771585887238
r1= : 1.2449528147283E-12
rpunto1:= -14327865.838781
rduepunti0 : = -8.3061070162409E+25
fil : = 489.34978377388
fipunto1 : = 8.0313759519385E+18
fi_gradi : = 28037.677315883
t1 : = 1.0810173216176E-14
tpunto1 : = 1.0036872338729
tduepunti0 : = 5.2292623311481E+16
v=v_elettrone : = 17452220.509139
x0= : 9.2092668064562E-13
y0= : -8.4022940694244E-13
```

```
*****
i=40329
k(40329)=0.99885571906139
kQ(40329)=0.99771274750164
r1= : 1.2432724613445E-12
rpunto1:= -14337620.956626
rduepunti0 : = -8.3178943828227E+25
fil : = 489.35072568316
fipunto1 : = 8.0530563716264E+18
fi_gradi : = 28037.731283309
t1 : = 1.0810173333887E-14
tpunto1 : = 1.0036933874881
tduepunti0 : = 5.2470018130853E+16
v=v_elettrone : = 17467869.877385
x0= : 9.2047401862714E-13
y0= : -8.3823331592837E-13
*****
i=40330
k(40330)=0.99885415832075
kQ(40330)=0.99770962959466
r1= : 1.2415909638932E-12
rpunto1:= -14347389.914017
rduepunti0 : = -8.3296949459552E+25
fil : = 489.35167013509
fipunto1 : = 8.0748395192226E+18
fi_gradi : = 28037.785396418
t1 : = 1.0810173451599E-14
tpunto1 : = 1.0036995620156
tduepunti0 : = 5.2648331494968E+16
v=v_elettrone : = 17483558.066758
x0= : 9.2001969103311E-13
y0= : -8.3623572110313E-13
*****
i=40331
k(40331)=0.99885259429884
kQ(40331)=0.99770650513752
r1= : 1.2399083207514E-12
rpunto1:= -14357172.726222
rduepunti0 : = -8.3415085270551E+25
fil : = 489.35261714171
fipunto1 : = 8.096726072417E+18
fi_gradi : = 28037.839655901
t1 : = 1.0810173569312E-14
tpunto1 : = 1.003705757564
tduepunti0 : = 5.2827569723662E+16
v=v_elettrone : = 17499285.244672
x0= : 9.1956369191799E-13
y0= : -8.3423661998703E-13
*****
i=40332
k(40332)=0.99885102698869
kQ(40332)=0.99770337411636
r1= : 1.2382245302941E-12
rpunto1:= -14366969.408293
rduepunti0 : = -8.3533349438615E+25
fil : = 489.35356671517
fipunto1 : = 8.1187167145761E+18
fi_gradi : = 28037.894062453
t1 : = 1.0810173687025E-14
tpunto1 : = 1.0037119742424
tduepunti0 : = 5.3007739190364E+16
v=v_elettrone : = 17515051.580726
x0= : 9.191060153045E-13
y0= : -8.3223601009542E-13
```

```
*****
i=40333
k(40333)=0.99884945638338
kQ(40333)=0.99770023651736
r1= : 1.2365395908947E-12
rpunto1 : = -14376779.975068
rduepunti0 : = -8.3651740103767E+25
fil : = 489.35451886766
fipunto1 : = 8.1408121348004E+18
fi_gradi : = 28037.948616772
t1 : = 1.0810173804739E-14
tpunto1 : = 1.0037182121608
tduepunti0 : = 5.3188846322638E+16
v=v_elettrone : = 17530857.244582
x0= : 9.1864665518361E-13
y0= : -8.3023388893852E-13
*****
i=40334
k(40334)=0.99884788247599
kQ(40334)=0.99769709232677
r1= : 1.234853500925E-12
rpunto1 : = -14386604.441157
rduepunti0 : = -8.3770255368063E+25
fil : = 489.35547361147
fipunto1 : = 8.1630130279825E+18
fi_gradi : = 28038.003319563
t1 : = 1.0810173922454E-14
tpunto1 : = 1.0037244714299
tduepunti0 : = 5.3370897602716E+16
v=v_elettrone : = 17546702.407335
x0= : 9.1818560551419E-13
y0= : -8.282302540216E-13
*****
i=40335
k(40335)=0.99884630525964
kQ(40335)=0.99769394153084
r1= : 1.2331662587546E-12
rpunto1 : = -14396442.820948
rduepunti0 : = -8.3888893294975E+25
fil : = 489.35643095897
fipunto1 : = 8.1853200948654E+18
fi_gradi : = 28038.058171534
t1 : = 1.0810174040169E-14
tpunto1 : = 1.0037307521613
tduepunti0 : = 5.3553899568047E+16
v=v_elettrone : = 17562587.241117
x0= : 9.1772286022279E-13
y0= : -8.2622510284493E-13
*****
i=40336
k(40336)=0.99884472472747
kQ(40336)=0.9976907841159
r1= : 1.2314778627519E-12
rpunto1 : = -14406295.128594
rduepunti0 : = -8.4007651908771E+25
fil : = 489.35739092261
fipunto1 : = 8.2077340421018E+18
fi_gradi : = 28038.113173399
t1 : = 1.0810174157885E-14
tpunto1 : = 1.0037370544671
tduepunti0 : = 5.3737858811852E+16
v=v_elettrone : = 17578511.91873
x0= : 9.1725841320346E-13
y0= : -8.2421843290376E-13
```

```
*****
i=40337
k(40337)=0.99884314087265
kQ(40337)=0.99768762006834
r1= : 1.2297883112835E-12
rpunto1:= -14416161.378012
rduepunti0 : = -8.4126529193881E+25
fil : = 489.35835351494
fipunto1 : = 8.2302555823142E+18
fi_gradi : = 28038.168325877
t1 : = 1.0810174275602E-14
tpunto1 : = 1.0037433784605
tduepunti0 : = 5.3922781983675E+16
v=v_elettrone : = 17594476.614291
x0= : 9.1679225831744E-13
y0= : -8.2221024168842E-13
*****
i=40338
k(40338)=0.99884155368835
kQ(40338)=0.99768444937457
r1= : 1.2280976027142E-12
rpunto1:= -14426041.58288
rduepunti0 : = -8.4245523094259E+25
fil : = 489.35931874856
fipunto1 : = 8.2528854341556E+18
fi_gradi : = 28038.223629689
t1 : = 1.081017439332E-14
tpunto1 : = 1.0037497242553
tduepunti0 : = 5.4108675789957E+16
v=v_elettrone : = 17610481.503201
x0= : 9.1632438939298E-13
y0= : -8.2020052668426E-13
*****
i=40339
k(40339)=0.99883996316781
kQ(40339)=0.99768127202107
r1= : 1.2264057354075E-12
rpunto1:= -14435935.756627
rduepunti0 : = -8.4364631512723E+25
fil : = 489.36028663618
fipunto1 : = 8.2756243223708E+18
fi_gradi : = 28038.279085565
t1 : = 1.0810174511039E-14
tpunto1 : = 1.0037560919661
tduepunti0 : = 5.42955469946E+16
v=v_elettrone : = 17626526.761427
x0= : 9.1585480022517E-13
y0= : -8.1818928537166E-13
*****
i=40340
k(40340)=0.99883836930426
kQ(40340)=0.99767808799438
r1= : 1.2247127077249E-12
rpunto1:= -14445843.912434
rduepunti0 : = -8.4483852310295E+25
fil : = 489.36125719058
fipunto1 : = 8.2984729778585E+18
fi_gradi : = 28038.334694236
t1 : = 1.0810174628758E-14
tpunto1 : = 1.0037624817084
tduepunti0 : = 5.4483402419549E+16
v=v_elettrone : = 17642612.566484
x0= : 9.1538348457556E-13
y0= : -8.161765152261E-13
```

```
*****
i=40341
k(40341)=0.99883677209097
kQ(40341)=0.9976748972811
r1= : 1.2230185180268E-12
rpunto1:= -14455766.063223
rduepunti0 : = -8.4603183305529E+25
fil : = 489.36223042465
fipunto1 : = 8.3214321377342E+18
fi_gradi : = 28038.390456441
t1 : = 1.0810174746478E-14
tpunto1 : = 1.0037688935983
tduepunti0 : = 5.4672248945373E+16
v=v_elettrone : = 17658739.096391
x0= : 9.1491043617205E-13
y0= : -8.1416221371808E-13
*****
i=40342
k(40342)=0.99883517152125
kQ(40342)=0.99767169986788
r1= : 1.2213231646718E-12
rpunto1:= -14465702.221659
rduepunti0 : = -8.4722622273817E+25
fil : = 489.36320635134
fipunto1 : = 8.344502545394E+18
fi_gradi : = 28038.446372921
t1 : = 1.0810174864198E-14
tpunto1 : = 1.0037753277529
tduepunti0 : = 5.4862093511859E+16
v=v_elettrone : = 17674906.530978
x0= : 9.1443564870856E-13
y0= : -8.1214637831327E-13
*****
i=40343
k(40343)=0.99883356758843
kQ(40343)=0.99766849574143
r1= : 1.2196266460171E-12
rpunto1:= -14475652.400138
rduepunti0 : = -8.48421669467E+25
fil : = 489.36418498369
fipunto1 : = 8.3676849505784E+18
fi_gradi : = 28038.502444425
t1 : = 1.081017498192E-14
tpunto1 : = 1.0037817842902
tduepunti0 : = 5.5052943118609E+16
v=v_elettrone : = 17691115.050509
x0= : 9.1395911584488E-13
y0= : -8.1012900647238E-13
*****
i=40344
k(40344)=0.99883196028588
kQ(40344)=0.99766528488854
r1= : 1.2179289604185E-12
rpunto1:= -14485616.610786
rduepunti0 : = -8.4961815011157E+25
fil : = 489.36516633485
fipunto1 : = 8.3909801094382E+18
fi_gradi : = 28038.558671704
t1 : = 1.0810175099642E-14
tpunto1 : = 1.0037882633287
tduepunti0 : = 5.5244804825643E+16
v=v_elettrone : = 17707364.836644
x0= : 9.1348083120632E-13
y0= : -8.0811009565127E-13
```

```
*****
i=40345
k(40345)=0.998830349607
kQ(40345)=0.99766206729604
r1= : 1.2162301062303E-12
rpunto1:= -14495594.865451
rduepunti0 : = -8.508156410888E+25
fil : = 489.36615041803
fipunto1 : = 8.4143887845998E+18
fi_gradi : = 28038.615055518
t1 : = 1.0810175217365E-14
tpunto1 : = 1.003794764988
tduepunti0 : = 5.5437685754011E+16
v=v_elettrone : = 17723656.072081
x0= : 9.1300078838355E-13
y0= : -8.0608964330095E-13
*****
i=40346
k(40346)=0.99882873554521
kQ(40346)=0.99765884295085
r1= : 1.2145300818054E-12
rpunto1:= -14505587.175701
rduepunti0 : = -8.5201411835552E+25
fil : = 489.36713724656
fipunto1 : = 8.4379117452321E+18
fi_gradi : = 28038.671596627
t1 : = 1.0810175335089E-14
tpunto1 : = 1.0038012893886
tduepunti0 : = 5.5631593086413E+16
v=v_elettrone : = 17739988.940508
x0= : 9.1251898093228E-13
y0= : -8.0406764686759E-13
*****
i=40347
k(40347)=0.99882711809399
kQ(40347)=0.99765561183994
r1= : 1.2128288854954E-12
rpunto1:= -14515593.552816
rduepunti0 : = -8.5321355740092E+25
fil : = 489.36812683382
fipunto1 : = 8.4615497671138E+18
fi_gradi : = 28038.728295801
t1 : = 1.0810175452813E-14
tpunto1 : = 1.0038078366516
tduepunti0 : = 5.5826534067821E+16
v=v_elettrone : = 17756363.62724
x0= : 9.1203540237306E-13
y0= : -8.0204410379254E-13
*****
i=40348
k(40348)=0.99882549724683
kQ(40348)=0.99765237395037
r1= : 1.2111265156506E-12
rpunto1:= -14525614.007781
rduepunti0 : = -8.5441393323908E+25
fil : = 489.36911919332
fipunto1 : = 8.4853036327022E+18
fi_gradi : = 28038.785153812
t1 : = 1.0810175570539E-14
tpunto1 : = 1.003814406899
tduepunti0 : = 5.6022516006118E+16
v=v_elettrone : = 17772780.318178
x0= : 9.1155004619104E-13
y0= : -8.0001901151231E-13
```

```
*****
i=40349
k(40349)=0.99882387299727
kQ(40349)=0.99764912926927
r1= : 1.2094229706199E-12
rpunto1:= -14535648.551285
rduepunti0 : = -8.5561522040121E+25
fil : = 489.37011433864
fipunto1 : = 8.5091741312017E+18
fi_gradi : = 28038.842171439
t1 : = 1.0810175688265E-14
tpunto1 : = 1.003821000254
tduepunti0 : = 5.621954627273E+16
v=v_elettrone : = 17789239.200768
x0= : 9.1106290583566E-13
y0= : -7.9799236745863E-13
*****
i=40350
k(40350)=0.9988222453389
kQ(40350)=0.99764587778383
r1= : 1.2077182487511E-12
rpunto1:= -14545697.193712
rduepunti0 : = -8.5681739292788E+25
fil : = 489.37111228347
fipunto1 : = 8.533162058634E+18
fi_gradi : = 28038.899349465
t1 : = 1.0810175805991E-14
tpunto1 : = 1.0038276168402
tduepunti0 : = 5.6417632303278E+16
v=v_elettrone : = 17805740.462957
x0= : 9.1057397472045E-13
y0= : -7.9596416905845E-13
*****
i=40351
k(40351)=0.99882061426531
kQ(40351)=0.99764261948134
r1= : 1.2060123483906E-12
rpunto1:= -14555759.945134
rduepunti0 : = -8.5802042436107E+25
fil : = 489.37211304156
fipunto1 : = 8.5572682179089E+18
fi_gradi : = 28038.956688681
t1 : = 1.0810175923719E-14
tpunto1 : = 1.0038342567823
tduepunti0 : = 5.6616781598234E+16
v=v_elettrone : = 17822284.294508
x0= : 9.100832462227E-13
y0= : -7.9393441373401E-13
*****
i=40352
k(40352)=0.99881897977018
kQ(40352)=0.99763935434915
r1= : 1.2043052678838E-12
rpunto1:= -14565836.815309
rduepunti0 : = -8.5922428773607E+25
fil : = 489.3731166268
fipunto1 : = 8.5814934188961E+18
fi_gradi : = 28039.014189879
t1 : = 1.0810176041447E-14
tpunto1 : = 1.003840920206
tduepunti0 : = 5.6817001723578E+16
v=v_elettrone : = 17838870.886273
x0= : 9.0959071368324E-13
y0= : -7.919030989028E-13
```



```
*****
i=40353
k(40353)=0.9988173418472
kQ(40353)=0.99763608237471
r1= : 1.2025970055748E-12
rpunto1: = -14575927.81367
rduepunti0 : = -8.6042895557331E+25
fil : = 489.37412305313
fipunto1 : = 8.6058384784972E+18
fi_gradi : = 28039.07185386
t1 : = 1.0810176159177E-14
tpunto1 : = 1.0038476072378
tduepunti0 : = 5.7018300311472E+16
v=v_elettrone : = 17855500.429823
x0= : 9.0909637040621E-13
y0= : -7.8987022197759E-13
*****
i=40354
k(40354)=0.9988157004901
kQ(40354)=0.99763280354553
r1= : 1.2008875598067E-12
rpunto1: = -14586032.949325
rduepunti0 : = -8.6163439986996E+25
fil : = 489.37513233462
fipunto1 : = 8.6303042207195E+18
fi_gradi : = 28039.12968143
t1 : = 1.0810176276906E-14
tpunto1 : = 1.003854318005
tduepunti0 : = 5.7220685060938E+16
v=v_elettrone : = 17872173.118757
x0= : 9.0860020965871E-13
y0= : -7.8783578036648E-13
*****
i=40355
k(40355)=0.99881405569267
kQ(40355)=0.99762951784925
r1= : 1.1991769289215E-12
rpunto1: = -14596152.231044
rduepunti0 : = -8.6284059209152E+25
fil : = 489.37614448543
fipunto1 : = 8.6548914767503E+18
fi_gradi : = 28039.187673399
t1 : = 1.0810176394637E-14
tpunto1 : = 1.0038610526359
tduepunti0 : = 5.742416373854E+16
v=v_elettrone : = 17888889.146625
x0= : 9.0810222467065E-13
y0= : -7.8579977147285E-13
*****
i=40356
k(40356)=0.99881240744874
kQ(40356)=0.99762622527355
r1= : 1.1974651112602E-12
rpunto1: = -14606285.667259
rduepunti0 : = -8.6404750316312E+25
fil : = 489.37715951979
fipunto1 : = 8.6796010850315E+18
fi_gradi : = 28039.245830584
t1 : = 1.0810176512369E-14
tpunto1 : = 1.0038678112597
tduepunti0 : = 5.7628744179079E+16
v=v_elettrone : = 17905648.709264
x0= : 9.0760240863431E-13
y0= : -7.8376219269553E-13
```

```
*****
i=40357
k(40357)=0.99881075575218
kQ(40357)=0.99762292580624
r1= : 1.1957521051627E-12
rpunto1 : = -14616433.266052
rduepunti0 : = -8.652551034608E+25
fil : = 489.37817745206
fipunto1 : = 8.7044338913364E+18
fi_gradi : = 28039.304153808
t1 : = 1.0810176630101E-14
tpunto1 : = 1.0038745940066
tduerpunti0 : = 5.7834434286297E+16
v=v_elettrone : = 17922452.003391
x0= : 9.0710075470421E-13
y0= : -7.8172304142868E-13
*****
i=40358
k(40358)=0.99880910059691
kQ(40358)=0.9976196194352
r1= : 1.1940379089681E-12
rpunto1 : = -14626595.035153
rduepunti0 : = -8.664633628026E+25
fil : = 489.3791982967
fipunto1 : = 8.7293907488462E+18
fi_gradi : = 28039.362643897
t1 : = 1.0810176747834E-14
tpunto1 : = 1.0038814010076
tduerpunti0 : = 5.804124203358E+16
v=v_elettrone : = 17939299.226899
x0= : 9.0659725599678E-13
y0= : -7.7968231506186E-13
*****
i=40359
k(40359)=0.99880744197689
kQ(40359)=0.99761630614842
r1= : 1.1923225210145E-12
rpunto1 : = -14636770.98193
rduepunti0 : = -8.6767225043944E+25
fil : = 489.38022206824
fipunto1 : = 8.7544725182281E+18
fi_gradi : = 28039.421301685
t1 : = 1.0810176865568E-14
tpunto1 : = 1.0038882323948
tduerpunti0 : = 5.8249175464685E+16
v=v_elettrone : = 17956190.578489
x0= : 9.0609190559009E-13
y0= : -7.7764001098006E-13
*****
i=40360
k(40360)=0.99880577988616
kQ(40360)=0.99761298593399
r1= : 1.1906059396391E-12
rpunto1 : = -14646961.113385
rduepunti0 : = -8.68881735046E+25
fil : = 489.38124878133
fipunto1 : = 8.779680067714E+18
fi_gradi : = 28039.480128012
t1 : = 1.0810176983303E-14
tpunto1 : = 1.0038950883011
tduerpunti0 : = 5.8458242694455E+16
v=v_elettrone : = 17973126.259286
x0= : 9.0558469652353E-13
y0= : -7.7559612656379E-13
```

```
*****
i=40361
k(40361)=0.99880411431877
kQ(40361)=0.9976096587801
r1= : 1.1888881631785E-12
rpunto1 : = -14657165.436144
rduepunti0 : = -8.7009178471124E+25
fil : = 489.38227845074
fipunto1 : = 8.8050142731809E+18
fi_gradi : = 28039.539123724
t1 : = 1.0810177101038E-14
tpunto1 : = 1.0039019688605
tduepunti0 : = 5.8668451909562E+16
v=v_elettrone : = 17990106.470125
x0= : 9.0507562179764E-13
y0= : -7.7355065918894E-13
*****
i=40362
k(40362)=0.99880244526885
kQ(40362)=0.99760632467504
r1= : 1.1871691899682E-12
rpunto1 : = -14667383.956453
rduepunti0 : = -8.7130236692897E+25
fil : = 489.38331109131
fipunto1 : = 8.8304760182308E+18
fi_gradi : = 28039.59828967
t1 : = 1.0810177218774E-14
tpunto1 : = 1.0039088742078
tduepunti0 : = 5.8879811369248E+16
v=v_elettrone : = 18007131.414519
x0= : 9.0456467437362E-13
y0= : -7.71503606227E-13
*****
i=40363
k(40363)=0.99880077273058
kQ(40363)=0.99760298360721
r1= : 1.1854490183432E-12
rpunto1 : = -14677616.680169
rduepunti0 : = -8.7251344858814E+25
fil : = 489.384346718
fipunto1 : = 8.8560661942735E+18
fi_gradi : = 28039.657626708
t1 : = 1.0810177336512E-14
tpunto1 : = 1.003915804479
tduepunti0 : = 5.9092329406074E+16
v=v_elettrone : = 18024201.296259
x0= : 9.0405184717329E-13
y0= : -7.6945496504493E-13
*****
i=40364
k(40364)=0.99879909669819
kQ(40364)=0.99759963556512
r1= : 1.1837276466377E-12
rpunto1 : = -14687863.612755
rduepunti0 : = -8.7372499596295E+25
fil : = 489.38538534587
fipunto1 : = 8.8817857006087E+18
fi_gradi : = 28039.717135702
t1 : = 1.081017745425E-14
tpunto1 : = 1.0039227598109
tduepunti0 : = 5.9306014426682E+16
v=v_elettrone : = 18041316.320721
x0= : 9.0353713307859E-13
y0= : -7.6740473300531E-13
```

```
*****
i=40365
k(40365)=0.99879741716597
kQ(40365)=0.99759628053741
r1= : 1.1820050731854E-12
rpunto1 : = -14698124.759269
rduepunti0 : = -8.7493697470289E+25
fil : = 489.38642699009
fipunto1 : = 8.9076354445099E+18
fi_gradi : = 28039.776817519
t1 : = 1.0810177571988E-14
tpunto1 : = 1.0039297403413
tduepunti0 : = 5.9520874912566E+16
v=v_elettrone : = 18058476.694806
x0= : 9.0302052493138E-13
y0= : -7.653529074663E-13
*****
i=40366
k(40366)=0.99879573412826
kQ(40366)=0.9975929185128
r1= : 1.1802812963192E-12
rpunto1 : = -14708400.12436
rduepunti0 : = -8.7614934982256E+25
fil : = 489.38747166594
fipunto1 : = 8.9336163413099E+18
fi_gradi : = 28039.836673036
t1 : = 1.0810177689728E-14
tpunto1 : = 1.0039367462092
tduepunti0 : = 5.9736919420845E+16
v=v_elettrone : = 18075682.626568
x0= : 9.0250201553314E-13
y0= : -7.6329948578168E-13
*****
i=40367
k(40367)=0.99879404757946
kQ(40367)=0.99758954948017
r1= : 1.1785563143716E-12
rpunto1 : = -14718689.712259
rduepunti0 : = -8.7736208569128E+25
fil : = 489.38851938879
fipunto1 : = 8.9597293144858E+18
fi_gradi : = 28039.896703134
t1 : = 1.0810177807468E-14
tpunto1 : = 1.0039437775543
tduepunti0 : = 5.9954156585056E+16
v=v_elettrone : = 18092934.325153
x0= : 9.0198159764469E-13
y0= : -7.6124446530087E-13
*****
i=40368
k(40368)=0.99879235751406
kQ(40368)=0.99758617342849
r1= : 1.1768301256746E-12
rpunto1 : = -14728993.526771
rduepunti0 : = -8.785751460226E+25
fil : = 489.38957017413
fipunto1 : = 8.9859752957467E+18
fi_gradi : = 28039.956908699
t1 : = 1.0810177925209E-14
tpunto1 : = 1.0039508345176
tduepunti0 : = 6.017259511595E+16
v=v_elettrone : = 18110232.001103
x0= : 9.0145926398581E-13
y0= : -7.5918784336903E-13
```

```
*****
i=40369
k(40369)=0.99879066392657
kQ(40369)=0.99758279034687
r1= : 1.1751027285597E-12
rpunto1 : = -14739311.571268
rduepunti0 : = -8.797884938636E+25
fil : = 489.39062403758
fipunto1 : = 9.0123552251211E+18
fi_gradi : = 28040.017290627
t1 : = 1.0810178042952E-14
tpunto1 : = 1.0039579172411
tduepunti0 : = 6.0392243802291E+16
v=v_elettrone : = 18127575.866619
x0= : 9.0093500723498E-13
y0= : -7.5712961732703E-13
*****
i=40370
k(40370)=0.99878896681159
kQ(40370)=0.99757940022455
r1= : 1.173374121358E-12
rpunto1 : = -14749643.84868
rduepunti0 : = -8.8100209158396E+25
fil : = 489.39168099482
fipunto1 : = 9.0388700510469E+18
fi_gradi : = 28040.077849816
t1 : = 1.0810178160694E-14
tpunto1 : = 1.0039650258676
tduepunti0 : = 6.0613111511682E+16
v=v_elettrone : = 18144966.135191
x0= : 9.0040882002909E-13
y0= : -7.5506978451148E-13
*****
i=40371
k(40371)=0.99878726616377
kQ(40371)=0.9975760030509
r1= : 1.1716443024003E-12
rpunto1 : = -14759990.361489
rduepunti0 : = -8.8221590086498E+25
fil : = 489.39274106169
fipunto1 : = 9.0655207304606E+18
fi_gradi : = 28040.138587174
t1 : = 1.0810178278438E-14
tpunto1 : = 1.0039721605412
tduepunti0 : = 6.0835207191378E+16
v=v_elettrone : = 18162403.020881
x0= : 8.9988069496316E-13
y0= : -7.5300834225475E-13
*****
i=40372
k(40372)=0.99878556197786
kQ(40372)=0.99757259881542
r1= : 1.1699132700171E-12
rpunto1 : = -14770351.111718
rduepunti0 : = -8.8342988268823E+25
fil : = 489.39380425411
fipunto1 : = 9.0923082288894E+18
fi_gradi : = 28040.199503612
t1 : = 1.0810178396183E-14
tpunto1 : = 1.003979321407
tduepunti0 : = 6.1058539869132E+16
v=v_elettrone : = 18179886.740255
x0= : 8.9935062458988E-13
y0= : -7.5094528788514E-13
```

```
*****
i=40373
k(40373)=0.99878385424863
kQ(40373)=0.99756918750775
r1= : 1.1681810225387E-12
rpunto1 : = -14780726.100925
rduepunti0 : = -8.8464399732419E+25
fil : = 489.39487058814
fipunto1 : = 9.1192335205435E+18
fi_gradi : = 28040.260600052
t1 : = 1.0810178513928E-14
tpunto1 : = 1.0039865086111
tduepunti0 : = 6.1283118654029E+16
v=v_elettrone : = 18197417.510359
x0= : 8.9881860141948E-13
y0= : -7.488806187267E-13
*****
i=40374
k(40374)=0.99878214297096
kQ(40374)=0.99756576911766
r1= : 1.1664475582951E-12
rpunto1 : = -14791115.330193
rduepunti0 : = -8.8585820432055E+25
fil : = 489.39594007993
fipunto1 : = 9.1462975884097E+18
fi_gradi : = 28040.321877418
t1 : = 1.0810178631674E-14
tpunto1 : = 1.0039937223007
tduepunti0 : = 6.1508952737348E+16
v=v_elettrone : = 18214995.550304
x0= : 8.9828461791926E-13
y0= : -7.4681433209948E-13
*****
i=40375
k(40375)=0.99878042813978
kQ(40375)=0.99756234363509
r1= : 1.1647128756162E-12
rpunto1 : = -14801518.800122
rduepunti0 : = -8.8707246249043E+25
fil : = 489.39701274576
fipunto1 : = 9.1735014243462E+18
fi_gradi : = 28040.383336642
t1 : = 1.0810178749421E-14
tpunto1 : = 1.0040009626241
tduepunti0 : = 6.1736051393423E+16
v=v_elettrone : = 18232621.079902
x0= : 8.9774866651338E-13
y0= : -7.4474642531939E-13
*****
i=40376
k(40376)=0.99877870975012
kQ(40376)=0.99755891105011
r1= : 1.162976972832E-12
rpunto1 : = -14811936.510821
rduepunti0 : = -8.8828672990028E+25
fil : = 489.39808860202
fipunto1 : = 9.2008460291785E+18
fi_gradi : = 28040.444978666
t1 : = 1.0810178867169E-14
tpunto1 : = 1.0040082297308
tduepunti0 : = 6.1964423980515E+16
v=v_elettrone : = 18250294.320925
x0= : 8.9721073958244E-13
y0= : -7.4267689569837E-13
```

```
*****
i=40377
k(40377)=0.99877698779705
kQ(40377)=0.99755547135294
r1= : 1.1612398482723E-12
rpunto1:= -14822368.461897
rduepunti0 : = -8.8950096385771E+25
fil : = 489.39916766522
fipunto1 : = 9.2283324127969E+18
fi_gradi : = 28040.506804433
t1 : = 1.0810178984918E-14
tpunto1 : = 1.0040155237712
tduepunti0 : = 6.2194079941701E+16
v=v_elettrone : = 18268015.496072
x0= : 8.9667082946323E-13
y0= : -7.4060574054437E-13
*****
i=40378
k(40378)=0.99877526227574
kQ(40378)=0.99755202453397
r1= : 1.159501500267E-12
rpunto1:= -14832814.652448
rduepunti0 : = -8.9071512089899E+25
fil : = 489.40024995199
fipunto1 : = 9.2559615942547E+18
fi_gradi : = 28040.568814897
t1 : = 1.0810179102668E-14
tpunto1 : = 1.004022844897
tduepunti0 : = 6.2425028805768E+16
v=v_elettrone : = 18285784.830553
x0= : 8.9612892844831E-13
y0= : -7.3853295716145E-13
*****
i=40379
k(40379)=0.99877353318144
kQ(40379)=0.99754857058373
r1= : 1.1577619271462E-12
rpunto1:= -14843275.081053
rduepunti0 : = -8.9192915677643E+25
fil : = 489.40133547907
fipunto1 : = 9.2837346018678E+18
fi_gradi : = 28040.631011017
t1 : = 1.0810179220418E-14
tpunto1 : = 1.004030193261
tduepunti0 : = 6.2657280188116E+16
v=v_elettrone : = 18303602.549398
x0= : 8.9558502878584E-13
y0= : -7.3645854284962E-13
*****
i=40380
k(40380)=0.99877180050947
kQ(40380)=0.99754510949293
r1= : 1.1560211272399E-12
rpunto1:= -14853749.745763
rduepunti0 : = -8.9314302644545E+25
fil : = 489.40242426334
fipunto1 : = 9.3116524733159E+18
fi_gradi : = 28040.69339376
t1 : = 1.0810179338169E-14
tpunto1 : = 1.0040375690169
tduepunti0 : = 6.2890843791679E+16
v=v_elettrone : = 18321468.880042
x0= : 8.9503912267902E-13
y0= : -7.343824949052E-13
```

```
*****
i=40381
k(40381)=0.99877006425524
kQ(40381)=0.99754164125243
r1= : 1.1542790988786E-12
rpunto1 : = -14864238.644091
rduepunti0 : = -8.9435668405156E+25
fil : = 489.40351632177
fipunto1 : = 9.3397162557442E+18
fi_gradi : = 28040.755964099
t1 : = 1.0810179455922E-14
tpunto1 : = 1.00404497232
tduepunti0 : = 6.3125729407847E+16
v=v_elettrone : = 18339384.051608
x0= : 8.9449120228588E-13
y0= : -7.3230481062066E-13
*****
i=40382
k(40382)=0.99876832441426
kQ(40382)=0.99753816585326
r1= : 1.1525358403931E-12
rpunto1 : = -14874741.773002
rduepunti0 : = -8.9557008291695E+25
fil : = 489.40461167149
fipunto1 : = 9.3679270058674E+18
fi_gradi : = 28040.818723015
t1 : = 1.0810179573675E-14
tpunto1 : = 1.0040524033263
tduepunti0 : = 6.3361946917409E+16
v=v_elettrone : = 18357348.294176
x0= : 8.9394125971898E-13
y0= : -7.3022548728467E-13
*****
i=40383
k(40383)=0.99876658098209
kQ(40383)=0.99753468328666
r1= : 1.1507913501143E-12
rpunto1 : = -14885259.128905
rduepunti0 : = -8.9678317552702E+25
fil : = 489.40571032973
fipunto1 : = 9.3962857900741E+18
fi_gradi : = 28040.881671496
t1 : = 1.0810179691429E-14
tpunto1 : = 1.0040598621933
tduepunti0 : = 6.3599506291499E+16
v=v_elettrone : = 18375361.839082
x0= : 8.9338928704495E-13
y0= : -7.2814452218218E-13
*****
i=40384
k(40384)=0.99876483395441
kQ(40384)=0.99753119354399
r1= : 1.1490456263738E-12
rpunto1 : = -14895790.70764
rduepunti0 : = -8.9799591351657E+25
fil : = 489.40681231385
fipunto1 : = 9.424793684533E+18
fi_gradi : = 28040.944810535
t1 : = 1.0810179809184E-14
tpunto1 : = 1.0040673490795
tduepunti0 : = 6.3838417592559E+16
v=v_elettrone : = 18393424.920478
x0= : 8.9283527628416E-13
y0= : -7.2606191259457E-13
```



```
*****
i=40385
k(40385)=0.99876308332699
kQ(40385)=0.99752769661683
r1= : 1.1472986675034E-12
rpunto1:= -14906336.504472
rduepunti0 : = -8.9920824765578E+25
fil : = 489.40791764134
fipunto1 : = 9.4534517753004E+18
fi_gradi : = 28041.008141135
t1 : = 1.0810179926939E-14
tpunto1 : = 1.0040748641447
tduepunti0 : = 6.4078690975309E+16
v=v_elettrone : = 18411537.771996
x0= : 8.9227921941051E-13
y0= : -7.2397765579944E-13
*****
i=40386
k(40386)=0.99876132909567
kQ(40386)=0.99752419249695
r1= : 1.1455504718358E-12
rpunto1:= -14916896.514076
rduepunti0 : = -9.0042012783595E+25
fil : = 489.40902632981
fipunto1 : = 9.482261158429E+18
fi_gradi : = 28041.071664305
t1 : = 1.0810180044696E-14
tpunto1 : = 1.0040824075497
tduepunti0 : = 6.4320336687731E+16
v=v_elettrone : = 18429700.630624
x0= : 8.9172110835081E-13
y0= : -7.2189174907097E-13
*****
i=40387
k(40387)=0.99875957125641
kQ(40387)=0.99752068117628
r1= : 1.1438010377041E-12
rpunto1:= -14927470.730531
rduepunti0 : = -9.0163150305501E+25
fil : = 489.41013839701
fipunto1 : = 9.511222940078E+18
fi_gradi : = 28041.135381062
t1 : = 1.0810180162453E-14
tpunto1 : = 1.0040899794568
tduepunti0 : = 6.4563365072065E+16
v=v_elettrone : = 18447913.734028
x0= : 8.9116093498468E-13
y0= : -7.1980418967974E-13
*****
i=40388
k(40388)=0.99875780980525
kQ(40388)=0.99751716264697
r1= : 1.1420503634421E-12
rpunto1:= -14938059.147305
rduepunti0 : = -9.0284232140277E+25
fil : = 489.4112538608
fipunto1 : = 9.5403382366246E+18
fi_gradi : = 28041.19929243
t1 : = 1.0810180280212E-14
tpunto1 : = 1.0040975800293
tduepunti0 : = 6.4807786565815E+16
v=v_elettrone : = 18466177.321136
x0= : 8.9059869114404E-13
y0= : -7.1771497489287E-13
```

```
*****
i=40389
k(40389)=0.99875604473834
kQ(40389)=0.99751363690136
r1= : 1.1402984473844E-12
rpunto1:= -14948661.757247
rduepunti0 : = -9.0405253004591E+25
fil : = 489.41237273921
fipunto1 : = 9.5696081747775E+18
fi_gradi : = 28041.26339944
t1 : = 1.0810180397971E-14
tpunto1 : = 1.0041052094319
tduepunti0 : = 6.505361170277E+16
v=v_elettrone : = 18484491.633386
x0= : 8.9003436861274E-13
y0= : -7.1562410197413E-13
*****
i=40390
k(40390)=0.99875427605192
kQ(40390)=0.997510103932
r1= : 1.1385452878664E-12
rpunto1:= -14959278.552578
rduepunti0 : = -9.0526207521271E+25
fil : = 489.41349505035
fipunto1 : = 9.5990338916907E+18
fi_gradi : = 28041.327703132
t1 : = 1.0810180515731E-14
tpunto1 : = 1.0041128678304
tduepunti0 : = 6.5300851114033E+16
v=v_elettrone : = 18502856.912709
x0= : 8.8946795912629E-13
y0= : -7.1353156818384E-13
*****
i=40391
k(40391)=0.99875250374236
kQ(40391)=0.99750656373163
r1= : 1.1367908832246E-12
rpunto1:= -14969909.524873
rduepunti0 : = -9.0647090217752E+25
fil : = 489.4146208125
fipunto1 : = 9.6286165350798E+18
fi_gradi : = 28041.392204552
t1 : = 1.0810180633492E-14
tpunto1 : = 1.0041205553919
tduepunti0 : = 6.5549515529064E+16
v=v_elettrone : = 18521273.403737
x0= : 8.8889945437136E-13
y0= : -7.1143737077911E-13
*****
i=40392
k(40392)=0.9987507278061
kQ(40392)=0.99750301629322
r1= : 1.1350352317962E-12
rpunto1:= -14980554.665056
rduepunti0 : = -9.0767895524499E+25
fil : = 489.41575004407
fipunto1 : = 9.6583572633395E+18
fi_gradi : = 28041.456904755
t1 : = 1.0810180751254E-14
tpunto1 : = 1.0041282722849
tduepunti0 : = 6.5799615776739E+16
v=v_elettrone : = 18539741.351466
x0= : 8.8832884598555E-13
y0= : -7.0934150701372E-13
```

```
*****
i=40393
k(40393)=0.99874894823973
kQ(40393)=0.99749946160996
r1= : 1.1332783319197E-12
rpunto1:= -14991213.963388
rduepunti0 : = -9.0888617773397E+25
fil : = 489.41688276359
fipunto1 : = 9.6882572456622E+18
fi_gradi : = 28041.521804803
t1 : = 1.0810180869017E-14
tpunto1 : = 1.004136018679
tduepunti0 : = 6.6051162786416E+16
v=v_elettrone : = 18558261.003785
x0= : 8.8775612555683E-13
y0= : -7.0724397413834E-13
*****
i=40394
k(40394)=0.9987471650399
kQ(40394)=0.99749589967523
r1= : 1.1315201819346E-12
rpunto1:= -15001887.409449
rduepunti0 : = -9.1009251196117E+25
fil : = 489.41801898974
fipunto1 : = 9.7183176621587E+18
fi_gradi : = 28041.586905766
t1 : = 1.0810180986781E-14
tpunto1 : = 1.0041437947451
tduepunti0 : = 6.6304167589016E+16
v=v_elettrone : = 18576832.608822
x0= : 8.8718128462333E-13
y0= : -7.0514476940045E-13
*****
i=40395
k(40395)=0.99874537820342
kQ(40395)=0.99749233048268
r1= : 1.1297607801817E-12
rpunto1:= -15012574.992135
rduepunti0 : = -9.1129789922453E+25
fil : = 489.41915874133
fipunto1 : = 9.7485397039798E+18
fi_gradi : = 28041.652208722
t1 : = 1.0810181104545E-14
tpunto1 : = 1.0041516006556
tduepunti0 : = 6.6558641318119E+16
v=v_elettrone : = 18595456.417465
x0= : 8.8660431467278E-13
y0= : -7.0304389004455E-13
*****
i=40396
k(40396)=0.99874358772718
kQ(40396)=0.99748875402617
r1= : 1.1280001250031E-12
rpunto1:= -15023276.699638
rduepunti0 : = -9.1250227978632E+25
fil : = 489.42030203733
fipunto1 : = 9.7789245734405E+18
fi_gradi : = 28041.717714757
t1 : = 1.0810181222311E-14
tpunto1 : = 1.004159436584
tduepunti0 : = 6.6814595211071E+16
v=v_elettrone : = 18614132.68199
x0= : 8.8602520714227E-13
y0= : -7.0094133331209E-13
```

```
*****
i=40397
k(40397)=0.99874179360823
kQ(40397)=0.99748517029978
r1= : 1.1262382147422E-12
rpunto1 : = -15033992.51944
rduepunti0 : = -9.1370559285588E+25
fil : = 489.42144889683
fipunto1 : = 9.8094734841445E+18
fi_gradi : = 28041.783424966
t1 : = 1.0810181340077E-14
tpunto1 : = 1.0041673027053
tduepunti0 : = 6.7072040610102E+16
v=v_elettrone : = 18632861.656004
x0= : 8.8544395341781E-13
y0= : -6.9883709644157E-13
*****
i=40398
k(40398)=0.9987399958437
kQ(40398)=0.99748157929787
r1= : 1.124475047744E-12
rpunto1 : = -15044722.438296
rduepunti0 : = -9.1490777657214E+25
fil : = 489.42259933906
fipunto1 : = 9.8401876611116E+18
fi_gradi : = 28041.84934045
t1 : = 1.0810181457845E-14
tpunto1 : = 1.0041751991957
tduepunti0 : = 6.7330988963463E+16
v=v_elettrone : = 18651643.595014
x0= : 8.8486054483386E-13
y0= : -6.9673117666863E-13
*****
i=40399
k(40399)=0.99873819443086
kQ(40399)=0.997477981015
r1= : 1.1227106223549E-12
rpunto1 : = -15055466.442222
rduepunti0 : = -9.1610876798579E+25
fil : = 489.42375338341
fipunto1 : = 9.8710683409055E+18
fi_gradi : = 28041.915462321
t1 : = 1.0810181575613E-14
tpunto1 : = 1.0041831262329
tduepunti0 : = 6.7591451826573E+16
v=v_elettrone : = 18670478.756368
x0= : 8.8427497267302E-13
y0= : -6.9462357122614E-13
*****
i=40400
k(40400)=0.9987363893671
kQ(40400)=0.99747437544604
r1= : 1.120944936923E-12
rpunto1 : = -15066224.516483
rduepunti0 : = -9.1730850304115E+25
fil : = 489.42491104941
fipunto1 : = 9.9021167717642E+18
fi_gradi : = 28041.981791697
t1 : = 1.0810181693383E-14
tpunto1 : = 1.0041910839957
tduepunti0 : = 6.7853440863179E+16
v=v_elettrone : = 18689367.398512
x0= : 8.8368722816558E-13
y0= : -6.9251427734416E-13
```

```
*****
i=40401
k(40401)=0.99873458064996
kQ(40401)=0.99747076258605
r1= : 1.1191779897983E-12
rpunto1:= -15076996.645582
rduepunti0 : = -9.1850691655771E+25
fil : = 489.42607235673
fipunto1 : = 9.9333342137319E+18
fi_gradi : = 28042.048329705
t1 : = 1.0810181811153E-14
tpunto1 : = 1.0041990726647
tduepunti0 : = 6.8116967846532E+16
v=v_elettrone : = 18708309.782563
x0= : 8.8309730248908E-13
y0= : -6.9040329225018E-13
*****
i=40402
k(40402)=0.99873276827709
kQ(40402)=0.99746714243041
r1= : 1.1174097793323E-12
rpunto1:= -15087782.813242
rduepunti0 : = -9.1970394221137E+25
fil : = 489.42723732518
fipunto1 : = 9.964721938792E+18
fi_gradi : = 28042.115077481
t1 : = 1.0810181928924E-14
tpunto1 : = 1.0042070924216
tduepunti0 : = 6.8382044660577E+16
v=v_elettrone : = 18727306.170276
x0= : 8.8250518676798E-13
y0= : -6.8829061316902E-13
*****
i=40403
k(40403)=0.99873095224627
kQ(40403)=0.99746351497475
r1= : 1.1156403038787E-12
rpunto1:= -15098583.002394
rduepunti0 : = -9.2089951251535E+25
fil : = 489.42840597475
fipunto1 : = 9.9962812310031E+18
fi_gradi : = 28042.182036169
t1 : = 1.0810182046696E-14
tpunto1 : = 1.0042151434494
tduepunti0 : = 6.8648683301155E+16
v=v_elettrone : = 18746356.825917
x0= : 8.8191087207311E-13
y0= : -6.8617623732303E-13
*****
i=40404
k(40404)=0.99872913255544
kQ(40404)=0.99745988021495
r1= : 1.113869561793E-12
rpunto1:= -15109397.195164
rduepunti0 : = -9.2209355880073E+25
fil : = 489.42957832555
fipunto1 : = 1.0028013386635E+19
fi_gradi : = 28042.249206922
t1 : = 1.0810182164469E-14
tpunto1 : = 1.0042232259329
tduepunti0 : = 6.8916895877225E+16
v=v_elettrone : = 18765462.015528
x0= : 8.8131434942137E-13
y0= : -6.8406016193213E-13
```

```
*****
i=40405
k(40405)=0.99872730920267
kQ(40405)=0.9974562381472
r1= : 1.112097551433E-12
rpunto1 : = -15120225.372861
rduepunti0 : = -9.2328601119668E+25
fil : = 489.43075439786
fipunto1 : = 1.0059919714309E+19
fi_gradi : = 28042.316590901
t1 : = 1.0810182282243E-14
tpunto1 : = 1.0042313400581
tduepunti0 : = 6.9186694612091E+16
v=v_elettrone : = 18784622.006227
x0= : 8.8071560977528E-13
y0= : -6.8194238421379E-13
*****
i=40406
k(40406)=0.99872548218615
kQ(40406)=0.99745258876797
r1= : 1.1103242711584E-12
rpunto1 : = -15131067.515956
rduepunti0 : = -9.2447679861037E+25
fil : = 489.4319342121
fipunto1 : = 1.0092001535136E+19
fi_gradi : = 28042.384189278
t1 : = 1.0810182400018E-14
tpunto1 : = 1.0042394860123
tduepunti0 : = 6.9458091844654E+16
v=v_elettrone : = 18803837.067722
x0= : 8.8011464404246E-13
y0= : -6.798229013833E-13
*****
i=40407
k(40407)=0.99872365150426
kQ(40407)=0.99744893207401
r1= : 1.1085497193314E-12
rpunto1 : = -15141923.604076
rduepunti0 : = -9.2566584870643E+25
fil : = 489.43311778885
fipunto1 : = 1.0124260182861E+19
fi_gradi : = 28042.45200323
t1 : = 1.0810182517794E-14
tpunto1 : = 1.0042476639846
tduepunti0 : = 6.9731100030673E+16
v=v_elettrone : = 18823107.471273
x0= : 8.7951144307532E-13
y0= : -6.7770171065367E-13
*****
i=40408
k(40408)=0.99872181715549
kQ(40408)=0.99744526806237
r1= : 1.1067738943166E-12
rpunto1 : = -15152793.615982
rduepunti0 : = -9.2685308788616E+25
fil : = 489.43430514886
fipunto1 : = 1.0156697004008E+19
fi_gradi : = 28042.520033948
t1 : = 1.0810182635571E-14
tpunto1 : = 1.0042558741654
tduepunti0 : = 7.0005731744045E+16
v=v_elettrone : = 18842433.489618
x0= : 8.7890599767055E-13
y0= : -6.7557880923575E-13
```

```
*****
i=40409
k(40409)=0.99871997913851
kQ(40409)=0.99744159673043
r1= : 1.104996794481E-12
rpunto1:= -15163677.529557
rduepunti0 : = -9.2803844126631E+25
fil : = 489.43549631301
fipunto1 : = 1.0189313358024E+19
fi_gradi : = 28042.588282626
t1 : = 1.0810182753349E-14
tpunto1 : = 1.0042641167465
tduepunti0 : = 7.0281999678095E+16
v=v_elettrone : = 18861815.397526
x0= : 8.7829829856868E-13
y0= : -6.7345419433842E-13
*****
i=40410
k(40410)=0.99871813745212
kQ(40410)=0.99743791807583
r1= : 1.1032184181942E-12
rpunto1:= -15174575.321792
rduepunti0 : = -9.2922183265748E+25
fil : = 489.43669130237
fipunto1 : = 1.0222110617427E+19
fi_gradi : = 28042.656750473
t1 : = 1.0810182871127E-14
tpunto1 : = 1.0042723919213
tduepunti0 : = 7.0559916646887E+16
v=v_elettrone : = 18881253.47204
x0= : 8.776883364536E-13
y0= : -6.7132786316858E-13
*****
i=40411
k(40411)=0.9987162920953
kQ(40411)=0.99743423209658
r1= : 1.1014387638286E-12
rpunto1:= -15185486.968768
rduepunti0 : = -9.3040318454218E+25
fil : = 489.43789013814
fipunto1 : = 1.025509016796E+19
fi_gradi : = 28042.725438703
t1 : = 1.0810182988907E-14
tpunto1 : = 1.0042806998848
tduepunti0 : = 7.0839495586549E+16
v=v_elettrone : = 18900747.991115
x0= : 8.7707610195224E-13
y0= : -6.6919981293119E-13
*****
i=40412
k(40412)=0.99871444306718
kQ(40412)=0.99743053879098
r1= : 1.0996578297593E-12
rpunto1:= -15196412.44564
rduepunti0 : = -9.3158241805246E+25
fil : = 489.43909284172
fipunto1 : = 1.0288253408739E+19
fi_gradi : = 28042.794348542
t1 : = 1.0810183106688E-14
tpunto1 : = 1.0042890408333
tduepunti0 : = 7.1120749556613E+16
v=v_elettrone : = 18920299.235769
x0= : 8.764615856339E-13
y0= : -6.6707004082955E-13
```

```
*****
i=40413
k(40413)=0.99871259036705
kQ(40413)=0.99742683815767
r1= : 1.0978756143643E-12
rpunto1 : = -15207351.726623
rduepunti0 : = -9.3275945294717E+25
fil : = 489.44029943463
fipunto1 : = 1.0321601752407E+19
fi_gradi : = 28042.863481224
t1 : = 1.0810183224469E-14
tpunto1 : = 1.004297414965
tduepunti0 : = 7.1403691741371E+16
v=v_elettrone : = 18939907.487764
x0= : 8.7584477801003E-13
y0= : -6.6493854406512E-13
*****
i=40414
k(40414)=0.99871073399439
kQ(40414)=0.99742313019562
r1= : 1.0960921160248E-12
rpunto1 : = -15218304.784976
rduepunti0 : = -9.339342075888E+25
fil : = 489.4415099386
fipunto1 : = 1.0355136625295E+19
fi_gradi : = 28042.932837992
t1 : = 1.0810183342252E-14
tpunto1 : = 1.0043058224793
tduepunti0 : = 7.1688335451252E+16
v=v_elettrone : = 18959573.031434
x0= : 8.7522566953355E-13
y0= : -6.6280531983788E-13
*****
i=40415
k(40415)=0.99870887394884
kQ(40415)=0.99741941490415
r1= : 1.0943073331249E-12
rpunto1 : = -15229271.59298
rduepunti0 : = -9.3510659891993E+25
fil : = 489.44272437549
fipunto1 : = 1.0388859467572E+19
fi_gradi : = 28043.002420101
t1 : = 1.0810183460036E-14
tpunto1 : = 1.0043142635774
tduepunti0 : = 7.1974694124207E+16
v=v_elettrone : = 18979296.152967
x0= : 8.7460425059848E-13
y0= : -6.6067036534626E-13
*****
i=40416
k(40416)=0.9987070102302
kQ(40416)=0.99741569228294
r1= : 1.0925212640521E-12
rpunto1 : = -15240252.12193
rduepunti0 : = -9.3627654243921E+25
fil : = 489.44394276736
fipunto1 : = 1.0422771733414E+19
fi_gradi : = 28043.072228812
t1 : = 1.0810183577821E-14
tpunto1 : = 1.004322738462
tduepunti0 : = 7.2262781327119E+16
v=v_elettrone : = 18999077.140622
x0= : 8.7398051153951E-13
y0= : -6.5853367778728E-13
```



```
*****
i=40417
k(40417)=0.99870514283847
kQ(40417)=0.997411962332
r1= : 1.0907339071972E-12
rpunto1 : = -15251246.342108
rduepunti0 : = -9.3744395217699E+25
fil : = 489.44516513641
fipunto1 : = 1.0456874891161E+19
fi_gradi : = 28043.1422654
t1 : = 1.0810183695606E-14
tpunto1 : = 1.0043312473374
tduepunti0 : = 7.2552610757227E+16
v=v_elettrone : = 19018916.284011
x0= : 8.7335444263143E-13
y0= : -6.563952543566E-13
*****
i=40418
k(40418)=0.99870327177382
kQ(40418)=0.99740822505174
r1= : 1.0889452609545E-12
rpunto1 : = -15262254.222774
rduepunti0 : = -9.3860874067043E+25
fil : = 489.44639150503
fipunto1 : = 1.0491170423482E+19
fi_gradi : = 28043.212531146
t1 : = 1.0810183813393E-14
tpunto1 : = 1.0043397904095
tduepunti0 : = 7.2844196243564E+16
v=v_elettrone : = 19038813.875292
x0= : 8.7272603408869E-13
y0= : -6.5425509224874E-13
*****
i=40419
k(40419)=0.99870139703663
kQ(40419)=0.99740448044291
r1= : 1.0871553237219E-12
rpunto1 : = -15273275.732141
rduepunti0 : = -9.3977081893825E+25
fil : = 489.44762189579
fipunto1 : = 1.0525659827545E+19
fi_gradi : = 28043.283027344
t1 : = 1.081018393118E-14
tpunto1 : = 1.004348367886
tduepunti0 : = 7.3137551748421E+16
v=v_elettrone : = 19058770.208417
x0= : 8.7209527606489E-13
y0= : -6.5211318865708E-13
*****
i=40420
k(40420)=0.99869951862743
kQ(40420)=0.99740072850666
r1= : 1.0853640939012E-12
rpunto1 : = -15284310.837364
rduepunti0 : = -9.4093009645494E+25
fil : = 489.44885633142
fipunto1 : = 1.0560344615183E+19
fi_gradi : = 28043.353755295
t1 : = 1.0810184048969E-14
tpunto1 : = 1.0043569799761
tduepunti0 : = 7.3432691368817E+16
v=v_elettrone : = 19078785.579381
x0= : 8.7146215865232E-13
y0= : -6.4996954077401E-13
```

```
*****
i=40421
k(40421)=0.99869763654698
kQ(40421)=0.99739696924452
r1= : 1.0835715698977E-12
rpunto1 : = -15295359.504515
rduepunti0 : = -9.420864811246E+25
fil : = 489.45009483484
fipunto1 : = 1.0595226313065E+19
fi_gradi : = 28043.424716314
t1 : = 1.0810184166759E-14
tpunto1 : = 1.0043656268907
tduepunti0 : = 7.3729629337998E+16
v=v_elettrone : = 19098860.286107
x0= : 8.7082667188143E-13
y0= : -6.47824145791E-13
*****
i=40422
k(40422)=0.99869575079622
kQ(40422)=0.99739320265842
r1= : 1.081777750121E-12
rpunto1 : = -15306421.698569
rduepunti0 : = -9.4323987925422E+25
fil : = 489.45133742913
fipunto1 : = 1.0630306462872E+19
fi_gradi : = 28043.495911723
t1 : = 1.081018428455E-14
tpunto1 : = 1.0043743088424
tduepunti0 : = 7.4028380026946E+16
v=v_elettrone : = 19118994.628686
x0= : 8.7018880572032E-13
y0= : -6.4567700089874E-13
*****
i=40423
k(40423)=0.99869386137629
kQ(40423)=0.99738942875069
r1= : 1.0799826329846E-12
rpunto1 : = -15317497.383382
rduepunti0 : = -9.4439019552655E+25
fil : = 489.45258413759
fipunto1 : = 1.0665586621471E+19
fi_gradi : = 28043.567342856
t1 : = 1.0810184402341E-14
tpunto1 : = 1.0043830260454
tduepunti0 : = 7.4328957945912E+16
v=v_elettrone : = 19139188.909271
x0= : 8.6954855007428E-13
y0= : -6.4352810328725E-13
*****
i=40424
k(40424)=0.99869196828855
kQ(40424)=0.99738564752407
r1= : 1.0781862169063E-12
rpunto1 : = -15328586.521672
rduepunti0 : = -9.4553733297246E+25
fil : = 489.45383498365
fipunto1 : = 1.0701068361095E+19
fi_gradi : = 28043.639011056
t1 : = 1.0810184520134E-14
tpunto1 : = 1.0043917787159
tduepunti0 : = 7.4631377745964E+16
v=v_elettrone : = 19159443.431981
x0= : 8.6890589478524E-13
y0= : -6.4137745014598E-13
```

```
*****
i=40425
k(40425)=0.99869007153457
kQ(40425)=0.99738185898172
r1= : 1.0763885003085E-12
rpunto1: = -15339689.075003
rduepunti0 : = -9.4668119294276E+25
fil : = 489.45508999096
fipunto1 : = 1.073675326952E+19
fi_gradi : = 28043.710917678
t1 : = 1.0810184637928E-14
tpunto1 : = 1.0044005670715
tduepunti0 : = 7.4935654220554E+16
v=v_elettrone : = 19179758.502796
x0= : 8.6826082963125E-13
y0= : -6.392250386639E-13
*****
i=40426
k(40426)=0.9986881711161
kQ(40426)=0.99737806312723
r1= : 1.0745894816176E-12
rpunto1: = -15350805.00376
rduepunti0 : = -9.478216750796E+25
fil : = 489.45634918336
fipunto1 : = 1.0772642950253E+19
fi_gradi : = 28043.783064088
t1 : = 1.0810184755722E-14
tpunto1 : = 1.0044093913318
tduepunti0 : = 7.5241802307108E+16
v=v_elettrone : = 19200134.430423
x0= : 8.6761334432593E-13
y0= : -6.3707086602972E-13
*****
i=40427
k(40427)=0.99868626703516
kQ(40427)=0.99737425996462
r1= : 1.0727891592652E-12
rpunto1: = -15361934.26713
rduepunti0 : = -9.4895867728727E+25
fil : = 489.45761258485
fipunto1 : = 1.0808739022716E+19
fi_gradi : = 28043.855451661
t1 : = 1.0810184873518E-14
tpunto1 : = 1.0044182517179
tduepunti0 : = 7.5549837088629E+16
v=v_elettrone : = 19220571.525223
x0= : 8.6696342851802E-13
y0= : -6.349149294319E-13
*****
i=40428
k(40428)=0.99868435929395
kQ(40428)=0.99737044949838
r1= : 1.0709875316873E-12
rpunto1: = -15373076.823082
rduepunti0 : = -9.5009209570252E+25
fil : = 489.45888021964
fipunto1 : = 1.0845043122431E+19
fi_gradi : = 28043.928081784
t1 : = 1.0810184991315E-14
tpunto1 : = 1.0044271484531
tduepunti0 : = 7.5859773795326E+16
v=v_elettrone : = 19241070.099753
x0= : 8.6631107179079E-13
y0= : -6.3275722605878E-13
```

```
*****
i=40429
k(40429)=0.99868244789493
kQ(40429)=0.99736663173341
r1= : 1.069184597325E-12
rpunto1 : = -15384232.628349
rduepunti0 : = -9.5122182466431E+25
fil : = 489.46015211212
fipunto1 : = 1.0881556901215E+19
fi_gradi : = 28044.000955856
t1 : = 1.0810185109113E-14
tpunto1 : = 1.0044360817621
tduepunti0 : = 7.6171627806256E+16
v=v_elettrone : = 19261630.468667
x0= : 8.6565626366149E-13
y0= : -6.3059775309881E-13
*****
i=40430
k(40430)=0.99868053284077
kQ(40430)=0.99736280667512
r1= : 1.0673803546244E-12
rpunto1 : = -15395401.638399
rduepunti0 : = -9.5234775668307E+25
fil : = 489.4614282869
fipunto1 : = 1.091828202737E+19
fi_gradi : = 28044.074075284
t1 : = 1.0810185226912E-14
tpunto1 : = 1.0044450518716
tduepunti0 : = 7.6485414650993E+16
v=v_elettrone : = 19282252.949218
x0= : 8.6499899358082E-13
y0= : -6.2843650774058E-13
*****
i=40431
k(40431)=0.99867861413438
kQ(40431)=0.99735897432936
r1= : 1.065574802037E-12
rpunto1 : = -15406583.80742
rduepunti0 : = -9.5346978240929E+25
fil : = 489.46270876875
fipunto1 : = 1.0955220185881E+19
fi_gradi : = 28044.14744149
t1 : = 1.0810185344712E-14
tpunto1 : = 1.0044540590101
tduepunti0 : = 7.6801150011313E+16
v=v_elettrone : = 19302937.860551
x0= : 8.6433925093241E-13
y0= : -6.2627348717295E-13
*****
i=40432
k(40432)=0.99867669177891
kQ(40432)=0.99735513470248
r1= : 1.0637679380193E-12
rpunto1 : = -15417779.088296
rduepunti0 : = -9.5458779060169E+25
fil : = 489.46399358265
fipunto1 : = 1.0992373078613E+19
fi_gradi : = 28044.221055905
t1 : = 1.0810185462513E-14
tpunto1 : = 1.004463103408
tduepunti0 : = 7.7118849722897E+16
v=v_elettrone : = 19323685.523571
x0= : 8.6367702503225E-13
y0= : -6.2410868858522E-13
```

```
*****
i=40433
k(40433)=0.99867476577778
kQ(40433)=0.9973512878013
r1= : 1.0619597610338E-12
rpunto1: = -15428987.43258
rduerpunti0 : = -9.5570166809469E+25
fil : = 489.46528275381
fipunto1 : = 1.1029742424514E+19
fi_gradi : = 28044.294919971
t1 : = 1.0810185580315E-14
tpunto1 : = 1.0044721852976
tduerpunti0 : = 7.7438529777064E+16
v=v_elettrone : = 19344496.262093
x0= : 8.6301230512804E-13
y0= : -6.219421091673E-13
*****
i=40434
k(40434)=0.99867283613462
kQ(40434)=0.99734743363316
r1= : 1.0601502695482E-12
rpunto1: = -15440208.790481
rduerpunti0 : = -9.5681129976532E+25
fil : = 489.46657630759
fipunto1 : = 1.1067329959818E+19
fi_gradi : = 28044.369035143
t1 : = 1.0810185698118E-14
tpunto1 : = 1.004481304913
tduerpunti0 : = 7.7760206322515E+16
v=v_elettrone : = 19365370.402121
x0= : 8.6234508039874E-13
y0= : -6.1977374610982E-13
*****
i=40435
k(40435)=0.99867090285334
kQ(40435)=0.99734357220591
r1= : 1.0583394620365E-12
rpunto1: = -15451443.110828
rduerpunti0 : = -9.5791656849956E+25
fil : = 489.46787426958
fipunto1 : = 1.1105137438252E+19
fi_gradi : = 28044.443402887
t1 : = 1.0810185815923E-14
tpunto1 : = 1.0044904624902
tduerpunti0 : = 7.8083895667103E+16
v=v_elettrone : = 19386308.272021
x0= : 8.6167533995398E-13
y0= : -6.1760359660418E-13
*****
i=40436
k(40436)=0.99866896593812
kQ(40436)=0.99733970352791
r1= : 1.0565273369784E-12
rpunto1: = -15462690.341058
rduerpunti0 : = -9.5901735515803E+25
fil : = 489.46917666559
fipunto1 : = 1.1143166631242E+19
fi_gradi : = 28044.518024682
t1 : = 1.0810185933728E-14
tpunto1 : = 1.0044996582673
tduerpunti0 : = 7.8409614279623E+16
v=v_elettrone : = 19407310.201488
x0= : 8.6100307283346E-13
y0= : -6.1543165784278E-13
```

```
*****
i=40437
k(40437)=0.99866702539338
kQ(40437)=0.99733582760806
r1= : 1.0547138928598E-12
rpunto1 : = -15473950.427183
rduepunti0 : = -9.6011353854105E+25
fil : = 489.47048352161
fipunto1 : = 1.1181419328135E+19
fi_gradi : = 28044.592902016
t1 : = 1.0810186051534E-14
tpunto1 : = 1.0045088924842
tduepunti0 : = 7.8737378791629E+16
v=v_elettrone : = 19428376.523615
x0= : 8.6032826800632E-13
y0= : -6.1325792701924E-13
*****
i=40438
k(40438)=0.99866508122383
kQ(40438)=0.99733194445579
r1= : 1.052899128173E-12
rpunto1 : = -15485223.313771
rduepunti0 : = -9.612049953531E+25
fil : = 489.47179486386
fipunto1 : = 1.1219897336402E+19
fi_gradi : = 28044.668036392
t1 : = 1.0810186169342E-14
tpunto1 : = 1.0045181653828
tduepunti0 : = 7.9067205999264E+16
v=v_elettrone : = 19449507.573516
x0= : 8.5965091437058E-13
y0= : -6.1108240132843E-13
*****
i=40439
k(40439)=0.99866313343445
kQ(40439)=0.99732805408111
r1= : 1.0510830414168E-12
rpunto1 : = -15496508.943918
rduepunti0 : = -9.6229160016658E+25
fil : = 489.47311071876
fipunto1 : = 1.1258602481868E+19
fi_gradi : = 28044.743429325
t1 : = 1.081018628715E-14
tpunto1 : = 1.0045274772071
tduepunti0 : = 7.9399112865118E+16
v=v_elettrone : = 19470703.688222
x0= : 8.5897100075262E-13
y0= : -6.0890507796665E-13
*****
i=40440
k(40440)=0.99866118203049
kQ(40440)=0.99732415649454
r1= : 1.0492656310967E-12
rpunto1 : = -15507807.259224
rduepunti0 : = -9.633732253849E+25
fil : = 489.47443111295
fipunto1 : = 1.1297536608925E+19
fi_gradi : = 28044.819082339
t1 : = 1.081018640496E-14
tpunto1 : = 1.0045368282028
tduepunti0 : = 7.973311652011E+16
v=v_elettrone : = 19491965.208105
x0= : 8.5828851590643E-13
y0= : -6.0672595413186E-13
```

```
*****
i=40441
k(40441)=0.99865922701752
kQ(40441)=0.99732025170724
r1= : 1.0474468957249E-12
rpunto1 : = -15519118.199767
rduepunti0 : = -9.6444974120499E+25
fil : = 489.47575607328
fipunto1 : = 1.1336701580761E+19
fi_gradi : = 28044.894996974
t1 : = 1.0810186522771E-14
tpunto1 : = 1.0045462186179
tduepunti0 : = 8.0069234265386E+16
v=v_elettrone : = 19513292.474898
x0= : 8.5760344851318E-13
y0= : -6.0454502702368E-13
*****
i=40442
k(40442)=0.99865726840137
kQ(40442)=0.9973163397309
r1= : 1.0456268338208E-12
rpunto1 : = -15530441.704076
rduepunti0 : = -9.6552101557898E+25
fil : = 489.47708562683
fipunto1 : = 1.1376099279584E+19
fi_gradi : = 28044.971174781
t1 : = 1.0810186640583E-14
tpunto1 : = 1.0045556487025
tduepunti0 : = 8.0407483574251E+16
v=v_elettrone : = 19534685.83312
x0= : 8.5691578718044E-13
y0= : -6.0236229384371E-13
*****
i=40443
k(40443)=0.99865530618819
kQ(40443)=0.99731242057783
r1= : 1.0438054439108E-12
rpunto1 : = -15541777.709105
rduepunti0 : = -9.6658691417523E+25
fil : = 489.47841980089
fipunto1 : = 1.1415731606858E+19
fi_gradi : = 28045.047617323
t1 : = 1.0810186758396E-14
tpunto1 : = 1.0045651187087
tduepunti0 : = 8.0747882094112E+16
v=v_elettrone : = 19556145.629957
x0= : 8.5622552044164E-13
y0= : -6.0017775179566E-13
*****
i=40444
k(40444)=0.99865334038441
kQ(40444)=0.99730849426094
r1= : 1.0419827245291E-12
rpunto1 : = -15553126.150204
rduepunti0 : = -9.6764730033873E+25
fil : = 489.47975862297
fipunto1 : = 1.1455600483531E+19
fi_gradi : = 28045.124326179
t1 : = 1.081018687621E-14
tpunto1 : = 1.0045746288904
tduepunti0 : = 8.1090447648453E+16
v=v_elettrone : = 19577672.214506
x0= : 8.5553263675544E-13
y0= : -5.9799139808546E-13
```

```
*****
i=40445
k(40445)=0.9986513709968
kQ(40445)=0.99730456079378
r1= : 1.040158674217E-12
rpunto1 : = -15564486.961094
rduepunti0 : = -9.6870203505059E+25
fil : = 489.48110212083
fipunto1 : = 1.1495707850276E+19
fi_gradi : = 28045.201302935
t1 : = 1.0810186994025E-14
tpunto1 : = 1.004584179504
tduepunti0 : = 8.1435198238832E+16
v=v_elettrone : = 19599265.939202
x0= : 8.5483712450507E-13
y0= : -5.9580322992153E-13
*****
i=40446
k(40446)=0.99864939803242
kQ(40446)=0.99730062019051
r1= : 1.0383332915238E-12
rpunto1 : = -15575860.073837
rduepunti0 : = -9.6975097688694E+25
fil : = 489.48245032242
fipunto1 : = 1.1536055667731E+19
fi_gradi : = 28045.278549197
t1 : = 1.0810187111841E-14
tpunto1 : = 1.004593770808
tduepunti0 : = 8.1782152046903E+16
v=v_elettrone : = 19620927.15783
x0= : 8.5413897199775E-13
y0= : -5.9361324451481E-13
*****
i=40447
k(40447)=0.99864742149867
kQ(40447)=0.99729667246594
r1= : 1.0365065750068E-12
rpunto1 : = -15587245.418807
rduepunti0 : = -9.7079398197698E+25
fil : = 489.48380325596
fipunto1 : = 1.1576645916741E+19
fi_gradi : = 28045.356066578
t1 : = 1.0810187229659E-14
tpunto1 : = 1.0046034030627
tduepunti0 : = 8.2131327436459E+16
v=v_elettrone : = 19642656.227861
x0= : 8.5343816746393E-13
y0= : -5.9142143907912E-13
*****
i=40448
k(40448)=0.99864544140327
kQ(40448)=0.99729271763553
r1= : 1.0346785232314E-12
rpunto1 : = -15598642.924662
rduepunti0 : = -9.718309039603E+25
fil : = 489.48516094986
fipunto1 : = 1.1617480598606E+19
fi_gradi : = 28045.433856709
t1 : = 1.0810187347477E-14
tpunto1 : = 1.004613076531
tduepunti0 : = 8.2482742955503E+16
v=v_elettrone : = 19664453.50847
x0= : 8.5273469905677E-13
y0= : -5.8922781083117E-13
```



```

*****
i=40449
k(40449)=0.99864345775428
kQ(40449)=0.99728875571542
r1= : 1.0328491347715E-12
rpunto1 : = -15610052.518315
rduepunti0 : = -9.7286159394334E+25
fil : = 489.48652343281
fipunto1 : = 1.1658561735333E+19
fi_gradi : = 28045.511921231
t1 : = 1.0810187465297E-14
tpunto1 : = 1.0046227914778
tduepunti0 : = 8.2836417338344E+16
v=v_elettrone : = 19686319.361331
x0= : 8.520285548514E-13
y0= : -5.8703235699086E-13
*****
i=40450
k(40450)=0.9986414705601
kQ(40450)=0.99728478672243
r1= : 1.0310184082093E-12
rpunto1 : = -15621474.124901
rduepunti0 : = -9.7388590045513E+25
fil : = 489.48789073369
fipunto1 : = 1.1699891369889E+19
fi_gradi : = 28045.590261802
t1 : = 1.0810187583118E-14
tpunto1 : = 1.0046325481702
tduepunti0 : = 8.3192369507717E+16
v=v_elettrone : = 19708254.151693
x0= : 8.5131972284422E-13
y0= : -5.8483507478148E-13
*****
i=40451
k(40451)=0.99863947982947
kQ(40451)=0.99728081067408
r1= : 1.029186342136E-12
rpunto1 : = -15632907.667748
rduepunti0 : = -9.7490366940211E+25
fil : = 489.48926288167
fipunto1 : = 1.1741471566458E+19
fi_gradi : = 28045.668880089
t1 : = 1.081018770094E-14
tpunto1 : = 1.0046423468776
tduepunti0 : = 8.3550618576933E+16
v=v_elettrone : = 19730258.246417
x0= : 8.5060819095235E-13
y0= : -5.8263596142979E-13
*****
i=40452
k(40452)=0.9986374855715
kQ(40452)=0.99727682758857
r1= : 1.0273529351518E-12
rpunto1 : = -15644353.068347
rduepunti0 : = -9.759147440222E+25
fil : = 489.49063990611
fipunto1 : = 1.1783304410704E+19
fi_gradi : = 28045.747777778
t1 : = 1.0810187818763E-14
tpunto1 : = 1.0046521878716
tduepunti0 : = 8.3911183852045E+16
v=v_elettrone : = 19752332.015053
x0= : 8.4989394701286E-13
y0= : -5.8043501416629E-13

```

```
*****
i=40453
k(40453)=0.99863548779565
kQ(40453)=0.99727283748486
r1= : 1.0255181858659E-12
rpunto1 : = -15655810.246315
rduepunti0 : = -9.7691896483794E+25
fil : = 489.49202183665
fipunto1 : = 1.1825392010035E+19
fi_gradi : = 28045.826956566
t1 : = 1.0810187936587E-14
tpunto1 : = 1.0046620714261
tduepunti0 : = 8.4274084834053E+16
v=v_elettrone : = 19774475.830307
x0= : 8.4917697878205E-13
y0= : -5.782322302255E-13
*****
i=40454
k(40454)=0.99863348651176
kQ(40454)=0.99726884038263
r1= : 1.0236820928972E-12
rpunto1 : = -15667279.119371
rduepunti0 : = -9.7791616960878E+25
fil : = 489.49340870318
fipunto1 : = 1.186773649387E+19
fi_gradi : = 28045.906418164
t1 : = 1.0810188054413E-14
tpunto1 : = 1.0046719978175
tduepunti0 : = 8.4639341221126E+16
v=v_elettrone : = 19796690.067292
x0= : 8.4845727393483E-13
y0= : -5.7602760684602E-13
*****
i=40455
k(40455)=0.99863148173002
kQ(40455)=0.9972648363023
r1= : 1.021844654874E-12
rpunto1 : = -15678759.603295
rduepunti0 : = -9.7890619328249E+25
fil : = 489.49480053581
fipunto1 : = 1.1910340013916E+19
fi_gradi : = 28045.9861643
t1 : = 1.0810188172239E-14
tpunto1 : = 1.0046819673242
tduepunti0 : = 8.5006972910857E+16
v=v_elettrone : = 19818975.10368
x0= : 8.4773482006402E-13
y0= : -5.7382114127082E-13
*****
i=40456
k(40456)=0.99862947346104
kQ(40456)=0.99726082526507
r1= : 1.0200058704346E-12
rpunto1 : = -15690251.6119
rduepunti0 : = -9.7988886794561E+25
fil : = 489.49619736492
fipunto1 : = 1.1953204744441E+19
fi_gradi : = 28046.066196713
t1 : = 1.0810188290067E-14
tpunto1 : = 1.0046919802272
tduepunti0 : = 8.5377000002538E+16
v=v_elettrone : = 19841331.319869
x0= : 8.4700960467955E-13
y0= : -5.7161283074745E-13
```

```
*****
i=40457
k(40457)=0.99862746171578
kQ(40457)=0.99725680729291
r1= : 1.0181657382276E-12
rpunto1: = -15701755.056992
rduepunti0 : = -9.8086402277304E+25
fil : = 489.49759922115
fipunto1 : = 1.1996332882555E+19
fi_gradi : = 28046.146517158
t1 : = 1.0810188407896E-14
tpunto1 : = 1.0047020368098
tduepunti0 : = 8.5749442799475E+16
v=v_elettrone : = 19863759.09942
x0= : 8.4628161520784E-13
y0= : -5.6940267252827E-13
*****
i=40458
k(40458)=0.99862544650564
kQ(40458)=0.99725278240859
r1= : 1.0163242569115E-12
rpunto1: = -15713269.848344
rduepunti0 : = -9.8183148397662E+25
fil : = 489.4990061354
fipunto1 : = 1.2039726648492E+19
fi_gradi : = 28046.227127407
t1 : = 1.0810188525726E-14
tpunto1 : = 1.0047121373577
tduepunti0 : = 8.6124321811314E+16
v=v_elettrone : = 19886258.828329
x0= : 8.4555083899106E-13
y0= : -5.6719066387061E-13
*****
i=40459
k(40459)=0.99862342784239
kQ(40459)=0.99724875063569
r1= : 1.0144814251557E-12
rpunto1: = -15724795.89365
rduepunti0 : = -9.8279107475278E+25
fil : = 489.50041813881
fipunto1 : = 1.2083388285903E+19
fi_gradi : = 28046.308029243
t1 : = 1.0810188643558E-14
tpunto1 : = 1.0047222821591
tduepunti0 : = 8.6501657756411E+16
v=v_elettrone : = 19908830.895144
x0= : 8.4481726328636E-13
y0= : -5.6497680203701E-13
*****
i=40460
k(40460)=0.99862140573824
kQ(40460)=0.99724471199861
r1= : 1.0126372416404E-12
rpunto1: = -15736333.098499
rduepunti0 : = -9.8374261522917E+25
fil : = 489.5018352628
fipunto1 : = 1.2127320062145E+19
fi_gradi : = 28046.389224466
t1 : = 1.081018876139E-14
tpunto1 : = 1.0047324715046
tduepunti0 : = 8.6881471564222E+16
v=v_elettrone : = 19931475.691438
x0= : 8.4408087526514E-13
y0= : -5.6276108429556E-13
```

```
*****
i=40461
k(40461)=0.99861938020579
kQ(40461)=0.9972406665226
r1= : 1.0107917050567E-12
rpunto1 : = -15747881.366331
rduepunti0 : = -9.8468592241031E+25
fil : = 489.50325753905
fipunto1 : = 1.2171524268579E+19
fi_gradi : = 28046.470714893
t1 : = 1.0810188879224E-14
tpunto1 : = 1.0047427056872
tduepunti0 : = 8.7263784377722E+16
v=v_elettrone : = 19954193.611639
x0= : 8.4334166201233E-13
y0= : -5.6054350792001E-13
*****
i=40462
k(40462)=0.9986173512581
kQ(40462)=0.99723661423374
r1= : 1.0089448141073E-12
rpunto1 : = -15759440.598405
rduepunti0 : = -9.8562081012219E+25
fil : = 489.50468499951
fipunto1 : = 1.2216003220869E+19
fi_gradi : = 28046.552502353
t1 : = 1.0810188997059E-14
tpunto1 : = 1.0047529850025
tduepunti0 : = 8.7648617555855E+16
v=v_elettrone : = 19976985.053477
x0= : 8.4259961052558E-13
y0= : -5.583240701901E-13
*****
i=40463
k(40463)=0.99861531890865
kQ(40463)=0.99723255515902
r1= : 1.0070965675063E-12
rpunto1 : = -15771010.693755
rduepunti0 : = -9.8654708895585E+25
fil : = 489.50611767641
fipunto1 : = 1.2260759259287E+19
fi_gradi : = 28046.634588692
t1 : = 1.0810189114895E-14
tpunto1 : = 1.0047633097487
tduepunti0 : = 8.8035992676015E+16
v=v_elettrone : = 19999850.416613
x0= : 8.4185470771462E-13
y0= : -5.5610276839164E-13
*****
i=40464
k(40464)=0.99861328317137
kQ(40464)=0.9972284893263
r1= : 1.0052469639796E-12
rpunto1 : = -15782591.549158
rduepunti0 : = -9.8746456620984E+25
fil : = 489.50755560223
fipunto1 : = 1.2305794749025E+19
fi_gradi : = 28046.716975773
t1 : = 1.0810189232732E-14
tpunto1 : = 1.0047736802264
tduepunti0 : = 8.8425931536553E+16
v=v_elettrone : = 20022790.104286
x0= : 8.4110694040032E-13
y0= : -5.53879599817E-13
```

```
*****
i=40465
k(40465)=0.99861124406064
kQ(40465)=0.99722441676434
r1= : 1.0033960022654E-12
rpunto1 : = -15794183.059092
rduepunti0 : = -9.8837304583166E+25
fil : = 489.50899880976
fipunto1 : = 1.2351112080508E+19
fi_gradi : = 28046.799665474
t1 : = 1.0810189350571E-14
tpunto1 : = 1.0047840967389
tduepunti0 : = 8.8818456159318E+16
v=v_elettrone : = 20045804.522239
x0= : 8.4035629531404E-13
y0= : -5.5165456176519E-13
*****
i=40466
k(40466)=0.99860920159132
kQ(40466)=0.99722033750285
r1= : 1.001543681114E-12
rpunto1 : = -15805785.115694
rduepunti0 : = -9.89272328358E+25
fil : = 489.51044733205
fipunto1 : = 1.2396713669708E+19
fi_gradi : = 28046.882659687
t1 : = 1.0810189468411E-14
tpunto1 : = 1.004794559592
tduepunti0 : = 8.9213588792223E+16
v=v_elettrone : = 20068894.080052
x0= : 8.3960275909677E-13
y0= : -5.4942765154223E-13
*****
i=40467
k(40467)=0.99860715577871
kQ(40467)=0.99721625157244
r1= : 9.9968999928851E-13
rpunto1 : = -15817397.608722
rduepunti0 : = -9.9016221085391E+25
fil : = 489.51190120243
fipunto1 : = 1.2442601958473E+19
fi_gradi : = 28046.965960324
t1 : = 1.0810189586252E-14
tpunto1 : = 1.0048050690943
tduepunti0 : = 8.9611351911849E+16
v=v_elettrone : = 20092059.188875
x0= : 8.3884631829843E-13
y0= : -5.4719886646124E-13
*****
i=40468
k(40468)=0.99860510663862
kQ(40468)=0.99721215900473
r1= : 9.9783495556505E-13
rpunto1 : = -15829020.425511
rduepunti0 : = -9.9104248685077E+25
fil : = 489.51336045453
fipunto1 : = 1.248877941485E+19
fi_gradi : = 28047.049569311
t1 : = 1.0810189704094E-14
tpunto1 : = 1.0048156255568
tduepunti0 : = 9.0011768226074E+16
v=v_elettrone : = 20115300.26425
x0= : 8.3808695937691E-13
y0= : -5.4496820384296E-13
```

```
*****
i=40469
k(40469)=0.99860305418734
kQ(40469)=0.99720805983228
r1= : 9.9597854873282E-13
rpunto1: = -15840653.450935
rduepunti0 : = -9.9191294628312E+25
fil : = 489.51482512226
fipunto1 : = 1.2535248533421E+19
fi_gradi : = 28047.13348859
t1 : = 1.0810189821937E-14
tpunto1 : = 1.0048262292936
tduepunti0 : = 9.0414860676736E+16
v=v_elettrone : = 20138617.723832
x0= : 8.3732466869742E-13
y0= : -5.427356610158E-13
*****
i=40470
k(40470)=0.99860099844165
kQ(40470)=0.99720395408865
r1= : 9.9412077759458E-13
rpunto1: = -15852296.56736
rduepunti0 : = -9.9277337542421E+25
fil : = 489.51629523983
fipunto1 : = 1.2582011835634E+19
fi_gradi : = 28047.217720122
t1 : = 1.0810189939782E-14
tpunto1 : = 1.004836880621
tduepunti0 : = 9.0820652442328E+16
v=v_elettrone : = 20162011.989009
x0= : 8.3655943253157E-13
y0= : -5.4050123531626E-13
*****
i=40471
k(40471)=0.99859893941885
kQ(40471)=0.99719984180844
r1= : 9.9226164096685E-13
rpunto1: = -15863949.6546
rduepunti0 : = -9.9362355682038E+25
fil : = 489.51777084173
fipunto1 : = 1.2629071870151E+19
fi_gradi : = 28047.302265884
t1 : = 1.0810190057628E-14
tpunto1 : = 1.0048475798585
tduepunti0 : = 9.1229166940724E+16
v=v_elettrone : = 20185483.483235
x0= : 8.3579123705661E-13
y0= : -5.3826492408909E-13
*****
i=40472
k(40472)=0.99859687713675
kQ(40472)=0.99719572302727
r1= : 9.9040113768028E-13
rpunto1: = -15875612.589878
rduepunti0 : = -9.9446326922418E+25
fil : = 489.51925196278
fipunto1 : = 1.2676431213193E+19
fi_gradi : = 28047.387127868
t1 : = 1.0810190175475E-14
tpunto1 : = 1.0048583273281
tduepunti0 : = 9.164042783194E+16
v=v_elettrone : = 20209032.634518
x0= : 8.3502006835446E-13
y0= : -5.360267246878E-13
```

```
*****
i=40473
k(40473)=0.9985948116137
kQ(40473)=0.9971915977818
r1= : 9.885392665799E-13
rpunto1 : = -15887285.247775
rduepunti0 : = -9.9529228752613E+25
fil : = 489.52073863807
fipunto1 : = 1.2724092468888E+19
fi_gradi : = 28047.472308088
t1 : = 1.0810190293324E-14
tpunto1 : = 1.0048691233548
tduepunti0 : = 9.205445902092E+16
v=v_elettrone : = 20232659.87256
x0= : 8.3424591241108E-13
y0= : -5.3378663447467E-13
*****
i=40474
k(40474)=0.99859274286857
kQ(40474)=0.99718746610978
r1= : 9.8667602652545E-13
rpunto1 : = -15898967.500184
rduepunti0 : = -9.9611038268527E+25
fil : = 489.52223090301
fipunto1 : = 1.2772058269633E+19
fi_gradi : = 28047.557808571
t1 : = 1.0810190411173E-14
tpunto1 : = 1.0048799682662
tduepunti0 : = 9.2471284660369E+16
v=v_elettrone : = 20256365.631249
x0= : 8.3346875511538E-13
y0= : -5.315446508213E-13
*****
i=40475
k(40475)=0.9985906709208
kQ(40475)=0.99718332805005
r1= : 9.8481141639171E-13
rpunto1 : = -15910659.216269
rduepunti0 : = -9.969173216583E+25
fil : = 489.52372879331
fipunto1 : = 1.2820331276452E+19
fi_gradi : = 28047.643631364
t1 : = 1.0810190529024E-14
tpunto1 : = 1.004890862393
tduepunti0 : = 9.2890929153604E+16
v=v_elettrone : = 20280150.347271
x0= : 8.3268858225853E-13
y0= : -5.2930077110876E-13
*****
i=40476
k(40476)=0.99858859579037
kQ(40476)=0.99717918364258
r1= : 9.8294543506878E-13
rpunto1 : = -15922360.262409
rduepunti0 : = -9.9771286732741E+25
fil : = 489.52523234501
fipunto1 : = 1.2868914179366E+19
fi_gradi : = 28047.72977853
t1 : = 1.0810190646877E-14
tpunto1 : = 1.0049018060687
tduepunti0 : = 9.331341715745E+16
v=v_elettrone : = 20304014.460513
x0= : 8.3190537953301E-13
y0= : -5.2705499272797E-13
```

```
*****
i=40477
k(40477)=0.99858651749784
kQ(40477)=0.99717503292846
r1= : 9.8107808146244E-13
rpunto1: = -15934070.502156
rduepunti0 : = -9.9849677842663E+25
fil : = 489.52674159445
fipunto1 : = 1.2917809697764E+19
fi_gradi : = 28047.816252153
t1 : = 1.081019076473E-14
tpunto1 : = 1.0049127996295
tduerpunti0 : = 9.3738773585164E+16
v=v_elettrone : = 20327958.414167
x0= : 8.3111913253171E-13
y0= : -5.2480731308004E-13
*****
i=40478
k(40478)=0.99858443606434
kQ(40478)=0.99717087594993
r1= : 9.792093544945E-13
rpunto1: = -15945789.796182
rduepunti0 : = -9.9926880946686E+25
fil : = 489.52825657829
fipunto1 : = 1.2967020580782E+19
fi_gradi : = 28047.903054334
t1 : = 1.0810190882585E-14
tpunto1 : = 1.004923843415
tduerpunti0 : = 9.4167023609398E+16
v=v_elettrone : = 20351982.654819
x0= : 8.3032982674709E-13
y0= : -5.2255772957653E-13
*****
i=40479
k(40479)=0.9985823515116
kQ(40479)=0.99716671275043
r1= : 9.7733925310306E-13
rpunto1: = -15957518.00223
rduepunti0 : = -1.0000287106594E+26
fil : = 489.52977733352
fipunto1 : = 1.3016549607684E+19
fi_gradi : = 28047.99018719
t1 : = 1.0810191000441E-14
tpunto1 : = 1.0049349377675
tduerpunti0 : = 9.459819266519E+16
v=v_elettrone : = 20376087.631959
x0= : 8.2953744757026E-13
y0= : -5.2030623963983E-13
*****
i=40480
k(40480)=0.99858026386195
kQ(40480)=0.9971625433746
r1= : 9.7546777624294E-13
rpunto1: = -15969254.975062
rduepunti0 : = -1.0007762278379E+26
fil : = 489.53130389745
fipunto1 : = 1.3066399588255E+19
fi_gradi : = 28048.07765286
t1 : = 1.0810191118299E-14
tpunto1 : = 1.0049460830322
tduerpunti0 : = 9.5032306452999E+16
v=v_elettrone : = 20400273.799246
x0= : 8.2874198029004E-13
y0= : -5.1805284070353E-13
```



```
*****
i=40481
k(40481)=0.99857817313834
kQ(40481)=0.9971583678683
r1= : 9.7359492288598E-13
rpunto1:= -15981000.566406
rduepunti0 : = -1.001511102379E+26
fil : = 489.53283630772
fipunto1 : = 1.3116573363193E+19
fi_gradi : = 28048.165453501
t1 : = 1.0810191236157E-14
tpunto1 : = 1.0049572795576
tduepunti0 : = 9.5469390941767E+16
v=v_elettrone : = 20424541.612535
x0= : 8.2794341009208E-13
y0= : -5.1579753021262E-13
*****
i=40482
k(40482)=0.99857607936433
kQ(40482)=0.99715418627863
r1= : 9.7172069202142E-13
rpunto1:= -15992754.624906
rduepunti0 : = -1.0022330711214E+26
fil : = 489.53437460231
fipunto1 : = 1.316707380451E+19
fi_gradi : = 28048.253591289
t1 : = 1.0810191354017E-14
tpunto1 : = 1.0049685276952
tduepunti0 : = 9.5909472372023E+16
v=v_elettrone : = 20448891.53202
x0= : 8.2714172205789E-13
y0= : -5.1354030562408E-13
*****
i=40483
k(40483)=0.99857398256412
kQ(40483)=0.99714999865397
r1= : 9.6984508265624E-13
rpunto1:= -16004516.996062
rduepunti0 : = -1.0029418662829E+26
fil : = 489.53591881952
fipunto1 : = 1.3217903815937E+19
fi_gradi : = 28048.342068417
t1 : = 1.0810191471879E-14
tpunto1 : = 1.0049798277996
tduepunti0 : = 9.6352577259021E+16
v=v_elettrone : = 20473324.020849
x0= : 8.2633690116392E-13
y0= : -5.1128116440702E-13
*****
i=40484
k(40484)=0.99857188276258
kQ(40484)=0.997145805044
r1= : 9.6796809381554E-13
rpunto1:= -16016287.522182
rduepunti0 : = -1.0036372153768E+26
fil : = 489.53746899801
fipunto1 : = 1.326906633334E+19
fi_gradi : = 28048.430887102
t1 : = 1.0810191589742E-14
tpunto1 : = 1.0049911802284
tduepunti0 : = 9.6798732395911E+16
v=v_elettrone : = 20497839.546074
x0= : 8.255289322806E-13
y0= : -5.0902010404319E-13
```

```
*****
i=40485
k(40485)=0.99856977998522
kQ(40485)=0.99714160549972
r1= : 9.6608972454291E-13
rpunto1 : = -16028066.04232
rduepunti0 : = -1.0043188411253E+26
fil : = 489.53902517677
fipunto1 : = 1.3320564325136E+19
fi_gradi : = 28048.520049577
t1 : = 1.0810191707606E-14
tpunto1 : = 1.0050025853427
tduepunti0 : = 9.7247964856951E+16
v=v_elettrone : = 20522438.577557
x0= : 8.247178001714E-13
y0= : -5.0675712202723E-13
*****
i=40486
k(40486)=0.99856767425822
kQ(40486)=0.99713740007347
r1= : 9.6420997390083E-13
rpunto1 : = -16039852.39222
rduepunti0 : = -1.0049864613728E+26
fil : = 489.54058739515
fipunto1 : = 1.3372400792717E+19
fi_gradi : = 28048.609558097
t1 : = 1.0810191825471E-14
tpunto1 : = 1.0050140435064
tduepunti0 : = 9.7700302000757E+16
v=v_elettrone : = 20547121.58921
x0= : 8.2390348949183E-13
y0= : -5.0449221586717E-13
*****
i=40487
k(40487)=0.99856556560847
kQ(40487)=0.99713318881897
r1= : 9.6232884097104E-13
rpunto1 : = -16051646.404262
rduepunti0 : = -1.0056397889959E+26
fil : = 489.54215569284
fipunto1 : = 1.342457877088E+19
fi_gradi : = 28048.699414936
t1 : = 1.0810191943338E-14
tpunto1 : = 1.005025555087
tduepunti0 : = 9.8155771473586E+16
v=v_elettrone : = 20571889.058484
x0= : 8.2308598478847E-13
y0= : -5.0222538308476E-13
*****
i=40488
k(40488)=0.99856345406354
kQ(40488)=0.99712897179131
r1= : 9.6044632485492E-13
rpunto1 : = -16063447.907396
rduepunti0 : = -1.0062785318129E+26
fil : = 489.5437301099
fipunto1 : = 1.3477101328268E+19
fi_gradi : = 28048.789622389
t1 : = 1.0810192061206E-14
tpunto1 : = 1.0050371204552
tduepunti0 : = 9.861440121266E+16
v=v_elettrone : = 20596741.465832
x0= : 8.2226527049799E-13
y0= : -4.999566212158E-13
```

```
*****
i=40489
k(40489)=0.99856133965172
kQ(40489)=0.99712474904705
r1= : 9.5856242467394E-13
rpunto1 : = -16075256.727086
rduepunti0 : = -1.006902392491E+26
fil : = 489.54531068673
fipunto1 : = 1.3529971567811E+19
fi_gradi : = 28048.88018277
t1 : = 1.0810192179075E-14
tpunto1 : = 1.0050487399847
tduepunti0 : = 9.9076219449527E+16
v=v_elettrone : = 20621679.296246
x0= : 8.214413309461E-13
y0= : -4.9768592781074E-13
*****
i=40490
k(40490)=0.99855922240203
kQ(40490)=0.99712052064415
r1= : 9.5667713957002E-13
rpunto1 : = -16087072.685249
rduepunti0 : = -1.0075110684514E+26
fil : = 489.54689746412
fipunto1 : = 1.3583192627174E+19
fi_gradi : = 28048.971098418
t1 : = 1.0810192296946E-14
tpunto1 : = 1.005060414053
tduepunti0 : = 9.9541254713458E+16
v=v_elettrone : = 20646703.037256
x0= : 8.206141503466E-13
y0= : -4.9541330043482E-13
*****
i=40491
k(40491)=0.99855710234422
kQ(40491)=0.99711628664209
r1= : 9.5479046870596E-13
rpunto1 : = -16098895.600188
rduepunti0 : = -1.0081042517731E+26
fil : = 489.5484904832
fipunto1 : = 1.3636767679217E+19
fi_gradi : = 28049.062371688
t1 : = 1.0810192414818E-14
tpunto1 : = 1.0050721430407
tduepunti0 : = 1.0000953583489E+17
v=v_elettrone : = 20671813.18075
x0= : 8.1978371280028E-13
y0= : -4.9313873666876E-13
*****
i=40492
k(40492)=0.9985549795088
kQ(40492)=0.99711204710183
r1= : 9.5290241126589E-13
rpunto1 : = -16110725.286532
rduepunti0 : = -1.0086816290945E+26
fil : = 489.55008978549
fipunto1 : = 1.3690699932459E+19
fi_gradi : = 28049.154004959
t1 : = 1.0810192532692E-14
tpunto1 : = 1.0050839273319
tduepunti0 : = 1.004810919489E+17
v=v_elettrone : = 20697010.222418
x0= : 8.1895000229394E-13
y0= : -4.9086223410903E-13
```

```
*****
i=40493
k(40493)=0.99855285392706
kQ(40493)=0.99710780208587
r1= : 9.5101296645566E-13
rpunto1 : = -16122561.555172
rduepunti0 : = -1.0092428815131E+26
fil : = 489.55169541289
fipunto1 : = 1.3744992631543E+19
fi_gradi : = 28049.246000633
t1 : = 1.0810192650567E-14
tpunto1 : = 1.005095767314
tduepunti0 : = 1.0095595249872E+17
v=v_elettrone : = 20722294.661519
x0= : 8.1811300269933E-13
y0= : -4.8858379036827E-13
*****
i=40494
k(40494)=0.99855072563104
kQ(40494)=0.99710355165827
r1= : 9.4912213350331E-13
rpunto1 : = -16134404.21319
rduepunti0 : = -1.0097876844831E+26
fil : = 489.55330740767
fipunto1 : = 1.3799649057721E+19
fi_gradi : = 28049.33836113
t1 : = 1.0810192768443E-14
tpunto1 : = 1.0051076633783
tduepunti0 : = 1.0143414723929E+17
v=v_elettrone : = 20747667.000636
x0= : 8.172726977721E-13
y0= : -4.8630340307579E-13
*****
i=40495
k(40495)=0.99854859465361
kQ(40495)=0.99709929588469
r1= : 9.472299116595E-13
rpunto1 : = -16146253.063795
rduepunti0 : = -1.0103157077114E+26
fil : = 489.55492581248
fipunto1 : = 1.3854672529331E+19
fi_gradi : = 28049.431088895
t1 : = 1.0810192886321E-14
tpunto1 : = 1.0051196159192
tduepunti0 : = 1.0191570624087E+17
v=v_elettrone : = 20773127.746859
x0= : 8.1642907115069E-13
y0= : -4.8402106987805E-13
*****
i=40496
k(40496)=0.99854646102844
kQ(40496)=0.99709503483241
r1= : 9.4533630019797E-13
rpunto1 : = -16158107.906255
rduepunti0 : = -1.0108266150506E+26
fil : = 489.55655067037
fipunto1 : = 1.3910066402295E+19
fi_gradi : = 28049.524186395
t1 : = 1.08101930042E-14
tpunto1 : = 1.0051316253347
tduepunti0 : = 1.0240065989266E+17
v=v_elettrone : = 20798677.410672
x0= : 8.1558210635528E-13
y0= : -4.8173678843902E-13
```

```
*****
i=40497
k(40497)=0.99854432479002
kQ(40497)=0.99709076857037
r1= : 9.4344129841601E-13
rpunto1: = -16169968.535824
rduepunti0 : = -1.0113200643913E+26
fil : = 489.55818202478
fipunto1 : = 1.3965834070614E+19
fi_gradi : = 28049.617656117
t1 : = 1.081019312208E-14
tpunto1 : = 1.0051436920268
tduepunti0 : = 1.0288903890647E+17
v=v_elettrone : = 20824316.506552
x0= : 8.1473178678669E-13
y0= : -4.7945055644077E-13
*****
i=40498
k(40498)=0.99854218597372
kQ(40498)=0.99708649716917
r1= : 9.4154490563492E-13
rpunto1: = -16181834.743674
rduepunti0 : = -1.011795707551E+26
fil : = 489.55981991955
fipunto1 : = 1.4021978966874E+19
fi_gradi : = 28049.711500575
t1 : = 1.0810193239962E-14
tpunto1 : = 1.0051558164006
tduepunti0 : = 1.0338087432046E+17
v=v_elettrone : = 20850045.552716
x0= : 8.1387809572527E-13
y0= : -4.7716237158383E-13
*****
i=40499
k(40499)=0.99854004461571
kQ(40499)=0.99708222070114
r1= : 9.3964712120047E-13
rpunto1: = -16193706.316821
rduepunti0 : = -1.0122531901611E+26
fil : = 489.56146439892
fipunto1 : = 1.4078504562763E+19
fi_gradi : = 28049.805722302
t1 : = 1.0810193357846E-14
tpunto1 : = 1.0051679988653
tduepunti0 : = 1.0387619750288E+17
v=v_elettrone : = 20875865.071705
x0= : 8.1302101632978E-13
y0= : -4.7487223158779E-13
*****
i=40500
k(40500)=0.99853790075309
kQ(40500)=0.99707793924038
r1= : 9.3774794448344E-13
rpunto1: = -16205583.038049
rduepunti0 : = -1.0126921515524E+26
fil : = 489.56311550754
fipunto1 : = 1.4135414369589E+19
fi_gradi : = 28049.900323858
t1 : = 1.0810193475731E-14
tpunto1 : = 1.0051802398337
tduepunti0 : = 1.0437504015589E+17
v=v_elettrone : = 20901775.589263
x0= : 8.1216053163626E-13
y0= : -4.725801341917E-13
```

```
*****
i=40501
k(40501)=0.99853575442381
kQ(40501)=0.99707365286274
r1= : 9.3584737488006E-13
rpunto1: = -16217464.685839
rduepunti0 : = -1.0131122246371E+26
fil : = 489.56477329047
fipunto1 : = 1.4192711938814E+19
fi_gradi : = 28049.995307823
t1 : = 1.0810193593617E-14
tpunto1 : = 1.0051925397221
tduepunti0 : = 1.0487743431935E+17
v=v_elettrone : = 20927777.636063
x0= : 8.1129662455686E-13
y0= : -4.7028607715469E-13
*****
i=40502
k(40502)=0.99853360566678
kQ(40502)=0.99706936164589
r1= : 9.3394541181255E-13
rpunto1: = -16229351.03429
rduepunti0 : = -1.0135130357894E+26
fil : = 489.56643779318
fipunto1 : = 1.4250400862585E+19
fi_gradi : = 28050.090676803
t1 : = 1.0810193711504E-14
tpunto1 : = 1.005204898951
tduepunti0 : = 1.0538341237479E+17
v=v_elettrone : = 20953871.746572
x0= : 8.1042927787877E-13
y0= : -4.6799005825636E-13
*****
i=40503
k(40503)=0.99853145452178
kQ(40503)=0.99706506566937
r1= : 9.3204205472962E-13
rpunto1: = -16241241.853041
rduepunti0 : = -1.0138942047233E+26
fil : = 489.56810906157
fipunto1 : = 1.4308484774285E+19
fi_gradi : = 28050.186433429
t1 : = 1.0810193829394E-14
tpunto1 : = 1.0052173179445
tduepunti0 : = 1.0589300704923E+17
v=v_elettrone : = 20980058.458484
x0= : 8.0955847426296E-13
y0= : -4.6569207529733E-13
*****
i=40504
k(40504)=0.99852930102956
kQ(40504)=0.99706076501459
r1= : 9.3013730310701E-13
rpunto1: = -16253136.90719
rduepunti0 : = -1.0142553443679E+26
fil : = 489.56978714197
fipunto1 : = 1.4366967349084E+19
fi_gradi : = 28050.282580353
t1 : = 1.0810193947284E-14
tpunto1 : = 1.0052297971307
tduepunti0 : = 1.0640625141925E+17
v=v_elettrone : = 21006338.314718
x0= : 8.0868419624302E-13
y0= : -4.6339212609992E-13
```

```
*****
i=40505
k(40505)=0.99852714523185
kQ(40505)=0.99705645976487
r1= : 9.28231156448E-13
rpunto1: = -16265035.957217
rduepunti0 : = -1.0145960607407E+26
fil : = 489.57147208113
fipunto1 : = 1.4425852304501E+19
fi_gradi : = 28050.379120255
t1 : = 1.0810194065176E-14
tpunto1 : = 1.0052423369414
tduepunti0 : = 1.0692317891491E+17
v=v_elettrone : = 21032711.861701
x0= : 8.0780642622399E-13
y0= : -4.610902085085E-13
*****
i=40506
k(40506)=0.99852498717133
kQ(40506)=0.99705215000551
r1= : 9.2632361428394E-13
rpunto1: = -16276938.758895
rduepunti0 : = -1.0149159528173E+26
fil : = 489.57316392624
fipunto1 : = 1.4485143400975E+19
fi_gradi : = 28050.47605584
t1 : = 1.081019418307E-14
tpunto1 : = 1.0052549378126
tduepunti0 : = 1.0744382332387E+17
v=v_elettrone : = 21059179.650501
x0= : 8.0692514648116E-13
y0= : -4.5878632039017E-13
*****
i=40507
k(40507)=0.99852282689169
kQ(40507)=0.99704783582378
r1= : 9.2441467617486E-13
rpunto1: = -16288845.063215
rduepunti0 : = -1.0152146124E+26
fil : = 489.57486272493
fipunto1 : = 1.4544844442441E+19
fi_gradi : = 28050.573389835
t1 : = 1.0810194300965E-14
tpunto1 : = 1.0052676001842
tduepunti0 : = 1.0796821879544E+17
v=v_elettrone : = 21085742.235383
x0= : 8.0604033915881E-13
y0= : -4.5648045963525E-13
*****
i=40508
k(40508)=0.99852066443764
kQ(40508)=0.99704351730899
r1= : 9.2250434170996E-13
rpunto1: = -16300754.61629
rduepunti0 : = -1.0154916239823E+26
fil : = 489.57656852528
fipunto1 : = 1.4604959276922E+19
fi_gradi : = 28050.671124996
t1 : = 1.0810194418861E-14
tpunto1 : = 1.0052803245002
tduepunti0 : = 1.0849639984475E+17
v=v_elettrone : = 21112400.176362
x0= : 8.0515198626898E-13
y0= : -4.5417262415803E-13
```

```
*****
i=40509
k(40509)=0.99851849985492
kQ(40509)=0.99703919455252
r1= : 9.2059261050824E-13
rpunto1:= -16312667.159275
rduepunti0 : = -1.0157465646112E+26
fil : = 489.57828137582
fipunto1 : = 1.4665491797121E+19
fi_gradi : = 28050.769264103
t1 : = 1.0810194536759E-14
tpunto1 : = 1.0052931112087
tduepunti0 : = 1.090284013569E+17
v=v_elettrone : = 21139154.036605
x0= : 8.0426006969027E-13
y0= : -4.5186281189707E-13
*****
i=40510
k(40510)=0.99851633319033
kQ(40510)=0.99703486764787
r1= : 9.1867948221905E-13
rpunto1:= -16324582.428276
rduepunti0 : = -1.0159790037474E+26
fil : = 489.58000132553
fipunto1 : = 1.4726445941032E+19
fi_gradi : = 28050.867809962
t1 : = 1.0810194654659E-14
tpunto1 : = 1.0053059607617
tduepunti0 : = 1.095642585912E+17
v=v_elettrone : = 21166004.383841
x0= : 8.0336457116655E-13
y0= : -4.4955102081607E-13
*****
i=40511
k(40511)=0.99851416449175
kQ(40511)=0.99703053669066
r1= : 9.1676495652268E-13
rpunto1:= -16336500.154259
rduepunti0 : = -1.0161885031216E+26
fil : = 489.58172842387
fipunto1 : = 1.4787825692547E+19
fi_gradi : = 28050.966765408
t1 : = 1.0810194772559E-14
tpunto1 : = 1.0053188736158
tduepunti0 : = 1.1010400718546E+17
v=v_elettrone : = 21192951.790309
x0= : 8.0246547230564E-13
y0= : -4.4723724890437E-13
*****
i=40512
k(40512)=0.99851199380815
kQ(40512)=0.99702620177873
r1= : 9.1484903313097E-13
rpunto1:= -16348420.062956
rduepunti0 : = -1.0163746165884E+26
fil : = 489.58346272075
fipunto1 : = 1.4849635082087E+19
fi_gradi : = 28051.066133299
t1 : = 1.0810194890462E-14
tpunto1 : = 1.0053318502315
tduepunti0 : = 1.1064768316025E+17
v=v_elettrone : = 21219996.83274
x0= : 8.0156275457809E-13
y0= : -4.4492149417758E-13
```



```
*****
i=40513
k(40513)=0.99850982118962
kQ(40513)=0.99702186301212
r1= : 9.1293171178795E-13
rpunto1 : = -16360341.874774
rduepunti0 : = -1.0165368899772E+26
fil : = 489.58520426654
fipunto1 : = 1.4911878187228E+19
fi_gradi : = 28051.165916523
t1 : = 1.0810195008366E-14
tpunto1 : = 1.0053448910737
tduepunti0 : = 1.1119532292332E+17
v=v_elettrone : = 21247140.092292
x0= : 8.0065639931584E-13
y0= : -4.4260375467823E-13
*****
i=40514
k(40514)=0.99850764668737
kQ(40514)=0.99701752049316
r1= : 9.1101299227042E-13
rpunto1 : = -16372265.304697
rduepunti0 : = -1.0166748609405E+26
fil : = 489.58695311213
fipunto1 : = 1.4974559133353E+19
fi_gradi : = 28051.266117995
t1 : = 1.0810195126272E-14
tpunto1 : = 1.0053579966115
tduepunti0 : = 1.1174696327392E+17
v=v_elettrone : = 21274382.153951
x0= : 7.9974638771095E-13
y0= : -4.4028402847636E-13
*****
i=40515
k(40515)=0.99850547035381
kQ(40515)=0.99701317432649
r1= : 9.090928743886E-13
rpunto1 : = -16384190.06219
rduepunti0 : = -1.0167880587978E+26
fil : = 489.58870930886
fipunto1 : = 1.5037682094294E+19
fi_gradi : = 28051.366740655
t1 : = 1.0810195244179E-14
tpunto1 : = 1.0053711673186
tduepunti0 : = 1.1230264140733E+17
v=v_elettrone : = 21301723.608171
x0= : 7.9883270081415E-13
y0= : -4.3796231367034E-13
*****
i=40516
k(40516)=0.9985032922425
kQ(40516)=0.99700882461911
r1= : 9.0717135798681E-13
rpunto1 : = -16396115.851098
rduepunti0 : = -1.0168760043782E+26
fil : = 489.59047290857
fipunto1 : = 1.5101251293005E+19
fi_gradi : = 28051.467787475
t1 : = 1.0810195362087E-14
tpunto1 : = 1.0053844036728
tduepunti0 : = 1.1286239491929E+17
v=v_elettrone : = 21329165.049397
x0= : 7.9791531953362E-13
y0= : -4.3563860838737E-13
```

```
*****
i=40517
k(40517)=0.99850111240821
kQ(40517)=0.99700447148043
r1= : 9.0524844294408E-13
rpunto1: = -16408042.369543
rduepunti0 : = -1.0169382098579E+26
fil : = 489.59224396359
fipunto1 : = 1.5165271002225E+19
fi_gradi : = 28051.569261453
t1 : = 1.0810195479997E-14
tpunto1 : = 1.0053977061566
tduepunti0 : = 1.1342626181052E+17
v=v_elettrone : = 21356707.076852
x0= : 7.9699422463359E-13
y0= : -4.3331291078426E-13
*****
i=40518
k(40518)=0.99849893090693
kQ(40518)=0.99700011502229
r1= : 9.0332412917485E-13
rpunto1: = -16419969.309824
rduepunti0 : = -1.0169741785961E+26
fil : = 489.59402252675
fipunto1 : = 1.5229745545166E+19
fi_gradi : = 28051.671165616
t1 : = 1.0810195597909E-14
tpunto1 : = 1.0054110752568
tduepunti0 : = 1.1399428049136E+17
v=v_elettrone : = 21384350.293904
x0= : 7.9606939673292E-13
y0= : -4.3098521904812E-13
*****
i=40519
k(40519)=0.99849674779593
kQ(40519)=0.99699575535905
r1= : 9.0139841662964E-13
rpunto1: = -16431896.358312
rduepunti0 : = -1.016983404966E+26
fil : = 489.59580865141
fipunto1 : = 1.5294679296207E+19
fi_gradi : = 28051.773503021
t1 : = 1.0810195715822E-14
tpunto1 : = 1.005424511465
tduepunti0 : = 1.1456648978632E+17
v=v_elettrone : = 21412095.309674
x0= : 7.9514081630372E-13
y0= : -4.2865553139712E-13
*****
i=40520
k(40520)=0.99849456313371
kQ(40520)=0.99699139260758
r1= : 8.9947130529578E-13
rpunto1: = -16443823.195337
rduepunti0 : = -1.0169653741837E+26
fil : = 489.59760239141
fipunto1 : = 1.5360076681594E+19
fi_gradi : = 28051.876276752
t1 : = 1.0810195833737E-14
tpunto1 : = 1.0054380152773
tduepunti0 : = 1.1514292893879E+17
v=v_elettrone : = 21439942.736714
x0= : 7.9420846367001E-13
y0= : -4.2632384608106E-13
```

```
*****
i=40521
k(40521)=0.9984923769801
kQ(40521)=0.99698702688738
r1= : 8.9754279519805E-13
rpunto1 : = -16455749.495084
rduepunti0 : = -1.0169195621324E+26
fil : = 489.59940380114
fipunto1 : = 1.5425942180155E+19
fi_gradi : = 28051.979489927
t1 : = 1.0810195951654E-14
tpunto1 : = 1.0054515871943
tduepunti0 : = 1.1572363761571E+17
v=v_elettrone : = 21467893.193442
x0= : 7.9327231900619E-13
y0= : -4.2399016138235E-13
*****
i=40522
k(40522)=0.99849018939624
kQ(40522)=0.99698265832055
r1= : 8.9561288639947E-13
rpunto1 : = -16467674.92548
rduepunti0 : = -1.016845435184E+26
fil : = 489.60121293548
fipunto1 : = 1.5492280324027E+19
fi_gradi : = 28052.083145689
t1 : = 1.0810196069572E-14
tpunto1 : = 1.0054652277215
tduepunti0 : = 1.1630865591237E+17
v=v_elettrone : = 21495947.302084
x0= : 7.923323623357E-13
y0= : -4.2165447561653E-13
*****
i=40523
k(40523)=0.99848800044463
kQ(40523)=0.99697828703191
r1= : 8.93681579002E-13
rpunto1 : = -16479599.148079
rduepunti0 : = -1.0167424500165E+26
fil : = 489.60302984987
fipunto1 : = 1.5559095699393E+19
fi_gradi : = 28052.187247215
t1 : = 1.0810196187491E-14
tpunto1 : = 1.005478937369
tduepunti0 : = 1.1689802435713E+17
v=v_elettrone : = 21524105.690549
x0= : 7.9138857352948E-13
y0= : -4.1931678713327E-13
*****
i=40524
k(40524)=0.99848581018911
kQ(40524)=0.996973913149
r1= : 8.9174887314729E-13
rpunto1 : = -16491521.817948
rduepunti0 : = -1.0166100534274E+26
fil : = 489.60485460029
fipunto1 : = 1.5626392947224E+19
fi_gradi : = 28052.291797713
t1 : = 1.0810196305413E-14
tpunto1 : = 1.0054927166519
tduepunti0 : = 1.1749178391634E+17
v=v_elettrone : = 21552368.990909
x0= : 7.9044093230456E-13
y0= : -4.1697709431695E-13
```

```
*****
i=40525
k(40525)=0.99848361869495
kQ(40525)=0.99696953680216
r1= : 8.8981476901743E-13
rpunto1: = -16503442.583548
rduepunti0 : = -1.0164476821441E+26
fil : = 489.60668724323
fipunto1 : = 1.5694176764046E+19
fi_gradi : = 28052.396800419
t1 : = 1.0810196423336E-14
tpunto1 : = 1.00550656609
tduepunti0 : = 1.1808997599916E+17
v=v_elettrone : = 21580737.840703
x0= : 7.8948941822252E-13
y0= : -4.1463539558764E-13
*****
i=40526
k(40526)=0.99848142602884
kQ(40526)=0.99696515812458
r1= : 8.8787926683575E-13
rpunto1: = -16515361.086614
rduepunti0 : = -1.0162547626297E+26
fil : = 489.60852783578
fipunto1 : = 1.5762451902702E+19
fi_gradi : = 28052.502258603
t1 : = 1.081019654126E-14
tpunto1 : = 1.005520486208
tduepunti0 : = 1.1869264246251E+17
v=v_elettrone : = 21609212.882247
x0= : 7.8853401068804E-13
y0= : -4.1229168940178E-13
*****
i=40527
k(40527)=0.99847923225891
kQ(40527)=0.99696077725234
r1= : 8.8594236686761E-13
rpunto1: = -16527276.96203
rduepunti0 : = -1.0160307108847E+26
fil : = 489.61037643554
fipunto1 : = 1.583122317314E+19
fi_gradi : = 28052.608175568
t1 : = 1.0810196659186E-14
tpunto1 : = 1.0055344775357
tduepunti0 : = 1.1929982561605E+17
v=v_elettrone : = 21637794.762524
x0= : 7.8757468894733E-13
y0= : -4.0994597425309E-13
*****
i=40528
k(40528)=0.99847703745478
kQ(40528)=0.99695639432447
r1= : 8.8400406942118E-13
rpunto1: = -16539189.837707
rduepunti0 : = -1.0157749322452E+26
fil : = 489.61223310071
fipunto1 : = 1.5900495443207E+19
fi_gradi : = 28052.714554646
t1 : = 1.0810196777114E-14
tpunto1 : = 1.0055485406077
tduepunti0 : = 1.1991156822715E+17
v=v_elettrone : = 21666484.133884
x0= : 7.866114320866E-13
y0= : -4.0759824867345E-13
```

```
*****
i=40529
k(40529)=0.99847484168758
kQ(40529)=0.99695200948303
r1= : 8.8206437484824E-13
rpunto1: = -16551099.334455
rduepunti0 : = -1.0154868211768E+26
fil : = 489.61409789004
fipunto1 : = 1.597027363945E+19
fi_gradi : = 28052.821399204
t1 : = 1.0810196895043E-14
tpunto1 : = 1.0055626759639
tduepunti0 : = 1.2052791352598E+17
v=v_elettrone : = 21695281.654192
x0= : 7.8564421903052E-13
y0= : -4.052485112337E-13
*****
i=40530
k(40530)=0.99847264502996
kQ(40530)=0.99694762287312
r1= : 8.801232835451E-13
rpunto1: = -16563005.065852
rduepunti0 : = -1.0151657610633E+26
fil : = 489.61597086286
fipunto1 : = 1.6040562747942E+19
fi_gradi : = 28052.928712642
t1 : = 1.0810197012974E-14
tpunto1 : = 1.0055768841492
tduepunti0 : = 1.2114890521058E+17
v=v_elettrone : = 21724187.985288
x0= : 7.8467302854067E-13
y0= : -4.0289676054449E-13
*****
i=40531
k(40531)=0.99847044755616
kQ(40531)=0.99694323464299
r1= : 8.7818079595333E-13
rpunto1: = -16574906.638112
rduepunti0 : = -1.0148111239926E+26
fil : = 489.6178520791
fipunto1 : = 1.6111367815108E+19
fi_gradi : = 28053.036498393
t1 : = 1.0810197130907E-14
tpunto1 : = 1.0055911657137
tduepunti0 : = 1.2177458745202E+17
v=v_elettrone : = 21753203.795348
x0= : 7.8369783921386E-13
y0= : -4.0054299525734E-13
*****
i=40532
k(40532)=0.99846824934199
kQ(40532)=0.99693884494405
r1= : 8.7623691256071E-13
rpunto1: = -16586803.64995
rduepunti0 : = -1.0144222705367E+26
fil : = 489.61974159926
fipunto1 : = 1.6182693948571E+19
fi_gradi : = 28053.144759924
t1 : = 1.0810197248842E-14
tpunto1 : = 1.0056055212128
tduepunti0 : = 1.2240500489954E+17
v=v_elettrone : = 21782329.757059
x0= : 7.8271862948063E-13
y0= : -3.9818721406542E-13
```

```
*****
i=40533
k(40533)=0.9984660504649
kQ(40533)=0.99693445393098
r1= : 8.742916339021E-13
rpunto1 : = -16598695.692443
rduepunti0 : = -1.0139985495281E+26
fil : = 489.62163948447
fipunto1 : = 1.6254546318006E+19
fi_gradi : = 28053.253500736
t1 : = 1.0810197366778E-14
tpunto1 : = 1.005619951207
tduepunti0 : = 1.2304020268582E+17
v=v_elettrone : = 21811566.548566
x0= : 7.8173537760355E-13
y0= : -3.9582941570451E-13
*****
i=40534
k(40534)=0.998463851004
kQ(40534)=0.99693006176174
r1= : 8.7234496056028E-13
rpunto1 : = -16610582.348892
rduepunti0 : = -1.0135392978309E+26
fil : = 489.62354579642
fipunto1 : = 1.6326930156015E+19
fi_gradi : = 28053.362724365
t1 : = 1.0810197484716E-14
tpunto1 : = 1.0056344562623
tduepunti0 : = 1.2368022643219E+17
v=v_elettrone : = 21840914.853308
x0= : 7.8074806167557E-13
y0= : -3.9346959895402E-13
*****
i=40535
k(40535)=0.99846165104007
kQ(40535)=0.99692566859767
r1= : 8.7039689316692E-13
rpunto1 : = -16622463.194677
rduepunti0 : = -1.0130438401075E+26
fil : = 489.62546059745
fipunto1 : = 1.6399850759007E+19
fi_gradi : = 28053.472434383
t1 : = 1.0810197602655E-14
tpunto1 : = 1.0056490369502
tduepunti0 : = 1.2432512225393E+17
v=v_elettrone : = 21870375.360111
x0= : 7.7975665961842E-13
y0= : -3.9110776263792E-13
*****
i=40536
k(40536)=0.99845945065564
kQ(40536)=0.99692127460356
r1= : 8.684474324035E-13
rpunto1 : = -16634337.797114
rduepunti0 : = -1.0125114885806E+26
fil : = 489.62738395052
fipunto1 : = 1.6473313488095E+19
fi_gradi : = 28053.582634396
t1 : = 1.0810197720596E-14
tpunto1 : = 1.0056636938475
tduepunti0 : = 1.2497493676565E+17
v=v_elettrone : = 21899948.763012
x0= : 7.7876114918086E-13
y0= : -3.8874390562572E-13
```

```
*****
i=40537
k(40537)=0.99845724993495
kQ(40537)=0.99691687994766
r1= : 8.6649657900221E-13
rpunto1: = -16646205.7153
rduepunti0 : = -1.0119415427894E+26
fil : = 489.6293159192
fipunto1 : = 1.6547323770006E+19
fi_gradi : = 28053.693328048
t1 : = 1.0810197838539E-14
tpunto1 : = 1.0056784275366
tduepunti0 : = 1.2562971708661E+17
v=v_elettrone : = 21929635.761619
x0= : 7.77761507937E-13
y0= : -3.8637802683354E-13
*****
i=40538
k(40538)=0.99845504896406
kQ(40538)=0.99691248480182
r1= : 8.6454433374699E-13
rpunto1: = -16658066.49997
rduepunti0 : = -1.0113332893419E+26
fil : = 489.63125656771
fipunto1 : = 1.6621887098009E+19
fi_gradi : = 28053.804519017
t1 : = 1.0810197956484E-14
tpunto1 : = 1.0056932386054
tduepunti0 : = 1.2628951084617E+17
v=v_elettrone : = 21959437.06146
x0= : 7.767577132846E-13
y0= : -3.8401012522511E-13
*****
i=40539
k(40539)=0.99845284783084
kQ(40539)=0.99690808934151
r1= : 8.6259069747444E-13
rpunto1: = -16669919.693334
rduepunti0 : = -1.0106860016609E+26
fil : = 489.63320596091
fipunto1 : = 1.6697009032848E+19
fi_gradi : = 28053.91621102
t1 : = 1.081019807443E-14
tpunto1 : = 1.0057081276475
tduepunti0 : = 1.2695436618922E+17
v=v_elettrone : = 21989353.372413
x0= : 7.7574974244334E-13
y0= : -3.8164019981275E-13
*****
i=40540
k(40540)=0.99845064662501
kQ(40540)=0.99690369374589
r1= : 8.6063567107486E-13
rpunto1: = -16681764.828926
rduepunti0 : = -1.0099989397253E+26
fil : = 489.63516416431
fipunto1 : = 1.6772695203703E+19
fi_gradi : = 28054.02840781
t1 : = 1.0810198192378E-14
tpunto1 : = 1.0057230952624
tduepunti0 : = 1.2762433178167E+17
v=v_elettrone : = 22019385.411231
x0= : 7.7473757245297E-13
y0= : -3.7926824965862E-13
```

```
*****
i=40541
k(40541)=0.99844844543818
kQ(40541)=0.99689929819791
r1= : 8.5867925549326E-13
rpunto1 : = -16693601.431438
rduepunti0 : = -1.0092713498059E+26
fil : = 489.63713124409
fipunto1 : = 1.6848951309149E+19
fi_gradi : = 28054.14111318
t1 : = 1.0810198310328E-14
tpunto1 : = 1.0057381420551
tduepunti0 : = 1.2829945681598E+17
v=v_elettrone : = 22049533.899683
x0= : 7.7372118017166E-13
y0= : -3.7689427387565E-13
*****
i=40542
k(40542)=0.99844624436389
kQ(40542)=0.99689490288435
r1= : 8.5672145173038E-13
rpunto1 : = -16705429.016561
rduepunti0 : = -1.0085024641955E+26
fil : = 489.63910726708
fipunto1 : = 1.6925783118145E+19
fi_gradi : = 28054.254330957
t1 : = 1.081019842828E-14
tpunto1 : = 1.0057532686364
tduepunti0 : = 1.2897979101668E+17
v=v_elettrone : = 22079799.56487
x0= : 7.727005422741E-13
y0= : -3.7451827162872E-13
*****
i=40543
k(40543)=0.99844404349764
kQ(40543)=0.99689050799591
r1= : 8.5476226084377E-13
rpunto1 : = -16717247.090812
rduepunti0 : = -1.0076915009334E+26
fil : = 489.64109230081
fipunto1 : = 1.7003196471031E+19
fi_gradi : = 28054.368065012
t1 : = 1.0810198546233E-14
tpunto1 : = 1.0057684756233
tduepunti0 : = 1.2966538464598E+17
v=v_elettrone : = 22110183.139821
x0= : 7.7167563524974E-13
y0= : -3.7214024213584E-13
*****
i=40544
k(40544)=0.99844184293692
kQ(40544)=0.99688611372728
r1= : 8.5280168394886E-13
rpunto1 : = -16729055.151369
rduepunti0 : = -1.0068376635241E+26
fil : = 489.64308641348
fipunto1 : = 1.7081197280537E+19
fi_gradi : = 28054.482319252
t1 : = 1.0810198664188E-14
tpunto1 : = 1.0057837636385
tduepunti0 : = 1.3035628850941E+17
v=v_elettrone : = 22140685.364052
x0= : 7.7064643540087E-13
y0= : -3.6976018466933E-13
```



```
*****
i=40545
k(40545)=0.99843964278128
kQ(40545)=0.99688172027721
r1= : 8.5083972222003E-13
rpunto1: = -16740852.685896
rduepunti0 : = -1.00594014065E+26
fil : = 489.64508967397
fipunto1 : = 1.7159791532818E+19
fi_gradi : = 28054.597097623
t1 : = 1.0810198782145E-14
tpunto1 : = 1.0057991333108
tduepunti0 : = 1.310525539614E+17
v=v_elettrone : = 22171306.981697
x0= : 7.6961291884088E-13
y0= : -3.6737809855683E-13
*****
i=40546
k(40546)=0.99843744313233
kQ(40546)=0.99687732784862
r1= : 8.4887637689177E-13
rpunto1: = -16752639.172362
rduepunti0 : = -1.0049981058781E+26
fil : = 489.6471021519
fipunto1 : = 1.7238985288493E+19
fi_gradi : = 28054.712404115
t1 : = 1.0810198900104E-14
tpunto1 : = 1.0058145852751
tduepunti0 : = 1.3175423291104E+17
v=v_elettrone : = 22202048.743684
x0= : 7.6857506149228E-13
y0= : -3.6499398318273E-13
*****
i=40547
k(40547)=0.99843524409378
kQ(40547)=0.99687293664862
r1= : 8.4691164925978E-13
rpunto1: = -16764414.078864
rduepunti0 : = -1.0040107173607E+26
fil : = 489.64912391757
fipunto1 : = 1.7318784683707E+19
fi_gradi : = 28054.828242755
t1 : = 1.0810199018065E-14
tpunto1 : = 1.0058301201724
tduepunti0 : = 1.3246137782772E+17
v=v_elettrone : = 22232911.406127
x0= : 7.6753283908486E-13
y0= : -3.6260783798926E-13
*****
i=40548
k(40548)=0.99843304577154
kQ(40548)=0.99686854688864
r1= : 8.4494554068214E-13
rpunto1: = -16776176.863443
rduepunti0 : = -1.0029771175293E+26
fil : = 489.65115504201
fipunto1 : = 1.739919593121E+19
fi_gradi : = 28054.944617613
t1 : = 1.0810199136027E-14
tpunto1 : = 1.00584573865
tduepunti0 : = 1.3317404174688E+17
v=v_elettrone : = 22263895.731657
x0= : 7.6648622715368E-13
y0= : -3.6021966247782E-13
```

```
*****
i=40549
k(40549)=0.99843084827368
kQ(40549)=0.9968641587845
r1= : 8.4297805258049E-13
rpunto1: = -16787926.973892
rduepunti0 : = -1.0018964327823E+26
fil : = 489.65319559697
fipunto1 : = 1.7480225321448E+19
fi_gradi : = 28055.0615328
t1 : = 1.0810199253992E-14
tpunto1 : = 1.0058614413614
tduepunti0 : = 1.3389227827581E+17
v=v_elettrone : = 22295002.488617
x0= : 7.6543520103724E-13
y0= : -3.5782945621023E-13
*****
i=40550
k(40550)=0.99842865171051
kQ(40550)=0.99685977255647
r1= : 8.4100918644125E-13
rpunto1: = -16799663.847568
rduepunti0 : = -1.0007677731663E+26
fil : = 489.65524565496
fipunto1 : = 1.7561879223674E+19
fi_gradi : = 28055.178992471
t1 : = 1.0810199371958E-14
tpunto1 : = 1.0058772289666
tduepunti0 : = 1.3461614159934E+17
v=v_elettrone : = 22326232.451027
x0= : 7.6437973587544E-13
y0= : -3.5543721881001E-13
*****
i=40551
k(40551)=0.99842645619465
kQ(40551)=0.99685538842941
r1= : 8.3903894381679E-13
rpunto1: = -16811386.911196
rduepunti0 : = -9.9959023205019E+25
fil : = 489.65730528921
fipunto1 : = 1.7644164087073E+19
fi_gradi : = 28055.29700082
t1 : = 1.0810199489926E-14
tpunto1 : = 1.0058931021319
tduepunti0 : = 1.3534568648572E+17
v=v_elettrone : = 22357586.399909
x0= : 7.6331980660755E-13
y0= : -3.5304294996386E-13
*****
i=40552
k(40552)=0.99842426184101
kQ(40552)=0.99685100663277
r1= : 8.3706732632675E-13
rpunto1: = -16823095.580668
rduepunti0 : = -9.9836288579271E+25
fil : = 489.65937457372
fipunto1 : = 1.7727086441912E+19
fi_gradi : = 28055.415562089
t1 : = 1.0810199607896E-14
tpunto1 : = 1.00590906153
tduepunti0 : = 1.3608096829239E+17
v=v_elettrone : = 22389065.121361
x0= : 7.6225538797032E-13
y0= : -3.5064664942277E-13
```

```
*****
i=40553
k(40553)=0.9984220687669
kQ(40553)=0.99684662740078
r1= : 8.3509433565926E-13
rpunto1: = -16834789.260839
rduepunti0 : = -9.9708479340253E+25
fil : = 489.66145358325
fipunto1 : = 1.7810652900694E+19
fi_gradi : = 28055.534680561
t1 : = 1.0810199725867E-14
tpunto1 : = 1.0059251078404
tduepunti0 : = 1.3682204297187E+17
v=v_elettrone : = 22420669.408655
x0= : 7.6118645449583E-13
y0= : -3.4824831700367E-13
*****
i=40554
k(40554)=0.99841987709203
kQ(40554)=0.99684225097246
r1= : 8.3311997357223E-13
rpunto1: = -16846467.345322
rduepunti0 : = -9.9575499619154E+25
fil : = 489.66354239335
fipunto1 : = 1.7894870159345E+19
fi_gradi : = 28055.654360564
t1 : = 1.0810199843841E-14
tpunto1 : = 1.0059412417491
tduepunti0 : = 1.3756896707754E+17
v=v_elettrone : = 22452400.060304
x0= : 7.6011298050951E-13
y0= : -3.4584795259062E-13
*****
i=40555
k(40555)=0.99841768693856
kQ(40555)=0.99683787759174
r1= : 8.3114424189472E-13
rpunto1: = -16858129.216275
rduepunti0 : = -9.9437251742046E+25
fil : = 489.66564108034
fipunto1 : = 1.7979744998409E+19
fi_gradi : = 28055.774606471
t1 : = 1.0810199961816E-14
tpunto1 : = 1.0059574639488
tduepunti0 : = 1.3832179776957E+17
v=v_elettrone : = 22484257.882138
x0= : 7.59034940128E-13
y0= : -3.4344555613646E-13
*****
i=40556
k(40556)=0.99841549843118
kQ(40556)=0.99683350750758
r1= : 8.2916714252822E-13
rpunto1: = -16869774.244184
rduepunti0 : = -9.9293636193701E+25
fil : = 489.66774972134
fipunto1 : = 1.8065284284262E+19
fi_gradi : = 28055.895422701
t1 : = 1.0810200079794E-14
tpunto1 : = 1.005973775139
tduepunti0 : = 1.3908059282075E+17
v=v_elettrone : = 22516243.68508
x0= : 7.579523072571E-13
y0= : -3.4104112766408E-13
```

```
*****
i=40557
k(40557)=0.99841331169712
kQ(40557)=0.99682914097402
r1= : 8.2718867744806E-13
rpunto1:= -16881401.787644
rduepunti0 : = -9.9144551580631E+25
fil : = 489.66986839427
fipunto1 : = 1.815149497035E+19
fi_gradi : = 28056.016813718
t1 : = 1.0810200197773E-14
tpunto1 : = 1.005990176026
tduepunti0 : = 1.3984541062241E+17
v=v_elettrone : = 22548358.287739
x0= : 7.5686505558957E-13
y0= : -3.3863466726814E-13
*****
i=40558
k(40558)=0.99841112686623
kQ(40558)=0.9968247782503
r1= : 8.252088487048E-13
rpunto1:= -16893011.193135
rduepunti0 : = -9.8989894593342E+25
fil : = 489.67199717789
fipunto1 : = 1.8238384098442E+19
fi_gradi : = 28056.138784035
t1 : = 1.0810200315754E-14
tpunto1 : = 1.0060066673232
tduepunti0 : = 1.4061631019029E+17
v=v_elettrone : = 22580602.514168
x0= : 7.5577315860309E-13
y0= : -3.3622617511637E-13
*****
i=40559
k(40559)=0.998408944071
kQ(40559)=0.99682041960097
r1= : 8.2322765842563E-13
rpunto1:= -16904601.794791
rduepunti0 : = -9.882955996778E+25
fil : = 489.67413615174
fipunto1 : = 1.8325958799902E+19
fi_gradi : = 28056.261338209
t1 : = 1.0810200433737E-14
tpunto1 : = 1.0060232497506
tduepunti0 : = 1.4139335117044E+17
v=v_elettrone : = 22612977.195366
x0= : 7.5467658955796E-13
y0= : -3.3381565145131E-13
*****
i=40560
k(40560)=0.99840676344662
kQ(40560)=0.99681606529596
r1= : 8.2124510881584E-13
rpunto1:= -16916172.914166
rduepunti0 : = -9.8663440445952E+25
fil : = 489.67628539624
fipunto1 : = 1.8414226296981E+19
fi_gradi : = 28056.384480848
t1 : = 1.0810200551722E-14
tpunto1 : = 1.0060399240358
tduepunti0 : = 1.4217659384512E+17
v=v_elettrone : = 22645483.168615
x0= : 7.5357532149499E-13
y0= : -3.3140309659184E-13
```

```
*****
i=40561
k(40561)=0.99840458513106
kQ(40561)=0.99681171561073
r1= : 8.1926120216029E-13
rpunto1: = -16927723.859998
rduepunti0 : = -9.84914267357E+25
fil : = 489.67844499264
fipunto1 : = 1.850319390413E+19
fi_gradi : = 28056.508216607
t1 : = 1.0810200669709E-14
tpunto1 : = 1.0060566909131
tduepunti0 : = 1.4296609913865E+17
v=v_elettrone : = 22678121.277897
x0= : 7.5246932723325E-13
y0= : -3.2898851093478E-13
*****
i=40562
k(40562)=0.99840240926508
kQ(40562)=0.99680737082632
r1= : 8.1727594082491E-13
rpunto1: = -16939253.927963
rduepunti0 : = -9.8313407469623E+25
fil : = 489.68061502305
fipunto1 : = 1.8592869029333E+19
fi_gradi : = 28056.632550191
t1 : = 1.0810200787698E-14
tpunto1 : = 1.0060735511242
tduepunti0 : = 1.4376192862336E+17
v=v_elettrone : = 22710892.373748
x0= : 7.5135857936779E-13
y0= : -3.2657189495661E-13
*****
i=40563
k(40563)=0.99840023599231
kQ(40563)=0.9968030312295
r1= : 8.1528932725823E-13
rpunto1: = -16950762.400428
rduepunti0 : = -9.8129269163105E+25
fil : = 489.68279557043
fipunto1 : = 1.8683259175457E+19
fi_gradi : = 28056.757486353
t1 : = 1.0810200905689E-14
tpunto1 : = 1.0060905054182
tduepunti0 : = 1.4456414452542E+17
v=v_elettrone : = 22743797.31337
x0= : 7.502430502674E-13
y0= : -3.2415324921511E-13
*****
i=40564
k(40564)=0.9983980654593
kQ(40564)=0.99679869711287
r1= : 8.1330136399293E-13
rpunto1: = -16962248.546197
rduepunti0 : = -9.7938896171449E+25
fil : = 489.68498671865
fipunto1 : = 1.8774371941625E+19
fi_gradi : = 28056.883029899
t1 : = 1.0810201023682E-14
tpunto1 : = 1.0061075545514
tduepunti0 : = 1.4537280973069E+17
v=v_elettrone : = 22776836.961008
x0= : 7.4912271207231E-13
y0= : -3.2173257435112E-13
```

```
*****
i=40565
k(40565)=0.99839589781556
kQ(40565)=0.99679436877493
r1= : 8.1131205364746E-13
rpunto1: = -16973711.620254
rduepunti0 : = -9.7742170646093E+25
fil : = 489.68718855246
fipunto1 : = 1.8866215024611E+19
fi_gradi : = 28057.009185683
t1 : = 1.0810201141677E-14
tpunto1 : = 1.0061246992876
tduepunti0 : = 1.4618798779062E+17
v=v_elettrone : = 22810012.186979
x0= : 7.4799753669187E-13
y0= : -3.1930987109022E-13
*****
i=40566
k(40566)=0.99839373321365
kQ(40566)=0.99679004652028
r1= : 8.0932139892765E-13
rpunto1: = -16985150.863497
rduepunti0 : = -9.7538972489874E+25
fil : = 489.68940115751
fipunto1 : = 1.8958796220256E+19
fi_gradi : = 28057.135958614
t1 : = 1.0810201259674E-14
tpunto1 : = 1.0061419403981
tduepunti0 : = 1.4700974292802E+17
v=v_elettrone : = 22843323.868816
x0= : 7.4686749580215E-13
y0= : -3.1688514024467E-13
*****
i=40567
k(40567)=0.9983915718092
kQ(40567)=0.99678573065965
r1= : 8.0732940262834E-13
rpunto1: = -16996565.502469
rduepunti0 : = -9.7329179311342E+25
fil : = 489.69162462036
fipunto1 : = 1.90521234249E+19
fi_gradi : = 28057.263353651
t1 : = 1.0810201377673E-14
tpunto1 : = 1.006159278662
tduepunti0 : = 1.4783814004288E+17
v=v_elettrone : = 22876772.890809
x0= : 7.4573256084362E-13
y0= : -3.1445838271514E-13
*****
i=40568
k(40568)=0.99838941376102
kQ(40568)=0.99678142151007
r1= : 8.0533606763508E-13
rpunto1: = -17007954.749088
rduepunti0 : = -9.7112666378078E+25
fil : = 489.6938590285
fipunto1 : = 1.9146204636844E+19
fi_gradi : = 28057.391375807
t1 : = 1.0810201495674E-14
tpunto1 : = 1.0061767148659
tduepunti0 : = 1.4867324471813E+17
v=v_elettrone : = 22910360.144585
x0= : 7.445927030187E-13
y0= : -3.1202959949264E-13
```

```
*****
i=40569
k(40569)=0.99838725923108
kQ(40569)=0.99677711939495
r1= : 8.0334139692586E-13
rpunto1: = -17019317.80036
rduepunti0 : = -9.6889306569019E+25
fil : = 489.69610447036
fipunto1 : = 1.9241047957829E+19
fi_gradi : = 28057.520030149
t1 : = 1.0810201613678E-14
tpunto1 : = 1.0061942498042
tduepunti0 : = 1.495151232254E+17
v=v_elettrone : = 22944086.528106
x0= : 7.4344789328939E-13
y0= : -3.0959879166029E-13
*****
i=40570
k(40570)=0.99838510838466
kQ(40570)=0.99677282464426
r1= : 8.0134539357284E-13
rpunto1: = -17030653.838099
rduepunti0 : = -9.6658970325742E+25
fil : = 489.69836103532
fipunto1 : = 1.9336661594538E+19
fi_gradi : = 28057.649321798
t1 : = 1.0810201731683E-14
tpunto1 : = 1.0062118842791
tduepunti0 : = 1.5036384253068E+17
v=v_elettrone : = 22977952.946756
x0= : 7.4229810237474E-13
y0= : -3.0716596039545E-13
*****
i=40571
k(40571)=0.99838296139036
kQ(40571)=0.99676853759458
r1= : 7.9934806074412E-13
rpunto1: = -17041962.028631
rduepunti0 : = -9.6421525602704E+25
fil : = 489.70062881373
fipunto1 : = 1.9433053860121E+19
fi_gradi : = 28057.779255929
t1 : = 1.081020184969E-14
tpunto1 : = 1.006229619101
tduepunti0 : = 1.5121947030001E+17
v=v_elettrone : = 23011960.312836
x0= : 7.4114330074844E-13
y0= : -3.0473110697157E-13
*****
i=40572
k(40572)=0.99838081842016
kQ(40572)=0.99676425858932
r1= : 7.973494017056E-13
rpunto1: = -17053241.522499
rduepunti0 : = -9.6176837816408E+25
fil : = 489.70290789689
fipunto1 : = 1.9530233175744E+19
fi_gradi : = 28057.909837776
t1 : = 1.0810201967699E-14
tpunto1 : = 1.006247455088
tduepunti0 : = 1.5208207490506E+17
v=v_elettrone : = 23046109.545574
x0= : 7.3998345863625E-13
y0= : -3.0229423276027E-13
```

```
*****
i=40573
k(40573)=0.99837867964953
kQ(40573)=0.99675998797874
r1= : 7.9534941982277E-13
rpunto1: = -17064491.454158
rduepunti0 : = -9.592476979347E+25
fil : = 489.70519837712
fipunto1 : = 1.9628208072158E+19
fi_gradi : = 28058.041072626
t1 : = 1.0810202085711E-14
tpunto1 : = 1.0062653930665
tduepunti0 : = 1.5295172542869E+17
v=v_elettrone : = 23080401.571386
x0= : 7.3881854601348E-13
y0= : -2.9985533923344E-13
*****
i=40574
k(40574)=0.99837654525744
kQ(40574)=0.99675572612019
r1= : 7.9334811856266E-13
rpunto1: = -17075710.941667
rduepunti0 : = -9.5665181717558E+25
fil : = 489.70750034772
fipunto1 : = 1.9726987191296E+19
fi_gradi : = 28058.172965825
t1 : = 1.0810202203724E-14
tpunto1 : = 1.006283433871
tduepunti0 : = 1.5382849167045E+17
v=v_elettrone : = 23114837.324382
x0= : 7.3764853260241E-13
y0= : -2.974144279653E-13
*****
i=40575
k(40575)=0.99837441542648
kQ(40575)=0.99675147337816
r1= : 7.9134550149571E-13
rpunto1: = -17086899.08637
rduepunti0 : = -9.5397931075192E+25
fil : = 489.709813903
fipunto1 : = 1.9826579287891E+19
fi_gradi : = 28058.305522779
t1 : = 1.081020232174E-14
tpunto1 : = 1.0063015783443
tduepunti0 : = 1.5471244415197E+17
v=v_elettrone : = 23149417.745031
x0= : 7.3647338786973E-13
y0= : -2.9497150063453E-13
*****
i=40576
k(40576)=0.99837229034287
kQ(40576)=0.99674723012447
r1= : 7.8934157229777E-13
rpunto1: = -17098054.972575
rduepunti0 : = -9.5122872600366E+25
fil : = 489.71213913831
fipunto1 : = 1.9926993231119E+19
fi_gradi : = 28058.438748948
t1 : = 1.0810202439757E-14
tpunto1 : = 1.0063198273376
tduepunti0 : = 1.5560365412235E+17
v=v_elettrone : = 23184143.782208
x0= : 7.3529308102387E-13
y0= : -2.9252655902655E-13
```



```
*****
i=40577
k(40577)=0.9983701701966
kQ(40577)=0.99674299673839
r1= : 7.8733633475207E-13
rpunto1:= -17109177.667222
rduepunti0 : = -9.4839858217969E+25
fil : = 489.71447615004
fipunto1 : = 2.0028238006264E+19
fi_gradi : = 28058.572649857
t1 : = 1.0810202557777E-14
tpunto1 : = 1.0063381817103
tduepunti0 : = 1.5650219356343E+17
v=v_elettrone : = 23219016.391057
x0= : 7.3410758101241E-13
y0= : -2.9007960503563E-13
*****
i=40578
k(40578)=0.99836805518145
kQ(40578)=0.99673877360679
r1= : 7.8532979275128E-13
rpunto1:= -17120266.219552
rduepunti0 : = -9.4548736985987E+25
fil : = 489.71682503562
fipunto1 : = 2.0130322716413E+19
fi_gradi : = 28058.707231088
t1 : = 1.0810202675799E-14
tpunto1 : = 1.0063566423307
tduepunti0 : = 1.5740813519493E+17
v=v_elettrone : = 23254036.534741
x0= : 7.3291685651931E-13
y0= : -2.876306406673E-13
*****
i=40579
k(40579)=0.99836594549508
kQ(40579)=0.99673456112428
r1= : 7.8332195029956E-13
rpunto1:= -17131319.660758
rduepunti0 : = -9.4249355036448E+25
fil : = 489.71918589356
fipunto1 : = 2.0233256584171E+19
fi_gradi : = 28058.842498284
t1 : = 1.0810202793824E-14
tpunto1 : = 1.0063752100756
tduepunti0 : = 1.5832155247961E+17
v=v_elettrone : = 23289205.18384
x0= : 7.3172087596228E-13
y0= : -2.8517966804063E-13
*****
i=40580
k(40580)=0.99836384133909
kQ(40580)=0.99673035969335
r1= : 7.813128115147E-13
rpunto1:= -17142337.003639
rduepunti0 : = -9.3941555515084E+25
fil : = 489.72155882346
fipunto1 : = 2.0337048953405E+19
fi_gradi : = 28058.978457152
t1 : = 1.081020291185E-14
tpunto1 : = 1.0063938858302
tduepunti0 : = 1.5924251962823E+17
v=v_elettrone : = 23324523.31575
x0= : 7.3051960749E-13
y0= : -2.8272668939058E-13
```

```
*****
i=40581
k(40581)=0.99836174291913
kQ(40581)=0.99672616972453
r1= : 7.7930238063026E-13
rpunto1: = -17153317.242238
rduerpunti0 : = -9.3625178519692E+25
fil : = 489.72394392599
fipunto1 : = 2.044170929101E+19
fi_gradi : = 28059.11511346
t1 : = 1.0810203029878E-14
tpunto1 : = 1.0064126704889
tduerpunti0 : = 1.6017111160441E+17
v=v_elettrone : = 23359991.91637
x0= : 7.2931301897935E-13
y0= : -2.8027170707052E-13
*****
i=40582
k(40582)=0.99835965044495
kQ(40582)=0.99672199163657
r1= : 7.7729066199778E-13
rpunto1: = -17164259.351485
rduerpunti0 : = -9.3300061037153E+25
fil : = 489.72634130294
fipunto1 : = 2.0547247188706E+19
fi_gradi : = 28059.252473042
t1 : = 1.0810203147909E-14
tpunto1 : = 1.0064315649547
tduerpunti0 : = 1.6110740412945E+17
v=v_elettrone : = 23395611.978695
x0= : 7.2810107803263E-13
y0= : -2.7781472355459E-13
*****
i=40583
k(40583)=0.99835756413048
kQ(40583)=0.99671782585654
r1= : 7.7527766008904E-13
rpunto1: = -17175162.286814
rduerpunti0 : = -9.2966036879081E+25
fil : = 489.72875105724
fipunto1 : = 2.0653672364853E+19
fi_gradi : = 28059.390541793
t1 : = 1.0810203265942E-14
tpunto1 : = 1.0064505701398
tduerpunti0 : = 1.6205147368692E+17
v=v_elettrone : = 23431384.503199
x0= : 7.268837519747E-13
y0= : -2.7535574144029E-13
*****
i=40584
k(40584)=0.9983554841939
kQ(40584)=0.99671367282004
r1= : 7.7326337949828E-13
rpunto1: = -17186024.983793
rduerpunti0 : = -9.2622936616085E+25
fil : = 489.73117329295
fipunto1 : = 2.0760994666304E+19
fi_gradi : = 28059.529325676
t1 : = 1.0810203383977E-14
tpunto1 : = 1.0064696869653
tduerpunti0 : = 1.6300339752721E+17
v=v_elettrone : = 23467310.497942
x0= : 7.2566100785017E-13
y0= : -2.7289476345106E-13
```

```
*****
i=40585
k(40585)=0.99835341085778
kQ(40585)=0.99670953297136
r1= : 7.7124782494461E-13
rpunto1 : = -17196846.357729
rduepunti0 : = -9.227058751059E+25
fil : = 489.73360811528
fipunto1 : = 2.0869224070277E+19
fi_gradi : = 28059.668830719
t1 : = 1.0810203502015E-14
tpunto1 : = 1.0064889163614
tduepunti0 : = 1.6396325367187E+17
v=v_elettrone : = 23503390.979165
x0= : 7.2443281242042E-13
y0= : -2.7043179243895E-13
*****
i=40586
k(40586)=0.99835134434907
kQ(40586)=0.99670540676359
r1= : 7.6923100127435E-13
rpunto1 : = -17207625.303276
rduepunti0 : = -9.1908813448213E+25
fil : = 489.73605563061
fipunto1 : = 2.097837068625E+19
fi_gradi : = 28059.809063018
t1 : = 1.0810203620055E-14
tpunto1 : = 1.0065082592677
tduepunti0 : = 1.6493112091782E+17
v=v_elettrone : = 23539626.970617
x0= : 7.2319913216076E-13
y0= : -2.6796683138724E-13
*****
i=40587
k(40587)=0.99834928489927
kQ(40587)=0.99670129465888
r1= : 7.6721291346344E-13
rpunto1 : = -17218360.694028
rduepunti0 : = -9.1537434867639E+25
fil : = 489.73851594651
fipunto1 : = 2.10884447579E+19
fi_gradi : = 28059.950028735
t1 : = 1.0810203738097E-14
tpunto1 : = 1.0065277166332
tduepunti0 : = 1.6590707884137E+17
v=v_elettrone : = 23576019.503342
x0= : 7.2195993325748E-13
y0= : -2.6549988341316E-13
*****
i=40588
k(40588)=0.99834723274446
kQ(40588)=0.99669719712852
r1= : 7.6519356661993E-13
rpunto1 : = -17229051.382109
rduepunti0 : = -9.1156268688976E+25
fil : = 489.74098917175
fipunto1 : = 2.1199456665049E+19
fi_gradi : = 28060.091734104
t1 : = 1.0810203856141E-14
tpunto1 : = 1.006547289416
tduepunti0 : = 1.6689120780216E+17
v=v_elettrone : = 23612569.617272
x0= : 7.2071518160476E-13
y0= : -2.6303095177086E-13
```

```
*****
i=40589
k(40589)=0.99834518812542
kQ(40589)=0.99669311465319
r1= : 7.631729659865E-13
rpunto1: = -17239696.197749
rduepunti0 : = -9.0765128240555E+25
fil : = 489.74347541633
fipunto1 : = 2.1311416925654E+19
fi_gradi : = 28060.234185425
t1 : = 1.0810203974187E-14
tpunto1 : = 1.0065669785839
tduepunti0 : = 1.6788358894675E+17
v=v_elettrone : = 23649278.359469
x0= : 7.1946484280179E-13
y0= : -2.6056003985401E-13
*****
i=40590
k(40590)=0.99834315128772
kQ(40590)=0.9966890477231
r1= : 7.6115111694299E-13
rpunto1: = -17250293.948857
rduepunti0 : = -9.0363823184139E+25
fil : = 489.74597479146
fipunto1 : = 2.1424336197817E+19
fi_gradi : = 28060.377389071
t1 : = 1.0810204092236E-14
tpunto1 : = 1.0065867851144
tduepunti0 : = 1.6888430421217E+17
v=v_elettrone : = 23686146.784652
x0= : 7.1820888214966E-13
y0= : -2.580871511989E-13
*****
i=40591
k(40591)=0.99834112248178
kQ(40591)=0.99668499683818
r1= : 7.5912802500908E-13
rpunto1: = -17260843.420578
rduepunti0 : = -8.9952159438507E+25
fil : = 489.74848740962
fipunto1 : = 2.1538225281827E+19
fi_gradi : = 28060.521351487
t1 : = 1.0810204210287E-14
tpunto1 : = 1.00660670999946
tduepunti0 : = 1.6989343632916E+17
v=v_elettrone : = 23723175.956213
x0= : 7.1694726464822E-13
y0= : -2.556122894874E-13
*****
i=40592
k(40592)=0.99833910196299
kQ(40592)=0.99668096250827
r1= : 7.5710369584691E-13
rpunto1: = -17271343.37485
rduepunti0 : = -8.9529939101377E+25
fil : = 489.75101338453
fipunto1 : = 2.1653095122231E+19
fi_gradi : = 28060.666079189
t1 : = 1.0810204328341E-14
tpunto1 : = 1.0066267542215
tduepunti0 : = 1.7091106882524E+17
v=v_elettrone : = 23760366.945188
x0= : 7.1567995499308E-13
y0= : -2.5313545854994E-13
```

```
*****
i=40593
k(40593)=0.9983370899918
kQ(40593)=0.9966769452533
r1= : 7.5507813526382E-13
rpunto1 : = -17281792.549942
rduepunti0 : = -8.9096960369634E+25
fil : = 489.75355283124
fipunto1 : = 2.1768956809928E+19
fi_gradi : = 28060.811578767
t1 : = 1.0810204446397E-14
tpunto1 : = 1.0066469188017
tduepunti0 : = 1.7193728602751E+17
v=v_elettrone : = 23797720.830731
x0= : 7.1440691757238E-13
y0= : -2.5065666236863E-13
*****
i=40594
k(40594)=0.99833508683383
kQ(40594)=0.99667294560351
r1= : 7.5305134921514E-13
rpunto1 : = -17292189.659989
rduepunti0 : = -8.8653017457823E+25
fil : = 489.75610586605
fipunto1 : = 2.1885821584304E+19
fi_gradi : = 28060.957856887
t1 : = 1.0810204564455E-14
tpunto1 : = 1.0066672047521
tduepunti0 : = 1.7297217306518E+17
v=v_elettrone : = 23835238.699566
x0= : 7.1312811646367E-13
y0= : -2.4817590508038E-13
*****
i=40595
k(40595)=0.99833309275993
kQ(40595)=0.99666896409961
r1= : 7.5102334380697E-13
rpunto1 : = -17302533.394516
rduepunti0 : = -8.8197900514879E+25
fil : = 489.7586726066
fipunto1 : = 2.2003700835384E+19
fi_gradi : = 28061.104920288
t1 : = 1.0810204682516E-14
tpunto1 : = 1.0066876130996
tduepunti0 : = 1.7401581587193E+17
v=v_elettrone : = 23872921.647181
x0= : 7.1184351543065E-13
y0= : -2.4569319098029E-13
*****
i=40596
k(40596)=0.99833110804633
kQ(40596)=0.99666500129301
r1= : 7.4899412529913E-13
rpunto1 : = -17312822.417949
rduepunti0 : = -8.7731395539039E+25
fil : = 489.76125317189
fipunto1 : = 2.2122606106024E+19
fi_gradi : = 28061.252775787
t1 : = 1.0810204800579E-14
tpunto1 : = 1.0067081448813
tduepunti0 : = 1.7506830118788E+17
v=v_elettrone : = 23910770.776993
x0= : 7.1055307791993E-13
y0= : -2.4320852452478E-13
```

```
*****
i=40597
k(40597)=0.9983291329747
kQ(40597)=0.99666105774601
r1= : 7.4696370010807E-13
rpunto1: = -17323055.36912
rduepunti0 : = -8.7253284290918E+25
fil : = 489.76384768222
fipunto1 : = 2.2242549094126E+19
fi_gradi : = 28061.40143028
t1 : = 1.0810204918644E-14
tpunto1 : = 1.0067288011443
tduepunti0 : = 1.7612971656131E+17
v=v_elettrone : = 23948787.200506
x0= : 7.0925676705781E-13
y0= : -2.4072191033498E-13
*****
i=40598
k(40598)=0.99832716783227
kQ(40598)=0.99665713403201
r1= : 7.4493207480987E-13
rpunto1: = -17333230.860757
rduepunti0 : = -8.6763344204687E+25
fil : = 489.76645625932
fipunto1 : = 2.2363541654888E+19
fi_gradi : = 28061.550890738
t1 : = 1.0810205036712E-14
tpunto1 : = 1.0067495829464
tduepunti0 : = 1.7720015035006E+17
v=v_elettrone : = 23986972.037451
x0= : 7.079545456469E-13
y0= : -2.3823335320024E-13
*****
i=40599
k(40599)=0.99832521291196
kQ(40599)=0.99665323073571
r1= : 7.428992561433E-13
rpunto1: = -17343347.47897
rduepunti0 : = -8.6261348297338E+25
fil : = 489.76907902626
fipunto1 : = 2.2485595803082E+19
fi_gradi : = 28061.701164214
t1 : = 1.0810205154782E-14
tpunto1 : = 1.0067704913557
tduepunti0 : = 1.7827969172262E+17
v=v_elettrone : = 24025326.415647
x0= : 7.0664637616284E-13
y0= : -2.3574285808155E-13
*****
i=40600
k(40600)=0.99832326851245
kQ(40600)=0.99664934845337
r1= : 7.4086525101297E-13
rpunto1: = -17353403.78272
rduepunti0 : = -8.5747065075972E+25
fil : = 489.77171610756
fipunto1 : = 2.2608723715363E+19
fi_gradi : = 28061.852257843
t1 : = 1.0810205272855E-14
tpunto1 : = 1.0067915274508
tduepunti0 : = 1.7936843065885E+17
v=v_elettrone : = 24063851.471371
x0= : 7.0533222075086E-13
y0= : -2.3325043011523E-13
```

```
*****
i=40601
k(40601)=0.99832133493829
kQ(40601)=0.99664548779298
r1= : 7.3883006649248E-13
rpunto1 : = -17363398.303275
rduepunti0 : = -8.5220258443083E+25
fil : = 489.77436762913
fipunto1 : = 2.273293773261E+19
fi_gradi : = 28062.004178838
t1 : = 1.081020539093E-14
tpunto1 : = 1.0068126923212
tduepunti0 : = 1.8046645795033E+17
v=v_elettrone : = 24102548.349182
x0= : 7.0401204122239E-13
y0= : -2.3075607461647E-13
*****
i=40602
k(40602)=0.99831941250008
kQ(40602)=0.9966416493745
r1= : 7.3679370982767E-13
rpunto1 : = -17373329.543667
rduepunti0 : = -8.468068759979E+25
fil : = 489.77703371836
fipunto1 : = 2.2858250362298E+19
fi_gradi : = 28062.156934499
t1 : = 1.0810205509008E-14
tpunto1 : = 1.0068339870669
tduepunti0 : = 1.815738652003E+17
v=v_elettrone : = 24141418.201993
x0= : 7.0268579905164E-13
y0= : -2.2825979708313E-13
*****
i=40603
k(40603)=0.99831750151447
kQ(40603)=0.9966378338301
r1= : 7.3475618843997E-13
rpunto1 : = -17383195.978122
rduepunti0 : = -8.4128106946976E+25
fil : = 489.7797145041
fipunto1 : = 2.29846742809E+19
fi_gradi : = 28062.310532207
t1 : = 1.0810205627088E-14
tpunto1 : = 1.0068554127987
tduepunti0 : = 1.8269074482327E+17
v=v_elettrone : = 24180462.190629
x0= : 7.0135345537212E-13
y0= : -2.2576160319949E-13
*****
i=40604
k(40604)=0.9983156023044
kQ(40604)=0.99663404180439
r1= : 7.3271750992972E-13
rpunto1 : = -17392996.051489
rduepunti0 : = -8.3562265984288E+25
fil : = 489.78241011667
fipunto1 : = 2.311222336319E+19
fi_gradi : = 28062.464979431
t1 : = 1.0810205745171E-14
tpunto1 : = 1.0068769706386
tduepunti0 : = 1.8381719004414E+17
v=v_elettrone : = 24219681.484603
x0= : 7.0001497097308E-13
y0= : -2.2326149884024E-13
```

```
*****
i=40605
k(40605)=0.9983137151991
kQ(40605)=0.99663027395464
r1= : 7.3067768207968E-13
rpunto1: = -17402728.17865
rduepunti0 : = -8.2982909206955E+25
fil : = 489.7851206879
fipunto1 : = 2.3240907550359E+19
fi_gradi : = 28062.620283722
t1 : = 1.0810205863256E-14
tpunto1 : = 1.0068986617193
tduepunti0 : = 1.8495329489685E+17
v=v_elettrone : = 24259077.262132
x0= : 6.9867030629597E-13
y0= : -2.207594900744E-13
*****
i=40606
k(40606)=0.99831184053433
kQ(40606)=0.99662653095104
r1= : 7.2863671285848E-13
rpunto1: = -17412390.743923
rduepunti0 : = -8.2389776000381E+25
fil : = 489.78784635117
fipunto1 : = 2.3370743121217E+19
fi_gradi : = 28062.776452724
t1 : = 1.0810205981344E-14
tpunto1 : = 1.0069204871849
tduepunti0 : = 1.8609915422259E+17
v=v_elettrone : = 24298650.709393
x0= : 6.9731942143094E-13
y0= : -2.1825558316928E-13
*****
i=40607
k(40607)=0.99830997865239
kQ(40607)=0.99662281347693
r1= : 7.2659461042426E-13
rpunto1: = -17421982.100451
rduepunti0 : = -8.1782600532462E+25
fil : = 489.79058724139
fipunto1 : = 2.3501742426015E+19
fi_gradi : = 28062.933494166
t1 : = 1.0810206099434E-14
tpunto1 : = 1.0069424481907
tduepunti0 : = 1.8725486366754E+17
v=v_elettrone : = 24338403.020748
x0= : 6.9596227611311E-13
y0= : -2.1574978459475E-13
*****
i=40608
k(40608)=0.99830812990233
kQ(40608)=0.99661912222908
r1= : 7.2455138312827E-13
rpunto1: = -17431500.569573
rduepunti0 : = -8.1161111643584E+25
fil : = 489.79334349503
fipunto1 : = 2.3633919023362E+19
fi_gradi : = 28063.091415867
t1 : = 1.0810206217527E-14
tpunto1 : = 1.006964545903
tduepunti0 : = 1.8842051968003E+17
v=v_elettrone : = 24378335.399942
x0= : 6.9459882971898E-13
y0= : -2.1324210102744E-13
```



```
*****
i=40609
k(40609)=0.99830629464003
kQ(40609)=0.9966154579179
r1= : 7.2250703951866E-13
rpunto1: = -17440944.440193
rduepunti0 : = -8.0525032734252E+25
fil : = 489.79611525017
fipunto1 : = 2.3767286655943E+19
fi_gradi : = 28063.250225738
t1 : = 1.0810206335622E-14
tpunto1 : = 1.0069867814999
tduepunti0 : = 1.8959621950716E+17
v=v_elettrone : = 24418449.05783
x0= : 6.9322904126277E-13
y0= : -2.1073253935496E-13
*****
i=40610
k(40610)=0.99830447322835
kQ(40610)=0.99661182126773
r1= : 7.2046158834424E-13
rpunto1: = -17450311.96812
rduepunti0 : = -7.9874081650308E+25
fil : = 489.79890264649
fipunto1 : = 2.3901859253147E+19
fi_gradi : = 28063.409931783
t1 : = 1.081020645372E-14
tpunto1 : = 1.0070091561708
tduepunti0 : = 1.9078206119085E+17
v=v_elettrone : = 24458745.21525
x0= : 6.9185286939259E-13
y0= : -2.0822110668049E-13
*****
i=40611
k(40611)=0.99830266603726
kQ(40611)=0.9966082130171
r1= : 7.1841503855839E-13
rpunto1: = -17459601.375409
rduepunti0 : = -7.9207970565682E+25
fil : = 489.80170582531
fipunto1 : = 2.4037650933723E+19
fi_gradi : = 28063.570542099
t1 : = 1.0810206571821E-14
tpunto1 : = 1.00703167111166
tduepunti0 : = 1.9197814356333E+17
v=v_elettrone : = 24499225.099986
x0= : 6.9047027238685E-13
y0= : -2.0570781032701E-13
*****
i=40612
k(40612)=0.99830087344396
kQ(40612)=0.99660463391898
r1= : 7.1636739932299E-13
rpunto1: = -17468810.849681
rduepunti0 : = -7.8526405862626E+25
fil : = 489.80452492961
fipunto1 : = 2.4174676008469E+19
fi_gradi : = 28063.732064877
t1 : = 1.0810206689924E-14
tpunto1 : = 1.0070543275501
tduepunti0 : = 1.931845662419E+17
v=v_elettrone : = 24539889.949354
x0= : 6.890812081503E-13
y0= : -2.0319265784219E-13
```

```
*****
i=40613
k(40613)=0.99829909583306
kQ(40613)=0.9966010847411
r1= : 7.1431868001248E-13
rpunto1:= -17477938.543426
rduepunti0 : = -7.7829088009392E+25
fil : = 489.80736010402
fipunto1 : = 2.4312948982953E+19
fi_gradi : = 28063.894508405
t1 : = 1.081020680803E-14
tpunto1 : = 1.0070771266957
tduepunti0 : = 1.944014296231E+17
v=v_elettrone : = 24580741.008845
x0= : 6.8768563421031E-13
y0= : -2.0067565700288E-13
*****
i=40614
k(40614)=0.99829733359664
kQ(40614)=0.99659756626616
r1= : 7.1226889021797E-13
rpunto1:= -17486982.573298
rduepunti0 : = -7.7115711435285E+25
fil : = 489.81021149491
fipunto1 : = 2.4452484560264E+19
fi_gradi : = 28064.057881069
t1 : = 1.0810206926139E-14
tpunto1 : = 1.0071000697899
tduepunti0 : = 1.9562883487617E+17
v=v_elettrone : = 24621779.532467
x0= : 6.8628350771301E-13
y0= : -1.9815681581995E-13
*****
i=40615
k(40615)=0.99829558713448
kQ(40615)=0.99659407929217
r1= : 7.1021803975146E-13
rpunto1:= -17495941.019392
rduepunti0 : = -7.6385964403061E+25
fil : = 489.81307925035
fipunto1 : = 2.4593297643796E+19
fi_gradi : = 28064.222191352
t1 : = 1.0810207044251E-14
tpunto1 : = 1.0071231580808
tduepunti0 : = 1.9686688393572E+17
v=v_elettrone : = 24663006.782336
x0= : 6.8487478541934E-13
y0= : -1.9563614254315E-13
*****
i=40616
k(40616)=0.99829385685414
kQ(40616)=0.99659062463272
r1= : 7.081661386501E-13
rpunto1:= -17504811.924504
rduepunti0 : = -7.5639528878599E+25
fil : = 489.81596352016
fipunto1 : = 2.4735403340067E+19
fi_gradi : = 28064.387447839
t1 : = 1.0810207162365E-14
tpunto1 : = 1.0071463928288
tduepunti0 : = 1.9811567949372E+17
v=v_elettrone : = 24704424.029702
x0= : 6.8345942370115E-13
y0= : -1.9311364566621E-13
```

```
*****
i=40617
k(40617)=0.99829214317116
kQ(40617)=0.99658720311727
r1= : 7.0611319718058E-13
rpunto1 : = -17513593.293374
rduerpunto10 : = -7.48760803978E+25
fil : = 489.81886445594
fipunto1 : = 2.4878816961562E+19
fi_grad1 : = 28064.553659216
t1 : = 1.0810207280481E-14
tpunto1 : = 1.0071697753064
tduepunto10 : = 1.9937532499062E+17
v=v_elettrone : = 24746032.553535
x0= : 6.8203737853729E-13
y0= : -1.9058933393182E-13
*****
i=40618
k(40618)=0.99829044650915
kQ(40618)=0.99658381559145
r1= : 7.0405922584359E-13
rpunto1 : = -17522283.091925
rduerpunto10 : = -7.4095287930672E+25
fil : = 489.82178221109
fipunto1 : = 2.5023554029617E+19
fi_grad1 : = 28064.720834271
t1 : = 1.0810207398601E-14
tpunto1 : = 1.0071933067982
tduepunto10 : = 2.0064592460564E+17
v=v_elettrone : = 24787833.642
x0= : 6.8060860550951E-13
y0= : -1.8806321633691E-13
*****
i=40619
k(40619)=0.99828876729999
kQ(40619)=0.99658046291734
r1= : 7.0200423537838E-13
rpunto1 : = -17530879.246466
rduerpunto10 : = -7.3296813742525E+25
fil : = 489.82471694081
fipunto1 : = 2.5169630277321E+19
fi_grad1 : = 28064.888981898
t1 : = 1.0810207516723E-14
tpunto1 : = 1.0072169886014
tduepunto10 : = 2.0192758324622E+17
v=v_elettrone : = 24829828.591241
x0= : 6.7917305979851E-13
y0= : -1.8553530213791E-13
*****
i=40620
k(40620)=0.99828710598397
kQ(40620)=0.99657714597385
r1= : 6.999482367674E-13
rpunto1 : = -17539379.642897
rduerpunto10 : = -7.2480313252239E+25
fil : = 489.82766880216
fipunto1 : = 2.5317061652465E+19
fi_grad1 : = 28065.058111095
t1 : = 1.0810207634848E-14
tpunto1 : = 1.0072408220251
tduepunto10 : = 2.032204065365E+17
v=v_elettrone : = 24872018.705613
x0= : 6.7773069617986E-13
y0= : -1.8300560085622E-13
```

```
*****
i=40621
k(40621)=0.99828546300993
kQ(40621)=0.99657386565694
r1= : 6.9789124124103E-13
rpunto1: = -17547782.125883
rduepunti0 : = -7.1645434887544E+25
fil : = 489.83063795407
fipunto1 : = 2.5465864320503E+19
fi_gradi : = 28065.228230969
t1 : = 1.0810207752976E-14
tpunto1 : = 1.0072648083913
tduepunti0 : = 2.0452450080487E+17
v=v_elettrone : = 24914405.298846
x0= : 6.7628146901988E-13
y0= : -1.804741222838E-13
*****
i=40622
k(40622)=0.99828383883544
kQ(40622)=0.99657062288002
r1= : 6.9583326028244E-13
rpunto1: = -17556084.498024
rduepunti0 : = -7.0791819937254E+25
fil : = 489.83362455736
fipunto1 : = 2.5616054667562E+19
fi_gradi : = 28065.399350732
t1 : = 1.0810207871107E-14
tpunto1 : = 1.0072889490344
tduepunti0 : = 2.0583997307045E+17
v=v_elettrone : = 24956989.691822
x0= : 6.7482533227153E-13
y0= : -1.7794087648867E-13
*****
i=40623
k(40623)=0.99828223392698
kQ(40623)=0.99656741857423
r1= : 6.9377430563249E-13
rpunto1: = -17564284.518993
rduepunti0 : = -6.9919102400405E+25
fil : = 489.83662877478
fipunto1 : = 2.5767649303466E+19
fi_gradi : = 28065.571479711
t1 : = 1.0810207989241E-14
tpunto1 : = 1.0073132453014
tduepunti0 : = 2.0716693102864E+17
v=v_elettrone : = 24999773.214664
x0= : 6.7336223947026E-13
y0= : -1.7540587382091E-13
*****
i=40624
k(40624)=0.99828064876005
kQ(40624)=0.99656425368878
r1= : 6.9171438929479E-13
rpunto1: = -17572379.904665
rduepunti0 : = -6.9026908832235E+25
fil : = 489.83965077102
fipunto1 : = 2.5920665064797E+19
fi_gradi : = 28065.744627342
t1 : = 1.0810208107377E-14
tpunto1 : = 1.007337698552
tduepunti0 : = 2.0850548303539E+17
v=v_elettrone : = 25042757.205206
x0= : 6.7189214372977E-13
y0= : -1.728691249184E-13
```

```
*****
i=40625
k(40625)=0.9982790838194
kQ(40625)=0.99656112919129
r1= : 6.8965352354085E-13
rpunto1: = -17580368.32623
rduepunti0 : = -6.8114858186951E+25
fil : = 489.84269071275
fipunto1 : = 2.6075119017984E+19
fi_gradi : = 28065.918803173
t1 : = 1.0810208225516E-14
tpunto1 : = 1.0073623101587
tduepunti0 : = 2.0985573809052E+17
v=v_elettrone : = 25085943.010074
x0= : 6.7041499773781E-13
y0= : -1.7033064071295E-13
*****
i=40626
k(40626)=0.99827753959915
kQ(40626)=0.99655804606813
r1= : 6.8759172091526E-13
rpunto1: = -17588247.409276
rduepunti0 : = -6.7182561657228E+25
fil : = 489.84574876863
fipunto1 : = 2.6231028462419E+19
fi_gradi : = 28066.094016868
t1 : = 1.0810208343658E-14
tpunto1 : = 1.007387081507
tduepunti0 : = 2.1121780581963E+17
v=v_elettrone : = 25129331.984083
x0= : 6.6893075375192E-13
y0= : -1.6779043243641E-13
*****
i=40627
k(40627)=0.99827601660301
kQ(40627)=0.99655500532477
r1= : 6.855289942411E-13
rpunto1: = -17596014.732864
rduepunti0 : = -6.6229622510384E+25
fil : = 489.84882510938
fipunto1 : = 2.6388410933598E+19
fi_gradi : = 28066.270278209
t1 : = 1.0810208461803E-14
tpunto1 : = 1.0074120139951
tduepunti0 : = 2.1259179645494E+17
v=v_elettrone : = 25172925.489599
x0= : 6.6743936359514E-13
y0= : -1.6524851162693E-13
*****
i=40628
k(40628)=0.99827451534442
kQ(40628)=0.99655200798613
r1= : 6.8346535662539E-13
rpunto1: = -17603667.828577
rduepunti0 : = -6.5255635921163E+25
fil : = 489.85191990773
fipunto1 : = 2.6547284206294E+19
fi_gradi : = 28066.447597093
t1 : = 1.0810208579951E-14
tpunto1 : = 1.0074371090343
tduepunti0 : = 2.1397782081464E+17
v=v_elettrone : = 25216724.897822
x0= : 6.6594077865168E-13
y0= : -1.6270489013553E-13
```

```
*****
i=40629
k(40629)=0.99827303634674
kQ(40629)=0.99654905509693
r1= : 6.814008214646E-13
rpunto1 : = -17611204.179553
rduepunti0 : = -6.4260188801087E+25
fil : = 489.85503333853
fipunto1 : = 2.6707666297751E+19
fi_gradi : = 28066.625983538
t1 : = 1.0810208698102E-14
tpunto1 : = 1.007462368049
tduepunti0 : = 2.1537599028105E+17
v=v_elettrone : = 25260731.587868
x0= : 6.6443494986254E-13
y0= : -1.6015958013251E-13
*****
i=40630
k(40630)=0.99827158014344
kQ(40630)=0.99654614772208
r1= : 6.7933540245043E-13
rpunto1 : = -17618621.219492
rduepunti0 : = -6.3242859624298E+25
fil : = 489.85816557874
fipunto1 : = 2.6869575470908E+19
fi_gradi : = 28066.805447682
t1 : = 1.0810208816256E-14
tpunto1 : = 1.0074877924767
tduepunti0 : = 2.1678641677716E+17
v=v_elettrone : = 25304946.946579
x0= : 6.629218277212E-13
y0= : -1.5761259411423E-13
*****
i=40631
k(40631)=0.99827014727829
kQ(40631)=0.99654328694702
r1= : 6.772691135755E-13
rpunto1 : = -17625916.331649
rduepunti0 : = -6.2203218249852E+25
fil : = 489.86131680744
fipunto1 : = 2.7033030237638E+19
fi_gradi : = 28066.985999787
t1 : = 1.0810208934413E-14
tpunto1 : = 1.0075133837681
tduepunti0 : = 2.182092127418E+17
v=v_elettrone : = 25349372.369244
x0= : 6.6140136226912E-13
y0= : -1.5506394490995E-13
*****
i=40632
k(40632)=0.99826873830553
kQ(40632)=0.99654047387812
r1= : 6.7520196913935E-13
rpunto1 : = -17633086.847801
rduepunti0 : = -6.114082574039E+25
fil : = 489.8644872059
fipunto1 : = 2.7198049362024E+19
fi_gradi : = 28067.167650239
t1 : = 1.0810209052573E-14
tpunto1 : = 1.007539143387
tduepunti0 : = 2.1964449110324E+17
v=v_elettrone : = 25394009.258655
x0= : 6.5987350309135E-13
y0= : -1.5251364568882E-13
```

```
*****
i=40633
k(40633)=0.99826735379008
kQ(40633)=0.99653770964305
r1= : 6.7313398375444E-13
rpunto1 : = -17640130.047194
rduepunti0 : = -6.0055234177143E+25
fil : = 489.86767695759
fipunto1 : = 2.7364651863644E+19
fi_gradi : = 28067.350409548
t1 : = 1.0810209170736E-14
tpunto1 : = 1.0075650728107
tduepunti0 : = 2.2109236525105E+17
v=v_elettrone : = 25438859.025563
x0= : 6.5833819931205E-13
y0= : -1.49961709967E-13
*****
i=40634
k(40634)=0.99826599430771
kQ(40634)=0.99653499539116
r1= : 6.710651723523E-13
rpunto1 : = -17647043.155464
rduepunti0 : = -5.8945986471207E+25
fil : = 489.87088624821
fipunto1 : = 2.7532857020886E+19
fi_gradi : = 28067.534288356
t1 : = 1.0810209288902E-14
tpunto1 : = 1.0075911735297
tduepunti0 : = 2.2255294900641E+17
v=v_elettrone : = 25483923.088407
x0= : 6.5679539958998E-13
y0= : -1.47408151615E-13
*****
i=40635
k(40635)=0.99826466044526
kQ(40635)=0.99653233229389
r1= : 6.6899555018986E-13
rpunto1 : = -17653823.343547
rduepunti0 : = -5.7812616171028E+25
fil : = 489.8741152657
fipunto1 : = 2.7702684374274E+19
fi_gradi : = 28067.71929743
t1 : = 1.0810209407071E-14
tpunto1 : = 1.0076174470481
tduepunti0 : = 2.2402635659053E+17
v=v_elettrone : = 25529202.873021
x0= : 6.5524505211401E-13
y0= : -1.4485298486512E-13
*****
i=40636
k(40636)=0.99826335280084
kQ(40636)=0.99652972154518
r1= : 6.6692513285582E-13
rpunto1 : = -17660467.726549
rduepunti0 : = -5.6654647266047E+25
fil : = 489.87736420033
fipunto1 : = 2.7874153729823E+19
fi_gradi : = 28067.905447672
t1 : = 1.0810209525243E-14
tpunto1 : = 1.0076438948832
tduepunti0 : = 2.2551270259126E+17
v=v_elettrone : = 25574699.813517
x0= : 6.5368710459849E-13
y0= : -1.4229622431909E-13
```

```
*****
i=40637
k(40637)=0.99826207198403
kQ(40637)=0.99652716436184
r1= : 6.6485393627722E-13
rpunto1 : = -17666973.362609
rduepunti0 : = -5.5471593986447E+25
fil : = 489.88063324466
fipunto1 : = 2.80472851624E+19
fi_gradi : = 28068.092750115
t1 : = 1.0810209643418E-14
tpunto1 : = 1.0076705185659
tduepunti0 : = 2.2701210192775E+17
v=v_elettrone : = 25620415.350316
x0= : 6.521215042788E-13
y0= : -1.3973788495574E-13
*****
i=40638
k(40638)=0.99826081861605
kQ(40638)=0.99652466198399
r1= : 6.6278197672613E-13
rpunto1 : = -17673337.251724
rduepunti0 : = -5.4262960598945E+25
fil : = 489.88392259361
fipunto1 : = 2.8222099019109E+19
fi_gradi : = 28068.281215927
t1 : = 1.0810209761596E-14
tpunto1 : = 1.0076973196405
tduepunti0 : = 2.2852466981315E+17
v=v_elettrone : = 25666350.931927
x0= : 6.5054819790662E-13
y0= : -1.3717798213912E-13
*****
i=40639
k(40639)=0.99825959333005
kQ(40639)=0.99652221567547
r1= : 6.6070927082644E-13
rpunto1 : = -17679556.334562
rduepunti0 : = -5.3028241198576E+25
fil : = 489.88723244451
fipunto1 : = 2.8398615922684E+19
fi_gradi : = 28068.470856415
t1 : = 1.0810209879777E-14
tpunto1 : = 1.0077242996651
tduepunti0 : = 2.3005052171512E+17
v=v_elettrone : = 25712508.014131
x0= : 6.489671317454E-13
y0= : -1.3461653162649E-13
*****
i=40640
k(40640)=0.99825839677122
kQ(40640)=0.99651982672425
r1= : 6.5863583556084E-13
rpunto1 : = -17685627.491238
rduepunti0 : = -5.1766919496419E+25
fil : = 489.89056299707
fipunto1 : = 2.8576856774896E+19
fi_gradi : = 28068.66168302
t1 : = 1.0810209997962E-14
tpunto1 : = 1.0077514602111
tduepunti0 : = 2.315897733142E+17
v=v_elettrone : = 25758888.059385
x0= : 6.4737825156567E-13
y0= : -1.3205354957662E-13
```



```
*****
i=40641
k(40641)=0.99825722959711
kQ(40641)=0.99651749644289
r1= : 6.5656168827791E-13
rpunto1: = -17691547.540077
rduepunti0 : = -5.0478468603206E+25
fil : = 489.8939144535
fipunto1 : = 2.875684275997E+19
fi_gradi : = 28068.853707328
t1 : = 1.081021011615E-14
tpunto1 : = 1.0077788028636
tduepunti0 : = 2.3314254045993E+17
v=v_elettrone : = 25805492.537145
x0= : 6.4578150264039E-13
y0= : -1.2948905255827E-13
*****
i=40642
k(40642)=0.99825609247775
kQ(40642)=0.99651522616896
r1= : 6.544868466994E-13
rpunto1: = -17697313.236341
rduepunti0 : = -4.9162350808765E+25
fil : = 489.89728701844
fipunto1 : = 2.8938595348007E+19
fi_gradi : = 28069.046941066
t1 : = 1.0810210234341E-14
tpunto1 : = 1.0078063292213
tduepunti0 : = 2.347089391245E+17
v=v_elettrone : = 25852322.923717
x0= : 6.4417682974028E-13
y0= : -1.269230575589E-13
*****
i=40643
k(40643)=0.99825498609596
kQ(40643)=0.99651301726545
r1= : 6.5241132892756E-13
rpunto1: = -17702921.270935
rduepunti0 : = -4.7818017357257E+25
fil : = 489.90068089909
fipunto1 : = 2.9122136298417E+19
fi_gradi : = 28069.241396103
t1 : = 1.0810210352535E-14
tpunto1 : = 1.0078340408965
tduepunti0 : = 2.3628908535399E+17
v=v_elettrone : = 25899380.702084
x0= : 6.425641771291E-13
y0= : -1.2435558199344E-13
*****
i=40644
k(40644)=0.9982539111475
kQ(40644)=0.99651087112129
r1= : 6.5033515345275E-13
rpunto1: = -17708368.269082
rduepunti0 : = -4.6444908218141E+25
fil : = 489.90409630518
fipunto1 : = 2.9307487663349E+19
fi_gradi : = 28069.437084458
t1 : = 1.0810210470733E-14
tpunto1 : = 1.0078619395151
tduepunti0 : = 2.3788309521704E+17
v=v_elettrone : = 25946667.361961
x0= : 6.4094348855891E-13
y0= : -1.2178664371333E-13
```

```
*****
i=40645
k(40645)=0.99825286834135
kQ(40645)=0.99650878915173
r1= : 6.4825833916111E-13
rpunto1: = -17713650.78898
rduepunti0 : = -4.5042451852842E+25
fil : = 489.90753344904
fipunto1 : = 2.9494671791126E+19
fi_gradi : = 28069.634018294
t1 : = 1.0810210588933E-14
tpunto1 : = 1.0078900267166
tduepunti0 : = 2.3949108475073E+17
v=v_elettrone : = 25994184.398447
x0= : 6.3931470726539E-13
y0= : -1.1921626101573E-13
*****
i=40646
k(40646)=0.9982518583999
kQ(40646)=0.99650677279885
r1= : 6.4618090534245E-13
rpunto1: = -17718765.320417
rduepunti0 : = -4.3610064977058E+25
fil : = 489.91099254561
fipunto1 : = 2.968371132968E+19
fi_gradi : = 28069.832209928
t1 : = 1.0810210707137E-14
tpunto1 : = 1.0079183041541
tduepunti0 : = 2.4111316990376E+17
v=v_elettrone : = 26041933.313907
x0= : 6.3767777596306E-13
y0= : -1.1664445265302E-13
*****
i=40647
k(40647)=0.9982508820592
kQ(40647)=0.99650482353198
r1= : 6.4410287169822E-13
rpunto1: = -17723708.283368
rduepunti0 : = -4.2147152318677E+25
fil : = 489.91447381248
fipunto1 : = 2.9874629229973E+19
fi_gradi : = 28070.031671828
t1 : = 1.0810210825345E-14
tpunto1 : = 1.0079467734943
tduepunti0 : = 2.4274946647665E+17
v=v_elettrone : = 26089915.616143
x0= : 6.3603263684052E-13
y0= : -1.1407123784232E-13
*****
i=40648
k(40648)=0.99824994006923
kQ(40648)=0.99650294284822
r1= : 6.4202425834975E-13
rpunto1: = -17728476.026563
rduepunti0 : = -4.0653106371265E+25
fil : = 489.91797746996
fipunto1 : = 3.0067448749421E+19
fi_gradi : = 28070.232416614
t1 : = 1.0810210943555E-14
tpunto1 : = 1.0079754364175
tduepunti0 : = 2.4440009005895E+17
v=v_elettrone : = 26138132.818411
x0= : 6.3437923155568E-13
y0= : -1.1149663627533E-13
```

```
*****
i=40649
k(40649)=0.99824903319406
kQ(40649)=0.99650113227288
r1= : 6.3994508584659E-13
rpunto1: = -17733064.826019
rduepunti0 : = -3.9127307143078E+25
fil : = 489.92150374107
fipunto1 : = 3.02621934553E+19
fi_gradi : = 28070.434457066
t1 : = 1.0810211061769E-14
tpunto1 : = 1.0080042946175
tduepunti0 : = 2.4606515596319E+17
v=v_elettrone : = 26186586.439658
x0= : 6.32717501231E-13
y0= : -1.0892066812847E-13
*****
i=40650
k(40650)=0.99824816221217
kQ(40650)=0.99649939335997
r1= : 6.3786537517503E-13
rpunto1: = -17737470.883545
rduepunti0 : = -3.756912190158E+25
fil : = 489.92505285157
fipunto1 : = 3.0458887228144E+19
fi_gradi : = 28070.637806119
t1 : = 1.0810211179987E-14
tpunto1 : = 1.0080333498015
tduepunti0 : = 2.4774477915567E+17
v=v_elettrone : = 26235278.004743
x0= : 6.3104738644867E-13
y0= : -1.0634335407308E-13
*****
i=40651
k(40651)=0.99824732791663
kQ(40651)=0.99649772769269
r1= : 6.357851477668E-13
rpunto1: = -17741690.325222
rduepunti0 : = -3.5977904913417E+25
fil : = 489.92862503007
fipunto1 : = 3.0657554265115E+19
fi_gradi : = 28070.84247687
t1 : = 1.0810211298208E-14
tpunto1 : = 1.0080626036902
tduepunti0 : = 2.4943907418365E+17
v=v_elettrone : = 26284209.042602
x0= : 6.2936882724587E-13
y0= : -1.0376471528582E-13
*****
i=40652
k(40652)=0.99824653111541
kQ(40652)=0.99649613688394
r1= : 6.3370442550796E-13
rpunto1: = -17745719.199843
rduepunti0 : = -3.4352997179844E+25
fil : = 489.93222050797
fipunto1 : = 3.0858219083363E+19
fi_gradi : = 28071.04848258
t1 : = 1.0810211416432E-14
tpunto1 : = 1.0080920580176
tduepunti0 : = 2.5114815509914E+17
v=v_elettrone : = 26333381.087836
x0= : 6.2768176310994E-13
y0= : -1.0118477345952E-13
```

```
*****
i=40653
k(40653)=0.99824577263156
kQ(40653)=0.99649462257677
r1= : 6.3162323074797E-13
rpunto1: = -17749553.477328
rduepunti0 : = -3.2693726167564E+25
fil : = 489.93583951958
fipunto1 : = 3.1060906523355E+19
fi_gradi : = 28071.255836671
t1 : = 1.081021153466E-14
tpunto1 : = 1.0081217145312
tduepunti0 : = 2.5287213537884E+17
v=v_elettrone : = 26382795.678649
x0= : 6.2598613297361E-13
y0= : -9.8603550813996E-14
*****
i=40654
k(40654)=0.99824505330352
kQ(40654)=0.99649318644494
r1= : 6.2954158630893E-13
rpunto1: = -17753189.047104
rduepunti0 : = -3.0999405534963E+25
fil : = 489.93948230211
fipunto1 : = 3.126564175217E+19
fi_gradi : = 28071.464552736
t1 : = 1.0810211652891E-14
tpunto1 : = 1.0081515749916
tduepunti0 : = 2.546111278403E+17
v=v_elettrone : = 26432454.358643
x0= : 6.2428187521019E-13
y0= : -9.6021070107343E-14
*****
i=40655
k(40655)=0.99824437398534
kQ(40655)=0.99649183019338
r1= : 6.2745951549502E-13
rpunto1: = -17756621.71645
rduepunti0 : = -2.9269334853744E+25
fil : = 489.94314909573
fipunto1 : = 3.1472450266766E+19
fi_gradi : = 28071.674644534
t1 : = 1.0810211771125E-14
tpunto1 : = 1.0081816411725
tduepunti0 : = 2.5636524455398E+17
v=v_elettrone : = 26482358.674769
x0= : 6.2256892762882E-13
y0= : -9.3437354647209E-14
*****
i=40656
k(40656)=0.99824373554695
kQ(40656)=0.99649055555873
r1= : 6.2537704210213E-13
rpunto1: = -17759847.208818
rduepunti0 : = -2.7502799325926E+25
fil : = 489.94684014357
fipunto1 : = 3.1681357897206E+19
fi_gradi : = 28071.886125997
t1 : = 1.0810211889364E-14
tpunto1 : = 1.0082119148607
tduepunti0 : = 2.5813459675122E+17
v=v_elettrone : = 26532510.177526
x0= : 6.2084722746967E-13
y0= : -9.0852428302534E-14
```

```
*****
i=40657
k(40657)=0.99824313887441
kQ(40657)=0.99648936430984
r1= : 6.2329419042771E-13
rpunto1:= -17762861.162108
rduepunti0 : = -2.5699069496222E+25
fil : = 489.95055569183
fipunto1 : = 3.1892390809839E+19
fi_gradi : = 28072.099011231
t1 : = 1.0810212007605E-14
tpunto1 : = 1.008242397856
tduepunti0 : = 2.5991929472773E+17
v=v_elettrone : = 26582910.42119
x0= : 6.1911671139917E-13
y0= : -8.8266315515486E-14
*****
i=40658
k(40658)=0.99824258487018
kQ(40658)=0.99648825824831
r1= : 6.2121098528078E-13
rpunto1:= -17765659.126919
rduepunti0 : = -2.3857400959803E+25
fil : = 489.95429598975
fipunto1 : = 3.2105575510428E+19
fi_gradi : = 28072.313314516
t1 : = 1.0810212125851E-14
tpunto1 : = 1.0082730919708
tduepunti0 : = 2.6171944774269E+17
v=v_elettrone : = 26633560.962897
x0= : 6.1737731550529E-13
y0= : -8.5679041313564E-14
*****
i=40659
k(40659)=0.99824207445338
kQ(40659)=0.99648723920898
r1= : 6.191274519922E-13
rpunto1:= -17768236.564758
rduepunti0 : = -2.1977034065433E+25
fil : = 489.95806128969
fipunto1 : = 3.2320938847234E+19
fi_gradi : = 28072.529050311
t1 : = 1.08102122441E-14
tpunto1 : = 1.0083039990305
tduepunti0 : = 2.6353516391305E+17
v=v_elettrone : = 26684463.362414
x0= : 6.1562897529277E-13
y0= : -8.3090631322058E-14
*****
i=40660
k(40660)=0.99824160856003
kQ(40660)=0.99648630906051
r1= : 6.1704361642508E-13
rpunto1:= -17770588.846216
rduepunti0 : = -2.0057193614021E+25
fil : = 489.96185184717
fipunto1 : = 3.2538508014021E+19
fi_gradi : = 28072.746233257
t1 : = 1.0810212362352E-14
tpunto1 : = 1.0083351208728
tduepunti0 : = 2.6536655010297E+17
v=v_elettrone : = 26735619.182156
x0= : 6.1387162567841E-13
y0= : -8.0501111776752E-14
```

```
*****
i=40661
k(40661)=0.99824118814336
kQ(40661)=0.99648546970586
r1= : 6.1495950498546E-13
rpunto1 : = -17772711.249115
rduepunti0 : = -1.8097088552593E+25
fil : = 489.96566792087
fipunto1 : = 3.2758310553015E+19
fi_gradi : = 28072.964878174
t1 : = 1.0810212480609E-14
tpunto1 : = 1.0083664593477
tduepunti0 : = 2.6721371180816E+17
v=v_elettrone : = 26787029.986073
x0= : 6.1210520098644E-13
y0= : -7.7910509536845E-14
*****
i=40662
k(40662)=0.99824081417405
kQ(40662)=0.99648472308286
r1= : 6.128751446332E-13
rpunto1 : = -17774598.956603
rduepunti0 : = -1.609591166372E+25
fil : = 489.96950977273
fipunto1 : = 3.298037435777E+19
fi_gradi : = 28073.185000071
t1 : = 1.0810212598868E-14
tpunto1 : = 1.0083980163177
tduepunti0 : = 2.6907675303494E+17
v=v_elettrone : = 26838697.339917
x0= : 6.1032963494374E-13
y0= : -7.5318852098262E-14
*****
i=40663
k(40663)=0.9982404876405
kQ(40663)=0.99648407116473
r1= : 6.1079056289307E-13
rpunto1 : = -17776247.055228
rduepunti0 : = -1.4052839250449E+25
fil : = 489.97337766794
fipunto1 : = 3.3204727675965E+19
fi_gradi : = 28073.406614142
t1 : = 1.0810212717132E-14
tpunto1 : = 1.0084297936571
tduepunti0 : = 2.7095577617381E+17
v=v_elettrone : = 26890622.810384
x0= : 6.0854486067532E-13
y0= : -7.2726167607148E-14
*****
i=40664
k(40664)=0.9982402095491
kQ(40664)=0.99648351596063
r1= : 6.0870578786609E-13
rpunto1 : = -17777650.532965
rduepunti0 : = -1.1967030816774E+25
fil : = 489.97727187501
fipunto1 : = 3.3431399112107E+19
fi_gradi : = 28073.629735772
t1 : = 1.0810212835399E-14
tpunto1 : = 1.008461793252
tduepunti0 : = 2.7285088186732E+17
v=v_elettrone : = 26942807.965407
x0= : 6.0675081069964E-13
y0= : -7.0132484873724E-14
```

```
*****
i=40665
k(40665)=0.99823998092452
kQ(40665)=0.99648305951619
r1= : 6.0662084824108E-13
rpunto1 : = -17778804.27721
rduepunti0 : = -9.8376287437189E+24
fil : = 489.98119266582
fipunto1 : = 3.3660417630143E+19
fi_gradi : = 28073.854380538
t1 : = 1.081021295367E-14
tpunto1 : = 1.0084940170001
tduepunti0 : = 2.7476216887198E+17
v=v_elettrone : = 26995254.372456
x0= : 6.0494741692412E-13
y0= : -6.7537833386314E-14
*****
i=40666
k(40666)=0.99823980280996
kQ(40666)=0.99648270391407
r1= : 6.0453577330645E-13
rpunto1 : = -17779703.072729
rduepunti0 : = -7.6637579610891E+24
fil : = 489.98514031561
fipunto1 : = 3.3891812555963E+19
fi_gradi : = 28074.08056421
t1 : = 1.0810213071945E-14
tpunto1 : = 1.0085264668106
tduepunti0 : = 2.7668973391402E+17
v=v_elettrone : = 27047963.599314
x0= : 6.0313461064055E-13
y0= : -6.4942243325886E-14
*****
i=40667
k(40667)=0.99823967626743
kQ(40667)=0.9964824512745
r1= : 6.0245059296225E-13
rpunto1 : = -17780341.599579
rduepunti0 : = -5.4445256149804E+24
fil : = 489.9891151031
fipunto1 : = 3.4125613579794E+19
fi_gradi : = 28074.308302758
t1 : = 1.0810213190224E-14
tpunto1 : = 1.0085591446035
tduepunti0 : = 2.7863367153877E+17
v=v_elettrone : = 27100937.212652
x0= : 6.0131232252068E-13
y0= : -6.2345745580692E-14
*****
i=40668
k(40668)=0.99823960237801
kQ(40668)=0.9964823037558
r1= : 6.0036533773246E-13
rpunto1 : = -17780714.430977
rduepunti0 : = -3.1790207311345E+24
fil : = 489.99311731047
fipunto1 : = 3.4361850758472E+19
fi_gradi : = 28074.537612349
t1 : = 1.0810213308507E-14
tpunto1 : = 1.0085920523099
tduepunti0 : = 2.8059407395339E+17
v=v_elettrone : = 27154176.778418
x0= : 5.9948048261177E-13
y0= : -5.9748371761378E-14
```

```
*****
i=40669
k(40669)=0.99823958224216
kQ(40669)=0.996482263555
r1= : 5.982800387775E-13
rpunto1: = -17780816.031136
rduepunti0 : = -8.6631387424807E+23
fil : = 489.99714722343
fipunto1 : = 3.460055451758E+19
fi_gradi : = 28074.768509353
t1 : = 1.0810213426793E-14
tpunto1 : = 1.0086251918711
tduepunti0 : = 2.8257103086267E+17
v=v_elettrone : = 27207683.860031
x0= : 5.9763902033223E-13
y0= : -5.7150154216266E-14
*****
i=40670
k(40670)=0.99823961697995
kQ(40670)=0.99648233290829
r1= : 5.9619472790699E-13
rpunto1: = -17780640.753063
rduepunti0 : = 1.4945431966474E+24
fil : = 490.00120513125
fipunto1 : = 3.4841755653451E+19
fi_gradi : = 28075.001010345
t1 : = 1.0810213545083E-14
tpunto1 : = 1.008658565239
tduepunti0 : = 2.8456462929773E+17
v=v_elettrone : = 27261460.019058
x0= : 5.9578786446737E-13
y0= : -5.4551126047167E-14
*****
i=40671
k(40671)=0.99823970773138
kQ(40671)=0.99648251409163
r1= : 5.9410943759287E-13
rpunto1: = -17780182.836308
rduepunti0 : = 3.9045178766037E+24
fil : = 490.00529132683
fipunto1 : = 3.5085485335013E+19
fi_gradi : = 28075.235132106
t1 : = 1.0810213663377E-14
tpunto1 : = 1.0086921743751
tduepunti0 : = 2.8657495343722E+17
v=v_elettrone : = 27315506.81437
x0= : 5.9392694316509E-13
y0= : -5.1951321125332E-14
*****
i=40672
k(40672)=0.99823985565659
kQ(40672)=0.99648280942128
r1= : 5.9202420098263E-13
rpunto1: = -17779436.40468
rduepunti0 : = 6.3645970668181E+24
fil : = 490.0094061067
fipunto1 : = 3.5331775105481E+19
fi_gradi : = 28075.470891626
t1 : = 1.0810213781675E-14
tpunto1 : = 1.0087260212505
tduepunti0 : = 2.8860208442086E+17
v=v_elettrone : = 27369825.800918
x0= : 5.920561839318E-13
y0= : -4.9350774107788E-14
```



```
*****
i=40673
k(40673)=0.99824006193618
kQ(40673)=0.99648322125434
r1= : 5.8993905191292E-13
rpunto1: = -17778395.463917
rduepunti0 : = 8.8757875301743E+24
fil : = 490.01354977112
fipunto1 : = 3.5580656883862E+19
fi_gradi : = 28075.708306109
t1 : = 1.0810213899977E-14
tpunto1 : = 1.0087601078453
tduepunti0 : = 2.9064610015494E+17
v=v_elettrone : = 27424418.529422
x0= : 5.9017551362831E-13
y0= : -4.674952045411E-14
*****
i=40674
k(40674)=0.99824032777147
kQ(40674)=0.99648375198929
r1= : 5.8785402492337E-13
rpunto1: = -17777053.89931
rduepunti0 : = 1.1439116250089E+25
fil : = 490.01772262407
fipunto1 : = 3.5832162966288E+19
fi_gradi : = 28075.947392971
t1 : = 1.0810214018284E-14
tpunto1 : = 1.0087944361486
tduepunti0 : = 2.9270707510957E+17
v=v_elettrone : = 27479286.545901
x0= : 5.8828485846584E-13
y0= : -4.4147596443506E-14
*****
i=40675
k(40675)=0.99824065438476
kQ(40675)=0.99648440406651
r1= : 5.8576915527078E-13
rpunto1: = -17775405.473297
rduepunti0 : = 1.4055630792446E+25
fil : = 490.02192497332
fipunto1 : = 3.6086326027144E+19
fi_gradi : = 28076.188169848
t1 : = 1.0810214136594E-14
tpunto1 : = 1.0088290081576
tduepunti0 : = 2.9478508010725E+17
v=v_elettrone : = 27534431.39082
x0= : 5.8638414400214E-13
y0= : -4.1545039192226E-14
*****
i=40676
k(40676)=0.99824104301959
kQ(40676)=0.99648517996884
r1= : 5.8368447894343E-13
rpunto1: = -17773443.822999
rduepunti0 : = 1.6726399670415E+25
fil : = 490.02615713048
fipunto1 : = 3.634317911998E+19
fi_gradi : = 28076.430654591
t1 : = 1.0810214254908E-14
tpunto1 : = 1.0088638258775
tduepunti0 : = 2.9688018210258E+17
v=v_elettrone : = 27589854.598289
x0= : 5.8447329513769E-13
y0= : -3.8941886671365E-14
```

```
*****
i=40677
k(40677)=0.99824149494103
kQ(40677)=0.9964860822221
r1= : 5.8160003267586E-13
rpunto1: = -17771162.457726
rduepunti0 : = 1.9452512711898E+25
fil : = 490.03041941104
fipunto1 : = 3.660275567821E+19
fi_gradi : = 28076.674865278
t1 : = 1.0810214373226E-14
tpunto1 : = 1.0088988913206
tduepunti0 : = 2.9899244395264E+17
v=v_elettrone : = 27645557.695779
x0= : 5.8255223611199E-13
y0= : -3.6338177725063E-14
*****
i=40678
k(40678)=0.99824201143589
kQ(40678)=0.99648711339557
r1= : 5.7951585396383E-13
rpunto1: = -17768554.75643
rduepunti0 : = 2.2235081429337E+25
fil : = 490.0347121344
fipunto1 : = 3.6865089515555E+19
fi_gradi : = 28076.920820209
t1 : = 1.0810214491548E-14
tpunto1 : = 1.0089342065064
tduepunti0 : = 3.0112192417787E+17
v=v_elettrone : = 27701542.202587
x0= : 5.8062089050001E-13
y0= : -3.3733952089001E-14
*****
i=40679
k(40679)=0.99824259381303
kQ(40679)=0.99648827610257
r1= : 5.7743198107961E-13
rpunto1: = -17765613.965119
rduepunti0 : = 2.5075239391616E+25
fil : = 490.03903562393
fipunto1 : = 3.7130214826246E+19
fi_gradi : = 28077.168537912
t1 : = 1.0810214609875E-14
tpunto1 : = 1.0089697734605
tduepunti0 : = 3.0326867671293E+17
v=v_elettrone : = 27757809.629474
x0= : 5.7867918120871E-13
y0= : -3.1129250409418E-14
*****
i=40680
k(40680)=0.99824324340359
kQ(40680)=0.99648957300092
r1= : 5.7534845308754E-13
rpunto1: = -17762333.194228
rduepunti0 : = 2.7974142597715E+25
fil : = 490.04339020701
fipunto1 : = 3.739816618494E+19
fi_gradi : = 28077.418037144
t1 : = 1.0810214728205E-14
tpunto1 : = 1.0090055942144
tduepunti0 : = 3.0543275064726E+17
v=v_elettrone : = 27814361.477514
x0= : 5.7672703047374E-13
y0= : -2.8524114262449E-14
```

```
*****
i=40681
k(40681)=0.99824396156123
kQ(40681)=0.99649100679345
r1= : 5.7326530986E-13
rpunto1: = -17758705.415943
rduepunti0 : = 3.0932969851796E+25
fil : = 490.04777621507
fipunto1 : = 3.7668978546362E+19
fi_gradi : = 28077.669336895
t1 : = 1.081021484654E-14
tpunto1 : = 1.0090416708047
tduepunti0 : = 3.0761418995502E+17
v=v_elettrone : = 27871199.238111
x0= : 5.7476435985626E-13
y0= : -2.5918586173912E-14
*****
i=40682
k(40682)=0.99824474966237
kQ(40682)=0.99649258022849
r1= : 5.7118259209356E-13
rpunto1: = -17754723.461483
rduepunti0 : = 3.3952923139337E+25
fil : = 490.05219398365
fipunto1 : = 3.7942687244631E+19
fi_gradi : = 28077.92245639
t1 : = 1.0810214964879E-14
tpunto1 : = 1.0090780052724
tduepunti0 : = 3.0981303321389E+17
v=v_elettrone : = 27928324.390515
x0= : 5.7279109023985E-13
y0= : -2.3312709639375E-14
*****
i=40683
k(40683)=0.99824560910646
kQ(40683)=0.99649429610032
r1= : 5.6910034132553E-13
rpunto1: = -17750380.018335
rduepunti0 : = 3.7035228003933E+25
fil : = 490.05664385244
fipunto1 : = 3.8219327992265E+19
fi_gradi : = 28078.17741509
t1 : = 1.0810215083223E-14
tpunto1 : = 1.0091145996625
tduepunti0 : = 3.1202931331255E+17
v=v_elettrone : = 27985738.402676
x0= : 5.7080714182768E-13
y0= : -2.0706529144884E-14
*****
i=40684
k(40684)=0.99824654131616
kQ(40684)=0.99649615724968
r1= : 5.6701859995084E-13
rpunto1: = -17745667.627452
rduepunti0 : = 4.0181133924314E+25
fil : = 490.06112616528
fipunto1 : = 3.8498936878843E+19
fi_gradi : = 28078.434232699
t1 : = 1.081021520157E-14
tpunto1 : = 1.0091514560232
tduepunti0 : = 3.1426305714615E+17
v=v_elettrone : = 28043442.728761
x0= : 5.6881243413978E-13
y0= : -1.8100090187836E-14
```

```
*****
i=40685
k(40685)=0.99824754773762
kQ(40685)=0.99649816656417
r1= : 5.6493741123919E-13
rpunto1: = -17740578.680396
rduepunti0 : = 4.3391914691133E+25
fil : = 490.06564127029
fipunto1 : = 3.8781550369298E+19
fi_gradi : = 28078.69292916
t1 : = 1.0810215319922E-14
tpunto1 : = 1.009188576405
tduepunti0 : = 3.1651428529965E+17
v=v_elettrone : = 28101438.808716
x0= : 5.6680688601049E-13
y0= : -1.5493439298522E-14
*****
i=40686
k(40686)=0.99824862984064
kQ(40686)=0.99650032697872
r1= : 5.628568193526E-13
rpunto1: = -17735105.416446
rduepunti0 : = 4.6668868783008E+25
fil : = 490.07018951985
fipunto1 : = 3.9067205301835E+19
fi_gradi : = 28078.953524664
t1 : = 1.0810215438279E-14
tpunto1 : = 1.0092259628601
tduepunti0 : = 3.187830117184E+17
v=v_elettrone : = 28159728.067307
x0= : 5.647904155861E-13
y0= : -1.2886624062021E-14
*****
i=40687
k(40687)=0.99824978911892
kQ(40687)=0.99650264147597
r1= : 5.6077686936326E-13
rpunto1: = -17729239.919657
rduepunti0 : = 5.0013319741299E+25
fil : = 490.07477127064
fipunto1 : = 3.935593888543E+19
fi_gradi : = 28079.216039647
t1 : = 1.0810215556639E-14
tpunto1 : = 1.0092636174414
tduepunti0 : = 3.2106924336559E+17
v=v_elettrone : = 28218311.913065
x0= : 5.6276294032271E-13
y0= : -1.0279693140522E-14
*****
i=40688
k(40688)=0.99825102709024
kQ(40688)=0.99650511308671
r1= : 5.5869760727172E-13
rpunto1: = -17722974.11588
rduepunti0 : = 5.3426616543027E+25
fil : = 490.07938688372
fipunto1 : = 3.9647788696904E+19
fi_gradi : = 28079.480494796
t1 : = 1.0810215675005E-14
tpunto1 : = 1.009301542202
tduepunti0 : = 3.2337297986617E+17
v=v_elettrone : = 28277191.736753
x0= : 5.6072437698428E-13
y0= : -7.6726962961081E-15
```

```
*****
i=40689
k(40689)=0.99825234529663
kQ(40689)=0.99650774489023
r1= : 5.5661908002546E-13
rpunto1: = -17716299.76973
rduepunti0 : = 5.691013397133E+25
fil : = 490.08403672458
fipunto1 : = 3.9942792677548E+19
fi_gradi : = 28079.746911053
t1 : = 1.0810215793374E-14
tpunto1 : = 1.0093397391937
tduepunti0 : = 3.256942131367E+17
v=v_elettrone : = 28336368.910368
x0= : 5.5867464164088E-13
y0= : -5.0656844140502E-15
*****
i=40690
k(40690)=0.9982537453046
kQ(40690)=0.99651054001466
r1= : 5.5454133553779E-13
rpunto1: = -17709208.481523
rduepunti0 : = 6.0465272982785E+25
fil : = 490.08872116311
fipunto1 : = 4.0240989129254E+19
fi_gradi : = 28080.01530961
t1 : = 1.0810215911748E-14
tpunto1 : = 1.0093782104668
tduepunti0 : = 3.2803292700068E+17
v=v_elettrone : = 28395844.785696
x0= : 5.5661364966721E-13
y0= : -2.4587095265558E-15
*****
i=40691
k(40691)=0.99825522870525
kQ(40691)=0.99651350163737
r1= : 5.5246442270714E-13
rpunto1: = -17701691.684157
rduepunti0 : = 6.4093461070886E+25
fil : = 490.09344057373
fipunto1 : = 4.0542416710156E+19
fi_gradi : = 28080.285711921
t1 : = 1.0810216030127E-14
tpunto1 : = 1.0094169580683
tduepunti0 : = 3.3038909678891E+17
v=v_elettrone : = 28455620.693844
x0= : 5.5454131574136E-13
y0= : 1.4817516297661E-16
*****
i=40692
k(40692)=0.99825679711444
kQ(40692)=0.99651663298518
r1= : 5.5038839143666E-13
rpunto1: = -17693740.639965
rduepunti0 : = 6.7796152624938E+25
fil : = 490.09819533539
fipunto1 : = 4.0847114429725E+19
fi_gradi : = 28080.558139696
t1 : = 1.081021614851E-14
tpunto1 : = 1.0094559840417
tduepunti0 : = 3.3276268892437E+17
v=v_elettrone : = 28515697.942431
x0= : 5.524575538438E-13
y0= : 2.7549152553354E-15
```

```
*****
i=40693
k(40693)=0.99825845217295
kQ(40693)=0.99651993733473
r1= : 5.4831329265426E-13
rpunto1: = -17685346.437511
rduepunti0 : = 7.1574829283528E+25
fil : = 490.1029858316
fipunto1 : = 4.115512164331E+19
fi_gradi : = 28080.83261491
t1 : = 1.0810216266897E-14
tpunto1 : = 1.009495290425
tduepunti0 : = 3.3515366049111E+17
v=v_elettrone : = 28576077.81569
x0= : 5.5036227725665E-13
y0= : 5.3614551301564E-15
*****
i=40694
k(40694)=0.99826019554657
kQ(40694)=0.99652341801267
r1= : 5.4623917833295E-13
rpunto1: = -17676499.988361
rduepunti0 : = 7.5431000281737E+25
fil : = 490.10781245049
fipunto1 : = 4.1466478046079E+19
fi_gradi : = 28081.109159802
t1 : = 1.081021638529E-14
tpunto1 : = 1.0095348792505
tduepunti0 : = 3.375619587866E+17
v=v_elettrone : = 28636761.572238
x0= : 5.4825539856329E-13
y0= : 7.9677379203025E-15
*****
i=40695
k(40695)=0.99826202892622
kQ(40695)=0.99652707839589
r1= : 5.4416610151164E-13
rpunto1: = -17667192.023803
rduepunti0 : = 7.9366202791163E+25
fil : = 490.11267558485
fipunto1 : = 4.1781223666344E+19
fi_gradi : = 28081.387796876
t1 : = 1.0810216503687E-14
tpunto1 : = 1.0095747525427
tduepunti0 : = 3.399875208571E+17
v=v_elettrone : = 28697750.443263
x0= : 5.4613682964817E-13
y0= : 1.0573705485613E-14
*****
i=40696
k(40696)=0.99826395402806
kQ(40696)=0.99653092191173
r1= : 5.4209411631624E-13
rpunto1: = -17657413.091532
rduepunti0 : = 8.3382002251762E+25
fil : = 490.11757563217
fipunto1 : = 4.2099398858226E+19
fi_gradi : = 28081.668548907
t1 : = 1.0810216622088E-14
tpunto1 : = 1.0096149123177
tduepunti0 : = 3.424302730154E+17
v=v_elettrone : = 28759045.631975
x0= : 5.4400648169707E-13
y0= : 1.3179298386085E-14
```

```
*****
i=40697
k(40697)=0.99826597259352
kQ(40697)=0.99653495203809
r1= : 5.4002327798125E-13
rpunto1: = -17647153.552296
rduepunti0 : = 8.7479992694486E+25
fil : = 490.12251299465
fipunto1 : = 4.2421044293628E+19
fi_gradi : = 28081.95143894
t1 : = 1.0810216740495E-14
tpunto1 : = 1.0096553605815
tduepunti0 : = 3.4489013034053E+17
v=v_elettrone : = 28820648.311173
x0= : 5.4186426519753E-13
y0= : 1.5784455854677E-14
*****
i=40698
k(40698)=0.9982680863894
kQ(40698)=0.99653917230355
r1= : 5.3795364287161E-13
rpunto1: = -17636403.576509
rduepunti0 : = 9.1661797053593E+25
fil : = 490.1274880793
fipunto1 : = 4.2746200953489E+19
fi_gradi : = 28082.236490292
t1 : = 1.0810216858906E-14
tpunto1 : = 1.0096960993289
tduepunti0 : = 3.4736699615869E+17
v=v_elettrone : = 28882559.621914
x0= : 5.397100899398E-13
y0= : 1.8389115769459E-14
*****
i=40699
k(40699)=0.99827029720784
kQ(40699)=0.99654358628744
r1= : 5.3588526850509E-13
rpunto1: = -17625153.140824
rduepunti0 : = 9.5929067467448E+25
fil : = 490.13250129789
fipunto1 : = 4.3074910118265E+19
fi_gradi : = 28082.52372656
t1 : = 1.0810216977322E-14
tpunto1 : = 1.0097371305419
tduepunti0 : = 3.4986076150502E+17
v=v_elettrone : = 28944780.671575
x0= : 5.3754386501804E-13
y0= : 2.0993214625261E-14
*****
i=40700
k(40700)=0.99827260686641
kQ(40700)=0.99654819761985
r1= : 5.3381821357496E-13
rpunto1: = -17613392.024674
rduepunti0 : = 1.0028348556657E+26
fil : = 490.13755306706
fipunto1 : = 4.3407213357625E+19
fi_gradi : = 28082.813171612
t1 : = 1.0810217095742E-14
tpunto1 : = 1.009778456188
tduepunti0 : = 3.5237130456556E+17
v=v_elettrone : = 29007312.532396
x0= : 5.3536549883194E-13
y0= : 2.3596687504752E-14
```

```
*****
i=40701
k(40701)=0.99827501720799
kQ(40701)=0.99655300998162
r1= : 5.3175253797317E-13
rpunto1: = -17601109.806782
rduerpunti0 : = 1.047267627476E+26
fil : = 490.14264380833
fipunto1 : = 4.3743152519289E+19
fi_gradi : = 28083.104849601
t1 : = 1.0810217214168E-14
tpunto1 : = 1.0098200782192
tduepunti0 : = 3.5489849009871E+17
v=v_elettrone : = 29070156.23927
x0= : 5.3317489908876E-13
y0= : 2.6199468049004E-14
*****
i=40702
k(40702)=0.99827753010083
kQ(40702)=0.99655802710422
r1= : 5.2968830281384E-13
rpunto1: = -17588295.861639
rduerpunti0 : = 1.0926064043177E+26
fil : = 490.1477739481
fipunto1 : = 4.4082769716997E+19
fi_gradi : = 28083.398784958
t1 : = 1.0810217332598E-14
tpunto1 : = 1.0098619985697
tduepunti0 : = 3.5744216883585E+17
v=v_elettrone : = 29133312.787811
x0= : 5.3097197280579E-13
y0= : 2.8801488427446E-14
*****
i=40703
k(40703)=0.9982801474384
kQ(40703)=0.99656325276964
r1= : 5.2762557045726E-13
rpunto1: = -17574939.355957
rduerpunti0 : = 1.1388689030634E+26
fil : = 490.15294391773
fipunto1 : = 4.4426107317544E+19
fi_gradi : = 28083.695002398
t1 : = 1.0810217451033E-14
tpunto1 : = 1.0099042191546
tduepunti0 : = 3.6000217686028E+17
v=v_elettrone : = 29196783.132742
x0= : 5.2875662631322E-13
y0= : 3.1402679307244E-14
*****
i=40704
k(40704)=0.99828287113934
kQ(40704)=0.99656869081021
r1= : 5.2556440453421E-13
rpunto1: = -17561029.245087
rduerpunti0 : = 1.1860731454755E+26
fil : = 490.15815415355
fipunto1 : = 4.4773207926854E+19
fi_gradi : = 28083.993526921
t1 : = 1.0810217569474E-14
tpunto1 : = 1.009946741868
tduepunti0 : = 3.6257833496397E+17
v=v_elettrone : = 29260568.185566
x0= : 5.2652876525753E-13
y0= : 3.4002969822162E-14
```



```
*****
i=40705
k(40705)=0.9982857031473
kQ(40705)=0.9965743451083
r1= : 5.2350486997078E-13
rpunto1: = -17546554.269427
rduepunti0 : = 1.2342374602325E+26
fil : = 490.16340509687
fipunto1 : = 4.5124114375028E+19
fi_gradi : = 28084.294383812
t1 : = 1.0810217687919E-14
tpunto1 : = 1.009989568581
tduepunti0 : = 3.651704479816E+17
v=v_elettrone : = 29324668.812173
x0= : 5.2428829460534E-13
y0= : 3.6602287540802E-14
*****
i=40706
k(40706)=0.9982886454308
kQ(40706)=0.99658021959606
r1= : 5.2144703301359E-13
rpunto1: = -17531502.950798
rduepunti0 : = 1.2833804847354E+26
fil : = 490.16869719404
fipunto1 : = 4.5478869700328E+19
fi_gradi : = 28084.597598644
t1 : = 1.0810217806369E-14
tpunto1 : = 1.0100327011399
tduepunti0 : = 3.677783041011E+17
v=v_elettrone : = 29389085.831401
x0= : 5.2203511864775E-13
y0= : 3.9200558434214E-14
*****
i=40707
k(40707)=0.99829169998301
kQ(40707)=0.99658631825496
r1= : 5.1939096125538E-13
rpunto1: = -17515863.588802
rduepunti0 : = 1.3335211666752E+26
fil : = 490.17403089645
fipunto1 : = 4.5837517132056E+19
fi_gradi : = 28084.903197282
t1 : = 1.0810217924824E-14
tpunto1 : = 1.0100761413642
tduepunti0 : = 3.7040167415028E+17
v=v_elettrone : = 29453820.011745
x0= : 5.1976914100526E-13
y0= : 4.1797706843031E-14
*****
i=40708
k(40708)=0.99829486882152
kQ(40708)=0.99659264511538
r1= : 5.1733672366111E-13
rpunto1: = -17499624.257173
rduepunti0 : = 1.3846787653415E+26
fil : = 490.17940666057
fipunto1 : = 4.6200100072249E+19
fi_gradi : = 28085.211205877
t1 : = 1.0810218043285E-14
tpunto1 : = 1.0101198910445
tduepunti0 : = 3.7304031085871E+17
v=v_elettrone : = 29518872.069851
x0= : 5.1749026463318E-13
y0= : 4.4393655443854E-14
```

```
*****
i=40709
k(40709)=0.99829815398809
kQ(40709)=0.99659920425603
r1= : 5.1528439059443E-13
rpunto1: = -17482772.800109
rduepunti0 : = 1.4368728526522E+26
fil : = 490.18482494793
fipunto1 : = 4.6566662076164E+19
fi_gradi : = 28085.521650876
t1 : = 1.081021816175E-14
tpunto1 : = 1.0101639519398
tduepunti0 : = 3.7569394809449E+17
v=v_elettrone : = 29584242.667418
x0= : 5.1519839182774E-13
y0= : 4.6988325215163E-14
*****
i=40710
k(40710)=0.9983015575483
kQ(40710)=0.99660599980336
r1= : 5.1323403384462E-13
rpunto1: = -17465296.828594
rduepunti0 : = 1.4901233138811E+26
fil : = 490.19028622522
fipunto1 : = 4.6937246831483E+19
fi_gradi : = 28085.834559015
t1 : = 1.0810218280221E-14
tpunto1 : = 1.0102083257759
tduepunti0 : = 3.783623000751E+17
v=v_elettrone : = 29649932.408906
x0= : 5.1289342423265E-13
y0= : 4.9581635402516E-14
*****
i=40711
k(40711)=0.9983050815912
kQ(40711)=0.99661303593081
r1= : 5.1118572665391E-13
rpunto1: = -17447183.71672
rduepunti0 : = 1.5444503480604E+26
fil : = 490.19579096419
fipunto1 : = 4.7311898136178E+19
fi_gradi : = 28086.149957325
t1 : = 1.0810218398697E-14
tpunto1 : = 1.0102530142428
tduepunti0 : = 3.8104506055179E+17
v=v_elettrone : = 29715941.839499
x0= : 5.1057526284644E-13
y0= : 5.2173503483181E-14
*****
i=40712
k(40712)=0.99830872822891
kQ(40712)=0.99662031685802
r1= : 5.091395437453E-13
rpunto1: = -17428420.598009
rduepunti0 : = 1.5998744680356E+26
fil : = 490.20133964179
fipunto1 : = 4.7690659874985E+19
fi_gradi : = 28086.467873133
t1 : = 1.0810218517178E-14
tpunto1 : = 1.0102980189916
tduepunti0 : = 3.8374190196702E+17
v=v_elettrone : = 29782271.44111
x0= : 5.082438080304E-13
y0= : 5.4763845130233E-14
```

```
*****
i=40713
k(40713)=0.99831249959615
kQ(40713)=0.99662784684992
r1= : 5.0709556135073E-13
rpunto1: = -17408994.361734
rduepunti0 : = 1.6564165001434E+26
fil : = 490.20693274006
fipunto1 : = 4.8073575994416E+19
fi_gradi : = 28086.788334059
t1 : = 1.0810218635665E-14
tpunto1 : = 1.0103433416328
tduepunti0 : = 3.8645247458411E+17
v=v_elettrone : = 29848921.630693
x0= : 5.0589895951719E-13
y0= : 5.7352574175837E-14
*****
i=40714
k(40714)=0.99831639784978
kQ(40714)=0.99663563021575
r1= : 5.0505385723977E-13
rpunto1: = -17388891.649251
rduepunti0 : = 1.7140975834893E+26
fil : = 490.21257074624
fipunto1 : = 4.8460690476251E+19
fi_gradi : = 28087.111368018
t1 : = 1.0810218754156E-14
tpunto1 : = 1.0103889837332
tduepunti0 : = 3.8917640558883E+17
v=v_elettrone : = 29915892.756648
x0= : 5.0354061642024E-13
y0= : 5.9939602574085E-14
*****
i=40715
k(40715)=0.99832042516815
kQ(40715)=0.99664367130791
r1= : 5.0301451074865E-13
rpunto1: = -17368098.850344
rduepunti0 : = 1.7729391687936E+26
fil : = 490.21825415269
fipunto1 : = 4.885204730944E+19
fi_gradi : = 28087.437003221
t1 : = 1.0810218872653E-14
tpunto1 : = 1.0104349468127
tduepunti0 : = 3.9191329816212E+17
v=v_elettrone : = 29983185.096561
x0= : 5.0116867724383E-13
y0= : 6.2524840363096E-14
*****
i=40716
k(40716)=0.99832458375057
kQ(40716)=0.99665197452075
r1= : 5.0097760280983E-13
rpunto1: = -17346602.09959
rduepunti0 : = 1.8329630167781E+26
fil : = 490.22398345697
fipunto1 : = 4.9247690460347E+19
fi_gradi : = 28087.765268175
t1 : = 1.0810218991156E-14
tpunto1 : = 1.010481232342
tduepunti0 : = 3.9466273052354E+17
v=v_elettrone : = 30050798.853098
x0= : 4.9878303989406E-13
y0= : 6.5108195626598E-14
```

```
*****
i=40717
k(40717)=0.99832887581659
kQ(40717)=0.99666054428921
r1= : 4.9894321598185E-13
rpunto1 : = -17324387.272751
rduepunti0 : = 1.8941911960598E+26
fil : = 490.22975916175
fipunto1 : = 4.964766384127E+19
fi_gradi : = 28088.096191683
t1 : = 1.0810219109664E-14
tpunto1 : = 1.0105278417393
tduepunti0 : = 3.974242549448E+17
v=v_elettrone : = 30118734.152085
x0= : 4.9638360169049E-13
y0= : 6.7689574454745E-14
*****
i=40718
k(40718)=0.99833330360525
kQ(40718)=0.99666938508736
r1= : 4.9691143447972E-13
rpunto1 : = -17301439.983187
rduepunti0 : = 1.9566460805212E+26
fil : = 490.2355817749
fipunto1 : = 5.0052011277151E+19
fi_gradi : = 28088.429802842
t1 : = 1.0810219228177E-14
tpunto1 : = 1.0105747763671
tduepunti0 : = 4.0019739673306E+17
v=v_elettrone : = 30186991.037794
x0= : 4.9397025937878E-13
y0= : 7.0268880904479E-14
*****
i=40719
k(40719)=0.99833786937428
kQ(40719)=0.99667850142678
r1= : 4.9488234420574E-13
rpunto1 : = -17277745.578321
rduepunti0 : = 2.0203503461203E+26
fil : = 490.24145180938
fipunto1 : = 5.0460776470418E+19
fi_gradi : = 28088.766131044
t1 : = 1.0810219346696E-14
tpunto1 : = 1.0106220375288
tduepunti0 : = 4.0298165318329E+17
v=v_elettrone : = 30255569.470466
x0= : 4.9154290914415E-13
y0= : 7.2846016959078E-14
*****
i=40720
k(40720)=0.99834257539925
kQ(40720)=0.9966878978548
r1= : 4.928560327806E-13
rpunto1 : = -17253289.136134
rduepunti0 : = 2.0853269671052E+26
fil : = 490.24736978331
fipunto1 : = 5.0874002963869E+19
fi_gradi : = 28089.105205973
t1 : = 1.0810219465221E-14
tpunto1 : = 1.0106696264656
tduepunti0 : = 4.0577649249947E+17
v=v_elettrone : = 30324469.3225
x0= : 4.8910144662577E-13
y0= : 7.5420882487201E-14
```

```
*****
i=40721
k(40721)=0.99834742397255
kQ(40721)=0.99669757895263
r1= : 4.9083258957504E-13
rpunto1 : = -17228055.461723
rduepunti0 : = 2.1515992115964E+26
fil : = 490.2533362199
fipunto1 : = 5.1291734101525E+19
fi_gradi : = 28089.447057608
t1 : = 1.0810219583751E-14
tpunto1 : = 1.0107175443528
tduepunti0 : = 4.0858135268401E+17
v=v_elettrone : = 30393690.375121
x0= : 4.8664576693211E-13
y0= : 7.7993375201276E-14
*****
i=40722
k(40722)=0.99835241740245
kQ(40722)=0.99670754933331
r1= : 4.8881210574184E-13
rpunto1 : = -17202029.083913
rduepunti0 : = 2.2191906364945E+26
fil : = 490.25935164745
fipunto1 : = 5.171401298736E+19
fi_gradi : = 28089.791716219
t1 : = 1.0810219702286E-14
tpunto1 : = 1.010765792296
tduepunti0 : = 4.1139564039525E+17
v=v_elettrone : = 30463232.314197
x0= : 4.8417576465732E-13
y0= : 8.0563390615315E-14
*****
i=40723
k(40723)=0.99835755801189
kQ(40723)=0.99671781363945
r1= : 4.8679467424822E-13
rpunto1 : = -17175194.251937
rduepunti0 : = 2.2881250816743E+26
fil : = 490.26541659932
fipunto1 : = 5.2140882441846E+19
fi_gradi : = 28090.139212364
t1 : = 1.0810219820827E-14
tpunto1 : = 1.0108143713273
tduepunti0 : = 4.1421872977253E+17
v=v_elettrone : = 30533094.726397
x0= : 4.8169133389862E-13
y0= : 8.3130822002046E-14
*****
i=40724
k(40724)=0.99836284813736
kQ(40724)=0.99672837654094
r1= : 4.8478038990864E-13
rpunto1 : = -17147534.932196
rduepunti0 : = 2.3584266634212E+26
fil : = 490.27153161389
fipunto1 : = 5.2572384956194E+19
fi_gradi : = 28090.48957689
t1 : = 1.0810219939374E-14
tpunto1 : = 1.0108632824018
tduepunti0 : = 4.1704996122866E+17
v=v_elettrone : = 30603277.095524
x0= : 4.7919236827482E-13
y0= : 8.5695560349451E-14
```

```
*****
i=40725
k(40725)=0.9983682901276
kQ(40725)=0.99673924273231
r1= : 4.8276934941793E-13
rpunto1: = -17119034.805104
rduepunti0 : = 2.4301197670636E+26
fil : = 490.2776972345
fipunto1 : = 5.3008562644239E+19
fi_gradi : = 28090.84284093
t1 : = 1.0810220057927E-14
tpunto1 : = 1.0109125263929
tduepunti0 : = 4.1988864020953E+17
v=v_elettrone : = 30673778.798096
x0= : 4.7667876094588E-13
y0= : 8.8257494316743E-14
*****
i=40726
k(40726)=0.9983738863422
kQ(40726)=0.99675041693003
r1= : 4.8076165138489E-13
rpunto1: = -17089677.262027
rduepunti0 : = 2.5032290387562E+26
fil : = 490.28391400946
fipunto1 : = 5.3449457191847E+19
fi_gradi : = 28091.199035897
t1 : = 1.0810220176486E-14
tpunto1 : = 1.0109621040883
tduepunti0 : = 4.2273403592082E+17
v=v_elettrone : = 30744599.099351
x0= : 4.7415040463378E-13
y0= : 9.0816510189708E-14
*****
i=40727
k(40727)=0.99837963915014
kQ(40727)=0.99676190386956
r1= : 4.7875739636614E-13
rpunto1: = -17059445.402331
rduepunti0 : = 2.5777793763632E+26
fil : = 490.29018249196
fipunto1 : = 5.3895109803771E+19
fi_gradi : = 28091.558193488
t1 : = 1.081022029505E-14
tpunto1 : = 1.0110120161855
tduepunti0 : = 4.2558538002155E+17
v=v_elettrone : = 30815737.148755
x0= : 4.7160719164444E-13
y0= : 9.3372491835502E-14
*****
i=40728
k(40728)=0.99838555092822
kQ(40728)=0.99677370830225
r1= : 4.7675668690039E-13
rpunto1: = -17028322.030551
rduepunti0 : = 2.6537959193909E+26
fil : = 490.29650324001
fipunto1 : = 5.4345561147856E+19
fi_gradi : = 28091.920345675
t1 : = 1.081022041362E-14
tpunto1 : = 1.0110622632877
tduepunti0 : = 4.2844186528464E+17
v=v_elettrone : = 30887191.975438
x0= : 4.6904901389105E-13
y0= : 9.5925320656855E-14
```

```
*****
i=40729
k(40729)=0.99839162405938
kQ(40729)=0.99678583499192
r1= : 4.7475962754301E-13
rpunto1:= -16996289.653686
rduepunti0 := 2.7313040379173E+26
fil := 490.30287681641
fipunto1 := 5.4800851296497E+19
fi_gradi := 28092.285524703
t1 := 1.0810220532196E-14
tpunto1 := 1.0111128458982
tduepunti0 := 4.3130264422445E+17
v=v_elettrone := 30958962.483774
x0= : 4.664757629186E-13
y0= : 9.8474875545708E-14
*****
i=40730
k(40730)=0.99839786093088
kQ(40730)=0.99679828871136
r1= : 4.7276632490094E-13
rpunto1:= -16963330.478632
rduepunti0 := 2.8103293204612E+26
fil := 490.30930378865
fipunto1 := 5.5261019665245E+19
fi_gradi := 28092.653763087
t1 := 1.0810220650778E-14
tpunto1 := 1.0111637644165
tduepunti0 := 4.3416682769155E+17
v=v_elettrone := 31031047.447989
x0= : 4.6388732992987E-13
y0= : 1.0102103283634E-13
*****
i=40731
k(40731)=0.99840426393246
kQ(40731)=0.99681107423852
r1= : 4.7077688766786E-13
rpunto1:= -16929426.409784
rduepunti0 := 2.8908975607367E+26
fil := 490.31578472883
fipunto1 := 5.5726104948481E+19
fi_gradi := 28093.025093607
t1 := 1.0810220769366E-14
tpunto1 := 1.0112150191323
tduepunti0 := 4.3703348343497E+17
v=v_elettrone := 31103445.508534
x0= : 4.6128360581271E-13
y0= : 1.0356366625787E-13
*****
i=40732
k(40732)=0.99841083545423
kQ(40732)=0.99682419635241
r1= : 4.6879142665966E-13
rpunto1:= -16894559.046793
rduepunti0 := 2.9730347432296E+26
fil := 490.3223202136
fipunto1 := 5.6196145052029E+19
fi_gradi := 28093.399549301
t1 := 1.081022088796E-14
tpunto1 := 1.0112666102212
tduepunti0 := 4.3990163463228E+17
v=v_elettrone := 31176155.165633
x0= : 4.5866448116889E-13
y0= : 1.0610264688644E-13
```

```
*****
i=40733
k(40733)=0.99841757788458
kQ(40733)=0.99683765982892
r1= : 4.6681005485024E-13
rpunto1 : = -16858709.682512
rduerpunti0 : = 3.0567670275376E+26
fil : = 490.32891082406
fipunto1 : = 5.6671177022634E+19
fi_gradi : = 28093.777163465
t1 : = 1.081022100656E-14
tpunto1 : = 1.0113185377386
tduepunti0 : = 4.4277025838811E+17
v=v_elettrone : = 31249174.774663
x0= : 4.560298463444E-13
y0= : 1.0863784309671E-13
*****
i=40734
k(40734)=0.99842449360789
kQ(40734)=0.99685146943618
r1= : 4.6483288740741E-13
rpunto1 : = -16821859.301145
rduerpunti0 : = 3.142120731408E+26
fil : = 490.33555714565
fipunto1 : = 5.7151236974177E+19
fi_gradi : = 28094.157969642
t1 : = 1.0810221125166E-14
tpunto1 : = 1.0113708016143
tduepunti0 : = 4.4563828420162E+17
v=v_elettrone : = 31322502.541299
x0= : 4.5337959146135E-13
y0= : 1.1116912051292E-13
*****
i=40735
k(40735)=0.99843158500209
kQ(40735)=0.99686562992979
r1= : 4.6286004172917E-13
rpunto1 : = -16783988.576604
rduerpunti0 : = 3.229122312408E+26
fil : = 490.34225976805
fipunto1 : = 5.7636360010543E+19
fi_gradi : = 28094.542001617
t1 : = 1.0810221243779E-14
tpunto1 : = 1.0114234016468
tduepunti0 : = 4.4850459240379E+17
v=v_elettrone : = 31396136.515101
x0= : 4.5071360645148E-13
y0= : 1.1369634195969E-13
*****
i=40736
k(40736)=0.99843885443612
kQ(40736)=0.99688014604772
r1= : 4.6089163748001E-13
rpunto1 : = -16745077.871103
rduerpunti0 : = 3.3177983481593E+26
fil : = 490.34901928504
fipunto1 : = 5.8126580145023E+19
fi_gradi : = 28094.929293412
t1 : = 1.0810221362397E-14
tpunto1 : = 1.0114763374975
tduepunti0 : = 4.5136801256545E+17
v=v_elettrone : = 31470074.584288
x0= : 4.4803178109132E-13
y0= : 1.162193674121E-13
```



```
*****
i=40737
k(40737)=0.99844630426725
kQ(40737)=0.99689502250492
r1= : 4.5892779662755E-13
rpunto1: = -16705107.233998
rduepunti0 : = 3.4081755150668E+26
fil : = 490.3558362944
fipunto1 : = 5.8621930216145E+19
fi_gradi : = 28095.319879277
t1 : = 1.0810221481022E-14
tpunto1 : = 1.0115296086843
tduepunti0 : = 4.5422732187713E+17
v=v_elettrone : = 31544314.470367
x0= : 4.4533400503915E-13
y0= : 1.1873805394562E-13
*****
i=40738
k(40738)=0.99845393683817
kQ(40738)=0.99691026398764
r1= : 4.5696864347918E-13
rpunto1: = -16664056.400896
rduepunti0 : = 3.5002805654687E+26
fil : = 490.36271139778
fipunto1 : = 5.9122441799842E+19
fi_gradi : = 28095.713793684
t1 : = 1.0810221599652E-14
tpunto1 : = 1.0115832145753
tduepunti0 : = 4.5708124350199E+17
v=v_elettrone : = 31618853.721559
x0= : 4.4262016787373E-13
y0= : 1.212522556856E-13
*****
i=40739
k(40739)=0.99846175447406
kQ(40739)=0.99692587514742
r1= : 4.5501430471888E-13
rpunto1: = -16621904.793056
rduepunti0 : = 3.5941403031346E+26
fil : = 490.3696452005
fipunto1 : = 5.9628145117836E+19
fi_gradi : = 28096.111071316
t1 : = 1.081022171829E-14
tpunto1 : = 1.0116371543824
tduepunti0 : = 4.5992844490328E+17
v=v_elettrone : = 31693689.706911
x0= : 4.3989015913485E-13
y0= : 1.2376182375643E-13
*****
i=40740
k(40740)=0.99846975947936
kQ(40740)=0.99694186059478
r1= : 4.5306490944406E-13
rpunto1: = -16578631.517087
rduepunti0 : = 3.6897815570336E+26
fil : = 490.37663831145
fipunto1 : = 6.0139068942134E+19
fi_gradi : = 28096.511747059
t1 : = 1.0810221836933E-14
tpunto1 : = 1.0116914271543
tduepunti0 : = 4.6276753614814E+17
v=v_elettrone : = 31768819.609856
x0= : 4.3714386836586E-13
y0= : 1.2626660623037E-13
```

```
*****
i=40741
k(40741)=0.99847795413447
kQ(40741)=0.99695822489256
r1= : 4.5112058920251E-13
rpunto1: = -16534215.364987
rduepunti0 : = 3.7872311532966E+26
fil : = 490.38369134287
fipunto1 : = 6.0655240495546E+19
fi_gradi : = 28096.915855993
t1 : = 1.0810221955583E-14
tpunto1 : = 1.0117460317701
tduepunti0 : = 4.6559706818937E+17
v=v_elettrone : = 31844240.422545
x0= : 4.3438118515814E-13
y0= : 1.2876644807622E-13
*****
i=40742
k(40742)=0.99848634069221
kQ(40742)=0.99697497254891
r1= : 4.4918147802924E-13
rpunto1: = -16488634.814523
rduepunti0 : = 3.8865158852903E+26
fil : = 490.39080491022
fipunto1 : = 6.1176685348109E+19
fi_gradi : = 28097.323433379
t1 : = 1.0810222074239E-14
tpunto1 : = 1.0118009669315
tduepunti0 : = 4.684155311275E+17
v=v_elettrone : = 31919948.938182
x0= : 4.3160199919764E-13
y0= : 1.3126119110774E-13
*****
i=40743
k(40743)=0.99849492137415
kQ(40743)=0.99699210800997
r1= : 4.4724771248337E-13
rpunto1: = -16441868.029993
rduepunti0 : = 3.9876624817239E+26
fil : = 490.39797963194
fipunto1 : = 6.1703427309313E+19
fi_gradi : = 28097.734514653
t1 : = 1.0810222192902E-14
tpunto1 : = 1.011856231156
tduepunti0 : = 4.7122135245549E+17
v=v_elettrone : = 31995941.744791
x0= : 4.2880620031349E-13
y0= : 1.3375067393189E-13
*****
i=40744
k(40744)=0.99850369836676
kQ(40744)=0.9970096356521
r1= : 4.4531943168488E-13
rpunto1: = -16393892.863378
rduepunti0 : = 4.090697572702E+26
fil : = 490.40521612927
fipunto1 : = 6.2235488316046E+19
fi_gradi : = 28098.149135408
t1 : = 1.0810222311571E-14
tpunto1 : = 1.011911822769
tduepunti0 : = 4.7401289528859E+17
v=v_elettrone : = 32072215.218557
x0= : 4.2599367852889E-13
y0= : 1.3623473189694E-13
```

```
*****
i=40745
k(40745)=0.99851267381731
kQ(40745)=0.99702755977379
r1= : 4.4339677735124E-13
rpunto1: = -16344686.855928
rduepunti0 : = 4.1956476536433E+26
fil : = 490.41251502602
fipunto1 : = 6.277288831615E+19
fi_gradi : = 28098.567331387
t1 : = 1.0810222430247E-14
tpunto1 : = 1.0119677398962
tduepunti0 : = 4.7678845658235E+17
v=v_elettrone : = 32148765.516605
x0= : 4.2316432411406E-13
y0= : 1.3871319704063E-13
*****
i=40746
k(40746)=0.99852184982964
kQ(40746)=0.99704588458721
r1= : 4.4147989383386E-13
rpunto1: = -16294227.240185
rduepunti0 : = 4.3025390469748E+26
fil : = 490.41987694833
fipunto1 : = 6.3315645147493E+19
fi_gradi : = 28098.989138465
t1 : = 1.0810222548929E-14
tpunto1 : = 1.0120239804556
tduepunti0 : = 4.7954626534208E+17
v=v_elettrone : = 32225588.569079
x0= : 4.203180276417E-13
y0= : 1.411858980382E-13
*****
i=40747
k(40747)=0.99853122845971
kQ(40747)=0.99706461420926
r1= : 4.3956892815428E-13
rpunto1: = -16242490.942488
rduepunti0 : = 4.4113978615184E+26
fil : = 490.42730252447
fipunto1 : = 6.3863774412482E+19
fi_gradi : = 28099.414592638
t1 : = 1.0810222667618E-14
tpunto1 : = 1.0120805421493
tduepunti0 : = 4.8228448082705E+17
v=v_elettrone : = 32302680.073133
x0= : 4.1745468004471E-13
y0= : 1.4365266015054E-13
*****
i=40748
k(40748)=0.99854081171092
kQ(40748)=0.99708375265231
r1= : 4.376640300401E-13
rpunto1: = -16189454.585989
rduepunti0 : = 4.5222499494804E+26
fil : = 490.43479238448
fipunto1 : = 6.4417289347917E+19
fi_gradi : = 28099.843730005
t1 : = 1.0810222786313E-14
tpunto1 : = 1.0121374224552
tduepunti0 : = 4.8500119075358E+17
v=v_elettrone : = 32380035.484069
x0= : 4.1457417267635E-13
y0= : 1.4611330517248E-13
```

```
*****
i=40749
k(40749)=0.99855060152927
kQ(40749)=0.99710330381447
r1= : 4.357653519605E-13
rpunto1: = -16135094.494188
rduepunti0 : = 4.6351208609563E+26
fil : = 490.44234716
fipunto1 : = 6.497620069012E+19
fi_gradi : = 28100.276586758
t1 : = 1.0810222905015E-14
tpunto1 : = 1.0121946186183
tduepunti0 : = 4.87694409501E+17
v=v_elettrone : = 32457650.008087
x0= : 4.1167639737299E-13
y0= : 1.4856765138122E-13
*****
i=40750
k(40750)=0.99856059979825
kQ(40750)=0.99712327146944
r1= : 4.3387304916144E-13
rpunto1: = -16079386.695046
rduepunti0 : = 4.7500357958626E+26
fil : = 490.44996748392
fipunto1 : = 6.5540516535266E+19
fi_gradi : = 28100.713199157
t1 : = 1.0810223023724E-14
tpunto1 : = 1.0122521276419
tduepunti0 : = 4.9036207632523E+17
v=v_elettrone : = 32535518.594835
x0= : 4.0876124651942E-13
y0= : 1.5101551348502E-13
*****
i=40751
k(40751)=0.99857080833354
kQ(40751)=0.9971436592559
r1= : 4.3198727970027E-13
rpunto1: = -16022306.925684
rduepunti0 : = 4.8670195532074E+26
fil : = 490.45765399006
fipunto1 : = 6.6110242194835E+19
fi_gradi : = 28101.153603518
t1 : = 1.081022314244E-14
tpunto1 : = 1.0123099462785
tduepunti0 : = 4.9300205358492E+17
v=v_elettrone : = 32613635.928854
x0= : 4.0582861311676E-13
y0= : 1.5345670257233E-13
*****
i=40752
k(40752)=0.99858122887751
kQ(40752)=0.99716447066651
r1= : 4.3010820447986E-13
rpunto1: = -15963830.637712
rduepunti0 : = 4.9860964776124E+26
fil : = 490.46540731288
fipunto1 : = 6.668538004616E+19
fi_gradi : = 28101.597836193
t1 : = 1.0810223261162E-14
tpunto1 : = 1.0123680710209
tduepunti0 : = 4.9561212498551E+17
v=v_elettrone : = 32691996.421627
x0= : 4.0287839085314E-13
y0= : 1.5589102606122E-13
```

```
*****
i=40753
k(40753)=0.99859186309342
kQ(40753)=0.99718570903638
r1= : 4.282359872821E-13
rpunto1:= -15903933.003219
rduepunti0 := 5.1072904029986E+26
fil := 490.47322808711
fipunto1 := 6.7265929377985E+19
fi_gradi := 28102.045933549
t1 := 1.0810223379892E-14
tpunto1 := 1.0124264980924
tduepunti0 := 4.9818999384708E+17
v=v_elettrone := 32770594.202948
x0= : 3.9991047417722E-13
y0= : 1.583182876494E-13
*****
i=40754
k(40754)=0.99860271255947
kQ(40754)=0.99720737753113
r1= : 4.2637079480065E-13
rpunto1:= -15842588.921458
rduepunti0 := 5.230624593352E+26
fil := 490.48111694742
fipunto1 := 6.7851886231028E+19
fi_gradi := 28102.49793195
t1 := 1.0810223498628E-14
tpunto1 := 1.0124852234374
tduepunti0 := 5.0073328140227E+17
v=v_elettrone := 32849423.112739
x0= : 3.969247583745E-13
y0= : 1.6073828726481E-13
*****
i=40755
k(40755)=0.99861377876256
kQ(40755)=0.99722947913444
r1= : 4.2451279667295E-13
rpunto1:= -15779773.026256
rduepunti0 := 5.3561216804832E+26
fil := 490.48907452797
fipunto1 := 6.8443243233503E+19
fi_gradi := 28102.953867731
t1 := 1.0810223617371E-14
tpunto1 := 1.0125442427113
tduepunti0 := 5.0323952513103E+17
v=v_elettrone := 32928476.692789
x0= : 3.9392113964658E-13
y0= : 1.6315082101688E-13
*****
i=40756
k(40756)=0.99862506309183
kQ(40756)=0.99725201663516
r1= : 4.2266216551136E-13
rpunto1:= -15715459.694202
rduepunti0 := 5.4838035987016E+26
fil := 490.49710146211
fipunto1 := 6.9039989431596E+19
fi_gradi := 28103.413777179
t1 := 1.081022373612E-14
tpunto1 := 1.012603551271
tduepunti0 := 5.0570617713943E+17
v=v_elettrone := 33007748.176959
x0= : 3.9089951519345E-13
y0= : 1.6555568114871E-13
```

```
*****
i=40757
k(40757)=0.99863656683196
kQ(40757)=0.99727499261392
r1= : 4.2081907693332E-13
rpunto1: = -15649623.053622
rduepunti0 : = 5.6136915163252E+26
fil : = 490.50519838186
fipunto1 : = 6.9642110114887E+19
fi_gradi : = 28103.877696508
t1 : = 1.0810223854877E-14
tpunto1 : = 1.0126631441641
tduepunti0 : = 5.081306025903E+17
v=v_elettrone : = 33087230.483527
x0= : 3.8785978329888E-13
y0= : 1.6795265599E-13
*****
i=40758
k(40758)=0.9986482911562
kQ(40758)=0.99729840942921
r1= : 4.1898370959046E-13
rpunto1: = -15582236.994408
rduepunti0 : = 5.7458057639506E+26
fil : = 490.51336591753
fipunto1 : = 7.0249586636743E+19
fi_gradi : = 28104.345661831
t1 : = 1.0810223973641E-14
tpunto1 : = 1.012723016119
tduepunti0 : = 5.1051007819394E+17
v=v_elettrone : = 33166916.204755
x0= : 3.8480184341883E-13
y0= : 1.7034152991119E-13
*****
i=40759
k(40759)=0.99866023711924
kQ(40759)=0.99732226920306
r1= : 4.1715624519657E-13
rpunto1: = -15513275.178725
rduepunti0 : = 5.8801657594129E+26
fil : = 490.52160469726
fipunto1 : = 7.0862396229696E+19
fi_gradi : = 28104.817709137
t1 : = 1.0810224092412E-14
tpunto1 : = 1.0127831615341
tduepunti0 : = 5.1284179076785E+17
v=v_elettrone : = 33246797.599471
x0= : 3.8172559627318E-13
y0= : 1.7272208327849E-13
*****
i=40760
k(40760)=0.9986724056497
kQ(40760)=0.99734657380615
r1= : 4.1533686855431E-13
rpunto1: = -15442711.052628
rduepunti0 : = 6.0167899293713E+26
fil : = 490.52991534649
fipunto1 : = 7.1480511815878E+19
fi_gradi : = 28105.293874264
t1 : = 1.081022421119E-14
tpunto1 : = 1.0128435744672
tduepunti0 : = 5.1512283587474E+17
v=v_elettrone : = 33326866.582374
x0= : 3.7863094394071E-13
y0= : 1.7509409241053E-13
```

```
*****
i=40761
k(40761)=0.99868479754249
kQ(40761)=0.99737132484249
r1= : 4.1352576758056E-13
rpunto1:= -15370517.858654
rduepunti0 := 6.1556956274576E+26
fil := 490.53829848752
fipunto1 := 7.2103901812555E+19
fi_gradi := 28105.774192863
t1 := 1.0810224329975E-14
tpunto1 := 1.0129042486246
tduepunti0 := 5.1735021654887E+17
v=v_elettrone := 33407114.715059
x0= : 3.7551778995731E-13
y0= : 1.7745732953609E-13
*****
i=40762
k(40762)=0.9986974134509
kQ(40762)=0.99739652363352
r1= : 4.1172313333027E-13
rpunto1:= -15296668.649404
rduepunti0 := 6.2968990489374E+26
fil := 490.54675473891
fipunto1 := 7.2732529932866E+19
fi_gradi := 28106.258700379
t1 := 1.0810224448767E-14
tpunto1 := 1.0129651773501
tduepunti0 := 5.1952084212126E+17
v=v_elettrone := 33487533.196978
x0= : 3.7238603941772E-13
y0= : 1.7981156275356E-13
*****
i=40763
k(40763)=0.99871025387838
kQ(40763)=0.99742217120182
r1= : 4.0992916001873E-13
rpunto1:= -15221136.302169
rduepunti0 := 6.4404151418364E+26
fil := 490.55528471498
fipunto1 := 7.336635498187E+19
fi_gradi := 28106.747432007
t1 := 1.0810224567566E-14
tpunto1 := 1.013026353614
tduepunti0 := 5.2163152715502E+17
v=v_elettrone := 33568112.855926
x0= : 3.6923559908061E-13
y0= : 1.8215655599202E-13
*****
i=40764
k(40764)=0.99872331917018
kQ(40764)=0.99744826825431
r1= : 4.0814404504219E-13
rpunto1:= -15143893.534645
rduepunti0 := 6.5862575144959E+26
fil := 490.56388902523
fipunto1 := 7.4005330648039E+19
fi_gradi := 28107.24042267
t1 := 1.0810224686372E-14
tpunto1 := 1.0130877700018
tduepunti0 := 5.2367899050241E+17
v=v_elettrone := 33648844.13753
x0= : 3.660663774772E-13
y0= : 1.8449206897422E-13
```

```
*****
i=40765
k(40765)=0.99873660950468
kQ(40765)=0.99747481516491
r1= : 4.0636798889965E-13
rpunto1 : = -15064912.921766
rduepunti0 : = 6.7344383395287E+26
fil : = 490.57256827371
fipunto1 : = 7.4649405290352E+19
fi_gradi : = 28107.737706977
t1 : = 1.0810224805186E-14
tpunto1 : = 1.0131494187026
tduepunti0 : = 5.2565985449631E+17
v=v_elettrone : = 33729717.09687
x0= : 3.628782850234E-13
y0= : 1.8681785718149E-13
*****
i=40766
k(40766)=0.99875012488452
kQ(40766)=0.99750181195684
r1= : 4.0460119569387E-13
rpunto1 : = -14984166.913719
rduepunti0 : = 6.8849682541594E+26
fil : = 490.58132305842
fipunto1 : = 7.5298521721187E+19
fi_gradi : = 28108.239319191
t1 : = 1.0810224924007E-14
tpunto1 : = 1.0132112914984
tduepunti0 : = 5.2757064428886E+17
v=v_elettrone : = 33810721.387944
x0= : 3.5967123413557E-13
y0= : 1.891336718209E-13
*****
i=40767
k(40767)=0.99876386512748
kQ(40767)=0.99752925828438
r1= : 4.0284387217757E-13
rpunto1 : = -14901627.855151
rduepunti0 : = 7.0378562569435E+26
fil : = 490.59015397065
fipunto1 : = 7.5952616985225E+19
fi_gradi : = 28108.745293192
t1 : = 1.0810225042835E-14
tpunto1 : = 1.013273379752
tduepunti0 : = 5.2940778735117E+17
v=v_elettrone : = 33891846.253942
x0= : 3.5644513934991E-13
y0= : 1.9143925979469E-13
*****
i=40768
k(40768)=0.99877782985719
kQ(40768)=0.99755715341425
r1= : 4.010962287342E-13
rpunto1 : = -14817268.005653
rduepunti0 : = 7.1931096008732E+26
fil : = 490.59906159433
fipunto1 : = 7.6611622134606E+19
fi_gradi : = 28109.255662434
t1 : = 1.081022516167E-14
tpunto1 : = 1.0133356743956
tduepunti0 : = 5.3116761314828E+17
v=v_elettrone : = 33973080.518061
x0= : 3.5319991744553E-13
y0= : 1.9373436367224E-13
```



```
*****
i=40769
k(40769)=0.99879201849358
kQ(40769)=0.99758549620647
r1= : 3.9935847890375E-13
rpunto1: = -14731059.561517
rduerpunti0 : = 7.3507336828925E+26
fil : = 490.60804650527
fipunto1 : = 7.727546200064E+19
fi_gradi : = 28109.77045991
t1 : = 1.0810225280513E-14
tpunto1 : = 1.0133981659196
tduerpunti0 : = 5.3284635300434E+17
v=v_elettrone : = 34054412.573237
x0= : 3.499354875712E-13
y0= : 1.9601872166481E-13
*****
i=40770
k(40770)=0.99880643024312
kQ(40770)=0.997614285095
r1= : 3.9763083948699E-13
rpunto1: = -14642974.678848
rduerpunti0 : = 7.510731929858E+26
fil : = 490.61710927048
fipunto1 : = 7.794405496237E+19
fi_gradi : = 28110.289718107
t1 : = 1.0810225399363E-14
tpunto1 : = 1.0134608443609
tduerpunti0 : = 5.3444014017355E+17
v=v_elettrone : = 34135830.372966
x0= : 3.4665177137586E-13
y0= : 1.9829206760306E-13
*****
i=40771
k(40771)=0.99882106408894
kQ(40771)=0.99764351806777
r1= : 3.9591353055016E-13
rpunto1: = -14552985.498041
rduerpunti0 : = 7.6731056810023E+26
fil : = 490.6262504474
fipunto1 : = 7.8617312712357E+19
fi_gradi : = 28110.813468964
t1 : = 1.081022551822E-14
tpunto1 : = 1.0135236992914
tduerpunti0 : = 5.35945010133E+17
v=v_elettrone : = 34217321.420862
x0= : 3.4334869314286E-13
y0= : 2.0055413091785E-13
*****
i=40772
k(40772)=0.99883591878073
kQ(40772)=0.99767319264655
r1= : 3.9420677542688E-13
rpunto1: = -14461064.169691
rduerpunti0 : = 7.8378540669716E+26
fil : = 490.6354705831
fipunto1 : = 7.9295140020074E+19
fi_gradi : = 28111.341743827
t1 : = 1.0810225637085E-14
tpunto1 : = 1.0135867198066
tduerpunti0 : = 5.3735690111414E+17
v=v_elettrone : = 34298872.762152
x0= : 3.40026179928E-13
y0= : 2.0280463662418E-13
```

```
*****
i=40773
k(40773)=0.99885099282444
kQ(40773)=0.99770330586637
r1= : 3.9251080071687E-13
rpunto1: = -14367182.881946
rduepunti0 : = 8.0049738855316E+26
fil : = 490.64477021351
fipunto1 : = 7.9977434493348E+19
fi_gradi : = 28111.8745734
t1 : = 1.0810225755957E-14
tpunto1 : = 1.0136498945144
tduepunti0 : = 5.3867165489018E+17
v=v_elettrone : = 34380470.972818
x0= : 3.3668416170128E-13
y0= : 2.0504330530881E-13
*****
i=40774
k(40774)=0.99886628447191
kQ(40774)=0.99773385425472
r1= : 3.9082583628162E-13
rpunto1: = -14271313.889365
rduepunti0 : = 8.1744594740562E+26
fil : = 490.65414986253
fipunto1 : = 8.0664086338331E+19
fi_gradi : = 28112.411987702
t1 : = 1.0810225874837E-14
tpunto1 : = 1.0137132115239
tduepunti0 : = 5.3988501783714E+17
v=v_elettrone : = 34462102.151805
x0= : 3.3332257149255E-13
y0= : 2.0726985312146E-13
*****
i=40775
k(40775)=0.99888179171035
kQ(40775)=0.99776483381048
r1= : 3.8915211523655E-13
rpunto1: = -14173429.543304
rduepunti0 : = 8.3463025789375E+26
fil : = 490.66361004117
fipunto1 : = 8.1354978118518E+19
fi_gradi : = 28112.954016012
t1 : = 1.0810225993724E-14
tpunto1 : = 1.0137766584341
tduepunti0 : = 5.4099264228697E+17
v=v_elettrone : = 34543751.910271
x0= : 3.2994134554073E-13
y0= : 2.0948399177025E-13
*****
i=40776
k(40776)=0.99889751225168
kQ(40776)=0.99779623998259
r1= : 3.8748987393968E-13
rpunto1: = -14073502.32387
rduepunti0 : = 8.5204922220785E+26
fil : = 490.6731512467
fipunto1 : = 8.2049984513394E+19
fi_gradi : = 28113.50068682
t1 : = 1.0810226112618E-14
tpunto1 : = 1.0138402223234
tduepunti0 : = 5.4199008819134E+17
v=v_elettrone : = 34625405.363753
x0= : 3.2654042344696E-13
y0= : 2.116854285211E-13
```

```
*****
i=40777
k(40777)=0.99891344352184
kQ(40777)=0.99782806764866
r1= : 3.8583935197653E-13
rpunto1: = -13971504.873467
rduepunti0 : = 8.6970145646592E+26
fil : = 490.68277396167
fipunto1 : = 8.2748972077317E+19
fi_gradi : = 28114.052027776
t1 : = 1.081022623152E-14
tpunto1 : = 1.013903889739
tduepunti0 : = 5.4287282511527E+17
v=v_elettrone : = 34707047.122094
x0= : 3.2311974833132E-13
y0= : 2.1387386620177E-13
*****
i=40778
k(40778)=0.99892958265002
kQ(40778)=0.99786031109334
r1= : 3.842007921411E-13
rpunto1: = -13867410.031978
rduepunti0 : = 8.8758527683913E+26
fil : = 490.69247865299
fipunto1 : = 8.3451798999325E+19
fi_gradi : = 28114.60806563
t1 : = 1.0810226350429E-14
tpunto1 : = 1.0139676466862
tduepunti0 : = 5.4363623457997E+17
v=v_elettrone : = 34788661.282088
x0= : 3.1967926699335E-13
y0= : 2.1604900321054E-13
*****
i=40779
k(40779)=0.99894592645784
kQ(40779)=0.99789296398672
r1= : 3.82574444041265E-13
rpunto1: = -13761190.873596
rduepunti0 : = 9.0569868545099E+26
fil : = 490.70226577093
fipunto1 : = 8.4158314864574E+19
fi_gradi : = 28115.168826181
t1 : = 1.0810226469346E-14
tpunto1 : = 1.0140314786189
tduepunti0 : = 5.4427561277463E+17
v=v_elettrone : = 34870231.418191
x0= : 3.1621893007608E-13
y0= : 2.1821053352986E-13
*****
i=40780
k(40780)=0.99896247144859
kQ(40780)=0.99792601936268
r1= : 3.8096054592831E-13
rpunto1: = -13652820.745329
rduepunti0 : = 9.2403935607781E+26
fil : = 490.71213574814
fipunto1 : = 8.4868360418193E+19
fi_gradi : = 28115.734334219
t1 : = 1.081022658827E-14
tpunto1 : = 1.0140953704295
tduepunti0 : = 5.4478617365695E+17
v=v_elettrone : = 34951740.574652
x0= : 3.1273869223365E-13
y0= : 2.2035814674533E-13
```

```
*****
i=40781
k(40781)=0.99897921379643
kQ(40781)=0.99795946959734
r1= : 3.79359360951E-13
rpunto1: = -13542273.307204
rduepunti0 : = 9.4260461968174E+26
fil : = 490.72208899855
fipunto1 : = 8.5581767332386E+19
fi_gradi : = 28116.30461346
t1 : = 1.0810226707202E-14
tpunto1 : = 1.0141593064399
tduepunti0 : = 5.4516305246228E+17
v=v_elettrone : = 35033171.258174
x0= : 3.092385123025E-13
y0= : 2.2249152807002E-13
*****
i=40782
k(40782)=0.99899614933572
kQ(40782)=0.9979933063876
r1= : 3.7777114083279E-13
rpunto1: = -13429522.57419
rduepunti0 : = 9.6139144981071E+26
fil : = 490.7321259164
fipunto1 : = 8.629835797767E+19
fi_gradi : = 28116.879686492
t1 : = 1.0810226826142E-14
tpunto1 : = 1.0142232703929
tduepunti0 : = 5.4540130964129E+17
v=v_elettrone : = 35114505.430137
x0= : 3.0571835347579E-13
y0= : 2.2461035837469E-13
*****
i=40783
k(40783)=0.99901327355043
kQ(40783)=0.99802752072995
r1= : 3.7619614397322E-13
rpunto1: = -13314542.959833
rduepunti0 : = 9.8039644790352E+26
fil : = 490.74224687506
fipunto1 : = 8.7017945199188E+19
fi_gradi : = 28117.459574708
t1 : = 1.0810226945088E-14
tpunto1 : = 1.0142872454434
tduepunti0 : = 5.4549593524588E+17
v=v_elettrone : = 35195724.499845
x0= : 3.0217818348124E-13
y0= : 2.2671431422406E-13
*****
i=40784
k(40784)=0.99903058156368
kQ(40784)=0.99806210289947
r1= : 3.7463463177259E-13
rpunto1: = -13197309.321628
rduepunti0 : = 9.9961582854189E+26
fil : = 490.75245222597
fipunto1 : = 8.7740332099107E+19
fi_gradi : = 28118.044298243
t1 : = 1.0810227064043E-14
tpunto1 : = 1.0143512141513
tduepunti0 : = 5.4544185378278E+17
v=v_elettrone : = 35276809.317802
x0= : 2.9861797476213E-13
y0= : 2.2880306791931E-13
```

```
*****
i=40785
k(40785)=0.99904806812752
kQ(40785)=0.99809704242932
r1= : 3.7308686857985E-13
rpunto1: = -13077797.008119
rduepunti0 : = 1.0190454046951E+27
fil : = 490.76274229747
fipunto1 : = 8.8465311826148E+19
fi_gradi : = 28118.633875911
t1 : = 1.0810227183004E-14
tpunto1 : = 1.0144151584741
tduepunti0 : = 5.4523392955386E+17
v=v_elettrone : = 35357740.170429
x0= : 2.9503770466124E-13
y0= : 2.3087628754727E-13
*****
i=40786
k(40786)=0.99906572761286
kQ(40786)=0.99813232809061
r1= : 3.7155312163508E-13
rpunto1: = -12955981.907728
rduepunti0 : = 1.038680573007E+27
fil : = 490.77311739364
fipunto1 : = 8.9192667373385E+19
fi_gradi : = 28119.228325134
t1 : = 1.0810227301974E-14
tpunto1 : = 1.0144790597607
tduepunti0 : = 5.4486697250169E+17
v=v_elettrone : = 35438496.774021
x0= : 2.9143735560778E-13
y0= : 2.3293363703652E-13
*****
i=40787
k(40787)=0.99908355399979
kQ(40787)=0.99816794787286
r1= : 3.7003366100611E-13
rpunto1: = -12831840.49929
rduepunti0 : = 1.0585162991792E+27
fil : = 490.78357779313
fipunto1 : = 8.9922171385463E+19
fi_gradi : = 28119.827661877
t1 : = 1.081022742095E-14
tpunto1 : = 1.0145428987455
tduepunti0 : = 5.4433574457798E+17
v=v_elettrone : = 35519058.2698
x0= : 2.8781691530698E-13
y0= : 2.3497477622066E-13
*****
i=40788
k(40788)=0.99910154086815
kQ(40788)=0.9982038889651
r1= : 3.6852875951932E-13
rpunto1: = -12705349.904294
rduepunti0 : = 1.0785471035082E+27
fil : = 490.79412374789
fipunto1 : = 9.0653585976482E+19
fi_gradi : = 28120.431900576
t1 : = 1.0810227539935E-14
tpunto1 : = 1.0146066555441
tduepunti0 : = 5.4363496665195E+17
v=v_elettrone : = 35599403.220741
x0= : 2.8417637693222E-13
y0= : 2.3699936090899E-13
```

```
*****
i=40789
k(40789)=0.99911968138848
kQ(40789)=0.99824013773782
r1= : 3.6703869268422E-13
rpunto1: = -12576487.940788
rduepunti0 : = 1.0987670466392E+27
fil : = 490.804755482
fipunto1 : = 9.1386662559826E+19
fi_gradi : = 28121.041054069
t1 : = 1.0810227658926E-14
tpunto1 : = 1.0146703096486
tduepunti0 : = 5.4275932597422E+17
v=v_elettrone : = 35679509.606892
x0= : 2.8051573931946E-13
y0= : 2.3900704296506E-13
*****
i=40790
k(40790)=0.99913796831352
kQ(40790)=0.99827667972566
r1= : 3.6556373861182E-13
rpunto1: = -12445233.178926
rduepunti0 : = 1.1191697156018E+27
fil : = 490.81547319037
fipunto1 : = 9.2121141691275E+19
fi_gradi : = 28121.655133525
t1 : = 1.0810227777926E-14
tpunto1 : = 1.0147338399254
tduepunti0 : = 5.4170348421085E+17
v=v_elettrone : = 35759354.823704
x0= : 2.7683500716385E-13
y0= : 2.4099747039322E-13
*****
i=40791
k(40791)=0.99915639397006
kQ(40791)=0.99831349961126
r1= : 3.6410417792639E-13
rpunto1: = -12311564.998106
rduepunti0 : = 1.1397482102003E+27
fil : = 490.8262770375
fipunto1 : = 9.2856752926789E+19
fi_gradi : = 28122.274148367
t1 : = 1.0810227896932E-14
tpunto1 : = 1.0147972246127
tduepunti0 : = 5.4046208606043E+17
v=v_elettrone : = 35838915.679432
x0= : 2.7313419121805E-13
y0= : 2.429702874335E-13
*****
i=40792
k(40792)=0.9991749502515
kQ(40792)=0.9983505812101
r1= : 3.6266029367054E-13
rpunto1: = -12175463.645662
rduepunti0 : = 1.1604951298314E+27
fil : = 490.83716715615
fipunto1 : = 9.3593214696405E+19
fi_gradi : = 28122.898106205
t1 : = 1.0810228015946E-14
tpunto1 : = 1.0148604413196
tduepunti0 : = 5.390297684656E+17
v=v_elettrone : = 35918168.394513
x0= : 2.6941330849224E-13
y0= : 2.449251346651E-13
```

```
*****
i=40793
k(40793)=0.99919362861091
kQ(40793)=0.99838790745664
r1= : 3.6123237120347E-13
rpunto1: = -12036910.297031
rduepunti0 : = 1.1814025608107E+27
fil : = 490.84814364607
fipunto1 : = 9.4330234195715E+19
fi_gradi : = 28123.527012751
t1 : = 1.0810228134968E-14
tpunto1 : = 1.0149234670266
tduepunti0 : = 5.3740117042829E+17
v=v_elettrone : = 35997088.601508
x0= : 2.6567238245542E-13
y0= : 2.4686164911883E-13
*****
i=40794
k(40794)=0.99921242005485
kQ(40794)=0.99842546039188
r1= : 3.5982069809209E-13
rpunto1: = -11895887.11735
rduepunti0 : = 1.2024620642898E+27
fil : = 490.85920657268
fipunto1 : = 9.5067507296469E+19
fi_gradi : = 28124.160871755
t1 : = 1.0810228253997E-14
tpunto1 : = 1.0149862780871
tduepunti0 : = 5.3557094343583E+17
v=v_elettrone : = 36075651.345474
x0= : 2.6191144323764E-13
y0= : 2.4877946439861E-13
*****
i=40795
k(40795)=0.99923131513797
kQ(40795)=0.99846322115236
r1= : 3.5842556399494E-13
rpunto1: = -11752377.32438
rduepunti0 : = 1.2236646648517E+27
fil : = 490.87035596571
fipunto1 : = 9.5804718477833E+19
fi_gradi : = 28124.79968492
t1 : = 1.0810228373033E-14
tpunto1 : = 1.0150488502296
tduepunti0 : = 5.3353376250263E+17
v=v_elettrone : = 36153831.086631
x0= : 2.5813052783292E-13
y0= : 2.5067821081253E-13
*****
i=40796
k(40796)=0.99925030395835
kQ(40796)=0.99850116996086
r1= : 3.570472605388E-13
rpunto1: = -11606365.252683
rduepunti0 : = 1.2450008398772E+27
fil : = 490.88159181791
fipunto1 : = 9.6541540779909E+19
fi_gradi : = 28125.44345183
t1 : = 1.0810228492077E-14
tpunto1 : = 1.0151111585625
tduepunti0 : = 5.3128433782958E+17
v=v_elettrone : = 36231601.702707
x0= : 2.5432968030247E-13
y0= : 2.5255751551347E-13
```

```
*****
i=40797
k(40797)=0.99926937615385
kQ(40797)=0.9985392861189
r1= : 3.5568608118763E-13
rpunto1: = -11457836.41894
rduerpunti0 : = 1.2664605097744E+27
fil : = 490.89291408367
fipunto1 : = 9.727763578112E+19
fi_gradi : = 28126.092169872
t1 : = 1.0810228611128E-14
tpunto1 : = 1.0151731775794
tduepunti0 : = 5.2881742708007E+17
v=v_elettrone : = 36308936.49377
x0= : 2.5050895197779E-13
y0= : 2.5441700264968E-13
*****
i=40798
k(40798)=0.9992885208993
kQ(40798)=0.99857754800111
r1= : 3.5434232110401E-13
rpunto1: = -11306777.588311
rduerpunti0 : = 1.2880330291729E+27
fil : = 490.90432267768
fipunto1 : = 9.8012653601077E+19
fi_gradi : = 28126.745834159
t1 : = 1.0810228730186E-14
tpunto1 : = 1.0152348811659
tduepunti0 : = 5.2612784826863E+17
v=v_elettrone : = 36385808.187268
x0= : 2.4666840166332E-13
y0= : 2.562562935256E-13
*****
i=40799
k(40799)=0.99930772690489
kQ(40799)=0.99861593305181
r1= : 3.5301627700266E-13
rpunto1: = -11153176.841689
rduerpunti0 : = 1.3097071791805E+27
fil : = 490.91581747363
fipunto1 : = 9.8746232930581E+19
fi_gradi : = 28127.404437453
t1 : = 1.0810228849251E-14
tpunto1 : = 1.0152962426089
tduepunti0 : = 5.2321049325441E+17
v=v_elettrone : = 36462188.944411
x0= : 2.4280809583813E-13
y0= : 2.5807500677291E-13
*****
i=40800
k(40800)=0.99932698241552
kQ(40800)=0.99865441778371
r1= : 3.5170824699617E-13
rpunto1: = -10997023.643741
rduerpunti0 : = 1.3314711608093E+27
fil : = 490.92739830279
fipunto1 : = 9.9478001090383E+19
fi_gradi : = 28128.067970088
t1 : = 1.0810228968324E-14
tpunto1 : = 1.0153572346063
tduepunti0 : = 5.2006034182839E+17
v=v_elettrone : = 36538050.369059
x0= : 2.3892810885633E-13
y0= : 2.5987275853224E-13
```



```
*****
i=40801
k(40801)=0.99934627521146
kQ(40801)=0.99869297777902
r1= : 3.5041853043269E-13
rpunto1: = -10838308.911554
rduepunti0 : = 1.3533125896756E+27
fil : = 490.93906495278
fipunto1 : = 1.0020757412032E+20
fi_gradi : = 28128.736419893
t1 : = 1.0810229087404E-14
tpunto1 : = 1.0154178292792
tduepunti0 : = 5.1667247637856E+17
v=v_elettrone : = 36613363.516484
x0= : 2.3502852314552E-13
y0= : 2.6164916264562E-13
*****
i=40802
k(40802)=0.9993655926102
kQ(40802)=0.99873158769313
r1= : 3.4914742772562E-13
rpunto1: = -10677025.083757
rduepunti0 : = 1.3752184920814E+27
fil : = 490.95081716613
fipunto1 : = 1.0093455690046E+20
fi_gradi : = 28129.409772118
t1 : = 1.081022920649E-14
tpunto1 : = 1.015477998186
tduepunti0 : = 5.1304209711385E+17
v=v_elettrone : = 36688098.904784
x0= : 2.3110942940302E-13
y0= : 2.6340383085981E-13
*****
i=40803
k(40803)=0.99938492146965
kQ(40803)=0.99877022126091
r1= : 3.4789524017513E-13
rpunto1: = -10513166.189915
rduepunti0 : = 1.3971753025883E+27
fil : = 490.96265463908
fipunto1 : = 1.016585433058E+20
fi_gradi : = 28130.088009358
t1 : = 1.0810229325584E-14
tpunto1 : = 1.0155377123376
tduepunti0 : = 5.0916453782233E+17
v=v_elettrone : = 36762226.526533
x0= : 2.2717092678909E-13
y0= : 2.6513637304075E-13
*****
i=40804
k(40804)=0.99940424819281
kQ(40804)=0.99880885130584
r1= : 3.466622697816E-13
rpunto1: = -10346727.920022
rduepunti0 : = 1.4191688631907E+27
fil : = 490.9745770202
fipunto1 : = 1.0237911639603E+20
fi_gradi : = 28130.771111478
t1 : = 1.0810229444685E-14
tpunto1 : = 1.0155969422156
tduepunti0 : = 5.0503528213503E+17
v=v_elettrone : = 36835715.864064
x0= : 2.2321312311693E-13
y0= : 2.6684639739913E-13
```

```
*****
i=40805
k(40805)=0.99942355873379
kQ(40805)=0.99884744975212
r1= : 3.4544881905088E-13
rpunto1: = -10177707.693902
rduepunti0 : = 1.4411844241999E+27
fil : = 490.9865839092
fipunto1 : = 1.0309584864197E+20
fi_gradi : = 28131.459055543
t1 : = 1.0810229563793E-14
tpunto1 : = 1.0156556577911
tduepunti0 : = 5.0064998026151E+17
v=v_elettrone : = 36908535.903576
x0= : 2.1923613503855E-13
y0= : 2.6853351072723E-13
*****
i=40806
k(40806)=0.99944283860548
kQ(40806)=0.99888598763979
r1= : 3.4425519079142E-13
rpunto1: = -10006104.730274
rduepunti0 : = 1.4632066469469E+27
fil : = 490.99867485562
fipunto1 : = 1.0380830218985E+20
fi_gradi : = 28132.151815743
t1 : = 1.0810229682908E-14
tpunto1 : = 1.0157138285468
tduepunti0 : = 4.9600446615827E+17
v=v_elettrone : = 36980655.154082
x0= : 2.1524008822614E-13
y0= : 2.7019731864704E-13
*****
i=40807
k(40807)=0.9994620728888
kQ(40807)=0.99892443514317
r1= : 3.4308168790332E-13
rpunto1: = -9831920.1152892
rduepunti0 : = 1.4852196084101E+27
fil : = 491.01084935765
fipunto1 : = 1.04516029165E+20
fi_gradi : = 28132.849363327
t1 : = 1.081022980203E-14
tpunto1 : = 1.0157714235003
tduepunti0 : = 4.9109477508576E+17
v=v_elettrone : = 37052041.664965
x0= : 2.1122511754825E-13
y0= : 2.7183742586989E-13
*****
i=40808
k(40808)=0.99948124624356
kQ(40808)=0.99896276159258
r1= : 3.4192861315926E-13
rpunto1: = -9655156.8702812
rduepunti0 : = 1.507206807873E+27
fil : = 491.02310686099
fipunto1 : = 1.0521857201604E+20
fi_gradi : = 28133.551666536
t1 : = 1.0810229921158E-14
tpunto1 : = 1.0158284112301
tduepunti0 : = 4.8591716150448E+17
v=v_elettrone : = 37122663.048208
x0= : 2.0719136724023E-13
y0= : 2.7345343646719E-13
```

```
*****
i=40809
k(40809)=0.99950034292113
kQ(40809)=0.99900093549946
r1= : 3.407962689776E-13
rpunto1: = -9475820.018487
rduepunti0 : = 1.5291511757124E+27
fil : = 491.03544675763
fipunto1 : = 1.0591546390072E+20
fi_gradi : = 28134.258690533
t1 : = 1.0810230040293E-14
tpunto1 : = 1.0158847599031
tduepunti0 : = 4.8046811725495E+17
v=v_elettrone : = 37192486.499762
x0= : 2.0313899106807E-13
y0= : 2.7504495415269E-13
*****
i=40810
k(40810)=0.99951934677881
kQ(40810)=0.99903892458514
r1= : 3.3968495718758E-13
rpunto1: = -9293916.6504755
rduepunti0 : = 1.5510350844123E+27
fil : = 491.04786838484
fipunto1 : = 1.0660622911438E+20
fi_gradi : = 28134.970397347
t1 : = 1.0810230159435E-14
tpunto1 : = 1.0159404373048
tduepunti0 : = 4.747443899609E+17
v=v_elettrone : = 37261478.825517
x0= : 1.9906815248537E-13
y0= : 2.7661158257584E-13
*****
i=40811
k(40811)=0.99953824129604
kQ(40811)=0.99907669581318
r1= : 3.3859497878688E-13
rpunto1: = -9109455.988013
rduepunti0 : = 1.5728403618958E+27
fil : = 491.06037102409
fipunto1 : = 1.0729038356194E+20
fi_gradi : = 28135.686745809
t1 : = 1.0810230278583E-14
tpunto1 : = 1.0159954108715
tduepunti0 : = 4.687430015895E+17
v=v_elettrone : = 37329606.466289
x0= : 1.9497902478219E-13
y0= : 2.7815292562638E-13
*****
i=40812
k(40812)=0.99955700959247
kQ(40812)=0.99911421542544
r1= : 3.3752663369164E-13
rpunto1: = -8922449.4460835
rduepunti0 : = 1.5945483072578E+27
fil : = 491.07295390008
fipunto1 : = 1.0796743527402E+20
fi_gradi : = 28136.407691497
t1 : = 1.0810230397737E-14
tpunto1 : = 1.0160496477247
tduepunti0 : = 4.624612670967E+17
v=v_elettrone : = 37396835.527007
x0= : 1.9087179122578E-13
y0= : 2.7966858774977E-13
```

```
*****
i=40813
k(40813)=0.99957563444792
kQ(40813)=0.99915144898196
r1= : 3.3648022047929E-13
rpunto1: = -8732910.6927734
rduepunti0 : = 1.6161397089749E+27
fil : = 491.08561617981
fipunto1 : = 1.0863688496775E+20
fi_gradi : = 28137.133186685
t1 : = 1.0810230516898E-14
tpunto1 : = 1.0161031147072
tduepunti0 : = 4.5589681308059E+17
v=v_elettrone : = 37463131.807184
x0= : 1.8674664519185E-13
y0= : 2.8115817427349E-13
*****
i=40814
k(40814)=0.99959409832422
kQ(40814)=0.99918836140461
r1= : 3.3545603612426E-13
rpunto1: = -8540855.7067221
rduepunti0 : = 1.6375948656606E+27
fil : = 491.09835697173
fipunto1 : = 1.0929822665258E+20
fi_gradi : = 28137.863180289
t1 : = 1.0810230636066E-14
tpunto1 : = 1.0161557784225
tduepunti0 : = 4.4904759636027E+17
v=v_elettrone : = 37528460.832346
x0= : 1.826037902861E-13
y0= : 2.8262129174381E-13
*****
i=40815
k(40815)=0.999612383389
kQ(40815)=0.99922491702464
r1= : 3.3445437572704E-13
rpunto1: = -8346302.8318328
rduepunti0 : = 1.6588936094216E+27
fil : = 491.11117532493
fipunto1 : = 1.0995094828126E+20
fi_gradi : = 28138.597617828
t1 : = 1.0810230755239E-14
tpunto1 : = 1.0162076052754
tduepunti0 : = 4.4191192239248E+17
v=v_elettrone : = 37592787.888897
x0= : 1.7844344045505E-13
y0= : 2.8405754827282E-13
*****
i=40816
k(40816)=0.9996304715414
kQ(40816)=0.99926107963407
r1= : 3.3347553223677E-13
rpunto1: = -8149272.8289346
rduepunti0 : = 1.6800153318637E+27
fil : = 491.12407022848
fipunto1 : = 1.1059453244571E+20
fi_gradi : = 28139.336441378
t1 : = 1.0810230874419E-14
tpunto1 : = 1.0162585615146
tduepunti0 : = 4.3448846343374E+17
v=v_elettrone : = 37656078.060436
x0= : 1.7426582008565E-13
y0= : 2.8546655389527E-13
```

```
*****
i=40817
k(40817)=0.99964834443969
kQ(40817)=0.999296812541
r1= : 3.3251979616779E-13
rpunto1: = -7949788.924079
rduepunti0 : = 1.7009390127787E+27
fil : = 491.13704061073
fipunto1 : = 1.1122845711767E+20
fi_gradi : = 28140.07958954
t1 : = 1.0810230993604E-14
tpunto1 : = 1.0163086132786
tduepunti0 : = 4.2677627635111E+17
v=v_elettrone : = 37718296.264792
x0= : 1.7007116409271E-13
y0= : 2.8684792093503E-13
*****
i=40818
k(40818)=0.99966598353082
kQ(40818)=0.99933207862865
r1= : 3.3158745531051E-13
rpunto1: = -7747876.8531558
rduepunti0 : = 1.7216432515338E+27
fil : = 491.15008533884
fipunto1 : = 1.1185219643339E+20
fi_gradi : = 28140.826997406
t1 : = 1.0810231112795E-14
tpunto1 : = 1.0163577266423
tduepunti0 : = 4.1877481998053E+17
v=v_elettrone : = 37779407.295339
x0= : 1.6585971799374E-13
y0= : 2.8820126438048E-13
*****
i=40819
k(40819)=0.99968337008185
kQ(40819)=0.99936684041821
r1= : 3.3067879443708E-13
rpunto1: = -7543564.9025098
rduepunti0 : = 1.7421063011688E+27
fil : = 491.16320321829
fipunto1 : = 1.1246522152152E+20
fi_gradi : = 28141.578596534
t1 : = 1.0810231231992E-14
tpunto1 : = 1.0164058676662
tduepunti0 : = 4.104839719284E+17
v=v_elettrone : = 37839375.862493
x0= : 1.6163173797021E-13
y0= : 2.8952620226852E-13
*****
i=40820
k(40820)=0.99970048521318
kQ(40820)=0.99940106013546
r1= : 3.2979409500225E-13
rpunto1: = -7336883.9452424
rduepunti0 : = 1.7623061051912E+27
fil : = 491.17639299251
fipunto1 : = 1.1306700137309E+20
fi_gradi : = 28142.33431493
t1 : = 1.0810231351195E-14
tpunto1 : = 1.0164530024474
tduepunti0 : = 4.0190404470868E+17
v=v_elettrone : = 37898166.637046
x0= : 1.5738749091465E-13
y0= : 2.9082235607661E-13
```

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*****
i=40821
k(40821)=0.9997173099336
kQ(40821)=0.99943469978088
r1= : 3.2893363484002E-13
rpunto1: = -7127867.4728849
rduepunti0 : = 1.7822203370425E+27
fil : = 491.18965334269
fipunto1 : = 1.1365700375226E+20
fi_gradi : = 28143.09407703
t1 : = 1.0810231470403E-14
tpunto1 : = 1.0164990971726
tduepunti0 : = 3.9303580110578E+17
v=v_elettrone : = 37955744.296777
x0= : 1.5312725446303E-13
y0= : 2.9208935112216E-13
*****
i=40822
k(40822)=0.99973382517711
kQ(40822)=0.99946772120326
r1= : 3.2809768785656E-13
rpunto1: = -6916551.6221343
rduepunti0 : = 1.8018264421909E+27
fil : = 491.20298288758
fipunto1 : = 1.1423469614594E+20
fi_gradi : = 28143.857803695
t1 : = 1.0810231589617E-14
tpunto1 : = 1.0165441181724
tduepunti0 : = 3.8388046865143E+17
v=v_elettrone : = 38012073.572938
x0= : 1.4885131701152E-13
y0= : 2.9332681696873E-13
*****
i=40823
k(40823)=0.99975001184129
kQ(40823)=0.99950008617667
r1= : 3.2728652371996E-13
rpunto1: = -6702975.1963527
rduepunti0 : = 1.821101682788E+27
fil : = 491.21638018348
fipunto1 : = 1.147995467505E+20
fi_gradi : = 28144.625412207
t1 : = 1.0810231708836E-14
tpunto1 : = 1.0165880319773
tduepunti0 : = 3.7443975310304E+17
v=v_elettrone : = 38067119.300109
x0= : 1.4455997771713E-13
y0= : 2.9453438783824E-13
*****
i=40824
k(40824)=0.99976585082734
kQ(40824)=0.99953175648051
r1= : 3.2650040754749E-13
rpunto1: = -6487179.6815383
rduepunti0 : = 1.8400231848088E+27
fil : = 491.22984372432
fipunto1 : = 1.1535102549314E+20
fi_gradi : = 28145.396816274
t1 : = 1.081023182806E-14
tpunto1 : = 1.0166308053757
tduepunti0 : = 3.6471585081075E+17
v=v_elettrone : = 38120846.4662
x0= : 1.4025354648172E-13
y0= : 2.9571170302846E-13
```

```
*****
i=40825
k(40825)=0.99978132308146
kQ(40825)=0.99956269398252
r1= : 3.2573959959104E-13
rpunto1: = -6269209.2564879
rduerpunti0 : = 1.8585679875707E+27
fil : = 491.24337194186
fipunto1 : = 1.158886050854E+20
fi_gradi : = 28146.171926044
t1 : = 1.0810231947289E-14
tpunto1 : = 1.0166724054723
tduerpunti0 : = 3.5471145986129E+17
v=v_elettrone : = 38173220.265774
x0= : 1.3593234391853E-13
y0= : 2.9685840733503E-13
*****
i=40826
k(40826)=0.9997964096377
kQ(40826)=0.99959286072444
r1= : 3.2500435492121E-13
rpunto1: = -6049110.7968876
rduerpunti0 : = 1.8767130955136E+27
fil : = 491.25696320604
fipunto1 : = 1.1641176210585E+20
fi_gradi : = 28146.95064812
t1 : = 1.0810232066523E-14
tpunto1 : = 1.016712799748
tduerpunti0 : = 3.4442978988828E+17
v=v_elettrone : = 38224206.152564
x0= : 1.3159670130091E-13
y0= : 2.9797415147702E-13
*****
i=40827
k(40827)=0.99981109166191
kQ(40827)=0.99962221901017
r1= : 3.2429492311113E-13
rpunto1: = -5826933.8730821
rduerpunti0 : = 1.8944355320964E+27
fil : = 491.27061582539
fipunto1 : = 1.1691997810883E+20
fi_gradi : = 28147.732885587
t1 : = 1.0810232185762E-14
tpunto1 : = 1.0167519561213
tduerpunti0 : = 3.338745704414E+17
v=v_elettrone : = 38273769.895287
x0= : 1.2724696049266E-13
y0= : 2.9905859252516E-13
*****
i=40828
k(40828)=0.99982535049679
kQ(40828)=0.99965073149602
r1= : 3.2361154792037E-13
rpunto1: = -5602730.7412944
rduerpunti0 : = 1.911712395649E+27
fil : = 491.28432804764
fipunto1 : = 1.1741274075573E+20
fi_gradi : = 28148.518538051
t1 : = 1.0810232305005E-14
tpunto1 : = 1.01678984301
tduerpunti0 : = 3.2305005781049E+17
v=v_elettrone : = 38321877.633772
x0= : 1.2288347385959E-13
y0= : 3.0011139433193E-13
```

```
*****
i=40829
k(40829)=0.9998391677079
kQ(40829)=0.99967836128283
r1= : 3.2295446697994E-13
rpunto1: = -5376556.3280861
rduepunti0 : = 1.9285209169973E+27
fil : = 491.29809806046
fipunto1 : = 1.1788954496504E+20
fi_gradi : = 28149.307501669
t1 : = 1.0810232424253E-14
tpunto1 : = 1.0168264293932
tduepunti0 : = 3.1196104020538E+17
v=v_elettrone : = 38368495.935724
x0= : 1.1850660416173E-13
y0= : 3.0113222796219E-13
*****
i=40830
k(40830)=0.99985252513035
kQ(40830)=0.99970507200954
r1= : 3.2232391147916E-13
rpunto1: = -5148468.2078767
rduepunti0 : = 1.9448385186583E+27
fil : = 491.31192399225
fipunto1 : = 1.1834989407714E+20
fi_gradi : = 28150.099669208
t1 : = 1.0810232543505E-14
tpunto1 : = 1.0168616848744
tduepunti0 : = 3.00612841198E+17
v=v_elettrone : = 38413591.85523
x0= : 1.1411672442601E-13
y0= : 3.0212077212363E-13
*****
i=40831
k(40831)=0.99986540491608
kQ(40831)=0.99973082794801
r1= : 3.2172010585508E-13
rpunto1: = -4918526.5733615
rduepunti0 : = 1.9606428753844E+27
fil : = 491.32580391318
fipunto1 : = 1.1879330102964E+20
fi_gradi : = 28150.894930098
t1 : = 1.0810232662762E-14
tpunto1 : = 1.0168955797445
tduepunti0 : = 2.890113213403E+17
v=v_elettrone : = 38457132.991917
x0= : 1.0971421779905E-13
y0= : 3.0307671359569E-13
*****
i=40832
k(40832)=0.99987778958151
kQ(40832)=0.99975559409841
r1= : 3.2114326748544E-13
rpunto1: = -4686794.1986994
rduepunti0 : = 1.9759119758154E+27
fil : = 491.3397358363
fipunto1 : = 1.1921928953855E+20
fi_gradi : = 28151.693170493
t1 : = 1.0810232782022E-14
tpunto1 : = 1.0169280850447
tduepunti0 : = 2.7716287787922E+17
v=v_elettrone : = 38499087.549674
x0= : 1.0529947737977E-13
y0= : 3.0399974765606E-13
```



```
*****
i=40833
k(40833)=0.99988966205535
kQ(40833)=0.99977933628517
r1= : 3.205936063859E-13
rpunto1: = -4453336.3953703
rduepunti0 : = 1.9906241849816E+27
fil : = 491.3537177188
fipunto1 : = 1.1962739528081E+20
fi_gradi : = 28152.49427335
t1 : = 1.0810232901286E-14
tpunto1 : = 1.0169591726289
tduepunti0 : = 2.6507444249914E+17
v=v_elettrone : = 38539424.397256
x0= : 1.0087290603172E-13
y0= : 3.0488957850333E-13
*****
i=40834
k(40834)=0.99990100572643
kQ(40834)=0.99980202125272
r1= : 3.2007132491248E-13
rpunto1: = -4218220.9606346
rduepunti0 : = 2.0047583073826E+27
fil : = 491.36774746341
fipunto1 : = 1.2001716707303E+20
fi_gradi : = 28153.298118503
t1 : = 1.0810233020553E-14
tpunto1 : = 1.0169888152264
tduepunti0 : = 2.5275347703202E+17
v=v_elettrone : = 38578113.127776
x0= : 9.6434916174993E-14
y0= : 3.0574591967488E-13
*****
i=40835
k(40835)=0.99991180449119
kQ(40835)=0.99982361676083
r1= : 3.1957661747004E-13
rpunto1: = -3981518.1185615
rduepunti0 : = 2.0182936503535E+27
fil : = 491.38182291994
fipunto1 : = 1.2038816804157E+20
fi_gradi : = 28154.104582757
t1 : = 1.0810233139824E-14
tpunto1 : = 1.0170169865029
tduepunti0 : = 2.4020796708637E+17
v=v_elettrone : = 38615124.11952
x0= : 9.198592955771E-14
y0= : 3.0656849445864E-13
*****
i=40836
k(40836)=0.99992204280079
kQ(40836)=0.9998440916789
r1= : 3.1910967022761E-13
rpunto1: = -3743300.4536272
rduepunti0 : = 2.0312100874158E+27
fil : = 491.39594188698
fipunto1 : = 1.207399767786E+20
fi_gradi : = 28154.91353998
t1 : = 1.0810233259099E-14
tpunto1 : = 1.0170436611211
tduepunti0 : = 2.2744641355822E+17
v=v_elettrone : = 38650428.594566
x0= : 8.7526377007052E-14
y0= : 3.0735703629754E-13
```

```
*****
i=40837
k(40837)=0.99993170570743
kQ(40837)=0.99986341607897
r1= : 3.1867066084167E-13
rpunto1: = -3503642.8369223
rduepunti0 : = 2.0434881212993E+27
fil : = 491.41010211369
fipunto1 : = 1.210721884789E+20
fi_gradi : = 28155.724861207
t1 : = 1.0810233378376E-14
tpunto1 : = 1.0170688147998
tduepunti0 : = 2.1447782199937E+17
v=v_elettrone : = 38683998.679419
x0= : 8.3056698160155E-14
y0= : 3.0811128918543E-13
*****
i=40838
k(40838)=0.99994077890983
kQ(40838)=0.99988156132679
r1= : 3.1825975818785E-13
rpunto1: = -3262622.3450445
rduepunti0 : = 2.0551089463123E+27
fil : = 491.42430130175
fipunto1 : = 1.2138441605215E+20
fi_gradi : = 28156.538414756
t1 : = 1.0810233497657E-14
tpunto1 : = 1.0170924243718
tduepunti0 : = 2.0131168983221E+17
v=v_elettrone : = 38715807.46311
x0= : 7.857734117481E-14
y0= : 3.0883100805321E-13
*****
i=40839
k(40839)=0.99994924879746
kQ(40839)=0.9998985001706
r1= : 3.1787712210239E-13
rpunto1: = -3020318.1717912
rduepunti0 : = 2.066054509731E+27
fil : = 491.43853710746
fipunto1 : = 1.2167629120506E+20
fi_gradi : = 28157.354066341
t1 : = 1.081023361694E-14
tpunto1 : = 1.0171144678394
tduepunti0 : = 1.8795799141364E+17
v=v_elettrone : = 38745829.05548
x0= : 7.408876242046E-14
y0= : 3.0951595914394E-13
*****
i=40840
k(40840)=0.99995710249343
kQ(40840)=0.99991420682706
r1= : 3.1752290313375E-13
rpunto1: = -2776811.5328073
rduepunti0 : = 2.0763075718725E+27
fil : = 491.4528071439
fipunto1 : = 1.2194746548834E+20
fi_gradi : = 28158.171679202
t1 : = 1.0810233736226E-14
tpunto1 : = 1.0171349244289
tduepunti0 : = 1.7442716096565E+17
v=v_elettrone : = 38774038.643889
x0= : 6.9591426149754E-14
y0= : 3.1016592037576E-13
```

```
*****
i=40841
k(40841)=0.99996432789575
kQ(40841)=0.99992865706401
r1= : 3.1719724230556E-13
rpunto1: = -2532185.563381
rduerpunti0 : = 2.0858517645181E+27
fil : = 491.46710898331
fipunto1 : = 1.221976113028E+20
fi_gradi : = 28158.99111424
t1 : = 1.0810233855514E-14
tpunto1 : = 1.0171537746419
tduepunti0 : = 1.6073007340445E+17
v=v_elettrone : = 38800412.548598
x0= : 6.5085804151166E-14
y0= : 3.1078068169126E-13
*****
i=40842
k(40842)=0.99997091371673
kQ(40842)=0.99994182827946
r1= : 3.1690027089141E-13
rpunto1: = -2286525.2096209
rduerpunti0 : = 2.0946716473487E+27
fil : = 491.48144015949
fipunto1 : = 1.2242642285974E+20
fi_gradi : = 28159.81223015
t1 : = 1.0810233974805E-14
tpunto1 : = 1.0171710003045
tduepunti0 : = 1.4687802311535E+17
v=v_elettrone : = 38824928.276736
x0= : 6.0572375383211E-14
y0= : 3.1136004539229E-13
*****
i=40843
k(40843)=0.99997684952026
kQ(40843)=0.99995369957646
r1= : 3.1663211020256E-13
rpunto1: = -2039917.1132864
rduerpunti0 : = 2.1027527620643E+27
fil : = 491.49579817039
fipunto1 : = 1.2263361709025E+20
fi_gradi : = 28160.634883577
t1 : = 1.0810234094097E-14
tpunto1 : = 1.017186584614
tduepunti0 : = 1.3288270073563E+17
v=v_elettrone : = 38847564.575043
x0= : 5.6051625590876E-14
y0= : 3.1190382645885E-13
*****
i=40844
k(40844)=0.99998212575692
kQ(40844)=0.99996425183332
r1= : 3.1639287138901E-13
rpunto1: = -1792449.49058
rduerpunti0 : = 2.110081683861E+27
fil : = 491.51018048076
fipunto1 : = 1.2281893449874E+20
fi_gradi : = 28161.458929261
t1 : = 1.0810234213392E-14
tpunto1 : = 1.0172005121823
tduepunti0 : = 1.1875616802236E+17
v=v_elettrone : = 38868301.479243
x0= : 5.1524046904896E-14
y0= : 3.1241185285112E-13
```

```
*****
i=40845
k(40845)=0.99998673379649
kQ(40845)=0.99997346776898
r1= : 3.1618265525489E-13
rpunto1: = -1544212.0052505
rduepunti0 : = 2.1166460699512E+27
fil : = 491.52458452492
fipunto1 : = 1.2298213995589E+20
fi_gradi : = 28162.284220199
t1 : = 1.0810234332688E-14
tpunto1 : = 1.0172127690759
tduepunti0 : = 1.0451083089737E+17
v=v_elettrone : = 38887120.362293
x0= : 4.6990137424823E-14
y0= : 3.1288396579335E-13
*****
i=40846
k(40846)=0.99999066595786
kQ(40846)=0.99998133200284
r1= : 3.1600155208869E-13
rpunto1: = -1295295.6363867
rduepunti0 : = 2.1224347048254E+27
fil : = 491.53900770959
fipunto1 : = 1.2312302342664E+20
fi_gradi : = 28163.110607808
t1 : = 1.0810234451985E-14
tpunto1 : = 1.0172233428538
tduepunti0 : = 9.0159410775448E+16
v=v_elettrone : = 38904003.980147
x0= : 4.2450400786632E-14
y0= : 3.1332002003875E-13
*****
i=40847
k(40847)=0.99999391553599
kQ(40847)=0.99998783110899
r1= : 3.1584964150897E-13
rpunto1: = -1045792.54132
rduepunti0 : = 2.1274375419666E+27
fil : = 491.5534474169
fipunto1 : = 1.2324140062917E+20
fi_gradi : = 28163.937942094
t1 : = 1.0810234571284E-14
tpunto1 : = 1.0172322226
tduepunti0 : = 7.571491429588E+16
v=v_elettrone : = 38918936.513797
x0= : 3.7905345715797E-14
y0= : 3.137198841142E-13
*****
i=40848
k(40848)=0.99999647682593
kQ(40848)=0.99999295366428
r1= : 3.1572699232623E-13
rpunto1: = -795795.91408146
rduepunti0 : = 2.1316457417505E+27
fil : = 491.56790100733
fipunto1 : = 1.2333711362093E+20
fi_gradi : = 28164.766071825
t1 : = 1.0810234690583E-14
tpunto1 : = 1.0172393989538
tduepunti0 : = 6.1190601590361E+16
v=v_elettrone : = 38931903.610332
x0= : 3.335548556698E-14
y0= : 3.1408344054397E-13
```

```
*****
i=40849
k(40849)=0.99999834514366
kQ(40849)=0.99999669029007
r1= : 3.1563366242127E-13
rpunto1: = -545399.83989051
rduepunti0 : = 2.1350517052807E+27
fil : = 491.58236582285
fipunto1 : = 1.234100313085E+20
fi_gradi : = 28165.594844706
t1 : = 1.0810234809884E-14
tpunto1 : = 1.0172448641355
tduepunti0 : = 4.6599953232538E+16
v=v_elettrone : = 38942892.418703
x0= : 2.8801337851206E-14
y0= : 3.1441058605166E-13
*****
i=40850
k(40850)=0.99999951684355
kQ(40850)=0.99999903368732
r1= : 3.155696986407E-13
rpunto1: = -294699.14617911
rduepunti0 : = 2.1376491039369E+27
fil : = 491.59683919007
fipunto1 : = 1.2346004987814E+20
fi_gradi : = 28166.424107562
t1 : = 1.0810234929185E-14
tpunto1 : = 1.017248611968
tduepunti0 : = 3.1956636025471E+16
v=v_elettrone : = 38951891.623798
x0= : 2.4243423751919E-14
y0= : 3.1470123173932E-13
*****
i=40851
k(40851)=0.99999998933244
kQ(40851)=0.99999997866489
r1= : 3.1553513670991E-13
rpunto1: = -43789.250676357
rduepunti0 : = 2.139432904433E+27
fil : = 491.6113184234
fipunto1 : = 1.2348709314444E+20
fi_gradi : = 28167.253706523
t1 : = 1.0810235048486E-14
tpunto1 : = 1.017250637895
tduepunti0 : = 1.7274467793283E+16
v=v_elettrone : = 38958891.47674
x0= : 1.9682267630952E-14
y0= : 3.1495530324331E-13
*****
i=40852
k(40852)=0.9999997610803
kQ(40852)=0.99999952216065
r1= : 3.1553000116381E-13
rpunto1: = 207233.9928989
rduepunti0 : = 2.1403993892163E+27
fil : = 491.62580082833
fipunto1 : = 1.2349111281507E+20
fi_gradi : = 28168.083487202
t1 : = 1.0810235167788E-14
tpunto1 : = 1.0172509389941
tduepunti0 : = 2.5673813518951E+15
v=v_elettrone : = 38963883.82143
x0= : 1.511839652572E-14
y0= : 3.1517274086607E-13
```

```
*****
i=40853
k(40853)=0.99999883162711
kQ(40853)=0.99999766325559
r1= : 3.1555430529571E-13
rpunto1: = 458274.45097468
rduerpunti0 : = 2.1405461720634E+27
fil : = 491.64028370468
fipunto1 : = 1.2347208866977E+20
fi_gradi : = 28168.913294892
t1 : = 1.081023528709E-14
tpunto1 : = 1.0172495139862
tduerpunti0 : = -1.2150612159013E+16
v=v_elettrone : = 38966862.116966
x0= : 1.0552339638958E-14
y0= : 3.1535349968342E-13
*****
i=40854
k(40854)=0.99999720158632
kQ(40854)=0.99999440318048
r1= : 3.1560805112451E-13
rpunto1: = 709235.86751512
rduerpunti0 : = 2.1398722087621E+27
fil : = 491.6547643499
fipunto1 : = 1.2343002865266E+20
fi_gradi : = 28169.742974748
t1 : = 1.0810235406392E-14
tpunto1 : = 1.0172463632401
tduerpunti0 : = -2.6865460394979E+16
v=v_elettrone : = 38967821.457699
x0= : 5.9846278224046E-15
y0= : 3.1549754962675E-13
*****
i=40855
k(40855)=0.9999948726445
kQ(40855)=0.99998974531529
r1= : 3.1569122938032E-13
rpunto1: = 960022.02207687
rduerpunti0 : = 2.1383778027986E+27
fil : = 491.66924006238
fipunto1 : = 1.2336496887703E+20
fi_gradi : = 28170.572371979
t1 : = 1.0810235525693E-14
tpunto1 : = 1.0172414887732
tduerpunti0 : = -4.1563107184647E+16
v=v_elettrone : = 38966758.587074
x0= : 1.4157930556579E-15
y0= : 3.1560487554002E-13
*****
i=40856
k(40856)=0.99999184755736
kQ(40856)=0.99998369518119
r1= : 3.1580381950863E-13
rpunto1: = 1210536.8879413
rduerpunti0 : = 2.1360646060056E+27
fil : = 491.68370814473
fipunto1 : = 1.2327697354245E+20
fi_gradi : = 28171.401332035
t1 : = 1.0810235644994E-14
tpunto1 : = 1.0172348942474
tduerpunti0 : = -5.6229529972045E+16
v=v_elettrone : = 38963671.90996
x0= : -3.1536320781384E-15
y0= : 3.1567547721097E-13
```

```
*****
i=40857
k(40857)=0.99998813014218
kQ(40857)=0.99997626042526
r1= : 3.1594578969308E-13
rpunto1: = 1460684.7897302
rduepunti0 : = 2.1329356141561E+27
fil : = 491.6981659071
fipunto1 : = 1.2316613476476E+20
fi_gradi : = 28172.2297008
t1 : = 1.0810235764294E-14
tpunto1 : = 1.0172265849609
tduepunti0 : = -7.0850777127891E+16
v=v_elettrone : = 38958561.498863
x0= : -7.7231149186208E-15
y0= : 3.1570936937664E-13
*****
i=40858
k(40858)=0.99998372526654
kQ(40858)=0.99996745079795
r1= : 3.1611709689659E-13
rpunto1: = 1710370.5599144
rduepunti0 : = 2.1289951575267E+27
fil : = 491.71261067045
fipunto1 : = 1.2303257231955E+20
fi_gradi : = 28173.057324776
t1 : = 1.0810235883593E-14
tpunto1 : = 1.0172165678352
tduepunti0 : = -8.5413004935368E+16
v=v_elettrone : = 38951429.096764
x0= : -1.2292123254873E-14
y0= : 3.1570658170313E-13
*****
i=40859
k(40859)=0.99997863883357
kQ(40859)=0.99995727812343
r1= : 3.1631768692097E-13
rpunto1: = 1959499.6936323
rduepunti0 : = 2.1242488864815E+27
fil : = 491.72703976977
fipunto1 : = 1.2287643330066E+20
fi_gradi : = 28173.884051269
t1 : = 1.0810236002891E-14
tpunto1 : = 1.0172048513989
tduepunti0 : = -9.990251405834E+16
v=v_elettrone : = 38942278.116457
x0= : -1.6860125851071E-14
y0= : 3.1566715873941E-13
*****
i=40860
k(40860)=0.99997287776367
kQ(40860)=0.99994575626296
r1= : 3.1654749448462E-13
rpunto1: = 2207978.5012436
rduepunti0 : = 2.1187037521681E+27
fil : = 491.74145055731
fipunto1 : = 1.2269789169559E+20
fi_gradi : = 28174.709728575
t1 : = 1.0810236122187E-14
tpunto1 : = 1.0171914457658
tduepunti0 : = -1.1430578530415E+17
v=v_elettrone : = 38931113.63423
x0= : -2.1426592969732E-14
y0= : 3.1559115984568E-13
```

```
*****
i=40861
k(40861)=0.99996644997297
kQ(40861)=0.99993290107155
r1= : 3.1680644331815E-13
rpunto1: = 2455714.2580602
rduepunti0 : = 2.1123679824428E+27
fil : = 491.75584040572
fipunto1 : = 1.2249714787999E+20
fi_gradi : = 28175.534206157
t1 : = 1.0810236241482E-14
tpunto1 : = 1.01717636261
tduepunti0 : = -1.2860951449885E+17
v=v_elettrone : = 38917942.38119
x0= : -2.599099689097E-14
y0= : 3.1547865909615E-13
*****
i=40862
k(40862)=0.99995936434843
kQ(40862)=0.99991873034811
r1= : 3.1709444627754E-13
rpunto1: = 2702615.3507121
rduepunti0 : = 2.1052510531778E+27
fil : = 491.77020671116
fipunto1 : = 1.2227442803417E+20
fi_gradi : = 28176.357334826
t1 : = 1.0810236360775E-14
tpunto1 : = 1.0171596151368
tduepunti0 : = -1.4280064630001E+17
v=v_elettrone : = 38902772.728276
x0= : -3.0552812426538E-14
y0= : 3.1532974515692E-13
*****
i=40863
k(40863)=0.9999516307199
kQ(40863)=0.99990326377939
r1= : 3.1741140547445E-13
rpunto1: = 2948591.4196273
rduepunti0 : = 2.0973636551314E+27
fil : = 491.78454689631
fipunto1 : = 1.2202998348481E+20
fi_gradi : = 28177.178966912
t1 : = 1.0810236480066E-14
tpunto1 : = 1.0171412180496
tduepunti0 : = -1.5686640678099E+17
v=v_elettrone : = 38885614.669986
x0= : -3.511151742702E-14
y0= : 3.1514452113916E-13
*****
i=40864
k(40864)=0.99994325982931
kQ(40864)=0.99988652287806
r1= : 3.1775721242331E-13
rpunto1: = 3193553.4971308
rduepunti0 : = 2.0887176565878E+27
fil : = 491.79885841332
fipunto1 : = 1.2176408997544E+20
fi_gradi : = 28177.998956435
t1 : = 1.0810236599355E-14
tpunto1 : = 1.0171211875132
tduepunti0 : = -1.7079433463058E+17
v=v_elettrone : = 38866479.80143
x0= : -3.9666593281134E-14
y0= : 3.1492310442826E-13
```



```
*****
i=40865
k(40865)=0.99993426329696
kQ(40865)=0.99986853091524
r1= : 3.1813174820454E-13
rpunto1 : = 3437414.1406932
rduepunti0 : = 2.0793260620043E+27
fil : = 491.81313874669
fipunto1 : = 1.2147704686969E+20
fi_gradi : = 28178.817159267
t1 : = 1.0810236718642E-14
tpunto1 : = 1.0170995411137
tduepunti0 : = -1.8457231082307E+17
v=v_elettrone : = 38845381.292868
x0= : -4.4217525405522E-14
y0= : 3.1466562648952E-13
*****
i=40866
k(40866)=0.99992465358539
kQ(40866)=0.99984931284785
r1= : 3.185348836434E-13
rpunto1 : = 3680087.5608916
rduepunti0 : = 2.0692029669198E+27
fil : = 491.82738541601
fipunto1 : = 1.2116917629168E+20
fi_gradi : = 28179.633433292
t1 : = 1.0810236837926E-14
tpunto1 : = 1.0170762978153
tduepunti0 : = -1.9818858662638E+17
v=v_elettrone : = 38822333.861219
x0= : -4.8763803723908E-14
y0= : 3.1437223265112E-13
*****
i=40867
k(40867)=0.99991444396074
kQ(40867)=0.99982889524132
r1= : 3.1896647950388E-13
rpunto1 : = 3921489.7436765
rduepunti0 : = 2.0583635094069E+27
fil : = 491.84159597868
fipunto1 : = 1.2084082220808E+20
fi_gradi : = 28180.447638557
t1 : = 1.0810236957207E-14
tpunto1 : = 1.0170514779131
tduepunti0 : = -2.1163180982879E+17
v=v_elettrone : = 38797353.735923
x0= : -5.3304923134512E-14
y0= : 3.1404308186511E-13
*****
i=40868
k(40868)=0.99990364845212
kQ(40868)=0.99980730618787
r1= : 3.1942638669694E-13
rpunto1 : = 4161538.5665743
rduepunti0 : = 2.0468238183627E+27
fil : = 491.85576803241
fipunto1 : = 1.2049234945675E+20
fi_gradi : = 28181.259637423
t1 : = 1.0810237076486E-14
tpunto1 : = 1.0170251029848
tduepunti0 : = -2.2489104907905E+17
v=v_elettrone : = 38770458.62291
x0= : -5.784038396431E-14
y0= : 3.1367834644738E-13
```

```
*****
i=40869
k(40869)=0.99989228180889
kQ(40869)=0.99978457522099
r1= : 3.1991444650227E-13
rpunto1: = 4400153.9084915
rduepunti0 : = 2.034600958951E+27
fil : = 491.86989921771
fipunto1 : = 1.20124142727E+20
fi_gradi : = 28182.0692947
t1 : = 1.0810237195761E-14
tpunto1 : = 1.0169971958376
tduepunti0 : = -2.3795581624932E+17
v=v_elettrone : = 38741667.665319
x0= : -6.2369692409254E-14
y0= : 3.1327821179749E-13
*****
i=40870
k(40870)=0.99988035945636
kQ(40870)=0.99976073322658
r1= : 3.2043049080312E-13
rpunto1: = 4637257.7528245
rduepunti0 : = 2.0217128755214E+27
fil : = 491.88398722021
fipunto1 : = 1.197366054968E+20
fi_gradi : = 28182.876477785
t1 : = 1.0810237315033E-14
tpunto1 : = 1.0169677804546
tduepunti0 : = -2.5081608674504E+17
v=v_elettrone : = 38711001.399831
x0= : -6.6892360959424E-14
y0= : 3.1284287609938E-13
*****
i=40871
k(40871)=0.99986789744997
kQ(40871)=0.99973581235102
r1= : 3.2097434233301E-13
rpunto1: = 4872774.2836184
rduepunti0 : = 2.0081783323403E+27
fil : = 491.89802977284
fipunto1 : = 1.1933015893224E+20
fi_gradi : = 28183.681056785
t1 : = 1.0810237434302E-14
tpunto1 : = 1.0169368819383
tduepunti0 : = -2.6346231770179E+17
v=v_elettrone : = 38678481.711152
x0= : -7.1407908808039E-14
y0= : 3.1237255000398E-13
*****
i=40872
k(40872)=0.99985491242827
kQ(40872)=0.99970984590695
r1= : 3.215458149339E-13
rpunto1: = 5106629.9745579
rduepunti0 : = 1.9940168524732E+27
fil : = 491.91202465796
fipunto1 : = 1.1890524075472E+20
fi_gradi : = 28184.482904636
t1 : = 1.0810237553567E-14
tpunto1 : = 1.0169045264515
tduepunti0 : = -2.7588546402398E+17
v=v_elettrone : = 38644131.784066
x0= : -7.5915862243561E-14
y0= : 3.1186745629502E-13
```

```
*****
i=40873
k(40873)=0.99984142156492
kQ(40873)=0.99968286827695
r1= : 3.2214471382464E-13
rpunto1: = 5338753.6706142
rduepunti0 : = 1.9792486551657E+27
fil : = 491.92596970923
fipunto1 : = 1.1846230408141E+20
fi_gradi : = 28185.281897219
t1 : = 1.0810237672828E-14
tpunto1 : = 1.0168707411583
tduepunti0 : = -2.8807699223605E+17
v=v_elettrone : = 38607976.051392
x0= : -8.0415755024167E-14
y0= : 3.1132782953889E-13
*****
i=40874
k(40874)=0.9998274425199
kQ(40874)=0.99965491481588
r1= : 3.2277083587915E-13
rpunto1: = 5569076.6622129
rduepunti0 : = 1.9638945920655E+27
fil : = 491.93986281346
fipunto1 : = 1.1800181624454E+20
fi_gradi : = 28186.077913456
t1 : = 1.0810237792086E-14
tpunto1 : = 1.0168355541619
tduepunti0 : = -3.000288921319E+17
v=v_elettrone : = 38570040.14185
x0= : -8.490712873368E-14
y0= : 3.1075391572008E-13
*****
i=40875
k(40875)=0.9998129933903
kQ(40875)=0.99962602175207
r1= : 3.2342396991316E-13
rpunto1: = 5797532.7518254
rduepunti0 : = 1.9479760826319E+27
fil : = 491.95370191228
fipunto1 : = 1.1752425759489E+20
fi_gradi : = 28186.87083541
t1 : = 1.0810237911339E-14
tpunto1 : = 1.0167989944425
tduepunti0 : = -3.1173368622281E+17
v=v_elettrone : = 38530350.823702
x0= : -8.9389533118611E-14
y0= : 3.1014597186319E-13
*****
i=40876
k(40876)=0.99979809266075
kQ(40876)=0.99959622608808
r1= : 3.2410389697884E-13
rpunto1: = 6024058.3129306
rduepunti0 : = 1.9315150490679E+27
fil : = 491.96748500364
fipunto1 : = 1.1703012029496E+20
fi_gradi : = 28187.660548374
t1 : = 1.0810238030588E-14
tpunto1 : = 1.016761091794
tduepunti0 : = -3.2318443699897E+17
v=v_elettrone : = 38488935.948529
x0= : -9.3862526405525E-14
y0= : 3.0950426564292E-13
```

```
*****
i=40877
k(40877)=0.99978275915388
kQ(40877)=0.99956556550135
r1= : 3.2481039066634E-13
rpunto1: = 6248592.3413278
rduepunti0 : = 1.9145338511081E+27
fil : = 491.98121014323
fipunto1 : = 1.1651990710712E+20
fi_gradi : = 28188.446940946
t1 : = 1.0810238149832E-14
tpunto1 : = 1.01672187676
tduepunti0 : = -3.3437475203278E+17
v=v_elettrone : = 38445824.392095
x0= : -9.8325675598505E-14
y0= : 3.0882907498318E-13
*****
i=40878
k(40878)=0.9997670119809
kQ(40878)=0.99953407824521
r1= : 3.2554321741129E-13
rpunto1: = 6471076.4988227
rduepunti0 : = 1.8970552209824E+27
fil : = 491.99487544568
fipunto1 : = 1.1599413018186E+20
fi_gradi : = 28189.229905102
t1 : = 1.0810238269072E-14
tpunto1 : = 1.0166813805695
tduepunti0 : = -3.4529878696562E+17
v=v_elettrone : = 38401045.994436
x0= : -1.0277855675622E-13
y0= : 3.0812068764678E-13
*****
i=40879
k(40879)=0.99975087049257
kQ(40879)=0.99950180305066
r1= : 3.2630213680752E-13
rpunto1: = 6691455.1493423
rduepunti0 : = 1.8791021988644E+27
fil : = 492.00847908571
fipunto1 : = 1.1545330985119E+20
fi_gradi : = 28190.009336262
t1 : = 1.0810238388307E-14
tpunto1 : = 1.0166396350724
tduepunti0 : = -3.5595124643144E+17
v=v_elettrone : = 38354631.499136
x0= : -1.0722075524838E-13
y0= : 3.0737940081674E-13
*****
i=40880
k(40880)=0.99973435423085
kQ(40880)=0.99946877902938
r1= : 3.2708690192392E-13
rpunto1: = 6909675.387571
rduepunti0 : = 1.8606980690991E+27
fil : = 492.02201929903
fipunto1 : = 1.1489797343182E+20
fi_gradi : = 28190.785133339
t1 : = 1.0810238507537E-14
tpunto1 : = 1.0165966726756
tduepunti0 : = -3.6632738298197E+17
v=v_elettrone : = 38306612.490922
x0= : -1.1165186599143E-13
y0= : 3.0660552067076E-13
```

```
*****
i=40881
k(40881)=0.99971748288121
kQ(40881)=0.99943504557833
r1= : 3.2789725962472E-13
rpunto1: = 7125687.0602323
rduepunti0 : = 1.8418662974891E+27
fil : = 492.03549438322
fipunto1 : = 1.1432865404282E+20
fi_gradi : = 28191.557198791
t1 : = 1.0810238626762E-14
tpunto1 : = 1.0165525262787
tduepunti0 : = -3.7642299408858E+17
v=v_elettrone : = 38257021.333848
x0= : -1.1607149366324E-13
y0= : 3.0579936194991E-13
*****
i=40882
k(40882)=0.99970027622597
kQ(40882)=0.99940064228627
r1= : 3.2873295089224E-13
rpunto1: = 7339442.7801689
rduepunti0 : = 1.8226304699014E+27
fil : = 492.04890269837
fipunto1 : = 1.1374588944198E+20
fi_gradi : = 28192.32543866
t1 : = 1.0810238745982E-14
tpunto1 : = 1.0165072292109
tduepunti0 : = -3.8623441730468E+17
v=v_elettrone : = 38205891.107916
x0= : -1.2047925289706E-13
y0= : 3.0496124752298E-13
*****
i=40883
k(40883)=0.99968275409879
kQ(40883)=0.99936560884255
r1= : 3.2959371115128E-13
rpunto1: = 7550897.9334074
rduepunti0 : = 1.8030142324357E+27
fil : = 492.06224266766
fipunto1 : = 1.131502208849E+20
fi_gradi : = 28193.089762599
t1 : = 1.0810238865197E-14
tpunto1 : = 1.0164608151684
tduepunti0 : = -3.9575852368105E+17
v=v_elettrone : = 38153255.546081
x0= : -1.2487476845441E-13
y0= : 3.0409150794749E-13
*****
i=40884
k(40884)=0.99966493634042
kQ(40884)=0.99932998494849
r1= : 3.3047927059439E-13
rpunto1: = 7760010.6794147
rduepunti0 : = 1.7830412333801E+27
fil : = 492.07551277771
fipunto1 : = 1.1254219201054E+20
fi_gradi : = 28193.850083899
t1 : = 1.0810238984406E-14
tpunto1 : = 1.0164133181526
tduepunti0 : = -4.0499270953308E+17
v=v_elettrone : = 38099148.97231
x0= : -1.2925767537737E-13
y0= : 3.0319048102886E-13
```

```

*****
i=40885
k(40885)=0.99964684275584
kQ(40885)=0.99929381023172
r1= : 3.3138935450711E-13
rpunto1: = 7966741.9447805
rduepunti0 : = 1.7627350671542E+27
fil : = 492.08871157894
fipunto1 : = 1.1192234775666E+20
fi_gradi : = 28194.606319504
t1 : = 1.081023910361E-14
tpunto1 : = 1.01636477241
tduepunti0 : = -4.1393488666497E+17
v=v_elettrone : = 38043606.237484
x0= : -1.336276191204E-13
y0= : 3.0225851137861E-13
*****
i=40886
k(40886)=0.99962849307304
kQ(40886)=0.99925712416347
r1= : 3.3232368359251E-13
rpunto1: = 8171055.4105797
rduepunti0 : = 1.7421192204224E+27
fil : = 492.10183768564
fipunto1 : = 1.112912333084E+20
fi_gradi : = 28195.358390019
t1 : = 1.0810239222808E-14
tpunto1 : = 1.0163152123727
tduepunti0 : = -4.2258347116062E+17
v=v_elettrone : = 37986662.658984
x0= : -1.3798425566176E-13
y0= : 3.0129594997296E-13
*****
i=40887
k(40887)=0.99960990690339
kQ(40887)=0.99921996597939
r1= : 3.332819742942E-13
rpunto1: = 8372917.4936886
rduepunti0 : = 1.7212170205375E+27
fil : = 492.11488977606
fipunto1 : = 1.1064939308259E+20
fi_gradi : = 28196.106219714
t1 : = 1.0810239342E-14
tpunto1 : = 1.0162646726009
tduepunti0 : = -4.3093737085457E+17
v=v_elettrone : = 37928353.957808
x0= : -1.4232725159523E-13
y0= : 3.0030315371278E-13
*****
i=40888
k(40888)=0.99959110370381
kQ(40888)=0.9991823746038
r1= : 3.3426393911723E-13
rpunto1: = 8572297.3223443
rduepunti0 : = 1.7000515864522E+27
fil : = 492.1278665923
fipunto1 : = 1.0999736975053E+20
fi_gradi : = 28196.849736516
t1 : = 1.0810239461186E-14
tpunto1 : = 1.016213187727
tduepunti0 : = -4.3899597159888E+17
v=v_elettrone : = 37868716.199069
x0= : -1.4665628420214E-13
y0= : 2.9928048498601E-13

```

```
*****
i=40889
k(40889)=0.9995721027408
kQ(40889)=0.99914438857766
r1= : 3.3526928694605E-13
rpunto1: = 8769166.7062493
rduepunti0 : = 1.6786457822161E+27
fil : = 492.14076694009
fipunto1 : = 1.0933570330128E+20
fi_gradi : = 28197.588871999
t1 : = 1.0810239580366E-14
tpunto1 : = 1.0161607924009
tduepunti0 : = -4.467591224435E+17
v=v_elettrone : = 37807785.732116
x0= : -1.5097104150452E-13
y0= : 2.9822831123354E-13
*****
i=40890
k(40890)=0.99955292305636
kQ(40890)=0.9991060459905
r1= : 3.3629772335897E-13
rpunto1: = 8963500.1015385
rduepunti0 : = 1.6570221731537E+27
fil : = 492.15358968851
fipunto1 : = 1.0866493014737E+20
fi_gradi : = 28198.323561365
t1 : = 1.081023969954E-14
tpunto1 : = 1.0161075212378
tduepunti0 : = -4.5422711984812E+17
v=v_elettrone : = 37745599.132692
x0= : -1.5527122229964E-13
y0= : 2.9714700451946E-13
*****
i=40891
k(40891)=0.99953358343588
kQ(40891)=0.99906738441616
r1= : 3.3734895093855E-13
rpunto1: = 9155274.5709277
rduepunti0 : = 1.6352029847986E+27
fil : = 492.16633376953
fipunto1 : = 1.0798558227452E+20
fi_gradi : = 28199.053743421
t1 : = 1.0810239818708E-14
tpunto1 : = 1.0160534087676
tduepunti0 : = -4.6140069104319E+17
v=v_elettrone : = 37682193.144943
x0= : -1.5955653617657E-13
y0= : 2.9603694110661E-13
*****
i=40892
k(40892)=0.99951410237809
kQ(40892)=0.99902844085269
r1= : 3.3842266957733E-13
rpunto1: = 9344469.7393781
rduepunti0 : = 1.6132100646389E+27
fil : = 492.17899817752
fipunto1 : = 1.0729818643656E+20
fi_gradi : = 28199.779360549
t1 : = 1.0810239937869E-14
tpunto1 : = 1.0159984893866
tduepunti0 : = -4.6828097665657E+17
v=v_elettrone : = 37617604.627808
x0= : -1.6382670351532E-13
y0= : 2.9489850103832E-13
```

```
*****
i=40893
k(40893)=0.99949449806704
kQ(40893)=0.99898925166628
r1= : 3.3951857677824E-13
rpunto1: = 9531067.7456062
rduepunti0 : = 1.5910648467094E+27
fil : = 492.19158196862
fipunto1 : = 1.0660326339664E+20
fi_gradi : = 28200.500358669
t1 : = 1.0810240057024E-14
tpunto1 : = 1.0159427973106
tduepunti0 : = -4.7486951272018E+17
v=v_elettrone : = 37551870.499476
x0= : -1.6808145546932E-13
y0= : 2.9373206772696E-13
*****
i=40894
k(40894)=0.99947478834608
kQ(40894)=0.99894985253945
r1= : 3.406363679495E-13
rpunto1: = 9715053.1897781
rduepunti0 : = 1.5687883190473E+27
fil : = 492.20408426005
fipunto1 : = 1.0590132721522E+20
fi_gradi : = 28201.216687203
t1 : = 1.0810240176173E-14
tpunto1 : = 1.0158863665314
tduepunti0 : = -4.8116821216835E+17
v=v_elettrone : = 37485027.686369
x0= : -1.7232053393171E-13
y0= : 2.9253802755028E-13
*****
i=40895
k(40895)=0.99945499069403
kQ(40895)=0.9989102784232
r1= : 3.4177573669324E-13
rpunto1: = 9896413.0777228
rduepunti0 : = 1.5464009940127E+27
fil : = 492.21650422933
fipunto1 : = 1.0519288458547E+20
fi_gradi : = 28201.928299024
t1 : = 1.0810240295314E-14
tpunto1 : = 1.0158292307743
tduepunti0 : = -4.8717934593622E+17
v=v_elettrone : = 37417113.072385
x0= : -1.7654369148622E-13
y0= : 2.9131676945594E-13
*****
i=40896
k(40896)=0.99943512220329
kQ(40896)=0.9988705634935
r1= : 3.4293637508767E-13
rpunto1: = 10075136.761998
rduepunti0 : = 1.5239228814549E+27
fil : = 492.22884111338
fipunto1 : = 1.0447843421604E+20
fi_gradi : = 28202.635150413
t1 : = 1.081024041445E-14
tpunto1 : = 1.0157714234585
tduepunti0 : = -4.9290552376231E+17
v=v_elettrone : = 37348163.450916
x0= : -1.8075069134341E-13
y0= : 2.9006868457503E-13
```



```

*****
i=40897
k(40897)=0.99941519956009
kQ(40897)=0.998830741111174
r1= : 3.4411797396225E-13
rpunto1: = 10251215.880141
rduepunti0 : = 1.5013734646961E+27
fil : = 492.24109420763
fipunto1 : = 1.0375846626131E+20
fi_gradi : = 28203.337200999
t1 : = 1.0810240533578E-14
tpunto1 : = 1.0157129776599
tduepunti0 : = -4.983496747952E+17
v=v_elettrone : = 37278215.478199
x0= : -1.8494130726289E-13
y0= : 2.8879416584509E-13
*****
i=40898
k(40898)=0.99939523902673
kQ(40898)=0.99879084378929
r1= : 3.4532022316574E-13
rpunto1: = 10424644.290423
rduepunti0 : = 1.4787716792834E+27
fil : = 492.25326286498
fipunto1 : = 1.0303346179856E+20
fi_gradi : = 28204.034413707
t1 : = 1.0810240652699E-14
tpunto1 : = 1.0156539260753
tduepunti0 : = -5.0351502809933E+17
v=v_elettrone : = 37207305.62907
x0= : -1.8911532346234E-13
y0= : 2.8749360764306E-13
*****
i=40899
k(40899)=0.99937525642576
kQ(40899)=0.99875090315605
r1= : 3.4654281182657E-13
rpunto1: = 10595418.005438
rduepunti0 : = 1.4561358944533E+27
fil : = 492.26534649474
fipunto1 : = 1.0230389235182E+20
fi_gradi : = 28204.726754694
t1 : = 1.0810240771814E-14
tpunto1 : = 1.0155943009903
tduepunti0 : = -5.0840509314939E+17
v=v_elettrone : = 37135470.154615
x0= : -1.9327253451401E-13
y0= : 2.8616740542865E-13
*****
i=40900
k(40900)=0.9993552671262
kQ(40900)=0.99871094993288
r1= : 3.4778542860555E-13
rpunto1: = 10763535.123818
rduepunti0 : = 1.433483897238E+27
fil : = 492.27734456156
fipunto1 : = 1.0157021946147E+20
fi_gradi : = 28205.414193285
t1 : = 1.0810240890922E-14
tpunto1 : = 1.0155341342481
tduepunti0 : = -5.1302364039767E+17
v=v_elettrone : = 37062745.042256
x0= : -1.9741274522956E-13
y0= : 2.8481595539856E-13

```

```
*****
i=40901
k(40901)=0.99933528603157
kQ(40901)=0.9986710139078
r1= : 3.490477619405E-13
rpunto1: = 10928995.760392
rduepunti0 : = 1.4108328791331E+27
fil : = 492.28925658418
fipunto1 : = 1.0083289429878E+20
fi_gradi : = 28206.096701907
t1 : = 1.0810241010022E-14
tpunto1 : = 1.0154734572214
tduepunti0 : = -5.1737468199273E+17
v=v_elettrone : = 36989165.977081
x0= : -2.0153577053392E-13
y0= : 2.8343965415171E-13
*****
i=40902
k(40902)=0.9993153275698
kQ(40902)=0.99863112391593
r1= : 3.5032950028271E-13
rpunto1: = 11091801.975068
rduepunti0 : = 1.3881994252384E+27
fil : = 492.30108213427
fipunto1 : = 1.0009235732436E+20
fi_gradi : = 28206.774256017
t1 : = 1.0810241129115E-14
tpunto1 : = 1.0154123007863
tduepunti0 : = -5.21462452722E+17
v=v_elettrone : = 36914768.306831
x0= : -2.0564143532887E-13
y0= : 2.8203889836608E-13
*****
i=40903
k(40903)=0.99929540568489
kQ(40903)=0.99859130782292
r1= : 3.5163033232504E-13
rpunto1: = 11251957.700719
rduepunti0 : = 1.3655995057751E+27
fil : = 492.31282083515
fipunto1 : = 9.9349037989302E+19
fi_gradi : = 28207.446834034
t1 : = 1.0810241248202E-14
tpunto1 : = 1.0153506952984
tduepunti0 : = -5.2529139124487E+17
v=v_elettrone : = 36839587.007991
x0= : -2.0972957434727E-13
y0= : 2.8061408448694E-13
*****
i=40904
k(40904)=0.99927553383033
kQ(40904)=0.99855159251189
r1= : 3.529499472216E-13
rpunto1: = 11409468.670348
rduepunti0 : = 1.3430484698765E+27
fil : = 492.32447236051
fipunto1 : = 9.860335447774E+19
fi_gradi : = 28208.114417262
t1 : = 1.0810241367281E-14
tpunto1 : = 1.0152886705707
tduepunti0 : = -5.2886612167707E+17
v=v_elettrone : = 36763656.653361
x0= : -2.1380003199859E-13
y0= : 2.79165608427E-13
```

```
*****
i=40905
k(40905)=0.99925572496409
kQ(40905)=0.99851200387351
r1= : 3.5428803479887E-13
rpunto1 : = 11564342.343765
rduepunti0 : = 1.320561041543E+27
fil : = 492.33603643308
fipunto1 : = 9.785571348931E+19
fi_gradi : = 28208.776989815
t1 : = 1.0810241486352E-14
tpunto1 : = 1.0152262558545
tduepunti0 : = -5.3219143558089E+17
v=v_elettrone : = 36687011.384155
x0= : -2.1785266220634E-13
y0= : 2.7769386527855E-13
*****
i=40906
k(40906)=0.99923599154524
kQ(40906)=0.99847256679941
r1= : 3.5564428575818E-13
rpunto1 : = 11716587.834045
rduepunti0 : = 1.2981513176505E+27
fil : = 492.34751282329
fipunto1 : = 9.7106510060129E+19
fi_gradi : = 28209.434538538
t1 : = 1.0810241605417E-14
tpunto1 : = 1.0151634798216
tduepunti0 : = -5.3527227441026E+17
v=v_elettrone : = 36609684.881373
x0= : -2.2188732823839E-13
y0= : 2.7619924903749E-13
*****
i=40907
k(40907)=0.999216345532
kQ(40907)=0.99843330517833
r1= : 3.5701839186967E-13
rpunto1 : = 11866215.833974
rduepunti0 : = 1.2758327678945E+27
fil : = 492.35890134791
fipunto1 : = 9.6356127420611E+19
fi_gradi : = 28210.087052933
t1 : = 1.0810241724474E-14
tpunto1 : = 1.0151003705485
tduepunti0 : = -5.381137124536E+17
v=v_elettrone : = 36531710.341172
x0= : -2.2590390253066E-13
y0= : 2.7468215233951E-13
*****
i=40908
k(40908)=0.99919679838123
kQ(40908)=0.99839424189529
r1= : 3.5841004615747E-13
rpunto1 : = 12013238.542694
rduepunti0 : = 1.2536182365539E+27
fil : = 492.37020186863
fipunto1 : = 9.5604936888501E+19
fi_gradi : = 28210.734525077
t1 : = 1.0810241843524E-14
tpunto1 : = 1.0150369555032
tduepunti0 : = -5.4072094031217E+17
v=v_elettrone : = 36453120.45229
x0= : -2.2990226650494E-13
y0= : 2.7314296620835E-13
```

```
*****
i=40909
k(40909)=0.99917736104924
kQ(40909)=0.99835539883333
r1= : 3.5981894307644E-13
rpunto1: = 12157669.592767
rduepunti0 : = 1.2315199459542E+27
fil : = 492.3814142907
fipunto1 : = 9.4853297795431E+19
fi_gradi : = 28211.37694954
t1 : = 1.0810241962566E-14
tpunto1 : = 1.0149732615329
tduepunti0 : = -5.4309924894574E+17
v=v_elettrone : = 36373947.373574
x0= : -2.3388231038163E-13
y0= : 2.7158207981593E-13
*****
i=40910
k(40910)=0.99915804399388
kQ(40910)=0.99831679687768
r1= : 3.6124477868023E-13
rpunto1: = 12299523.977825
rduepunti0 : = 1.2095495015118E+27
fil : = 492.39253856152
fipunto1 : = 9.4101557445254E+19
fi_gradi : = 28212.014323308
t1 : = 1.08102420816E-14
tpunto1 : = 1.0149093148546
tduepunti0 : = -5.4525401431281E+17
v=v_elettrone : = 36294222.716411
x0= : -2.3784393298776E-13
y0= : 2.6999988025471E-13
*****
i=40911
k(40911)=0.99913885717772
kQ(40911)=0.9982784559224
r1= : 3.6268725078096E-13
rpunto1: = 12438817.980977
rduepunti0 : = 1.1877178982393E+27
fil : = 492.40357466922
fipunto1 : = 9.3350051102407E+19
fi_gradi : = 28212.646645701
t1 : = 1.0810242200628E-14
tpunto1 : = 1.0148451410463
tduepunti0 : = -5.4719068262699E+17
v=v_elettrone : = 36213977.526197
x0= : -2.4178704156122E-13
y0= : 2.6839675232164E-13
*****
i=40912
k(40912)=0.99911981007237
kQ(40912)=0.99824039487906
r1= : 3.6414605910036E-13
rpunto1: = 12575569.104149
rduepunti0 : = 1.1660355285949E+27
fil : = 492.41452264124
fipunto1 : = 9.2599102008545E+19
fi_gradi : = 28213.273918292
t1 : = 1.0810242319647E-14
tpunto1 : = 1.014780765041
tduepunti0 : = -5.4891475624703E+17
v=v_elettrone : = 36133242.267974
x0= : -2.4571155155163E-13
y0= : 2.6677307831402E-13
```

```
*****
i=40913
k(40913)=0.99910091166382
kQ(40913)=0.99820263168748
r1= : 3.6562090541279E-13
rpunto1: = 12709795.998477
rduepunti0 : = 1.1445121915599E+27
fil : = 492.42538254292
fipunto1 : = 9.1849021425662E+19
fi_gradi : = 28213.896144825
t1 : = 1.081024243866E-14
tpunto1 : = 1.014716211121
tduepunti0 : = -5.5043178021321E+17
v=v_elettrone : = 36052046.812017
x0= : -2.4961738641844E-13
y0= : 2.6512923783685E-13
*****
i=40914
k(40914)=0.99908217045863
kQ(40914)=0.99816518332832
r1= : 3.6711149368001E-13
rpunto1: = 12841518.395903
rduepunti0 : = 1.1231571028308E+27
fil : = 492.43615447614
fipunto1 : = 9.1100108703959E+19
fi_gradi : = 28214.513331135
t1 : = 1.0810242557664E-14
tpunto1 : = 1.0146515029152
tduepunti0 : = -5.5174732943877E+17
v=v_elettrone : = 35970420.422864
x0= : -2.5350447742684E-13
y0= : 2.6346560762159E-13
*****
i=40915
k(40915)=0.99906359449102
kQ(40915)=0.99812806583732
r1= : 3.6861753017787E-13
rpunto1: = 12970757.04208
rduepunti0 : = 1.101978906014E+27
fil : = 492.44683857785
fipunto1 : = 9.0352651372714E+19
fi_gradi : = 28215.125485071
t1 : = 1.0810242676661E-14
tpunto1 : = 1.0145866633962
tduepunti0 : = -5.5286699656118E+17
v=v_elettrone : = 35888391.7487
x0= : -2.5737276344205E-13
y0= : 2.6178256135612E-13
*****
i=40916
k(40916)=0.99904519133077
kQ(40916)=0.99809129432114
r1= : 3.7013872361529E-13
rpunto1: = 13097533.630694
rduepunti0 : = 1.0809856847184E+27
fil : = 492.45743501874
fipunto1 : = 8.9606925252444E+19
fi_gradi : = 28215.732616412
t1 : = 1.0810242795651E-14
tpunto1 : = 1.0145217148803
tduepunti0 : = -5.5379638045452E+17
v=v_elettrone : = 35805988.813104
x0= : -2.6122219072237E-13
y0= : 2.6008046952557E-13
```

```
*****
i=40917
k(40917)=0.99902696809169
kQ(40917)=0.99805488297447
r1= : 3.7167478524537E-13
rpunto1: = 13221870.739303
rduepunti0 : = 1.0601849754398E+27
fil : = 492.46794400185
fipunto1 : = 8.8863194586682E+19
fi_gradi : = 28216.334736791
t1 : = 1.0810242914632E-14
tpunto1 : = 1.0144566790276
tduepunti0 : = -5.5454107540083E+17
v=v_elettrone : = 35723239.007357
x0= : -2.6505271271161E-13
y0= : 2.5835969926398E-13
*****
i=40918
k(40918)=0.99900893144081
kQ(40918)=0.99801884509851
r1= : 3.7322542896907E-13
rpunto1: = 13343791.766764
rduepunti0 : = 1.0395837811389E+27
fil : = 492.4783657612
fipunto1 : = 8.8121712191725E+19
fi_gradi : = 28216.931859617
t1 : = 1.0810243033606E-14
tpunto1 : = 1.0143915768438
tduepunti0 : = -5.5510666091549E+17
v=v_elettrone : = 35640169.086467
x0= : -2.6886428983112E-13
y0= : 2.5662061421639E-13
*****
i=40919
k(40919)=0.99899108760815
kQ(40919)=0.99798319312051
r1= : 3.7479037143157E-13
rpunto1: = 13463320.87232
rduepunti0 : = 1.0191885854173E+27
fil : = 492.48870056046
fipunto1 : = 8.738271962277E+19
fi_gradi : = 28217.523999996
t1 : = 1.0810243152573E-14
tpunto1 : = 1.014326428683
tduepunti0 : = -5.5549869221881E+17
v=v_elettrone : = 35556805.163598
x0= : -2.7265688927224E-13
y0= : 2.5486357441097E-13
*****
i=40920
k(40920)=0.99897344239683
kQ(40920)=0.99794793861418
r1= : 3.7636933211138E-13
rpunto1: = 13580482.916417
rduepunti0 : = 9.9900536720006E+26
fil : = 492.49894869163
fipunto1 : = 8.6646447354876E+19
fi_gradi : = 28218.111174661
t1 : = 1.0810243271532E-14
tpunto1 : = 1.0142612542519
tduepunti0 : = -5.5572269134364E+17
v=v_elettrone : = 35473172.707857
x0= : -2.7643048478903E-13
y0= : 2.5308893614126E-13
```

```
*****
i=40921
k(40921)=0.99895600119381
kQ(40921)=0.99791309232113
r1= : 3.7796203340263E-13
rpunto1: = 13695303.403283
rduepunti0 : = 9.7903961584027E+26
fil : = 492.50911047376
fipunto1 : = 8.5913114977287E+19
fi_gradi : = 28218.693401889
t1 : = 1.0810243390483E-14
tpunto1 : = 1.0141960726143
tduepunti0 : = -5.5578413886675E+17
v=v_elettrone : = 35389296.543077
x0= : -2.8018505649217E-13
y0= : 2.5129705185785E-13
*****
i=40922
k(40922)=0.99893876898078
kQ(40922)=0.99787866417284
r1= : 3.7956820069055E-13
rpunto1: = 13807808.425325
rduepunti0 : = 9.5929634656194E+26
fil : = 492.51918625163
fipunto1 : = 8.5182931399654E+19
fi_gradi : = 28219.270701436
t1 : = 1.0810243509427E-14
tpunto1 : = 1.0141309021971
tduepunti0 : = -5.5568846624953E+17
v=v_elettrone : = 35305200.847202
x0= : -2.8392059064397E-13
y0= : 2.4948827006942E-13
*****
i=40923
k(40923)=0.99892175034552
kQ(40923)=0.99784466331337
r1= : 3.8118756242045E-13
rpunto1: = 13918024.609368
rduepunti0 : = 9.3978011616644E+26
fil : = 492.52917639452
fipunto1 : = 8.4456095068802E+19
fi_gradi : = 28219.84309446
t1 : = 1.0810243628363E-14
tpunto1 : = 1.0140657607967
tduepunti0 : = -5.5544104877238E+17
v=v_elettrone : = 35220909.153372
x0= : -2.8763707945508E-13
y0= : 2.4766293525276E-13
*****
i=40924
k(40924)=0.99890494949342
kQ(40924)=0.99781109812246
r1= : 3.8281985016039E-13
rpunto1: = 14025979.064752
rduepunti0 : = 9.2049503892964E+26
fil : = 492.53908129499
fipunto1 : = 8.3732794194718E+19
fi_gradi : = 28220.410603454
t1 : = 1.0810243747291E-14
tpunto1 : = 1.0140006655864
tduepunti0 : = -5.5504719904516E+17
v=v_elettrone : = 35136444.351084
x0= : -2.9133452088305E-13
y0= : 2.4582138777146E-13
```

```
*****
i=40925
k(40925)=0.99888837025922
kQ(40925)=0.99777797623912
r1= : 3.844647986578E-13
rpunto1 : = 14131699.333315
rduepunti0 : = 9.0144480262298E+26
fil : = 492.54890136768
fipunto1 : = 8.3013206984509E+19
fi_gradi : = 28220.973252174
t1 : = 1.0810243866212E-14
tpunto1 : = 1.0139356331247
tduepunti0 : = -5.5451216107544E+17
v=v_elettrone : = 35051828.690362
x0= : -2.95012918433E-13
y0= : 2.4396396380299E-13
*****
i=40926
k(40926)=0.99887201611889
kQ(40926)=0.99774530458543
r1= : 3.8612214589017E-13
rpunto1 : = 14235213.341256
rduepunti0 : = 8.8263268459622E+26
fil : = 492.55863704813
fipunto1 : = 8.2297501883152E+19
fi_gradi : = 28221.531065574
t1 : = 1.0810243985125E-14
tpunto1 : = 1.0138706793637
tduepunti0 : = -5.5384110487483E+17
v=v_elettrone : = 34967083.784247
x0= : -2.9867228096085E-13
y0= : 2.4209099527374E-13
*****
i=40927
k(40927)=0.99885589020166
kQ(40927)=0.99771308939054
r1= : 3.8779163311013E-13
rpunto1 : = 14336549.352893
rduepunti0 : = 8.6406156786404E+26
fil : = 492.56828879161
fipunto1 : = 8.1585837819896E+19
fi_gradi : = 28222.08406974
t1 : = 1.081024410403E-14
tpunto1 : = 1.0138058196581
tduepunti0 : = -5.5303912158325E+17
v=v_elettrone : = 34882230.614152
x0= : -3.0231262247898E-13
y0= : 2.4020280980186E-13
*****
i=40928
k(40928)=0.998839995302
kQ(40928)=0.9976813362149
r1= : 3.8947300488512E-13
rpunto1 : = 14435735.926293
rduepunti0 : = 8.4573395714369E+26
fil : = 492.57785707207
fipunto1 : = 8.0878364459271E+19
fi_gradi : = 28222.632291828
t1 : = 1.0810244222928E-14
tpunto1 : = 1.0137410687758
tduepunti0 : = -5.5211121909011E+17
v=v_elettrone : = 34797289.534892
x0= : -3.0593396196494E-13
y0= : 2.3829973064747E-13
```



```
*****
i=40929
k(40929)=0.99882433389177
kQ(40929)=0.99765004997433
r1= : 3.9116600913184E-13
rpunto1 : = 14532801.870776
rduepunti0 : = 8.2765199479484E+26
fil : = 492.58734238097
fipunto1 : = 8.0175222455693E+19
fi_gradi : = 28223.175759995
t1 : = 1.0810244341818E-14
tpunto1 : = 1.0136764409071
tduepunti0 : = -5.5106231813104E+17
v=v_elettrone : = 34712280.281376
x0= : -3.0953632317296E-13
y0= : 2.3638207666998E-13
*****
i=40930
k(40930)=0.99880890813222
kQ(40930)=0.99761923496427
r1= : 3.928703971457E-13
rpunto1 : = 14627776.206271
rduepunti0 : = 8.0981747661756E+26
fil : = 492.59674522629
fipunto1 : = 7.9476543710755E+19
fi_gradi : = 28223.714503348
t1 : = 1.0810244460701E-14
tpunto1 : = 1.0136119496763
tduepunti0 : = -5.498972488387E+17
v=v_elettrone : = 34627221.975042
x0= : -3.1311973444889E-13
y0= : 2.3445016229209E-13
*****
i=40931
k(40931)=0.998793719888601
kQ(40931)=0.99758889488374
r1= : 3.9458592362552E-13
rpunto1 : = 14720688.124503
rduepunti0 : = 7.9223186746815E+26
fil : = 492.60606613149
fipunto1 : = 7.8782451632293E+19
fi_gradi : = 28224.248551877
t1 : = 1.0810244579576E-14
tpunto1 : = 1.0135476081519
tduepunti0 : = -5.4862074772557E+17
v=v_elettrone : = 34542133.131156
x0= : -3.1668422854829E-13
y0= : 2.3250429747037E-13
*****
i=40932
k(40932)=0.99877877072917
kQ(40932)=0.99755903285926
r1= : 3.963123466937E-13
rpunto1 : = 14811566.951988
rduepunti0 : = 7.7489631665683E+26
fil : = 492.61530563448
fipunto1 : = 7.8093061394464E+19
fi_gradi : = 28224.777936403
t1 : = 1.0810244698443E-14
tpunto1 : = 1.0134834288582
tduepunti0 : = -5.4723745507725E+17
v=v_elettrone : = 34457031.667068
x0= : -3.2022984245808E-13
y0= : 2.3054478767189E-13
```

```
*****
i=40933
k(40933)=0.99876406196283
kQ(40933)=0.99752965146849
r1= : 3.9804942791202E-13
rpunto1 : = 14900442.114801
rduepunti0 : = 7.5781167309488E+26
fil : = 492.62446428668
fipunto1 : = 7.7408480198034E+19
fi_gradi : = 28225.30268852
t1 : = 1.0810244817303E-14
tpunto1 : = 1.013419423787
tduepunti0 : = -5.457519127343E+17
v=v_elettrone : = 34371934.911143
x0= : -3.2375661722169E-13
y0= : 2.2857193385679E-13
*****
i=40934
k(40934)=0.99874959462499
kQ(40934)=0.99750075276359
r1= : 3.9979693229331E-13
rpunto1 : = 14987343.105087
rduepunti0 : = 7.4097850016272E+26
fil : = 492.63354265209
fipunto1 : = 7.6728807530222E+19
fi_gradi : = 28225.822840543
t1 : = 1.0810244936156E-14
tpunto1 : = 1.0133556044091
tduepunti0 : = -5.441685622413E+17
v=v_elettrone : = 34286859.61067
x0= : -3.2726459776805E-13
y0= : 2.2658603246627E-13
*****
i=40935
k(40935)=0.998735369502
kQ(40935)=0.9974723382943
r1= : 4.0155462830919E-13
rpunto1 : = 15072299.449287
rduepunti0 : = 7.2439709027367E+26
fil : = 492.64254130637
fipunto1 : = 7.6054135423434E+19
fi_gradi : = 28226.338425455
t1 : = 1.0810245055001E-14
tpunto1 : = 1.0132919816863
tduepunti0 : = -5.4249174334172E+17
v=v_elettrone : = 34201821.942256
x0= : -3.3075383274408E-13
y0= : 2.24587375416E-13
*****
i=40936
k(40936)=0.9987213871399
kQ(40936)=0.99744440913064
r1= : 4.0332228789411E-13
rpunto1 : = 15155340.678028
rduepunti0 : = 7.0806747911147E+26
fil : = 492.651460836
fipunto1 : = 7.5384548712306E+19
fi_gradi : = 28226.849476857
t1 : = 1.0810245173839E-14
tpunto1 : = 1.0132285660836
tduepunti0 : = -5.40725692798E+17
v=v_elettrone : = 34116837.520544
x0= : -3.3422437435123E-13
y0= : 2.2257625009435E-13
```

```
*****
i=40937
k(40937)=0.99870764785556
kQ(40937)=0.99741696588519
r1= : 4.0509968644582E-13
rpunto1: = 15236496.29764
rduerpunti0 : = 6.919894595228E+26
fil : = 492.66030183737
fipunto1 : = 7.4720125288534E+19
fi_gradi : = 28227.356028923
t1 : = 1.0810245292669E-14
tpunto1 : = 1.0131653675813
tduerpunti0 : = -5.3887454351619E+17
v=v_elettrone : = 34031921.409763
x0= : -3.3767627818574E-13
y0= : 2.2055293936551E-13
*****
i=40938
k(40938)=0.99869415174765
kQ(40938)=0.99739000873496
r1= : 4.0688660282256E-13
rpunto1: = 15315795.763267
rduerpunti0 : = 6.7616259504883E+26
fil : = 492.66906491603
fipunto1 : = 7.4060936352983E+19
fi_gradi : = 28227.858116345
t1 : = 1.0810245411491E-14
tpunto1 : = 1.0131023956871
tduerpunti0 : = -5.3694232395546E+17
v=v_elettrone : = 33947088.131993
x0= : -3.4110960308293E-13
y0= : 2.1851772157679E-13
*****
i=40939
k(40939)=0.99868089870731
kQ(40939)=0.99736353744283
r1= : 4.0868281933702E-13
rpunto1: = 15393268.453516
rduerpunti0 : = 6.6058623308259E+26
fil : = 492.67775068587
fipunto1 : = 7.3407046664652E+19
fi_gradi : = 28228.355774299
t1 : = 1.0810245530307E-14
tpunto1 : = 1.0130396594488
tduerpunti0 : = -5.3493295780299E+17
v=v_elettrone : = 33862351.679792
x0= : -3.4452441096531E-13
y0= : 2.1647087057038E-13
*****
i=40940
k(40940)=0.99866788842859
kQ(40940)=0.99733755137843
r1= : 4.1048812174735E-13
rpunto1: = 15468943.646605
rduerpunti0 : = 6.4525951764144E+26
fil : = 492.68635976839
fipunto1 : = 7.2758514786096E+19
fi_gradi : = 28228.849038393
t1 : = 1.0810245649115E-14
tpunto1 : = 1.0129771674661
tduerpunti0 : = -5.3285026389563E+17
v=v_elettrone : = 33777725.525604
x0= : -3.4792076669476E-13
y0= : 2.1441265569873E-13
```

```
*****
i=40941
k(40941)=0.99865512041874
kQ(40941)=0.99731204953858
r1= : 4.1230229924544E-13
rpunto1: = 15542850.497964
rduepunti0 : = 6.3018140174627E+26
fil : = 492.69489279193
fipunto1 : = 7.2115393324954E+19
fi_gradi : = 28229.337944628
t1 : = 1.0810245767915E-14
tpunto1 : = 1.0129149279032
tduepunti0 : = -5.3069795637007E+17
v=v_elettrone : = 33693222.632957
x0= : -3.5129873792864E-13
y0= : 2.1234334184385E-13
*****
i=40942
k(40942)=0.99864259400808
kQ(40942)=0.99728703056719
r1= : 4.1412514444249E-13
rpunto1: = 15615018.019239
rduepunti0 : = 6.1535065940129E+26
fil : = 492.70335039103
fipunto1 : = 7.1477729171266E+19
fi_gradi : = 28229.822529361
t1 : = 1.0810245886709E-14
tpunto1 : = 1.012852948501
tduepunti0 : = -5.2847964502423E+17
v=v_elettrone : = 33608855.467631
x0= : -3.546583949798E-13
y0= : 2.1026318943989E-13
*****
i=40943
k(40943)=0.99863030835973
kQ(40943)=0.99726249277464
r1= : 4.1595645335214E-13
rpunto1: = 15685475.058657
rduepunti0 : = 6.0076589717008E+26
fil : = 492.71173320571
fipunto1 : = 7.0845563730315E+19
fi_gradi : = 28230.302829263
t1 : = 1.0810246005495E-14
tpunto1 : = 1.0127912365891
tduepunti0 : = -5.2619883587292E+17
v=v_elettrone : = 33524636.008857
x0= : -3.5799981068065E-13
y0= : 2.0817245449899E-13
*****
i=40944
k(40944)=0.99861826247899
kQ(40944)=0.99723843415655
r1= : 4.1779602537131E-13
rpunto1: = 15754250.282697
rduepunti0 : = 5.8642556534567E+26
fil : = 492.72004188085
fipunto1 : = 7.0218933150744E+19
fi_gradi : = 28230.778881282
t1 : = 1.0810246124274E-14
tpunto1 : = 1.0127297990981
tduepunti0 : = -5.2385893188189E+17
v=v_elettrone : = 33440575.760641
x0= : -3.6132306025111E-13
y0= : 2.0607138864011E-13
```

```
*****
i=40945
k(40945)=0.99860645522249
kQ(40945)=0.99721485241204
r1= : 4.1964366325888E-13
rpunto1: = 15821372.159025
rduepunti0 : = 5.7232796871376E+26
fil : = 492.72827706558
fipunto1 : = 6.9597868547752E+19
fi_gradi : = 28231.25072261
t1 : = 1.0810246243045E-14
tpunto1 : = 1.0126686425714
tduepunti0 : = -5.2146323386468E+17
v=v_elettrone : = 33356685.762544
x0= : -3.6462822117048E-13
y0= : 2.0396023912056E-13
*****
i=40946
k(40946)=0.99859488530707
kQ(40946)=0.99719174496145
r1= : 4.2149917311241E-13
rpunto1: = 15886868.940645
rduepunti0 : = 5.5847127691007E+26
fil : = 492.73643941266
fipunto1 : = 6.8982396221198E+19
fi_gradi : = 28231.718390649
t1 : = 1.081024636181E-14
tpunto1 : = 1.0126077731772
tduepunti0 : = -5.1901494152785E+17
v=v_elettrone : = 33272976.601222
x0= : -3.6791537305318E-13
y0= : 2.0183924887017E-13
*****
i=40947
k(40947)=0.99858355131829
kQ(40947)=0.99716910896344
r1= : 4.233623643429E-13
rpunto1: = 15950768.651213
rduepunti0 : = 5.4485353437379E+26
fil : = 492.74452957795
fipunto1 : = 6.8372537868459E+19
fi_gradi : = 28232.181922976
t1 : = 1.0810246480567E-14
tpunto1 : = 1.0125471967203
tduepunti0 : = -5.1651715465037E+17
v=v_elettrone : = 33189458.421868
x0= : -3.7118459752834E-13
y0= : 1.9970865652788E-13
*****
i=40948
k(40948)=0.99857245171873
kQ(40948)=0.99714694133155
r1= : 4.2523304964795E-13
rpunto1: = 16013099.071481
rduepunti0 : = 5.3147266990068E+26
fil : = 492.75254821985
fipunto1 : = 6.7768310791931E+19
fi_gradi : = 28232.641357314
t1 : = 1.0810246599317E-14
tpunto1 : = 1.0124869186531
tduepunti0 : = -5.1397287438413E+17
v=v_elettrone : = 33106140.939245
x0= : -3.7443597812321E-13
y0= : 1.9756869648031E-13
```

```
*****
i=40949
k(40949)=0.99856158485603
kQ(40949)=0.99712523875018
r1= : 4.2711104498324E-13
rpunto1: = 16073887.7268
rduerpunti0 : = 5.1832650580032E+26
fil : = 492.76049599879
fipunto1 : = 6.7169728101082E+19
fi_gradi : = 28233.096731504
t1 : = 1.081024671806E-14
tpunto1 : = 1.012426944088
tduepunti0 : = -5.113850046629E+17
v=v_elettrone : = 33023033.448674
x0= : -3.7766960015026E-13
y0= : 1.9541959890256E-13
*****
i=40950
k(40950)=0.99855094897055
kQ(40950)=0.99710399768998
r1= : 4.289961695326E-13
rpunto1: = 16133161.875667
rduerpunti0 : = 5.0541276666289E+26
fil : = 492.76837357673
fipunto1 : = 6.6576798908993E+19
fi_gradi : = 28233.548083473
t1 : = 1.0810246836796E-14
tpunto1 : = 1.0123672778076
tduepunti0 : = -5.087563537079E+17
v=v_elettrone : = 32940144.837902
x0= : -3.8088555059803E-13
y0= : 1.9326158980075E-13
*****
i=40951
k(40951)=0.99854054220284
kQ(40951)=0.99708321442274
r1= : 4.3088824567669E-13
rpunto1: = 16190948.499244
rduerpunti0 : = 4.9272908774193E+26
fil : = 492.77618161671
fipunto1 : = 6.5989528523326E+19
fi_gradi : = 28233.99545121
t1 : = 1.0810246955526E-14
tpunto1 : = 1.0123079242764
tduepunti0 : = -5.0608963561882E+17
v=v_elettrone : = 32857483.597156
x0= : -3.840839180256E-13
y0= : 1.9109489105613E-13
*****
i=40952
k(40952)=0.99853036260079
kQ(40952)=0.99706288503567
r1= : 4.3278709896048E-13
rpunto1: = 16247274.29182
rduerpunti0 : = 4.8027302296023E+26
fil : = 492.78392078239
fipunto1 : = 6.5407918631715E+19
fi_gradi : = 28234.43887274
t1 : = 1.0810247074248E-14
tpunto1 : = 1.0122488876515
tduepunti0 : = -5.0338747203965E+17
v=v_elettrone : = 32775057.830806
x0= : -3.872647924606E-13
y0= : 1.8891972047085E-13
```

```
*****
i=40953
k(40953)=0.9985204081265
kQ(40953)=0.99704300544511
r1= : 4.3469255805963E-13
rpunto1: = 16302165.652167
rduepunti0 : = 4.6804205254644E+26
fil : = 492.79159173762
fipunto1 : = 6.4831967481542E+19
fi_gradi : = 28234.8783861
t1 : = 1.0810247192963E-14
tpunto1 : = 1.0121901717929
tduepunti0 : = -5.0065239388954E+17
v=v_elettrone : = 32692875.267748
x0= : -3.904282653008E-13
y0= : 1.8673629181506E-13
*****
i=40954
k(40954)=0.99851067666288
kQ(40954)=0.99702357140977
r1= : 4.3660445474579E-13
rpunto1: = 16355648.675754
rduepunti0 : = 4.5603359031099E+26
fil : = 492.79919514606
fipunto1 : = 6.4261670054143E+19
fi_gradi : = 28235.314029313
t1 : = 1.0810247311671E-14
tpunto1 : = 1.0121317802745
tduepunti0 : = -4.9788684314934E+17
v=v_elettrone : = 32610943.272856
x0= : -3.9357442921908E-13
y0= : 1.8454481487514E-13
*****
i=40955
k(40955)=0.99850116602002
kQ(40955)=0.99700457854333
r1= : 4.3852262385108E-13
rpunto1: = 16407749.147767
rduepunti0 : = 4.4424499056989E+26
fil : = 492.80673167075
fipunto1 : = 6.369701823343E+19
fi_gradi : = 28235.74584037
t1 : = 1.0810247430373E-14
tpunto1 : = 1.0120737163939
tduepunti0 : = -4.9509317469518E+17
v=v_elettrone : = 32529268.856209
x0= : -3.9670337807183E-13
y0= : 1.8234549550309E-13
*****
i=40956
k(40956)=0.99849187394121
kQ(40956)=0.99698602232662
r1= : 4.4044690323164E-13
rpunto1: = 16458492.536904
rduepunti0 : = 4.3267355472576E+26
fil : = 492.81420197382
fipunto1 : = 6.3138000968991E+19
fi_gradi : = 28236.173857208
t1 : = 1.0810247549067E-14
tpunto1 : = 1.0120159831825
tduepunti0 : = -4.9227365817098E+17
v=v_elettrone : = 32447858.685175
x0= : -3.998152068106E-13
y0= : 1.8013853566694E-13
```

```
*****
i=40957
k(40957)=0.9984827981088
kQ(40957)=0.99696789811918
r1= : 4.4237713373058E-13
rpunto1: = 16507903.989903
rduepunti0 : = 4.2131653751556E+26
fil : = 492.82160671607
fipunto1 : = 6.2584604433708E+19
fi_gradi : = 28236.598117687
t1 : = 1.0810247667755E-14
tpunto1 : = 1.0119585834154
tduepunti0 : = -4.8943047989236E+17
v=v_elettrone : = 32366719.093501
x0= : -4.0291001139706E-13
y0= : 1.779241335018E-13
*****
i=40958
k(40958)=0.99847393614977
kQ(40958)=0.99695020117041
r1= : 4.4431315914016E-13
rpunto1: = 16556008.326762
rduepunti0 : = 4.1017115293481E+26
fil : = 492.8289465567
fipunto1 : = 6.2036812175955E+19
fi_gradi : = 28237.018659578
t1 : = 1.0810247786436E-14
tpunto1 : = 1.0119015196206
tduepunti0 : = -4.8656574477497E+17
v=v_elettrone : = 32285856.09138
x0= : -4.0598788872104E-13
y0= : 1.7570248336183E-13
*****
i=40959
k(40959)=0.99846528564099
kQ(40959)=0.99693292663014
r1= : 4.4625482616351E-13
rpunto1: = 16602830.036619
rduepunti0 : = 3.9923457984833E+26
fil : = 492.83622215297
fipunto1 : = 6.1494605266445E+19
fi_gradi : = 28237.435520537
t1 : = 1.0810247905111E-14
tpunto1 : = 1.0118447940888
tduepunti0 : = -4.8368147828076E+17
v=v_elettrone : = 32205275.376503
x0= : -4.0904893652171E-13
y0= : 1.7347377587281E-13
*****
i=40960
k(40960)=0.99845684411434
kQ(40960)=0.99691606955877
r1= : 4.4820198437582E-13
rpunto1: = 16648393.274258
rduepunti0 : = 3.8850396729738E+26
fil : = 492.84343415993
fipunto1 : = 6.0957962439806E+19
fi_gradi : = 28237.848738097
t1 : = 1.0810248023779E-14
tpunto1 : = 1.0117884088822
tduepunti0 : = -4.8077962837612E+17
v=v_elettrone : = 32124982.342715
x0= : -4.1209325331174E-13
y0= : 1.7123819798506E-13
```



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*****
i=40961
k(40961)=0.99844860906155
kQ(40961)=0.99689962493695
r1= : 4.5015448618509E-13
rpunto1: = 16692721.857194
rduerpunti0 : = 3.7797643951374E+26
fil : = 492.85058323011
fipunto1 : = 6.0426860230969E+19
fi_gradi : = 28238.258349646
t1 : = 1.081024814244E-14
tpunto1 : = 1.0117323658434
tduerpunti0 : = -4.7786206749657E+17
v=v_elettrone : = 32044982.08996
x0= : -4.1512093830446E-13
y0= : 1.6899593302694E-13
*****
i=40962
k(40962)=0.99844057793876
kQ(40962)=0.99688358767469
r1= : 4.5211218679265E-13
rpunto1: = 16735839.263323
rduerpunti0 : = 3.6764910065064E+26
fil : = 492.85767001332
fipunto1 : = 5.990127310647E+19
fi_gradi : = 28238.664392415
t1 : = 1.0810248261095E-14
tpunto1 : = 1.01167666666038
tduerpunti0 : = -4.7493059451266E+17
v=v_elettrone : = 31965279.433784
x0= : -4.1813209134375E-13
y0= : 1.6674716075865E-13
*****
i=40963
k(40963)=0.99843274817097
kQ(40963)=0.99686795262023
r1= : 4.5407494415327E-13
rpunto1: = 16777768.629086
rduerpunti0 : = 3.5751903924085E+26
fil : = 492.86469515636
fipunto1 : = 5.9381173590755E+19
fi_gradi : = 28239.066903461
t1 : = 1.0810248379743E-14
tpunto1 : = 1.0116213125926
tduerpunti0 : = -4.719869366927E+17
v=v_elettrone : = 31885878.914756
x0= : -4.2112681283685E-13
y0= : 1.6449205742624E-13
*****
i=40964
k(40964)=0.99842511715614
kQ(40964)=0.99685271456825
r1= : 4.5604261893511E-13
rpunto1: = 16818532.748133
rduerpunti0 : = 3.4758333239218E+26
fil : = 492.87165930281
fipunto1 : = 5.8866532387601E+19
fi_gradi : = 28239.465919661
t1 : = 1.0810248498384E-14
tpunto1 : = 1.0115663050444
tduerpunti0 : = -4.690327516578E+17
v=v_elettrone : = 31806784.806623
x0= : -4.2410520368981E-13
y0= : 1.6223079581576E-13
```

```
*****
i=40965
k(40965)=0.99841768226921
kQ(40965)=0.99683786826782
r1= : 4.5801507447956E-13
rpunto1: = 16858154.070442
rduepunti0 : = 3.3783904973038E+26
fil : = 492.8785630928
fipunto1 : = 5.835731849675E+19
fi_gradi : = 28239.86147769
t1 : = 1.081024861702E-14
tpunto1 : = 1.0115116450072
tduepunti0 : = -4.6606962932566E+17
v=v_elettrone : = 31728001.126355
x0= : -4.2706736524559E-13
y0= : 1.5996354530761E-13
*****
i=40966
k(40966)=0.99841044086582
kQ(40966)=0.99682340842988
r1= : 4.5999217676093E-13
rpunto1: = 16896654.701877
rduepunti0 : = 3.2828325709938E+26
fil : = 492.88540716286
fipunto1 : = 5.7853499325883E+19
fi_gradi : = 28240.253614019
t1 : = 1.0810248735648E-14
tpunto1 : = 1.0114573333506
tduepunti0 : = -4.6309909383928E+17
v=v_elettrone : = 31649531.641522
x0= : -4.3001339922469E-13
y0= : 1.5769047193077E-13
*****
i=40967
k(40967)=0.99840339028589
kQ(40967)=0.99680932973437
r1= : 4.6197379434604E-13
rpunto1: = 16934056.404153
rduepunti0 : = 3.1891302002891E+26
fil : = 492.89219214567
fipunto1 : = 5.7355040798037E+19
fi_gradi : = 28240.642364898
t1 : = 1.0810248854271E-14
tpunto1 : = 1.0114033707727
tduepunti0 : = -4.6012260547771E+17
v=v_elettrone : = 31571379.879843
x0= : -4.3294340766828E-13
y0= : 1.5541173841714E-13
*****
i=40968
k(40968)=0.99839652785698
kQ(40968)=0.99679562683687
r1= : 4.6395979835393E-13
rpunto1: = 16970380.595175
rduepunti0 : = 3.0972540697891E+26
fil : = 492.89891866991
fipunto1 : = 5.6861907454582E+19
fi_gradi : = 28241.027766348
t1 : = 1.0810248972887E-14
tpunto1 : = 1.0113497578076
tduepunti0 : = -4.5714156254576E+17
v=v_elettrone : = 31493549.136747
x0= : -4.3585749288378E-13
y0= : 1.531275042556E-13
```

```
*****
i=40969
k(40969)=0.99838985089745
kQ(40969)=0.99678229437504
r1= : 4.6595006241547E-13
rpunto1: = 17005648.349742
rduepunti0 : = 3.0071749237045E+26
fil : = 492.90558736012
fipunto1 : = 5.6374062553885E+19
fi_gradi : = 28241.409854152
t1 : = 1.0810249091497E-14
tpunto1 : = 1.0112964948325
tduepunti0 : = -4.5415730324029E+17
v=v_elettrone : = 31416042.483307
x0= : -4.3875575739271E-13
y0= : 1.5083792574605E-13
*****
i=40970
k(40970)=0.99838335671954
kQ(40970)=0.99676932697458
r1= : 4.6794446263319E-13
rpunto1: = 17039880.400575
rduepunti0 : = 2.9188635941245E+26
fil : = 492.91219883651
fipunto1 : = 5.5891468165773E+19
fi_gradi : = 28241.788663845
t1 : = 1.08102492101E-14
tpunto1 : = 1.0112435820745
tduepunti0 : = -4.5117110749067E+17
v=v_elettrone : = 31338862.774926
x0= : -4.4163830388083E-13
y0= : 1.4854315605322E-13
*****
i=40971
k(40971)=0.99837704263214
kQ(40971)=0.99675671925489
r1= : 4.699428775411E-13
rpunto1: = 17073097.139657
rduepunti0 : = 2.8322910273311E+26
fil : = 492.91875371487
fipunto1 : = 5.5414085261918E+19
fi_gradi : = 28242.16423071
t1 : = 1.0810249328697E-14
tpunto1 : = 1.0111910196173
tduepunti0 : = -4.4818419877152E+17
v=v_elettrone : = 31262012.657471
x0= : -4.445052351505E-13
y0= : 1.462433452601E-13
*****
i=40972
k(40972)=0.99837090594348
kQ(40972)=0.99674446583441
r1= : 4.7194518806476E-13
rpunto1: = 17105318.619859
rduepunti0 : = 2.747428308252E+26
fil : = 492.92525260638
fipunto1 : = 5.4941873802263E+19
fi_gradi : = 28242.536589765
t1 : = 1.0810249447289E-14
tpunto1 : = 1.0111388074074
tduepunti0 : = -4.4519774588584E+17
v=v_elettrone : = 31185494.576714
x0= : -4.473566540751E-13
y0= : 1.439386404213E-13
```

```
*****
i=40973
k(40973)=0.99836494396369
kQ(40973)=0.99673256133563
r1= : 4.7395127748152E-13
rpunto1: = 17136564.55683
rduepunti0 : = 2.6642466831364E+26
fil : = 492.93169611755
fipunto1 : = 5.447479281761E+19
fi_gradi : = 28242.905775761
t1 : = 1.0810249565874E-14
tpunto1 : = 1.0110869452605
tduepunti0 : = -4.4221286471713E+17
v=v_elettrone : = 31109310.783623
x0= : -4.5019266355562E-13
y0= : 1.4162918561574E-13
*****
i=40974
k(40974)=0.99835915400713
kQ(40974)=0.99672100038983
r1= : 4.7596103138094E-13
rpunto1: = 17166854.331139
rduepunti0 : = 2.5827175805395E+26
fil : = 492.93808485007
fipunto1 : = 5.4012800488496E+19
fi_gradi : = 28243.271823171
t1 : = 1.0810249684453E-14
tpunto1 : = 1.0110354328673
tduepunti0 : = -4.3923061994908E+17
v=v_elettrone : = 31033463.342857
x0= : -4.5301336647907E-13
y0= : 1.3931512199925E-13
*****
i=40975
k(40975)=0.99835353333946
kQ(40975)=0.99670977764148
r1= : 4.7797433762551E-13
rpunto1: = 17196206.990637
rduepunti0 : = 2.5028126306949E+26
fil : = 492.94441940073
fipunto1 : = 5.3555854220459E+19
fi_gradi : = 28243.634766189
t1 : = 1.0810249803026E-14
tpunto1 : = 1.0109842697996
tduepunti0 : = -4.3625202675164E+17
v=v_elettrone : = 30957954.13873
x0= : -4.5581886567897E-13
y0= : 1.3699658785657E-13
*****
i=40976
k(40976)=0.99834807945545
kQ(40976)=0.99669888775239
r1= : 4.7999108631163E-13
rpunto1: = 17224641.253033
rduepunti0 : = 2.4245036833576E+26
fil : = 492.95070036134
fipunto1 : = 5.3103910715835E+19
fi_gradi : = 28243.994638723
t1 : = 1.0810249921592E-14
tpunto1 : = 1.0109334555158
tduepunti0 : = -4.3327805243277E+17
v=v_elettrone : = 30882784.882404
x0= : -4.5860926389763E-13
y0= : 1.3467371865298E-13
```

```

*****
i=40977
k(40977)=0.99834278952954
kQ(40977)=0.99668832540561
r1= : 4.820111697309E-13
rpunto1: = 17252175.508661
rduepunti0 : = 2.3477628241898E+26
fil : = 492.9569283186
fipunto1 : = 5.2656926042185E+19
fi_gradi : = 28244.351474389
t1 : = 1.0810250040153E-14
tpunto1 : = 1.010882989366
tduepunti0 : = -4.3030961805478E+17
v=v_elettrone : = 30807957.117961
x0= : -4.6138466375018E-13
y0= : 1.3234664708542E-13
*****
i=40978
k(40978)=0.998337660969
kQ(40978)=0.99667808530905
r1= : 4.8403448233168E-13
rpunto1: = 17278827.82342
rduepunti0 : = 2.2725623897677E+26
fil : = 492.96310385408
fipunto1 : = 5.2214855697469E+19
fi_gradi : = 28244.705306508
t1 : = 1.0810250158708E-14
tpunto1 : = 1.0108328705979
tduepunti0 : = -4.2734760001484E+17
v=v_elettrone : = 30733472.229059
x0= : -4.6414516769045E-13
y0= : 1.3001550313311E-13
*****
i=40979
k(40979)=0.99833269114
kQ(40979)=0.99666816219883
r1= : 4.8606092068112E-13
rpunto1: = 17304615.94188
rduepunti0 : = 2.198874981277E+26
fil : = 492.96922754412
fipunto1 : = 5.1777654672097E+19
fi_gradi : = 28245.056168103
t1 : = 1.0810250277258E-14
tpunto1 : = 1.0107830983612
tduepunti0 : = -4.243928315892E+17
v=v_elettrone : = 30659331.445162
x0= : -4.6689087797836E-13
y0= : 1.2768041410762E-13
*****
i=40980
k(40980)=0.99832787742429
kQ(40980)=0.99665855084249
r1= : 4.8809038342739E-13
rpunto1: = 17329557.290532
rduepunti0 : = 2.1266734769696E+26
fil : = 492.97529995981
fipunto1 : = 5.1345277507938E+19
fi_gradi : = 28245.404091893
t1 : = 1.0810250395801E-14
tpunto1 : = 1.0107336717127
tduepunti0 : = -4.2144610444058E+17
v=v_elettrone : = 30585535.846889
x0= : -4.6962189664912E-13
y0= : 1.2534150470237E-13

```

```
*****
i=40981
k(40981)=0.99832321722067
kQ(40981)=0.99664924604183
r1= : 4.9012277126244E-13
rpunto1: = 17353668.981168
rduepunti0 : = 2.055931043444E+26
fil : = 492.98132166686
fipunto1 : = 5.091767835443E+19
fi_gradi : = 28245.749110293
t1 : = 1.0810250514338E-14
tpunto1 : = 1.0106845896214
tduepunti0 : = -4.1850817008873E+17
v=v_elettrone : = 30512086.372416
x0= : -4.7233832548379E-13
y0= : 1.2299889704164E-13
*****
i=40982
k(40982)=0.99831870794638
kQ(40982)=0.99664024263573
r1= : 4.9215798688506E-13
rpunto1: = 17376967.81438
rduepunti0 : = 1.9866211458167E+26
fil : = 492.98729322565
fipunto1 : = 5.0494811021873E+19
fi_gradi : = 28246.091255408
t1 : = 1.081025063287E-14
tpunto1 : = 1.0106358509724
tduepunti0 : = -4.1557974134387E+17
v=v_elettrone : = 30438983.82234
x0= : -4.7504026598147E-13
y0= : 1.2065271072886E-13
*****
i=40983
k(40983)=0.99831434703832
kQ(40983)=0.99663153550254
r1= : 4.941959349644E-13
rpunto1: = 17399470.283174
rduepunti0 : = 1.9187175568436E+26
fil : = 492.99321519111
fipunto1 : = 5.0076629032021E+19
fi_gradi : = 28246.430559035
t1 : = 1.0810250751396E-14
tpunto1 : = 1.0105874545716
tduepunti0 : = -4.1266149370315E+17
v=v_elettrone : = 30366228.86608
x0= : -4.7772781933288E-13
y0= : 1.1830306289446E-13
*****
i=40984
k(40984)=0.99831013195425
kQ(40984)=0.9966231195625
r1= : 4.9623652210387E-13
rpunto1: = 17421192.576667
rduepunti0 : = 1.8521943650514E+26
fil : = 492.99908811272
fipunto1 : = 4.9663085666076E+19
fi_gradi : = 28246.767052657
t1 : = 1.0810250869917E-14
tpunto1 : = 1.0105393991501
tduepunti0 : = -4.0975406671006E+17
v=v_elettrone : = 30293822.046683
x0= : -4.8040108639531E-13
y0= : 1.1595006824291E-13
```

```
*****
i=40985
k(40985)=0.99830606017384
kQ(40985)=0.99661498977981
r1= : 4.9827965680554E-13
rpunto1: = 17442150.583878
rduerpunti0 : = 1.7870259819347E+26
fil : = 493.00491253452
fipunto1 : = 4.9254134010175E+19
fi_gradi : = 28247.100767444
t1 : = 1.0810250988431E-14
tpunto1 : = 1.0104916833678
tduerpunti0 : = -4.0685806527706E+17
v=v_elettrone : = 30221763.78513
x0= : -4.8306016766904E-13
y0= : 1.1359383909924E-13
*****
i=40986
k(40986)=0.99830212919967
kQ(40986)=0.99660714116459
r1= : 5.0032524943492E-13
rpunto1: = 17462359.89759
rduerpunti0 : = 1.7231871482735E+26
fil : = 493.010688995
fipunto1 : = 4.8849726998485E+19
fi_gradi : = 28247.43173425
t1 : = 1.0810251106941E-14
tpunto1 : = 1.0104443058178
tduerpunti0 : = -4.039740609716E+17
v=v_elettrone : = 30150054.38647
x0= : -4.8570516327483E-13
y0= : 1.1123448545493E-13
*****
i=40987
k(40987)=0.99829833655811
kQ(40987)=0.99659956877469
r1= : 5.0237321218619E-13
rpunto1: = 17481835.818274
rduerpunti0 : = 1.6606529396232E+26
fil : = 493.01641802715
fipunto1 : = 4.844981745398E+19
fi_gradi : = 28247.759983613
t1 : = 1.0810251225444E-14
tpunto1 : = 1.0103972650297
tduerpunti0 : = -4.0110259326591E+17
v=v_elettrone : = 30078694.044439
x0= : -4.8833617293282E-13
y0= : 1.0887211501314E-13
*****
i=40988
k(40988)=0.99829467980017
kQ(40988)=0.99659226771732
r1= : 5.04423459048E-13
rpunto1: = 17500593.358072
rduerpunti0 : = 1.599398771025E+26
fil : = 493.02210015843
fipunto1 : = 4.8054358127007E+19
fi_gradi : = 28248.085545754
t1 : = 1.0810251343942E-14
tpunto1 : = 1.0103505594738
tduerpunti0 : = -3.9824417075079E+17
v=v_elettrone : = 30007682.845269
x0= : -4.9095329594261E-13
y0= : 1.0650683323316E-13
```

```
*****
i=40989
k(40989)=0.9982911565022
kQ(40989)=0.9965852331505
r1= : 5.0647590576956E-13
rpunto1: = 17518647.244826
rduepunti0 : = 1.5394004009863E+26
fil : = 493.02773591076
fipunto1 : = 4.7663301731728E+19
fi_gradi : = 28248.408450577
t1 : = 1.0810251462435E-14
tpunto1 : = 1.0103041875638
tduepunti0 : = -3.9539927231399E+17
v=v_elettrone : = 29937020.772844
x0= : -4.935566311644E-13
y0= : 1.0413874337438E-13
*****
i=40990
k(40990)=0.99828776426661
kQ(40990)=0.99657846028444
r1= : 5.0853046982738E-13
rpunto1: = 17536011.926143
rduepunti0 : = 1.4806339347743E+26
fil : = 493.03332580051
fipunto1 : = 4.7276600980521E+19
fi_gradi : = 28248.728727668
t1 : = 1.0810251580922E-14
tpunto1 : = 1.0102581476608
tduepunti0 : = -3.925683482835E+17
v=v_elettrone : = 29866707.713007
x0= : -4.9614627700129E-13
y0= : 1.0176794653946E-13
*****
i=40991
k(40991)=0.99828450072246
kQ(40991)=0.99657194438269
r1= : 5.1058707039232E-13
rpunto1: = 17552701.573494
rduepunti0 : = 1.4230758270672E+26
fil : = 493.0388703385
fipunto1 : = 4.6894208616428E+19
fi_gradi : = 28249.046406294
t1 : = 1.0810251699404E-14
tpunto1 : = 1.0102124380765
tduepunti0 : = -3.8975182153636E+17
v=v_elettrone : = 29796743.457157
x0= : -4.9872233138264E-13
y0= : 9.9394541716915E-14
*****
i=40992
k(40992)=0.99828136352597
kQ(40992)=0.99656568076328
r1= : 5.126456282973E-13
rpunto1: = 17568730.086335
rduepunti0 : = 1.3667028840035E+26
fil : = 493.04437003001
fipunto1 : = 4.6516077443733E+19
fi_gradi : = 28249.361515406
t1 : = 1.081025181788E-14
tpunto1 : = 1.0101670570757
tduepunti0 : = -3.8695008857346E+17
v=v_elettrone : = 29727127.707515
x0= : -5.0128489174843E-13
y0= : 9.7018625822978E-14
```



```

*****
i=40993
k(40993)=0.99827835036106
kQ(40993)=0.99655966479961
r1= : 5.1470606600533E-13
rpunto1 : = 17584111.096247
rduepunti0 : = 1.3114922646688E+26
fil : = 493.04982537479
fipunto1 : = 4.6142160356748E+19
fi_gradi : = 28249.674083638
t1 : = 1.0810251936351E-14
tpunto1 : = 1.01012200288
tduepunti0 : = -3.8416352056096E+17
v=v_elettrone : = 29657860.079632
x0= : -5.0383405503462E-13
y0= : 9.4640293742741E-14
*****
i=40994
k(40994)=0.99827545893972
kQ(40994)=0.99655389192131
r1= : 5.1676830757809E-13
rpunto1 : = 17598857.971085
rduepunti0 : = 1.257421482057E+26
fil : = 493.05523686706
fipunto1 : = 4.5772410366881E+19
fi_gradi : = 28249.984139306
t1 : = 1.0810252054817E-14
tpunto1 : = 1.0100772736701
tduepunti0 : = -3.8139246433891E+17
v=v_elettrone : = 29588940.107301
x0= : -5.0636991765939E-13
y0= : 9.2259638370745E-14
*****
i=40995
k(40995)=0.9982726870024
kQ(40995)=0.99654835761499
r1= : 5.1883227864507E-13
rpunto1 : = 17612983.819138
rduepunti0 : = 1.2044684035419E+26
fil : = 493.06060499554
fipunto1 : = 4.5406780628068E+19
fi_gradi : = 28250.291710412
t1 : = 1.0810252173277E-14
tpunto1 : = 1.010032867589
tduepunti0 : = -3.786372433977E+17
v=v_elettrone : = 29520367.245448
x0= : -5.0889257551038E-13
y0= : 8.9876750650765E-14
*****
i=40996
k(40996)=0.99827003231833
kQ(40996)=0.99654305742484
r1= : 5.2089790637305E-13
rpunto1 : = 17626501.49328
rduepunti0 : = 1.1526112508926E+26
fil : = 493.06593024344
fipunto1 : = 4.5045224460636E+19
fi_gradi : = 28250.596824641
t1 : = 1.0810252291733E-14
tpunto1 : = 1.0099887827441
tduepunti0 : = -3.7589815882302E+17
v=v_elettrone : = 29452140.874186
x0= : -5.1140212393267E-13
y0= : 8.7491719615024E-14

```

```
*****
i=40997
k(40997)=0.99826749268578
kQ(40997)=0.99653798695316
r1= : 5.2296511943619E-13
rpunto1: = 17639423.595127
rduepunti0 : = 1.1018285998644E+26
fil : = 493.07121308851
fipunto1 : = 4.4687695373658E+19
fi_gradi : = 28250.899509367
t1 : = 1.0810252410183E-14
tpunto1 : = 1.0099450172102
tduepunti0 : = -3.7317549020994E+17
v=v_elettrone : = 29384260.301772
x0= : -5.1389865771768E-13
y0= : 8.5104632422664E-14
*****
i=40998
k(40998)=0.9982650659323
kQ(40998)=0.99653314186081
r1= : 5.2503384798656E-13
rpunto1: = 17651762.479174
rduepunti0 : = 1.0520993793963E+26
fil : = 493.07645400303
fipunto1 : = 4.433414708589E+19
fi_gradi : = 28251.19979165
t1 : = 1.0810252528628E-14
tpunto1 : = 1.0099015690317
tduepunti0 : = -3.7046949654682E+17
v=v_elettrone : = 29316724.768906
x0= : -5.1638227109283E-13
y0= : 8.271557439761E-14
*****
i=40999
k(40999)=0.99826274991486
kQ(40999)=0.99652851786759
r1= : 5.2710402362511E-13
rpunto1: = 17663530.256927
rduepunti0 : = 1.0034028704428E+26
fil : = 493.08165345387
fipunto1 : = 4.3984533545333E+19
fi_gradi : = 28251.497698239
t1 : = 1.0810252647068E-14
tpunto1 : = 1.009858436225
tduepunti0 : = -3.6778041706977E+17
v=v_elettrone : = 29249533.450252
x0= : -5.1885305771195E-13
y0= : 8.0324629065636E-14
*****
i=41000
k(41000)=0.99826054252005
kQ(41000)=0.99652411075243
r1= : 5.2917557937327E-13
rpunto1: = 17674738.801012
rduepunti0 : = 9.5571870446842E+25
fil : = 493.08681190249
fipunto1 : = 4.3638808947485E+19
fi_gradi : = 28251.793255574
t1 : = 1.0810252765503E-14
tpunto1 : = 1.0098156167805
tduepunti0 : = -3.6510847208827E+17
v=v_elettrone : = 29182685.458858
x0= : -5.2131111064643E-13
y0= : 7.7931878190993E-14
```

```
*****
i=41001
k(41001)=0.99825844166413
kQ(41001)=0.99651991635369
r1= : 5.3124844964483E-13
rpunto1: = 17685399.749266
rduepunti0 : = 9.0902686163025E+25
fil : = 493.09192980498
fipunto1 : = 4.329692775236E+19
fi_gradi : = 28252.086489787
t1 : = 1.0810252883933E-14
tpunto1 : = 1.0097731086649
tduepunti0 : = -3.6245386378274E+17
v=v_elettrone : = 29116179.848997
x0= : -5.2375652237705E-13
y0= : 7.5537401812203E-14
*****
i=41002
k(41002)=0.99825644529309
kQ(41002)=0.9965159305692
r1= : 5.3332257021848E-13
rpunto1: = 17695524.508798
rduepunti0 : = 8.633076686727E+25
fil : = 493.09700761209
fipunto1 : = 4.2958844700309E+19
fi_gradi : = 28252.377426703
t1 : = 1.0810253002358E-14
tpunto1 : = 1.0097309098235
tduepunti0 : = -3.598167769747E+17
v=v_elettrone : = 29050015.618188
x0= : -5.2618938478652E-13
y0= : 7.3141278277207E-14
*****
i=41003
k(41003)=0.99825455138276
kQ(41003)=0.99651214935639
r1= : 5.3539787821069E-13
rpunto1: = 17705124.260032
rduepunti0 : = 8.1854179655811E+25
fil : = 493.10204576927
fipunto1 : = 4.2624514826716E+19
fi_gradi : = 28252.666091846
t1 : = 1.0810253120777E-14
tpunto1 : = 1.0096890181815
tduepunti0 : = -3.5719737987026E+17
v=v_elettrone : = 28984191.711052
x0= : -5.2860978915259E-13
y0= : 7.0743584278001E-14
*****
i=41004
k(41004)=0.9982527579387
kQ(41004)=0.99650856873221
r1= : 5.3747431204918E-13
rpunto1: = 17714209.960707
rduepunti0 : = 7.7471025785472E+25
fil : = 493.10704471667
fipunto1 : = 4.2293893475614E+19
fi_gradi : = 28252.952510434
t1 : = 1.0810253239192E-14
tpunto1 : = 1.0096474316465
tduepunti0 : = -3.5459582477765E+17
v=v_elettrone : = 28918707.021091
x0= : -5.3101782614182E-13
y0= : 6.834439488446E-14
```

```
*****
i=41005
k(41005)=0.99825106299625
kQ(41005)=0.99650518477315
r1= : 5.3955181144677E-13
rpunto1: = 17722792.349855
rduepunti0 : = 7.3179440390284E+25
fil : = 493.11200488923
fipunto1 : = 4.1966936312276E+19
fi_gradi : = 28253.236707388
t1 : = 1.0810253357603E-14
tpunto1 : = 1.0096061481099
tduepunti0 : = -3.520122487994E+17
v=v_elettrone : = 28853560.393651
x0= : -5.3341358580392E-13
y0= : 6.5943783577668E-14
*****
i=41006
k(41006)=0.99824946462047
kQ(41006)=0.99650199361505
r1= : 5.4163031737575E-13
rpunto1: = 17730881.951735
rduepunti0 : = 6.8977592177854E+25
fil : = 493.11692671669
fipunto1 : = 4.1643599334823E+19
fi_gradi : = 28253.518707328
t1 : = 1.0810253476008E-14
tpunto1 : = 1.0095651654488
tduepunti0 : = -3.494467745E+17
v=v_elettrone : = 28788750.628391
x0= : -5.3579715756666E-13
y0= : 6.3541822282559E-14
*****
i=41007
k(41007)=0.998247960906
kQ(41007)=0.99649899145299
r1= : 5.4370977204267E-13
rpunto1: = 17738489.079734
rduepunti0 : = 6.4863683107315E+25
fil : = 493.1218106236
fipunto1 : = 4.1323838884914E+19
fi_gradi : = 28253.798534582
t1 : = 1.0810253594408E-14
tpunto1 : = 1.0095244815275
tduepunti0 : = -3.4689951054964E+17
v=v_elettrone : = 28724276.481896
x0= : -5.3816863023124E-13
y0= : 6.1138581399936E-14
*****
i=41008
k(41008)=0.99824654997703
kQ(41008)=0.99649617454104
r1= : 5.4579011886362E-13
rpunto1: = 17745623.840229
rduepunti0 : = 6.0835948050626E+25
fil : = 493.12665702943
fipunto1 : = 4.1007611657544E+19
fi_gradi : = 28254.076213182
t1 : = 1.0810253712804E-14
tpunto1 : = 1.0094840941991
tduepunti0 : = -3.4437055234472E+17
v=v_elettrone : = 28660136.669337
x0= : -5.4052809196829E-13
y0= : 5.8734129837852E-14
```

```
*****
i=41009
k(41009)=0.9982452299871
kQ(41009)=0.996493539192
r1= : 5.4787130243996E-13
rpunto1: = 17752296.136402
rduepunti0 : = 5.6892654438791E+25
fil : = 493.13146634854
fipunto1 : = 4.069487471E+19
fi_gradi : = 28254.351766869
t1 : = 1.0810253831195E-14
tpunto1 : = 1.0094440013071
tduepunti0 : = -3.4185998260586E+17
v=v_elettrone : = 28596329.867057
x0= : -5.4287563031429E-13
y0= : 5.6328535042472E-14
*****
i=41010
k(41010)=0.99824399911902
kQ(41010)=0.99649108177714
r1= : 5.4995326853448E-13
rpunto1: = 17758515.672017
rduepunti0 : = 5.3032101894587E+25
fil : = 493.13623899027
fipunto1 : = 4.0385585470029E+19
fi_gradi : = 28254.625219097
t1 : = 1.0810253949581E-14
tpunto1 : = 1.0094042006865
tduepunti0 : = -3.3936787195395E+17
v=v_elettrone : = 28532854.714805
x0= : -5.4521133216838E-13
y0= : 5.3921863028284E-14
*****
i=41011
k(41011)=0.99824285558465
kQ(41011)=0.9964887987258
r1= : 5.52035964048E-13
rpunto1: = 17764291.955151
rduepunti0 : = 4.92526218532E+25
fil : = 493.14097535897
fipunto1 : = 4.007970174324E+19
fi_gradi : = 28254.896593034
t1 : = 1.0810254067963E-14
tpunto1 : = 1.0093646901656
tduepunti0 : = -3.3689427946507E+17
v=v_elettrone : = 28469709.818032
x0= : -5.4753528378976E-13
y0= : 5.1514178407711E-14
*****
i=41012
k(41012)=0.99824179762474
kQ(41012)=0.99648668652506
r1= : 5.5411933699646E-13
rpunto1: = 17769634.301879
rduepunti0 : = 4.5552577172138E+25
fil : = 493.14567585402
fipunto1 : = 3.9777181719791E+19
fi_gradi : = 28255.165911562
t1 : = 1.081025418634E-14
tpunto1 : = 1.009325467567
tduepunti0 : = -3.3443925320479E+17
v=v_elettrone : = 28406893.748769
x0= : -5.4984757079541E-13
y0= : 4.9105544420096E-14
```

```
*****
i=41013
k(41013)=0.99824082350871
kQ(41013)=0.99648474171934
r1= : 5.5620333648837E-13
rpunto1: = 17774551.839914
rduepunti0 : = 4.1930361731697E+25
fil : = 493.15034086991
fipunto1 : = 3.9477983980391E+19
fi_gradi : = 28255.433197284
t1 : = 1.0810254304712E-14
tpunto1 : = 1.0092865307088
tduepunti0 : = -3.3200283074252E+17
v=v_elettrone : = 28344405.049029
x0= : -5.5214827815822E-13
y0= : 4.6696022960286E-14
*****
i=41014
k(41014)=0.99823993153446
kQ(41014)=0.99648296090993
r1= : 5.5828791270271E-13
rpunto1: = 17779053.512194
rduepunti0 : = 3.8384400027159E+25
fil : = 493.15497079629
fipunto1 : = 3.9182067501661E+19
fi_gradi : = 28255.698472525
t1 : = 1.081025442308E-14
tpunto1 : = 1.009247877406
tduepunti0 : = -3.2958503964652E+17
v=v_elettrone : = 28282242.231305
x0= : -5.5443749020557E-13
y0= : 4.4285674606422E-14
*****
i=41015
k(41015)=0.99823912002812
kQ(41015)=0.99648134075452
r1= : 5.603730168673E-13
rpunto1: = 17783148.080425
rduepunti0 : = 3.4913146753835E+25
fil : = 493.15956601797
fipunto1 : = 3.8889391660878E+19
fi_gradi : = 28255.961759333
t1 : = 1.0810254541443E-14
tpunto1 : = 1.0092095054714
tduepunti0 : = -3.2718589796029E+17
v=v_elettrone : = 28220403.78136
x0= : -5.5671529061814E-13
y0= : 4.1874558647373E-14
*****
i=41016
k(41016)=0.99823838734382
kQ(41016)=0.99647987796678
r1= : 5.6245860123749E-13
rpunto1: = 17786844.128577
rduepunti0 : = 3.1515086386015E+25
fil : = 493.16412691501
fipunto1 : = 3.8599916240138E+19
fi_gradi : = 28256.223079484
t1 : = 1.0810254659802E-14
tpunto1 : = 1.0091714127168
tduepunti0 : = -3.2480541466072E+17
v=v_elettrone : = 28158888.159133
x0= : -5.5898176242923E-13
y0= : 3.9462733109469E-14
```

```
*****
i=41017
k(41017)=0.99823773186339
kQ(41017)=0.99647856931577
r1= : 5.6454461907539E-13
rpunto1: = 17790150.06632
rduerpunti0 : = 2.8188732750781E+25
fil : = 493.16865386275
fipunto1 : = 3.8313601429978E+19
fi_gradi : = 28256.482454484
t1 : = 1.0810254778156E-14
tpunto1 : = 1.0091335969539
tduerpunti0 : = -3.2244359009879E+17
v=v_elettrone : = 28097693.800861
x0= : -5.6123698802428E-13
y0= : 3.7050254782808E-14
*****
i=41018
k(41018)=0.99823715199618
kQ(41018)=0.99647741162545
r1= : 5.6663102462934E-13
rpunto1: = 17793074.132424
rduerpunti0 : = 2.4932628597606E+25
fil : = 493.17314723186
fipunto1 : = 3.8030407832468E+19
fi_gradi : = 28256.73990557
t1 : = 1.0810254896506E-14
tpunto1 : = 1.0090960559953
tduerpunti0 : = -3.2010041642332E+17
v=v_elettrone : = 28036819.120565
x0= : -5.6348104914077E-13
y0= : 3.4637179246967E-14
*****
i=41019
k(41019)=0.9982366461787
kQ(41019)=0.99647640177409
r1= : 5.6871777311394E-13
rpunto1: = 17795624.398091
rduerpunti0 : = 2.1745345164591E+25
fil : = 493.1776073884
fipunto1 : = 3.7750296463821E+19
fi_gradi : = 28256.995453715
t1 : = 1.0810255014852E-14
tpunto1 : = 1.0090587876556
tduerpunti0 : = -3.1777587798823E+17
v=v_elettrone : = 27976262.511239
x0= : -5.657140268684E-13
y0= : 3.2223560896192E-14
*****
i=41020
k(41020)=0.99823621287437
kQ(41020)=0.99647553669377
r1= : 5.7080482069037E-13
rpunto1: = 17797808.770252
rduerpunti0 : = 1.8625481742125E+25
fil : = 493.18203469384
fipunto1 : = 3.7473228756537E+19
fi_gradi : = 28257.249119632
t1 : = 1.0810255133193E-14
tpunto1 : = 1.0090217897518
tduerpunti0 : = -3.1546995174407E+17
v=v_elettrone : = 27916022.346869
x0= : -5.6793600164954E-13
y0= : 2.9809452964128E-14
```

```

*****
i=41021
k(41021)=0.99823585057326
kQ(41021)=0.99647481336971
r1= : 5.7289212444712E-13
rpunto1: = 17799634.994804
rduepunti0 : = 1.5571665234715E+25
fil : = 493.18642950514
fipunto1 : = 3.7199166561105E+19
fi_gradi : = 28257.500923771
t1 : = 1.081025525153E-14
tpunto1 : = 1.0089850601049
tduepunti0 : = -3.1318260761414E+17
v=v_elettrone : = 27856096.983086
x0= : -5.7014705327995E-13
y0= : 2.7394907547959E-14
*****
i=41022
k(41022)=0.99823555779171
kQ(41022)=0.99647422883973
r1= : 5.7497964238109E-13
rpunto1: = 17801110.659794
rduepunti0 : = 1.2582549721671E+25
fil : = 493.19079217479
fipunto1 : = 3.69280721473E+19
fi_gradi : = 28257.750886329
t1 : = 1.0810255369862E-14
tpunto1 : = 1.0089485965396
tduepunti0 : = -3.109138088558E+17
v=v_elettrone : = 27796484.759245
x0= : -5.723472609098E-13
y0= : 2.4979975632157E-14
*****
i=41023
k(41023)=0.99823533307213
kQ(41023)=0.99647378019362
r1= : 5.7706733337912E-13
rpunto1: = 17802243.198558
rduepunti0 : = 9.6568160172847E+24
fil : = 493.19512305084
fipunto1 : = 3.6659908205087E+19
fi_gradi : = 28257.999027248
t1 : = 1.081025548819E-14
tpunto1 : = 1.0089123968862
tduepunti0 : = -3.0866351240758E+17
v=v_elettrone : = 27737183.999132
x0= : -5.7453670304485E-13
y0= : 2.2564707111638E-14
*****
i=41024
k(41024)=0.99823517498258
kQ(41024)=0.99647346457251
r1= : 5.7915515719982E-13
rpunto1: = 17803039.892804
rduepunti0 : = 6.7931712310863E+24
fil : = 493.19942247697
fipunto1 : = 3.6394637845155E+19
fi_gradi : = 28258.24536622
t1 : = 1.0810255606514E-14
tpunto1 : = 1.0088764589804
tduepunti0 : = -3.0643166922235E+17
v=v_elettrone : = 27678193.012658
x0= : -5.7671545754795E-13
y0= : 2.014915081452E-14

```



```
*****
i=41025
k(41025)=0.99823508211656
kQ(41025)=0.99647327916825
r1= : 5.8124307445578E-13
rpunto1 : = 17803507.875642
rduepunti0 : = 3.990348328744E+24
fil : = 493.20369079254
fipunto1 : = 3.6132224599113E+19
fi_gradi : = 28258.489922688
t1 : = 1.0810255724834E-14
tpunto1 : = 1.0088407806646
tduepunti0 : = -3.0421822458723E+17
v=v_elettrone : = 27619510.096368
x0= : -5.7888360164066E-13
y0= : 1.773335452434E-14
*****
i=41026
k(41026)=0.99823505309258
kQ(41026)=0.99647322122275
r1= : 5.8333104659616E-13
rpunto1 : = 17803654.134568
rduepunti0 : = 1.2471056940944E+24
fil : = 493.20792833263
fipunto1 : = 3.5872632419358E+19
fi_gradi : = 28258.73271585
t1 : = 1.0810255843149E-14
tpunto1 : = 1.0088053597879
tduepunti0 : = -3.0202311843067E+17
v=v_elettrone : = 27561133.535566
x0= : -5.8104121190515E-13
y0= : 1.5317365001918E-14
*****
i=41027
k(41027)=0.99823508655395
kQ(41027)=0.99647328802738
r1= : 5.8541903588959E-13
rpunto1 : = 17803485.514393
rduepunti0 : = -1.437773307212E+24
fil : = 493.21213542809
fipunto1 : = 3.5615825678637E+19
fi_gradi : = 28258.973764664
t1 : = 1.0810255961461E-14
tpunto1 : = 1.0087701942073
tduepunti0 : = -2.9984628561701E+17
v=v_elettrone : = 27503061.60481
x0= : -5.8318836428627E-13
y0= : 1.290122800661E-14
*****
i=41028
k(41028)=0.99823518116837
kQ(41028)=0.99647347692225
r1= : 5.8750700540747E-13
rpunto1 : = 17803008.720122
rduepunti0 : = -4.0654807620315E+24
fil : = 493.21631240558
fipunto1 : = 3.5361769169327E+19
fi_gradi : = 28259.213087846
t1 : = 1.0810256079768E-14
tpunto1 : = 1.008735281788
tduepunti0 : = -2.976876562292E+17
v=v_elettrone : = 27445292.568299
x0= : -5.8532513409377E-13
y0= : 1.0484988317205E-14
```

```
*****
i=41029
k(41029)=0.99823533562763
kQ(41029)=0.99647378529561
r1= : 5.8959491900754E-13
rpunto1: = 17802230.319779
rduepunti0 : = -6.637184641605E+24
fil : = 493.22045958767
fipunto1 : = 3.511042810244E+19
fi_gradi : = 28259.450703876
t1 : = 1.0810256198071E-14
tpunto1 : = 1.0087006204037
tduepunti0 : = -2.9554715583983E+17
v=v_elettrone : = 27387824.682253
x0= : -5.8745159600475E-13
y0= : 8.0686897524922E-15
*****
i=41030
k(41030)=0.99823554864728
kQ(41030)=0.99647421058314
r1= : 5.9168274131783E-13
rpunto1: = 17801156.747193
rduepunti0 : = -9.1540292306431E+24
fil : = 493.2245772928
fipunto1 : = 3.4861768106389E+19
fi_gradi : = 28259.686631001
t1 : = 1.081025631637E-14
tpunto1 : = 1.0086662079376
tduepunti0 : = -2.9342470577115E+17
v=v_elettrone : = 27330656.195041
x0= : -5.8956782406624E-13
y0= : 5.6523751911812E-15
*****
i=41031
k(41031)=0.9982358189663
kQ(41031)=0.99647475026733
r1= : 5.9377043772093E-13
rpunto1: = 17799794.304715
rduepunti0 : = -1.1617135553269E+25
fil : = 493.22866583541
fipunto1 : = 3.4615755225501E+19
fi_gradi : = 28259.920887237
t1 : = 1.0810256434665E-14
tpunto1 : = 1.0086320422825
tduepunti0 : = -2.9132022334426E+17
v=v_elettrone : = 27273785.348199
x0= : -5.9167389169791E-13
y0= : 3.2360865915351E-15
*****
i=41032
k(41032)=0.99823614534677
kQ(41032)=0.99647540187678
r1= : 5.9585797433856E-13
rpunto1: = 17798149.165905
rduepunti0 : = -1.4027601795526E+25
fil : = 493.23272552595
fipunto1 : = 3.4372355918329E+19
fi_gradi : = 28260.153490371
t1 : = 1.0810256552956E-14
tpunto1 : = 1.0085981213412
tduepunti0 : = -2.8923362211804E+17
v=v_elettrone : = 27217210.377122
x0= : -5.9376987169498E-13
y0= : 8.1986501057064E-16
```

```
*****
i=41033
k(41033)=0.99823652657352
kQ(41033)=0.99647616298556
r1= : 5.9794531801646E-13
rpunto1: = 17796227.37816
rduepunti0 : = -1.6386503724174E+25
fil : = 493.23675667094
fipunto1 : = 3.4131537055746E+19
fi_gradi : = 28260.384457966
t1 : = 1.0810256671243E-14
tpunto1 : = 1.0085644430273
tduepunti0 : = -2.8716481211803E+17
v=v_elettrone : = 27160929.512869
x0= : -5.958558362312E-13
y0= : -1.596249377113E-15
*****
i=41034
k(41034)=0.9982369614538
kQ(41034)=0.99647703121251
r1= : 6.0003243630961E-13
rpunto1: = 17794034.865291
rduepunti0 : = -1.8694895101509E+25
fil : = 493.240759573
fipunto1 : = 3.3893265918852E+19
fi_gradi : = 28260.61380736
t1 : = 1.0810256789527E-14
tpunto1 : = 1.0085310052651
tduepunti0 : = -2.8511370005576E+17
v=v_elettrone : = 27104940.981227
x0= : -5.9793185686202E-13
y0= : -4.0122172610536E-15
*****
i=41035
k(41035)=0.99823744881696
kQ(41035)=0.99647800422058
r1= : 6.0211929746771E-13
rpunto1: = 17791577.430057
rduepunti0 : = -2.095380809599E+25
fil : = 493.24473453094
fipunto1 : = 3.3657510196704E+19
fi_gradi : = 28260.841555674
t1 : = 1.0810256907806E-14
tpunto1 : = 1.0084978059904
tduepunti0 : = -2.8308018953881E+17
v=v_elettrone : = 27049243.005067
x0= : -5.9999800452783E-13
y0= : -6.4280001767618E-15
*****
i=41036
k(41036)=0.9982379875141
kQ(41036)=0.9964790797162
r1= : 6.0420587042102E-13
rpunto1: = 17788860.756653
rduepunti0 : = -2.3164253688468E+25
fil : = 493.24868183976
fipunto1 : = 3.342423798388E+19
fi_gradi : = 28261.067719809
t1 : = 1.0810257026081E-14
tpunto1 : = 1.0084648431504
tduepunti0 : = -2.8106418127198E+17
v=v_elettrone : = 26993833.804803
x0= : -6.0205434955733E-13
y0= : -8.843560488184E-15
```

```
*****
i=41037
k(41037)=0.99823857641776
kQ(41037)=0.99648025544855
r1= : 6.0629212476642E-13
rpunto1: = 17785890.413142
rduepunti0 : = -2.5327222073825E+25
fil : = 493.25260179072
fipunto1 : = 3.319341777789E+19
fi_gradi : = 28261.292316455
t1 : = 1.0810257144353E-14
tpunto1 : = 1.0084321147046
tduepunti0 : = -2.7906557324986E+17
v=v_elettrone : = 26938711.59801
x0= : -6.0410096167103E-13
y0= : -1.1258861370497E-14
*****
i=41038
k(41038)=0.99823921442155
kQ(41038)=0.99648152920896
r1= : 6.0837803075381E-13
rpunto1: = 17782671.853853
rduepunti0 : = -2.7443683057865E+25
fil : = 493.25649467138
fipunto1 : = 3.2965018476442E+19
fi_gradi : = 28261.515362087
t1 : = 1.081025726262E-14
tpunto1 : = 1.0083996186246
tduepunti0 : = -2.7708426094114E+17
v=v_elettrone : = 26883874.601711
x0= : -6.0613790998477E-13
y0= : -1.3673866793096E-14
*****
i=41039
k(41039)=0.99823990043987
kQ(41039)=0.9964828988302
r1= : 6.1046355927278E-13
rpunto1: = 17779210.42172
rduepunti0 : = -2.9514586449308E+25
fil : = 493.26036076567
fipunto1 : = 3.2739009374583E+19
fi_gradi : = 28261.736872973
t1 : = 1.0810257380884E-14
tpunto1 : = 1.0083673528943
tduepunti0 : = -2.7512013746501E+17
v=v_elettrone : = 26829321.031842
x0= : -6.0816526301342E-13
y0= : -1.6088541503196E-14
*****
i=41040
k(41040)=0.99824063340752
kQ(41040)=0.99648436218585
r1= : 6.125486818395E-13
rpunto1: = 17775511.350585
rduepunti0 : = -3.154086244676E+25
fil : = 493.26420035391
fipunto1 : = 3.251536016171E+19
fi_gradi : = 28261.956865175
t1 : = 1.0810257499144E-14
tpunto1 : = 1.0083353155109
tduepunti0 : = -2.7317309375988E+17
v=v_elettrone : = 26775049.104294
x0= : -6.1018308867462E-13
y0= : -1.8502851009593E-14
```

```
*****
i=41041
k(41041)=0.99824141227943
kQ(41041)=0.99648591718964
r1= : 6.14633370584E-13
rpunto1 : = 17771579.767455
rduepunti0 : = -3.3523422020548E+25
fil : = 493.26801371287
fipunto1 : = 3.2294040918482E+19
fi_gradi : = 28262.175354549
t1 : = 1.08102576174E-14
tpunto1 : = 1.008303504484
tduepunti0 : = -2.7124301874475E+17
v=v_elettrone : = 26721057.035093
x0= : -6.1219145429259E-13
y0= : -2.0916761566849E-14
*****
i=41042
k(41042)=0.99824223603031
kQ(41042)=0.99648756179479
r1= : 6.1671759823757E-13
rpunto1 : = 17767420.694707
rduepunti0 : = -3.5463157289315E+25
fil : = 493.27180111579
fipunto1 : = 3.2075022113617E+19
fi_gradi : = 28262.392356751
t1 : = 1.0810257735653E-14
tpunto1 : = 1.0082719178371
tduepunti0 : = -2.693297994735E+17
v=v_elettrone : = 26667343.041934
x0= : -6.14190426602E-13
y0= : -2.3330240159732E-14
*****
i=41043
k(41043)=0.99824310365431
kQ(41043)=0.99648929399339
r1= : 6.1880133812052E-13
rpunto1 : = 17763039.05226
rduepunti0 : = -3.7360941891307E+25
fil : = 493.27556283247
fipunto1 : = 3.1858274600605E+19
fi_gradi : = 28262.607887241
t1 : = 1.0810257853902E-14
tpunto1 : = 1.0082405536066
tduepunti0 : = -2.6743332128239E+17
v=v_elettrone : = 26613905.34374
x0= : -6.1618007175198E-13
y0= : -2.5743254488153E-14
*****
i=41044
k(41044)=0.99824401416474
kQ(41044)=0.99649111181573
r1= : 6.2088456413017E-13
rpunto1 : = 17758439.6597
rduepunti0 : = -3.9217631350266E+25
fil : = 493.27929912929
fipunto1 : = 3.1643769614329E+19
fi_gradi : = 28262.821961279
t1 : = 1.0810257972147E-14
tpunto1 : = 1.0082094098429
tduepunti0 : = -2.6555346793099E+17
v=v_elettrone : = 26560742.161806
x0= : -6.1816045531011E-13
y0= : -2.8155772952266E-14
```

```
*****
i=41045
k(41045)=0.99824496659371
kQ(41045)=0.99649301332968
r1= : 6.2296725072907E-13
rpunto1: = 17753627.238358
rduepunti0 : = -4.103406343588E+25
fil : = 493.28301026924
fipunto1 : = 3.1431478767618E+19
fi_gradi : = 28263.034593936
t1 : = 1.0810258090388E-14
tpunto1 : = 1.00817848461
tduepunti0 : = -2.6369012173684E+17
v=v_elettrone : = 26507851.719822
x0= : -6.201316422665E-13
y0= : -3.0567764637982E-14
*****
i=41046
k(41046)=0.99824595999185
kQ(41046)=0.99649499664006
r1= : 6.2504937293348E-13
rpunto1: = 17748606.413355
rduepunti0 : = -4.2811058518746E+25
fil : = 493.286696512
fipunto1 : = 3.1221374047721E+19
fi_gradi : = 28263.245800088
t1 : = 1.0810258208626E-14
tpunto1 : = 1.0081477759859
tduepunti0 : = -2.6184316370402E+17
v=v_elettrone : = 26455232.24415
x0= : -6.220936970379E-13
y0= : -3.2979199302728E-14
*****
i=41047
k(41047)=0.99824699342798
kQ(41047)=0.996497059888
r1= : 6.271309063021E-13
rpunto1: = 17743381.715598
rduepunti0 : = -4.4549419919807E+25
fil : = 493.29035811395
fipunto1 : = 3.1013427812724E+19
fi_gradi : = 28263.455594426
t1 : = 1.081025832686E-14
tpunto1 : = 1.0081172820627
tduepunti0 : = -2.6001247364593E+17
v=v_elettrone : = 26402881.965666
x0= : -6.2404668347191E-13
y0= : -3.5390047361467E-14
*****
i=41048
k(41048)=0.99824806598879
kQ(41048)=0.99649920125036
r1= : 6.2921182692499E-13
rpunto1: = 17737957.583742
rduepunti0 : = -4.6249934254233E+25
fil : = 493.29399532824
fipunto1 : = 3.0807612787907E+19
fi_gradi : = 28263.663991454
t1 : = 1.0810258445091E-14
tpunto1 : = 1.0080870009468
tduepunti0 : = -2.5819793030252E+17
v=v_elettrone : = 26350799.118263
x0= : -6.2599066485116E-13
y0= : -3.7800279873249E-14
```

```
*****
i=41049
k(41049)=0.99824917677856
kQ(41049)=0.99650141893907
r1= : 6.3129211141278E-13
rpunto1: = 17732338.366107
rduepunti0 : = -4.791337176974E+25
fil : = 493.29760840481
fipunto1 : = 3.0603902062056E+19
fi_gradi : = 28263.871005493
t1 : = 1.0810258563318E-14
tpunto1 : = 1.0080569307589
tduepunti0 : = -2.5639941145203E+17
v=v_elettrone : = 26298981.940705
x0= : -6.2792570389758E-13
y0= : -4.0209868527739E-14
*****
i=41050
k(41050)=0.99825032491884
kQ(41050)=0.99650371120056
r1= : 6.3337173688608E-13
rpunto1: = 17726528.322563
rduepunti0 : = -4.9540486679334E+25
fil : = 493.30119759046
fipunto1 : = 3.0402269083725E+19
fi_gradi : = 28264.076650682
t1 : = 1.0810258681542E-14
tpunto1 : = 1.008027069634
tduepunti0 : = -2.5461679401772E+17
v=v_elettrone : = 26247428.676033
x0= : -6.2985186277667E-13
y0= : -4.2618785632262E-14
*****
i=41051
k(41051)=0.99825150954815
kQ(41051)=0.99650607631516
r1= : 6.3545068096506E-13
rpunto1: = 17720531.626364
rduepunti0 : = -5.1132017488478E+25
fil : = 493.30476312885
fipunto1 : = 3.0202687657469E+19
fi_gradi : = 28264.280940984
t1 : = 1.0810258799762E-14
tpunto1 : = 1.0079974157217
tduepunti0 : = -2.5284995416951E+17
v=v_elettrone : = 26196137.572984
x0= : -6.3176920310186E-13
y0= : -4.5027004098978E-14
*****
i=41052
k(41052)=0.9982527298217
kQ(41052)=0.99650851259647
r1= : 6.3752892175934E-13
rpunto1: = 17714352.365962
rduepunti0 : = -5.2688687316696E+25
fil : = 493.30830526059
fipunto1 : = 3.0005131940032E+19
fi_gradi : = 28264.483890183
t1 : = 1.0810258917978E-14
tpunto1 : = 1.0079679671864
tduepunti0 : = -2.5109876742094E+17
v=v_elettrone : = 26145106.884934
x0= : -6.3367778593878E-13
y0= : -4.7434497432488E-14
```

```
*****
i=41053
k(41053)=0.99825398491107
kQ(41053)=0.99651101839082
r1= : 6.3960643785804E-13
rpunto1: = 17707994.546768
rduepunti0 : = -5.4211204213615E+25
fil : = 493.31182422326
fipunto1 : = 2.9809576436521E+19
fi_gradi : = 28264.685511892
t1 : = 1.0810259036192E-14
tpunto1 : = 1.0079387222068
tduepunti0 : = -2.4936310872154E+17
v=v_elettrone : = 26094334.87155
x0= : -6.3557767180971E-13
y0= : -4.9841239717489E-14
*****
i=41054
k(41054)=0.99825527400394
kQ(41054)=0.99651359207668
r1= : 6.4168320832001E-13
rpunto1: = 17701462.092885
rduepunti0 : = -5.5700261469489E+25
fil : = 493.31532025143
fipunto1 : = 2.9615995996541E+19
fi_gradi : = 28264.885819552
t1 : = 1.0810259154401E-14
tpunto1 : = 1.0079096789767
tduepunti0 : = -2.4764285254478E+17
v=v_elettrone : = 26043819.798631
x0= : -6.3746892069788E-13
y0= : -5.22472056069E-14
*****
i=41055
k(41055)=0.99825659630381
kQ(41055)=0.99651623206407
r1= : 6.4375921266432E-13
rpunto1: = 17694758.848802
rduepunti0 : = -5.7156537920199E+25
fil : = 493.31879357675
fipunto1 : = 2.9424365810328E+19
fi_gradi : = 28265.084826433
t1 : = 1.0810259272608E-14
tpunto1 : = 1.0078808357043
tduepunti0 : = -2.4593787297182E+17
v=v_elettrone : = 25993559.938158
x0= : -6.3935159205193E-13
y0= : -5.4652370310169E-14
*****
i=41056
k(41056)=0.9982579510297
kQ(41056)=0.99651893679401
r1= : 6.4583443086093E-13
rpunto1: = 17687888.581057
rduepunti0 : = -5.8580698246797E+25
fil : = 493.32224442792
fipunto1 : = 2.9234661404855E+19
fi_gradi : = 28265.282545641
t1 : = 1.0810259390811E-14
tpunto1 : = 1.0078521906129
tduepunti0 : = -2.4424804377126E+17
v=v_elettrone : = 25943553.568585
x0= : -6.4122574479031E-13
y0= : -5.705670958179E-14
```



```
*****
i=41057
k(41057)=0.99825933741587
kQ(41057)=0.99652170473797
r1= : 6.4790884332151E-13
rpunto1: = 17680854.97986
rduepunti0 : = -5.9973393269595E+25
fil : = 493.32567303081
fipunto1 : = 2.9046858639931E+19
fi_gradi : = 28265.478990116
t1 : = 1.081025950901E-14
tpunto1 : = 1.0078237419404
tduepunti0 : = -2.4257323847492E+17
v=v_elettrone : = 25893798.975321
x0= : -6.4309143730569E-13
y0= : -5.9460199710065E-14
*****
i=41058
k(41058)=0.99826075471157
kQ(41058)=0.99652453439732
r1= : 6.4998243089054E-13
rpunto1: = 17673661.660684
rduepunti0 : = -6.1335260236865E+25
fil : = 493.32907960844
fipunto1 : = 2.8860933704299E+19
fi_gradi : = 28265.674172637
t1 : = 1.0810259627206E-14
tpunto1 : = 1.0077954879398
tduepunti0 : = -2.4091333044993E+17
v=v_elettrone : = 25844294.451463
x0= : -6.4494872746942E-13
y0= : -6.1862817506146E-14
*****
i=41059
k(41059)=0.99826220218076
kQ(41059)=0.99652742430278
r1= : 6.5205517483649E-13
rpunto1: = 17666312.165827
rduepunti0 : = -6.2666923108181E+25
fil : = 493.33246438103
fipunto1 : = 2.867686311172E+19
fi_gradi : = 28265.868105821
t1 : = 1.0810259745399E-14
tpunto1 : = 1.0077674268788
tduepunti0 : = -2.3926819296732E+17
v=v_elettrone : = 25795038.296892
x0= : -6.4679767263593E-13
y0= : -6.4264540293378E-14
*****
i=41060
k(41060)=0.99826367910181
kQ(41060)=0.99653037301388
r1= : 6.5412705684328E-13
rpunto1: = 17658809.965934
rduepunti0 : = -6.3968992832457E+25
fil : = 493.33582756606
fipunto1 : = 2.8494623697065E+19
fi_gradi : = 28266.060802129
t1 : = 1.0810259863589E-14
tpunto1 : = 1.0077395570399
tduepunti0 : = -2.3763769926703E+17
v=v_elettrone : = 25746028.819208
x0= : -6.486383296472E-13
y0= : -6.6665345896703E-14
```

```
*****
i=41061
k(41061)=0.99826518476728
kQ(41061)=0.99653337911846
r1= : 6.5619805900188E-13
rpunto1: = 17651158.461493
rduepunti0 : = -6.5242067620732E+25
fil : = 493.3391693783
fipunto1 : = 2.8314192612407E+19
fi_gradi : = 28266.252273866
t1 : = 1.0810259981775E-14
tpunto1 : = 1.0077118767207
tduepunti0 : = -2.3602172261974E+17
v=v_elettrone : = 25697264.334174
x0= : -6.5047075483722E-13
y0= : -6.9065212632389E-14
*****
i=41062
k(41062)=0.99826671848365
kQ(41062)=0.99653644123212
r1= : 6.5826816380204E-13
rpunto1: = 17643360.984298
rduepunti0 : = -6.648673321375E+25
fil : = 493.34249002981
fipunto1 : = 2.8135547323122E+19
fi_gradi : = 28266.442533183
t1 : = 1.0810260099958E-14
tpunto1 : = 1.0076843842334
tduepunti0 : = -2.3442013638554E+17
v=v_elettrone : = 25648743.165017
x0= : -6.5229500403636E-13
y0= : -7.1464119298019E-14
*****
i=41063
k(41063)=0.99826827957105
kQ(41063)=0.99653955799775
r1= : 6.6033735412426E-13
rpunto1: = 17635420.798878
rduepunti0 : = -6.7703563144404E+25
fil : = 493.34578973004
fipunto1 : = 2.7958665603991E+19
fi_gradi : = 28266.63159208
t1 : = 1.0810260218138E-14
tpunto1 : = 1.0076570779052
tduepunti0 : = -2.3283281406951E+17
v=v_elettrone : = 25600463.644008
x0= : -6.5411113257589E-13
y0= : -7.3862045162561E-14
*****
i=41064
k(41064)=0.99826986736301
kQ(41064)=0.99654272808497
r1= : 6.624056132319E-13
rpunto1: = 17627341.103903
rduepunti0 : = -6.8893118995089E+25
fil : = 493.34906868581
fipunto1 : = 2.7783525535321E+19
fi_gradi : = 28266.819462407
t1 : = 1.0810260336315E-14
tpunto1 : = 1.0076299560781
tduepunti0 : = -2.3125962937443E+17
v=v_elettrone : = 25552424.110791
x0= : -6.5591919529233E-13
y0= : -7.6258969956852E-14
```

```
*****
i=41065
k(41065)=0.99827148120623
kQ(41065)=0.99654595018969
r1= : 6.6447292476348E-13
rpunto1: = 17619125.033551
rduepunti0 : = -7.0055950650041E+25
fil : = 493.35232710138
fipunto1 : = 2.7610105499078E+19
fi_gradi : = 28267.006155867
t1 : = 1.0810260454489E-14
tpunto1 : = 1.0076030171087
tduepunti0 : = -2.2970045625075E+17
v=v_elettrone : = 25504622.914173
x0= : -6.5771924653196E-13
y0= : -7.8654873864012E-14
*****
i=41066
k(41066)=0.99827312046032
kQ(41066)=0.99654922303358
r1= : 6.6653927272506E-13
rpunto1: = 17610775.658853
rduepunti0 : = -7.1192596542712E+25
fil : = 493.35556517847
fipunto1 : = 2.7438384175031E+19
fi_gradi : = 28267.191684018
t1 : = 1.0810260572659E-14
tpunto1 : = 1.0075762593686
tduepunti0 : = -2.2815516894382E+17
v=v_elettrone : = 25457058.411576
x0= : -6.5951134015515E-13
y0= : -8.1049737510305E-14
*****
i=41067
k(41067)=0.99827478449755
kQ(41067)=0.99655254536364
r1= : 6.6860464148289E-13
rpunto1: = 17602295.98901
rduepunti0 : = -7.2303583898253E+25
fil : = 493.35878311632
fipunto1 : = 2.7268340536916E+19
fi_gradi : = 28267.376058275
t1 : = 1.0810260690826E-14
tpunto1 : = 1.007549681244
tduepunti0 : = -2.2662364203863E+17
v=v_elettrone : = 25409728.969634
x0= : -6.6129552954082E-13
y0= : -8.3443541956089E-14
*****
i=41068
k(41068)=0.99827647270265
kQ(41068)=0.99655591595165
r1= : 6.7066901575612E-13
rpunto1: = 17593688.972676
rduepunti0 : = -7.3389428971169E+25
fil : = 493.36198111166
fipunto1 : = 2.7099953848623E+19
fi_gradi : = 28267.559289911
t1 : = 1.081026080899E-14
tpunto1 : = 1.0075232811357
tduepunti0 : = -2.2510575050205E+17
v=v_elettrone : = 25362632.96291
x0= : -6.630718675908E-13
y0= : -8.5836268687031E-14
```

```
*****
i=41069
k(41069)=0.99827818447253
kQ(41069)=0.99655933359378
r1= : 6.7273238060972E-13
rpunto1 : = 17584957.499219
rduepunti0 : = -7.4450637278219E+25
fil : = 493.36515935884
fipunto1 : = 2.6933203660403E+19
fi_gradi : = 28267.741390061
t1 : = 1.0810260927151E-14
tpunto1 : = 1.0074970574593
tduepunti0 : = -2.2360136972276E+17
v=v_elettrone : = 25315768.776322
x0= : -6.6484040673422E-13
y0= : -8.8227899605282E-14
*****
i=41070
k(41070)=0.9982799192161
kQ(41070)=0.99656279711009
r1= : 6.7479472144752E-13
rpunto1 : = 17576104.399951
rduepunti0 : = -7.5487703826618E+25
fil : = 493.36831804977
fipunto1 : = 2.6768069805091E+19
fi_gradi : = 28267.92236972
t1 : = 1.0810261045309E-14
tpunto1 : = 1.0074710086446
tduepunti0 : = -2.221103755489E+17
v=v_elettrone : = 25269134.803117
x0= : -6.6660119893186E-13
y0= : -9.0618417021209E-14
*****
i=41071
k(41071)=0.99828167635398
kQ(41071)=0.99656630534411
r1= : 6.7685602400541E-13
rpunto1 : = 17567132.449341
rduepunti0 : = -7.6501113337628E+25
fil : = 493.37145737402
fipunto1 : = 2.6604532394364E+19
fi_gradi : = 28268.10223975
t1 : = 1.0810261163464E-14
tpunto1 : = 1.0074451331364
tduepunti0 : = -2.2063264432363E+17
v=v_elettrone : = 25222729.446093
x0= : -6.683542956805E-13
y0= : -9.3007803644954E-14
*****
i=41072
k(41072)=0.99828345531835
kQ(41072)=0.99656985716234
r1= : 6.7891627434465E-13
rpunto1 : = 17558044.366186
rduepunti0 : = -7.7491340465589E+25
fil : = 493.37457751882
fipunto1 : = 2.6442571815018E+19
fi_gradi : = 28268.281010878
t1 : = 1.0810261281616E-14
tpunto1 : = 1.0074194293935
tduepunti0 : = -2.1916805291855E+17
v=v_elettrone : = 25176551.117873
x0= : -6.7009974801726E-13
y0= : -9.5396042578354E-14
```

```
*****
i=41073
k(41073)=0.99828525555268
kQ(41073)=0.99657345145389
r1= : 6.8097545884538E-13
rpunto1: = 17548842.814777
rduepunti0 : = -7.8458850012478E+25
fil : = 493.37767866909
fipunto1 : = 2.6282168725275E+19
fi_gradi : = 28268.458693701
t1 : = 1.0810261399765E-14
tpunto1 : = 1.0073938958894
tduepunti0 : = -2.1771647876519E+17
v=v_elettrone : = 25130598.240217
x0= : -6.7183760652388E-13
y0= : -9.7783117307065E-14
*****
i=41074
k(41074)=0.99828707651156
kQ(41074)=0.99657708712999
r1= : 6.8303356420018E-13
rpunto1: = 17539530.406019
rduepunti0 : = -7.9404097138054E+25
fil : = 493.3807610075
fipunto1 : = 2.6123304051118E+19
fi_gradi : = 28268.635298682
t1 : = 1.0810261517911E-14
tpunto1 : = 1.0073685311116
tduepunti0 : = -2.1627779988463E+17
v=v_elettrone : = 25084869.244245
x0= : -6.7356792133101E-13
y0= : -1.0016901169272E-13
*****
i=41075
k(41075)=0.99828891766042
kQ(41075)=0.99658076312361
r1= : 6.8509057740785E-13
rpunto1: = 17530109.698548
rduepunti0 : = -8.0327527565672E+25
fil : = 493.38382471446
fipunto1 : = 2.5965958982654E+19
fi_gradi : = 28268.810836161
t1 : = 1.0810261636054E-14
tpunto1 : = 1.0073433335621
tduepunti0 : = -2.1485189491527E+17
v=v_elettrone : = 25039362.571122
x0= : -6.752907421225E-13
y0= : -1.0255370996527E-13
*****
i=41076
k(41076)=0.99829077847539
kQ(41076)=0.99658447838901
r1= : 6.8714648576726E-13
rpunto1: = 17520583.199805
rduepunti0 : = -8.1229577783826E+25
fil : = 493.3868699682
fipunto1 : = 2.581011497051E+19
fi_gradi : = 28268.985316348
t1 : = 1.0810261754193E-14
tpunto1 : = 1.007318301757
tduepunti0 : = -2.1343864313889E+17
v=v_elettrone : = 24994076.672008
x0= : -6.7700611813963E-13
y0= : -1.0493719671563E-13
```

```
*****
i=41077
k(41077)=0.99829265844309
kQ(41077)=0.99658823190137
r1= : 6.8920127687134E-13
rpunto1: = 17510953.367104
rduepunti0 : = -8.2110675243505E+25
fil : = 493.38989694476
fipunto1 : = 2.565575372226E+19
fi_gradi : = 28269.158749329
t1 : = 1.081026187233E-14
tpunto1 : = 1.0072934342262
tduepunti0 : = -2.1203792450508E+17
v=v_elettrone : = 24949010.007279
x0= : -6.787140981853E-13
y0= : -1.0731945688835E-13
*****
i=41078
k(41078)=0.99829455706037
kQ(41078)=0.99659202265636
r1= : 6.9125493860123E-13
rpunto1: = 17501222.608663
rduepunti0 : = -8.2971238551429E+25
fil : = 493.39290581803
fipunto1 : = 2.5502857198882E+19
fi_gradi : = 28269.331145069
t1 : = 1.0810261990464E-14
tpunto1 : = 1.0072687295141
tduepunti0 : = -2.1064961965402E+17
v=v_elettrone : = 24904161.047383
x0= : -6.8041473062827E-13
y0= : -1.0970047577447E-13
*****
i=41079
k(41079)=0.99829647383418
kQ(41079)=0.99659584966976
r1= : 6.9330745912048E-13
rpunto1: = 17491393.284621
rduepunti0 : = -8.3811677659223E+25
fil : = 493.3958967598
fipunto1 : = 2.5351407611249E+19
fi_gradi : = 28269.502513409
t1 : = 1.0810262108596E-14
tpunto1 : = 1.0072441861786
tduepunti0 : = -2.0927360993784E+17
v=v_elettrone : = 24859528.273198
x0= : -6.8210806340732E-13
y0= : -1.120802390045E-13
*****
i=41080
k(41080)=0.99829840828135
kQ(41080)=0.99659971197709
r1= : 6.9535882686945E-13
rpunto1: = 17481467.708033
rduepunti0 : = -8.4632394048634E+25
fil : = 493.39886993976
fipunto1 : = 2.5201387416657E+19
fi_gradi : = 28269.672864072
t1 : = 1.0810262226724E-14
tpunto1 : = 1.0072198027915
tduepunti0 : = -2.0790977744046E+17
v=v_elettrone : = 24815110.174472
x0= : -6.8379414403536E-13
y0= : -1.1445873254167E-13
```

```
*****
i=41081
k(41081)=0.9983003599284
kQ(41081)=0.99660360863318
r1= : 6.9740903055977E-13
rpunto1: = 17471448.145841
rduerpunti0 : = -8.5433780912824E+25
fil : = 493.40182552555
fipunto1 : = 2.5052779315382E+19
fi_gradi : = 28269.842206664
t1 : = 1.0810262344849E-14
tpunto1 : = 1.0071955779386
tduepunti0 : = -2.0655800499609E+17
v=v_elettrone : = 24770905.25204
x0= : -6.854730196036E-13
y0= : -1.1683594267508E-13
*****
i=41082
k(41082)=0.99830232831135
kQ(41082)=0.99660753871186
r1= : 6.9945805916892E-13
rpunto1: = 17461336.819825
rduerpunti0 : = -8.6216223333835E+25
fil : = 493.40476368277
fipunto1 : = 2.4905566247278E+19
fi_gradi : = 28270.010550672
t1 : = 1.0810262462972E-14
tpunto1 : = 1.0071715102191
tduepunti0 : = -2.0521817620635E+17
v=v_elettrone : = 24726912.016219
x0= : -6.8714473678562E-13
y0= : -1.192118560133E-13
*****
i=41083
k(41083)=0.99830431297553
kQ(41083)=0.99661150130555
r1= : 7.0150590193498E-13
rpunto1: = 17451135.907532
rduerpunti0 : = -8.6980098456287E+25
fil : = 493.40768457503
fipunto1 : = 2.4759731388403E+19
fi_gradi : = 28270.177905472
t1 : = 1.0810262581092E-14
tpunto1 : = 1.0071475982457
tduepunti0 : = -2.038901754562E+17
v=v_elettrone : = 24683128.987315
x0= : -6.8880934184141E-13
y0= : -1.2158645947786E-13
*****
i=41084
k(41084)=0.99830631347544
kQ(41084)=0.99661549552493
r1= : 7.0355254835137E-13
rpunto1: = 17440847.543191
rduerpunti0 : = -8.7725775657381E+25
fil : = 493.41058836398
fipunto1 : = 2.4615258147687E+19
fi_gradi : = 28270.344280323
t1 : = 1.0810262699209E-14
tpunto1 : = 1.0071238406448
tduepunti0 : = -2.0257388792864E+17
v=v_elettrone : = 24639554.696113
x0= : -6.9046688062145E-13
y0= : -1.2395974029697E-13
```

```
*****
i=41085
k(41085)=0.99830832937453
kQ(41085)=0.99661952049856
r1= : 7.0559798816183E-13
rpunto1 : = 17430473.818603
rduepunti0 : = -8.8453616713279E+25
fil : = 493.41347520929
fipunto1 : = 2.4472130163635E+19
fi_gradi : = 28270.509684375
t1 : = 1.0810262817323E-14
tpunto1 : = 1.0071002360561
tduepunti0 : = -2.0126919961822E+17
v=v_elettrone : = 24596187.683155
x0= : -6.9211739857069E-13
y0= : -1.2633168599939E-13
*****
i=41086
k(41086)=0.99831036024502
kQ(41086)=0.99662357537254
r1= : 7.0764221135543E-13
rpunto1 : = 17420016.78401
rduepunti0 : = -8.916397596192E+25
fil : = 493.41634526874
fipunto1 : = 2.4330331301063E+19
fi_gradi : = 28270.674126669
t1 : = 1.0810262935434E-14
tpunto1 : = 1.0070767831324
tduepunti0 : = -1.9997599734351E+17
v=v_elettrone : = 24553026.499175
x0= : -6.9376094073253E-13
y0= : -1.287022844084E-13
*****
i=41087
k(41087)=0.99831240566779
kQ(41087)=0.9966276593102
r1= : 7.0968520816167E-13
rpunto1 : = 17409478.448953
rduepunti0 : = -8.9857200462352E+25
fil : = 493.4191986982
fipunto1 : = 2.4189845647875E+19
fi_gradi : = 28270.837616134
t1 : = 1.0810263053543E-14
tpunto1 : = 1.0070534805399
tduepunti0 : = -1.9869416875846E+17
v=v_elettrone : = 24510069.70506
x0= : -6.9539755175279E-13
y0= : -1.3107152363588E-13
*****
i=41088
k(41088)=0.99831446523214
kQ(41088)=0.99663177149173
r1= : 7.1172696904575E-13
rpunto1 : = 17398860.783106
rduepunti0 : = -9.053363015064E+25
fil : = 493.42203565169
fipunto1 : = 2.4050657511874E+19
fi_gradi : = 28271.000161596
t1 : = 1.0810263171649E-14
tpunto1 : = 1.0070303269578
tduepunti0 : = -1.974236023628E+17
v=v_elettrone : = 24467315.871999
x0= : -6.970272758836E-13
y0= : -1.3343939207654E-13
```



```
*****
i=41089
k(41089)=0.99831653853567
kQ(41089)=0.996635911111384
r1= : 7.1376748470386E-13
rpunto1: = 17388165.717094
rduepunti0 : = -9.1193597992422E+25
fil : = 493.42485628138
fipunto1 : = 2.3912751417613E+19
fi_gradi : = 28271.161771772
t1 : = 1.0810263289752E-14
tpunto1 : = 1.0070073210782
tduepunti0 : = -1.9616418751148E+17
v=v_elettrone : = 24424763.581152
x0= : -6.9865015698733E-13
y0= : -1.3580587840233E-13
*****
i=41090
k(41090)=0.99831862518412
kQ(41090)=0.99664007738951
r1= : 7.1580674605859E-13
rpunto1: = 17377395.143289
rduepunti0 : = -9.1837430132173E+25
fil : = 493.42766073762
fipunto1 : = 2.3776112103281E+19
fi_gradi : = 28271.322455279
t1 : = 1.0810263407852E-14
tpunto1 : = 1.0069844616062
tduepunti0 : = -1.949158144232E+17
v=v_elettrone : = 24382411.42352
x0= : -7.002662385404E-13
y0= : -1.381709715568E-13
*****
i=41091
k(41091)=0.99832072479118
kQ(41091)=0.99664426954759
r1= : 7.178447442545E-13
rpunto1: = 17366550.916599
rduepunti0 : = -9.2465446039241E+25
fil : = 493.43044916898
fipunto1 : = 2.3640724517625E+19
fi_gradi : = 28271.482220627
t1 : = 1.081026352595E-14
tpunto1 : = 1.0069617472595
tduepunti0 : = -1.9367837418801E+17
v=v_elettrone : = 24340258.001019
x0= : -7.0187556363714E-13
y0= : -1.4053466074969E-13
*****
i=41092
k(41092)=0.99832283697837
kQ(41092)=0.99664848683254
r1= : 7.1988147065368E-13
rpunto1: = 17355634.85523
rduepunti0 : = -9.3077958650735E+25
fil : = 493.43322172226
fipunto1 : = 2.3506573816917E+19
fi_gradi : = 28271.641076229
t1 : = 1.0810263644045E-14
tpunto1 : = 1.0069391767687
tduepunti0 : = -1.9245175877419E+17
v=v_elettrone : = 24298301.924851
x0= : -7.0347817499359E-13
y0= : -1.4289693545176E-13
```

```
*****
i=41093
k(41093)=0.99832496137486
kQ(41093)=0.99665272850411
r1= : 7.2191691683145E-13
rpunto1 : = 17344648.741438
rduepunti0 : = -9.3675274511303E+25
fil : = 493.43597854252
fipunto1 : = 2.3373645361947E+19
fi_gradi : = 28271.799030394
t1 : = 1.0810263762138E-14
tpunto1 : = 1.0069167488768
tduepunti0 : = -1.9123586103427E+17
v=v_elettrone : = 24256541.81653
x0= : -7.0507411495124E-13
y0= : -1.4525778538939E-13
*****
i=41094
k(41094)=0.99832709761733
kQ(41094)=0.99665699383704
r1= : 7.2395107457214E-13
rpunto1 : = 17333594.32226
rduepunti0 : = -9.4257693909887E+25
fil : = 493.43871977311
fipunto1 : = 2.3241924715061E+19
fi_gradi : = 28271.956091338
t1 : = 1.0810263880228E-14
tpunto1 : = 1.0068944623394
tduepunti0 : = -1.9003057471028E+17
v=v_elettrone : = 24214976.308163
x0= : -7.0666342548081E-13
y0= : -1.4761720053958E-13
*****
i=41095
k(41095)=0.99832924534985
kQ(41095)=0.99666128212079
r1= : 7.25983935865E-13
rpunto1 : = 17322473.310234
rduepunti0 : = -9.4825511013499E+25
fil : = 493.44144555567
fipunto1 : = 2.311139763724E+19
fi_gradi : = 28272.112267174
t1 : = 1.0810263998315E-14
tpunto1 : = 1.0068723159241
tduepunti0 : = -1.8883579443835E+17
v=v_elettrone : = 24173604.04148
x0= : -7.0824614818591E-13
y0= : -1.49975171125E-13
*****
i=41096
k(41096)=0.99833140422367
kQ(41096)=0.9966659265921
r1= : 7.2801549290009E-13
rpunto1 : = 17311287.384101
rduepunti0 : = -9.5379013998089E+25
fil : = 493.44415603019
fipunto1 : = 2.2982050085204E+19
fi_gradi : = 28272.267565925
t1 : = 1.08102641164E-14
tpunto1 : = 1.0068503084113
tduepunti0 : = -1.8765141575259E+17
v=v_elettrone : = 24132423.668555
x0= : -7.0982232430672E-13
y0= : -1.5233168760909E-13
```

```
*****
i=41097
k(41097)=0.99833357389717
kQ(41097)=0.99666992477029
r1= : 7.3004573806439E-13
rpunto1 : = 17300038.189493
rduepunti0 : = -9.5918485176564E+25
fil : = 493.44685133499
fipunto1 : = 2.2853868208565E+19
fi_gradi : = 28272.421995514
t1 : = 1.0810264234482E-14
tpunto1 : = 1.0068284385931
tduepunti0 : = -1.8647733508831E+17
v=v_elettrone : = 24091433.850801
x0= : -7.1139199472364E-13
y0= : -1.5468674069128E-13
*****
i=41098
k(41098)=0.99833575403562
kQ(41098)=0.99667427778587
r1= : 7.3207466393784E-13
rpunto1 : = 17288727.339606
rduepunti0 : = -9.6444201124006E+25
fil : = 493.44953160679
fipunto1 : = 2.2726838347012E+19
fi_gradi : = 28272.575563776
t1 : = 1.0810264352561E-14
tpunto1 : = 1.0068067052738
tduepunti0 : = -1.8531344978464E+17
v=v_elettrone : = 24050633.260371
x0= : -7.129551999609E-13
y0= : -1.5704032130218E-13
*****
i=41099
k(41099)=0.99833794431114
kQ(41099)=0.99667865105139
r1= : 7.341022632896E-13
rpunto1 : = 17277356.415857
rduepunti0 : = -9.695643280017E+25
fil : = 493.4521969807
fipunto1 : = 2.2600947027533E+19
fi_gradi : = 28272.728278452
t1 : = 1.0810264470638E-14
tpunto1 : = 1.0067851072698
tduepunti0 : = -1.8415965808657E+17
v=v_elettrone : = 24010020.57937
x0= : -7.1451198019015E-13
y0= : -1.5939242059917E-13
*****
i=41100
k(41100)=0.9983401444025
kQ(41100)=0.9966830439256
r1= : 7.3612852907428E-13
rpunto1 : = 17265926.968531
rduepunti0 : = -9.7455445669291E+25
fil : = 493.45484759023
fipunto1 : = 2.2476180961678E+19
fi_gradi : = 28272.880147192
t1 : = 1.0810264588713E-14
tpunto1 : = 1.006763643409
tduepunti0 : = -1.8301585914643E+17
v=v_elettrone : = 23969594.499487
x0= : -7.1606237523394E-13
y0= : -1.6174302996185E-13
```

```
*****
i=41101
k(41101)=0.99834235399501
kQ(41101)=0.99668745578029
r1= : 7.3815345442831E-13
rpunto1: = 17254440.517409
rduepunti0 : = -9.7941499817275E+25
fil : = 493.45748356737
fipunto1 : = 2.2352527042848E+19
fi_gradi : = 28273.031177556
t1 : = 1.0810264706785E-14
tpunto1 : = 1.0067423125312
tduepunti0 : = -1.8188195302483E+17
v=v_elettrone : = 23929353.72239
x0= : -7.1760642456932E-13
y0= : -1.6409214098762E-13
*****
i=41102
k(41102)=0.9983445727804
kQ(41102)=0.99669188600008
r1= : 7.4017703266636E-13
rpunto1: = 17242898.552389
rduepunti0 : = -9.8414850066333E+25
fil : = 493.46010504253
fipunto1 : = 2.2229972343638E+19
fi_gradi : = 28273.181377019
t1 : = 1.0810264824854E-14
tpunto1 : = 1.0067211134878
tduepunti0 : = -1.807578406911E+17
v=v_elettrone : = 23889296.959818
x0= : -7.1914416733125E-13
y0= : -1.6643974548734E-13
*****
i=41103
k(41103)=0.99834680045669
kQ(41103)=0.99669633398211
r1= : 7.4219925727783E-13
rpunto1: = 17231302.534086
rduepunti0 : = -9.8875746087088E+25
fil : = 493.46271214464
fipunto1 : = 2.2108504113196E+19
fi_gradi : = 28273.330752967
t1 : = 1.0810264942921E-14
tpunto1 : = 1.0067000451418
tduepunti0 : = -1.7964342402325E+17
v=v_elettrone : = 23849422.933437
x0= : -7.2067564231608E-13
y0= : -1.6878583548119E-13
*****
i=41104
k(41104)=0.99834903672805
kQ(41104)=0.99670079913583
r1= : 7.4422012192343E-13
rpunto1: = 17219653.894425
rduepunti0 : = -9.9324432508238E+25
fil : = 493.46530500111
fipunto1 : = 2.1988109774637E+19
fi_gradi : = 28273.4793127
t1 : = 1.0810265060986E-14
tpunto1 : = 1.0066791063674
tduepunti0 : = -1.785386058075E+17
v=v_elettrone : = 23809730.374402
x0= : -7.2220088798496E-13
y0= : -1.7113040319448E-13
```

```

*****
i=41105
k(41105)=0.99835128130472
kQ(41105)=0.99670528088277
r1= : 7.462396204318E-13
rpunto1 : = 17207954.037222
rduepunti0 : = -9.9761149023805E+25
fil : = 493.4678837379
fipunto1 : = 2.1868776922478E+19
fi_gradi : = 28273.627063434
t1 : = 1.0810265179048E-14
tpunto1 : = 1.0066582960502
tduepunti0 : = -1.7744328973735E+17
v=v_elettrone : = 23770218.023656
x0= : -7.2371994246721E-13
y0= : -1.7347344105362E-13
*****
i=41106
k(41106)=0.99835353390283
kQ(41106)=0.99670977865627
r1= : 7.4825774679619E-13
rpunto1 : = 17196204.338748
rduepunti0 : = -1.0018613049804E+26
fil : = 493.47044847948
fipunto1 : = 2.1750493320118E+19
fi_gradi : = 28273.774012302
t1 : = 1.0810265297107E-14
tpunto1 : = 1.0066376130871
tduepunti0 : = -1.7635738041227E+17
v=v_elettrone : = 23730884.631955
x0= : -7.2523284356371E-13
y0= : -1.7581494168212E-13
*****
i=41107
k(41107)=0.99835579424434
kQ(41107)=0.99671429190126
r1= : 7.5027449517131E-13
rpunto1 : = 17184406.148281
rduepunti0 : = -1.00599607068E+26
fil : = 493.47299934891
fipunto1 : = 2.1633246897347E+19
fi_gradi : = 28273.920166355
t1 : = 1.0810265415164E-14
tpunto1 : = 1.0066170563858
tduepunti0 : = -1.75280783336E+17
v=v_elettrone : = 23691728.960131
x0= : -7.2673962875017E-13
y0= : -1.7815489789671E-13
*****
i=41108
k(41108)=0.99835806205691
kQ(41108)=0.99671882007402
r1= : 7.5228985987006E-13
rpunto1 : = 17172560.788655
rduepunti0 : = -1.0100180424393E+26
fil : = 493.47553646784
fipunto1 : = 2.1517025747896E+19
fi_gradi : = 28274.065532562
t1 : = 1.0810265533219E-14
tpunto1 : = 1.0065966248653
tduepunti0 : = -1.7421340491446E+17
v=v_elettrone : = 23652749.778081
x0= : -7.2824033518043E-13
y0= : -1.8049330270361E-13

```

```
*****
i=41109
k(41109)=0.99836033707375
kQ(41109)=0.99672336264201
r1= : 7.5430383536051E-13
rpunto1 : = 17160669.556786
rduepunti0 : = -1.0139294300733E+26
fil : = 493.47805995651
fipunto1 : = 2.1401818127016E+19
fi_gradi : = 28274.210117812
t1 : = 1.0810265651271E-14
tpunto1 : = 1.0065763174553
tduepunti0 : = -1.7315515245334E+17
v=v_elettrone : = 23613945.865734
x0= : -7.2973499968974E-13
y0= : -1.8283014929471E-13
*****
i=41110
k(41110)=0.99836261903357
kQ(41110)=0.99672791908357
r1= : 7.5631641626283E-13
rpunto1 : = 17148733.724194
rduepunti0 : = -1.0177323990703E+26
fil : = 493.48056993377
fipunto1 : = 2.1287612449097E+19
fi_gradi : = 28274.353928916
t1 : = 1.0810265769321E-14
tpunto1 : = 1.0065561330963
tduepunti0 : = -1.7210593415539E+17
v=v_elettrone : = 23575316.011999
x0= : -7.3122365879796E-13
y0= : -1.8516543104399E-13
*****
i=41111
k(41111)=0.99836490768044
kQ(41111)=0.99673248888778
r1= : 7.583275973463E-13
rpunto1 : = 17136754.53751
rduepunti0 : = -1.0214290715296E+26
fil : = 493.48306651714
fipunto1 : = 2.1174397285313E+19
fi_gradi : = 28274.496972606
t1 : = 1.0810265887369E-14
tpunto1 : = 1.0065360707393
tduepunti0 : = -1.7106565911733E+17
v=v_elettrone : = 23536859.0157
x0= : -7.3270634871275E-13
y0= : -1.8749914150383E-13
*****
i=41112
k(41112)=0.99836720276368
kQ(41112)=0.99673707155418
r1= : 7.603373735264E-13
rpunto1 : = 17124733.218977
rduepunti0 : = -1.0250215270803E+26
fil : = 493.48554982279
fipunto1 : = 2.1062161361311E+19
fi_gradi : = 28274.639255539
t1 : = 1.0810266005414E-14
tpunto1 : = 1.0065161293461
tduepunti0 : = -1.7003423732655E+17
v=v_elettrone : = 23498573.684988
x0= : -7.3418310533277E-13
y0= : -1.8983127440158E-13
```

```
*****
i=41113
k(41113)=0.99836950403777
kQ(41113)=0.99674166659263
r1= : 7.6234573986198E-13
rpunto1 : = 17112670.966934
rduepunti0 : = -1.0285118037788E+26
fil : = 493.48801996555
fipunto1 : = 2.0950893554926E+19
fi_gradi : = 28274.780784294
t1 : = 1.0810266123457E-14
tpunto1 : = 1.0064963078889
tduepunti0 : = -1.690115796575E+17
v=v_elettrone : = 23460458.837736
x0= : -7.3565396425076E-13
y0= : -1.9216182363613E-13
*****
i=41114
k(41114)=0.99837181126225
kQ(41114)=0.99674627352306
r1= : 7.6435269155239E-13
rpunto1 : = 17100568.956298
rduepunti0 : = -1.0319018989872E+26
fil : = 493.49047705897
fipunto1 : = 2.084058289393E+19
fi_gradi : = 28274.921565377
t1 : = 1.0810266241498E-14
tpunto1 : = 1.0064766053501
tduepunti0 : = -1.6799759786779E+17
v=v_elettrone : = 23422513.300911
x0= : -7.3711896075665E-13
y0= : -1.9449078327454E-13
*****
i=41115
k(41115)=0.9983741242016
kQ(41115)=0.9967508918753
r1= : 7.6635822393482E-13
rpunto1 : = 17088428.339026
rduepunti0 : = -1.0351937702316E+26
fil : = 493.4929212153
fipunto1 : = 2.0731218553818E+19
fi_gradi : = 28275.061605219
t1 : = 1.0810266359536E-14
tpunto1 : = 1.0064570207226
tduepunti0 : = -1.6699220459414E+17
v=v_elettrone : = 23384735.910179
x0= : -7.3857812984062E-13
y0= : -1.9681814754877E-13
*****
i=41116
k(41116)=0.99837644262516
kQ(41116)=0.99675552118887
r1= : 7.6836233248151E-13
rpunto1 : = 17076250.244576
rduepunti0 : = -1.0383893360427E+26
fil : = 493.49535254553
fipunto1 : = 2.062278985562E+19
fi_gradi : = 28275.200910179
t1 : = 1.0810266477572E-14
tpunto1 : = 1.0064375530091
tduepunti0 : = -1.65995313348E+17
v=v_elettrone : = 23347125.511506
x0= : -7.4003150619618E-13
y0= : -1.9914391085228E-13
```

```
*****
i=41117
k(41117)=0.99837876630704
kQ(41117)=0.99676016101277
r1= : 7.703650127972E-13
rpunto1: = 17064035.780353
rduepunti0 : = -1.0414904767766E+26
fil : = 493.49777115937
fipunto1 : = 2.0515286263754E+19
fi_gradi : = 28275.339486545
t1 : = 1.0810266595606E-14
tpunto1 : = 1.0064182012227
tduepunti0 : = -1.6500683851103E+17
v=v_elettrone : = 23309680.959473
x0= : -7.4147912422313E-13
y0= : -2.0146806773711E-13
*****
i=41118
k(41118)=0.99838109502602
kQ(41118)=0.99676481090536
r1= : 7.7236626061648E-13
rpunto1: = 17051786.032147
rduepunti0 : = -1.0444990354186E+26
fil : = 493.50017716534
fipunto1 : = 2.0408697383897E+19
fi_gradi : = 28275.477340532
t1 : = 1.0810266713637E-14
tpunto1 : = 1.0063989643862
tduepunti0 : = -1.6402669533033E+17
v=v_elettrone : = 23272401.117829
x0= : -7.4292101803054E-13
y0= : -2.0379061291063E-13
*****
i=41119
k(41119)=0.99838342856544
kQ(41119)=0.99676947043408
r1= : 7.7436607180131E-13
rpunto1: = 17039502.064564
rduepunti0 : = -1.0474168183689E+26
fil : = 493.5025706707
fipunto1 : = 2.0303012960905E+19
fi_gradi : = 28275.614478288
t1 : = 1.0810266831666E-14
tpunto1 : = 1.0063798415323
tduepunti0 : = -1.6305479991353E+17
v=v_elettrone : = 23235284.859279
x0= : -7.4435722143972E-13
y0= : -2.061115412325E-13
*****
i=41120
k(41120)=0.99838576671313
kQ(41120)=0.99677413917537
r1= : 7.7636444233846E-13
rpunto1: = 17027184.921444
rduepunti0 : = -1.0502455962108E+26
fil : = 493.50495178153
fipunto1 : = 2.0198222876747E+19
fi_gradi : = 28275.750905889
t1 : = 1.0810266949693E-14
tpunto1 : = 1.0063608317035
tduepunti0 : = -1.6209106922368E+17
v=v_elettrone : = 23198331.065763
x0= : -7.4578776798708E-13
y0= : -2.0843084771174E-13
```



```
*****
i=41121
k(41121)=0.99838810926134
kQ(41121)=0.99677881671442
r1= : 7.7836136833717E-13
rpunto1: = 17014835.626273
rduepunti0 : = -1.0529871044625E+26
fil : = 493.50732060272
fipunto1 : = 2.0094317148482E+19
fi_gradi : = 28275.886629345
t1 : = 1.0810267067718E-14
tpunto1 : = 1.0063419339519
tduepunti0 : = -1.6113542107398E+17
v=v_elettrone : = 23161538.628206
x0= : -7.4721269092709E-13
y0= : -2.1074852750377E-13
*****
i=41122
k(41122)=0.99839045600658
kQ(41122)=0.99678350264503
r1= : 7.8035684602667E-13
rpunto1: = 17002455.182587
rduepunti0 : = -1.0556430443119E+26
fil : = 493.50967723798
fipunto1 : = 1.9991285926258E+19
fi_gradi : = 28276.0216546
t1 : = 1.081026718574E-14
tpunto1 : = 1.0063231473391
tduepunti0 : = -1.6018777412234E+17
v=v_elettrone : = 23124906.446251
x0= : -7.4863202323507E-13
y0= : -2.1306457590758E-13
*****
i=41123
k(41123)=0.99839280674964
kQ(41123)=0.99678819656943
r1= : 7.8235087175391E-13
rpunto1: = 16990044.574363
rduepunti0 : = -1.0582150833357E+26
fil : = 493.51202178987
fipunto1 : = 1.9889119491349E+19
fi_gradi : = 28276.155987528
t1 : = 1.081026730376E-14
tpunto1 : = 1.0063044709361
tduepunti0 : = -1.5924804786582E+17
v=v_elettrone : = 23088433.42823
x0= : -7.5004579761003E-13
y0= : -2.153789883629E-13
*****
i=41124
k(41124)=0.99839516129542
kQ(41124)=0.99679289809811
r1= : 7.8434344198124E-13
rpunto1: = 16977604.766409
rduepunti0 : = -1.0607048562027E+26
fil : = 493.51435435981
fipunto1 : = 1.9787808254213E+19
fi_gradi : = 28276.289633941
t1 : = 1.0810267421778E-14
tpunto1 : = 1.0062859038234
tduepunti0 : = -1.5831616263497E+17
v=v_elettrone : = 23052118.491895
x0= : -7.5145404647749E-13
y0= : -2.1769176044746E-13
```

```
*****
i=41125
k(41125)=0.9983975194529
kQ(41125)=0.9967976068497
r1= : 7.8633455328415E-13
rpunto1 : = 16965136.704736
rduepunti0 : = -1.0631139653609E+26
fil : = 493.51667504811
fipunto1 : = 1.9687342752582E+19
fi_gradi : = 28276.422599586
t1 : = 1.0810267539794E-14
tpunto1 : = 1.0062674450907
tduepunti0 : = -1.5739203958797E+17
v=v_elettrone : = 23015960.56307
x0= : -7.5285680199222E-13
y0= : -2.2000288787431E-13
*****
i=41126
k(41126)=0.99839988103501
kQ(41126)=0.99680232245073
r1= : 7.8832420234907E-13
rpunto1 : = 16952641.316937
rduepunti0 : = -1.0654439817106E+26
fil : = 493.51898395394
fipunto1 : = 1.9587713649588E+19
fi_gradi : = 28276.554890146
t1 : = 1.0810267657808E-14
tpunto1 : = 1.0062490938367
tduepunti0 : = -1.5647560070471E+17
v=v_elettrone : = 22979958.576863
x0= : -7.5425409604096E-13
y0= : -2.2231236648916E-13
*****
i=41127
k(41127)=0.99840224585862
kQ(41127)=0.99680704453554
r1= : 7.9031238597125E-13
rpunto1 : = 16940119.51254
rduepunti0 : = -1.067696445262E+26
fil : = 493.52128117541
fipunto1 : = 1.9488911731905E+19
fi_gradi : = 28276.68651124
t1 : = 1.081026777582E-14
tpunto1 : = 1.0062308491693
tduepunti0 : = -1.5556676878079E+17
v=v_elettrone : = 22944111.476032
x0= : -7.5564596024517E-13
y0= : -2.2462019226787E-13
*****
i=41128
k(41128)=0.99840461374441
kQ(41128)=0.99681177274612
r1= : 7.9229910105256E-13
rpunto1 : = 16927572.183367
rduepunti0 : = -1.0698728657786E+26
fil : = 493.52356680951
fipunto1 : = 1.939092790793E+19
fi_gradi : = 28276.817468428
t1 : = 1.0810267893829E-14
tpunto1 : = 1.0062127102054
tduepunti0 : = -1.5466546742136E+17
v=v_elettrone : = 22908418.212674
x0= : -7.5703242596369E-13
y0= : -2.2692636131373E-13
```

```
*****
i=41129
k(41129)=0.9984069845168
kQ(41129)=0.99681650673193
r1= : 7.942843445995E-13
rpunto1: = 16915000.203882
rduepunti0 : = -1.071974723407E+26
fil : = 493.5258409522
fipunto1 : = 1.9293753205984E+19
fi_gradi : = 28276.947767206
t1 : = 1.0810268011836E-14
tpunto1 : = 1.0061946760706
tduepunti0 : = -1.5377162103493E+17
v=v_elettrone : = 22872877.747603
x0= : -7.5841352429539E-13
y0= : -2.2923086985514E-13
*****
i=41130
k(41130)=0.9984093580039
kQ(41130)=0.99682124614976
r1= : 7.9626811372112E-13
rpunto1: = 16902404.431531
rduepunti0 : = -1.0740034692914E+26
fil : = 493.52810369836
fipunto1 : = 1.9197378772545E+19
fi_gradi : = 28277.077413011
t1 : = 1.0810268129842E-14
tpunto1 : = 1.0061767458994
tduepunti0 : = -1.5288515482703E+17
v=v_elettrone : = 22837489.048908
x0= : -7.5978928608175E-13
y0= : -2.3153371424318E-13
*****
i=41131
k(41131)=0.99841173403742
kQ(41131)=0.9968259906636
r1= : 7.9825040562701E-13
rpunto1: = 16889785.707072
rduepunti0 : = -1.0759605261769E+26
fil : = 493.53035514186
fipunto1 : = 1.9101795870506E+19
fi_gradi : = 28277.206411221
t1 : = 1.0810268247845E-14
tpunto1 : = 1.006158918835
tduepunti0 : = -1.5200599479394E+17
v=v_elettrone : = 22802251.094133
x0= : -7.6115974190956E-13
y0= : -2.3383489094905E-13
*****
i=41132
k(41132)=0.9984141124526
kQ(41132)=0.99683073994452
r1= : 8.0023121762539E-13
rpunto1: = 16877144.854906
rduepunti0 : = -1.0778472889975E+26
fil : = 493.53259537552
fipunto1 : = 1.9006995877461E+19
fi_gradi : = 28277.334767155
t1 : = 1.0810268365846E-14
tpunto1 : = 1.006141194029
tduepunti0 : = -1.5113406771616E+17
v=v_elettrone : = 22767162.868817
x0= : -7.6252492211338E-13
y0= : -2.3613439656193E-13
```

```

*****
i=41133
k(41133)=0.99841649308816
kQ(41133)=0.99683549367045
r1= : 8.0221054712114E-13
rpunto1: = 16864482.683391
rduepunti0 : = -1.0796651254523E+26
fil : = 493.53482449116
fipunto1 : = 1.8912970284014E+19
fi_gradi : = 28277.462486073
t1 : = 1.0810268483845E-14
tpunto1 : = 1.0061235706417
tduepunti0 : = -1.5026930115199E+17
v=v_elettrone : = 22732223.366573
x0= : -7.6388485677813E-13
y0= : -2.3843222778659E-13
*****
i=41134
k(41134)=0.99841887578619
kQ(41134)=0.99684025152616
r1= : 8.0418839161397E-13
rpunto1: = 16851799.98516
rduepunti0 : = -1.0814153765694E+26
fil : = 493.5370425796
fipunto1 : = 1.8819710692119E+19
fi_gradi : = 28277.58957318
t1 : = 1.0810268601842E-14
tpunto1 : = 1.0061060478417
tduepunti0 : = -1.4941162343097E+17
v=v_elettrone : = 22697431.589152
x0= : -7.6523957574157E-13
y0= : -2.4072838144113E-13
*****
i=41135
k(41135)=0.99842126039213
kQ(41135)=0.996845013203
r1= : 8.0616474869651E-13
rpunto1: = 16839097.537423
rduepunti0 : = -1.0830993572563E+26
fil : = 493.53924973068
fipunto1 : = 1.8727208813441E+19
fi_gradi : = 28277.716033621
t1 : = 1.0810268719836E-14
tpunto1 : = 1.006088624806
tduepunti0 : = -1.4856096364729E+17
v=v_elettrone : = 22662786.546753
x0= : -7.6658910859684E-13
y0= : -2.430228544548E-13
*****
i=41136
k(41136)=0.99842364675467
kQ(41136)=0.99684977839889
r1= : 8.0813961605259E-13
rpunto1: = 16826376.102271
rduepunti0 : = -1.0847183568398E+26
fil : = 493.54144603326
fipunto1 : = 1.8635456467743E+19
fi_gradi : = 28277.841872489
t1 : = 1.0810268837829E-14
tpunto1 : = 1.0060713007198
tduepunti0 : = -1.4771725165318E+17
v=v_elettrone : = 22628287.257275
x0= : -7.6793348469487E-13
y0= : -2.4531564386582E-13

```

```

*****
i=41137
k(41137)=0.99842603472571
kQ(41137)=0.99685454681811
r1= : 8.1011299145537E-13
rpunto1: = 16813636.426965
rduepunti0 : = -1.0862736395926E+26
fil : = 493.54363157524
fipunto1 : = 1.85444455813E+19
fi_gradi : = 28277.967094821
t1 : = 1.081026895582E-14
tpunto1 : = 1.0060540747763
tduepunti0 : = -1.4688041805224E+17
v=v_elettrone : = 22593932.747133
x0= : -7.6927273314683E-13
y0= : -2.4760674681929E-13
*****
i=41138
k(41138)=0.99842842416028
kQ(41138)=0.99685931817119
r1= : 8.1208487276568E-13
rpunto1: = 16800879.24423
rduepunti0 : = -1.0877664452497E+26
fil : = 493.54580644359
fipunto1 : = 1.8454168185338E+19
fi_gradi : = 28278.091705598
t1 : = 1.0810269073809E-14
tpunto1 : = 1.0060369461769
tduepunti0 : = -1.4605039419278E+17
v=v_elettrone : = 22559722.049692
x0= : -7.706068828265E-13
y0= : -2.4989616056513E-13
*****
i=41139
k(41139)=0.9984308149165
kQ(41139)=0.99686409217482
r1= : 8.1405525793027E-13
rpunto1: = 16788105.272531
rduepunti0 : = -1.0891979895129E+26
fil : = 493.54797072432
fipunto1 : = 1.8364616414491E+19
fi_gradi : = 28278.21570975
t1 : = 1.0810269191795E-14
tpunto1 : = 1.0060199141309
tduepunti0 : = -1.4522711216107E+17
v=v_elettrone : = 22525654.207098
x0= : -7.7193596237274E-13
y0= : -2.5218388245589E-13
*****
i=41140
k(41140)=0.99843320685547
kQ(41140)=0.99686886855169
r1= : 8.1602414498014E-13
rpunto1: = 16775315.216353
rduepunti0 : = -1.0905694645441E+26
fil : = 493.55012450254
fipunto1 : = 1.8275782505288E+19
fi_gradi : = 28278.339112152
t1 : = 1.081026930978E-14
tpunto1 : = 1.0060029778556
tduepunti0 : = -1.4441050477464E+17
v=v_elettrone : = 22491728.269218
x0= : -7.7326000019174E-13
y0= : -2.5446990994495E-13

```

```
*****
i=41141
k(41141)=0.99843559984128
kQ(41141)=0.99687364703041
r1= : 8.1799153202894E-13
rpunto1 : = 16762509.766467
rduepunti0 : = -1.0918820394489E+26
fil : = 493.55226786243
fipunto1 : = 1.8187658794663E+19
fi_gradi : = 28278.461917628
t1 : = 1.0810269427763E-14
tpunto1 : = 1.005986136576
tduepunti0 : = -1.4360050557552E+17
v=v_elettrone : = 22457943.293347
x0= : -7.7457902445939E-13
y0= : -2.5675424058447E-13
*****
i=41142
k(41142)=0.9984379937409
kQ(41142)=0.99687842734535
r1= : 8.1995741727132E-13
rpunto1 : = 16749689.600201
rduepunti0 : = -1.0931368607485E+26
fil : = 493.55440088729
fipunto1 : = 1.8100237718484E+19
fi_gradi : = 28278.58413095
t1 : = 1.0810269545743E-14
tpunto1 : = 1.0059693895247
tduepunti0 : = -1.4279704882349E+17
v=v_elettrone : = 22424298.344688
x0= : -7.7589306312362E-13
y0= : -2.5903687202349E-13
*****
i=41143
k(41143)=0.99844038842414
kQ(41143)=0.99688320923655
r1= : 8.2192179898134E-13
rpunto1 : = 16736855.381694
rduepunti0 : = -1.0943350528421E+26
fil : = 493.55652365952
fipunto1 : = 1.8013511810108E+19
fi_gradi : = 28278.705756839
t1 : = 1.0810269663722E-14
tpunto1 : = 1.0059527359421
tduepunti0 : = -1.4200006948931E+17
v=v_elettrone : = 22390792.495783
x0= : -7.7720214390658E-13
y0= : -2.6131780200603E-13
*****
i=41144
k(41144)=0.99844278376361
kQ(41144)=0.99688799244963
r1= : 8.2388467551099E-13
rpunto1 : = 16724007.762155
rduepunti0 : = -1.0954777184589E+26
fil : = 493.55863626064
fipunto1 : = 1.7927473698958E+19
fi_gradi : = 28278.826799967
t1 : = 1.0810269781699E-14
tpunto1 : = 1.005936175076
tduepunti0 : = -1.4120950324798E+17
v=v_elettrone : = 22357424.826964
x0= : -7.7850629430701E-13
y0= : -2.6359702836922E-13
```

```
*****
i=41145
k(41145)=0.99844517963464
kQ(41145)=0.99689277673564
r1= : 8.258460452886E-13
rpunto1 : = 16711147.380106
rduepunti0 : = -1.0965659391008E+26
fil : = 493.56073877133
fipunto1 : = 1.7842116109123E+19
fi_gradi : = 28278.947264956
t1 : = 1.0810269899674E-14
tpunto1 : = 1.0059197061819
tduepunti0 : = -1.4042528647193E+17
v=v_elettrone : = 22324194.426282
x0= : -7.7980554160239E-13
y0= : -2.6587454904153E-13
*****
i=41146
k(41146)=0.99844757591522
kQ(41146)=0.99689756185098
r1= : 8.2780590681741E-13
rpunto1 : = 16698274.861631
rduepunti0 : = -1.0976007754749E+26
fil : = 493.5628312714
fipunto1 : = 1.7757431857974E+19
fi_gradi : = 28279.067156379
t1 : = 1.0810270017647E-14
tpunto1 : = 1.0059033285225
tduepunti0 : = -1.3964735622431E+17
v=v_elettrone : = 22291100.388622
x0= : -7.8109991285116E-13
y0= : -2.6815036204102E-13
*****
i=41147
k(41147)=0.99844997248599
kQ(41147)=0.99690234755728
r1= : 8.2976425867408E-13
rpunto1 : = 16685390.820613
rduepunti0 : = -1.0985832679169E+26
fil : = 493.5649138398
fipunto1 : = 1.767341385481E+19
fi_gradi : = 28279.186478759
t1 : = 1.0810270135618E-14
tpunto1 : = 1.0058870413677
tduepunti0 : = -1.388756502522E+17
v=v_elettrone : = 22258141.816925
x0= : -7.8238943489491E-13
y0= : -2.7042446547349E-13
*****
i=41148
k(41148)=0.99845236923016
kQ(41148)=0.99690713362132
r1= : 8.3172109950725E-13
rpunto1 : = 16672495.858968
rduepunti0 : = -1.0995144368057E+26
fil : = 493.56698655469
fipunto1 : = 1.7590055099523E+19
fi_gradi : = 28279.305236574
t1 : = 1.0810270253587E-14
tpunto1 : = 1.0058708439948
tduepunti0 : = -1.3811010697989E+17
v=v_elettrone : = 22225317.821018
x0= : -7.8367413436053E-13
y0= : -2.7269685753088E-13
```

```

*****
i=41149
k(41149)=0.99845476603344
kQ(41149)=0.99691191981489
r1= : 8.3367642803617E-13
rpunto1: = 16659590.566875
rduepunti0 : = -1.1003952829684E+26
fil : = 493.56904949336
fipunto1 : = 1.7507348681274E+19
fi_gradi : = 28279.423434253
t1 : = 1.0810270371554E-14
tpunto1 : = 1.0058547356882
tduepunti0 : = -1.3735066550214E+17
v=v_elettrone : = 22192627.518281
x0= : -7.8495403766233E-13
y0= : -2.7496753648958E-13
*****
i=41150
k(41150)=0.99845716278403
kQ(41150)=0.99691670591473
r1= : 8.3563024304929E-13
rpunto1: = 16646675.522998
rduepunti0 : = -1.1012267880772E+26
fil : = 493.57110273234
fipunto1 : = 1.742528777203E+19
fi_gradi : = 28279.541076181
t1 : = 1.0810270489519E-14
tpunto1 : = 1.0058387157394
tduepunti0 : = -1.3659726557748E+17
v=v_elettrone : = 22160070.033255
x0= : -7.8622917100418E-13
y0= : -2.7723650070874E-13
*****
i=41151
k(41151)=0.99845955937255
kQ(41151)=0.99692149170243
r1= : 8.3758254340295E-13
rpunto1: = 16633751.294711
rduepunti0 : = -1.1020099150373E+26
fil : = 493.57314634732
fipunto1 : = 1.7343865651154E+19
fi_gradi : = 28279.658166695
t1 : = 1.0810270607483E-14
tpunto1 : = 1.0058227834468
tduepunti0 : = -1.3584984762149E+17
v=v_elettrone : = 22127644.497215
x0= : -7.8749956038153E-13
y0= : -2.7950374862874E-13
*****
i=41152
k(41152)=0.99846195569201
kQ(41152)=0.99692627696431
r1= : 8.3953332801999E-13
rpunto1: = 16620818.438308
rduepunti0 : = -1.1027456083666E+26
fil : = 493.57518041322
fipunto1 : = 1.7263075652416E+19
fi_gradi : = 28279.774710086
t1 : = 1.0810270725445E-14
tpunto1 : = 1.0058069381157
tduepunti0 : = -1.3510835270017E+17
v=v_elettrone : = 22095350.048825
x0= : -7.8876523158357E-13
y0= : -2.8176927876948E-13

```



```

*****
i=41153
k(41153)=0.99846435163772
kQ(41153)=0.99693106149133
r1= : 8.4148259588854E-13
rpunto1 : = 16607877.49922
rduepunti0 : = -1.1034347945673E+26
fil : = 493.57720500418
fipunto1 : = 1.7182911214487E+19
fi_gradi : = 28279.890710603
t1 : = 1.0810270843404E-14
tpunto1 : = 1.0057911790584
tduepunti0 : = -1.3437272252327E+17
v=v_elettrone : = 22063185.833963
x0= : -7.9002621019519E-13
y0= : -2.8403308972891E-13
*****
i=41154
k(41154)=0.9984667471073
kQ(41154)=0.99693584507903
r1= : 8.4343034606066E-13
rpunto1 : = 16594929.012216
rduepunti0 : = -1.1040783824894E+26
fil : = 493.57922019355
fipunto1 : = 1.710336585386E+19
fi_gradi : = 28280.006172449
t1 : = 1.0810270961362E-14
tpunto1 : = 1.0057755055938
tduepunti0 : = -1.3364289943765E+17
v=v_elettrone : = 22031151.005275
x0= : -7.9128252159904E-13
y0= : -2.8629518018155E-13
*****
i=41155
k(41155)=0.9984691420006
kQ(41155)=0.99694062752742
r1= : 8.4537657765115E-13
rpunto1 : = 16581973.501612
rduepunti0 : = -1.1046772636867E+26
fil : = 493.58122605395
fipunto1 : = 1.7024433168822E+19
fi_gradi : = 28280.121099784
t1 : = 1.0810271079318E-14
tpunto1 : = 1.0057599170475
tduepunti0 : = -1.3291882642072E+17
v=v_elettrone : = 21999244.722526
x0= : -7.9253419097748E-13
y0= : -2.8855554887695E-13
*****
i=41156
k(41156)=0.99847153621968
kQ(41156)=0.99694540864088
r1= : 8.4732128983628E-13
rpunto1 : = 16569011.481466
rduepunti0 : = -1.1052323127647E+26
fil : = 493.58322265723
fipunto1 : = 1.6946106838277E+19
fi_gradi : = 28280.235496725
t1 : = 1.0810271197272E-14
tpunto1 : = 1.0057444127518
tduepunti0 : = -1.3220044707387E+17
v=v_elettrone : = 21967466.15186
x0= : -7.937812433146E-13
y0= : -2.9081419463826E-13

```

```
*****
i=41157
k(41157)=0.99847392966872
kQ(41157)=0.9969501882281
r1= : 8.4926448185262E-13
rpunto1: = 16556043.45577
rduepunti0 : = -1.1057443877212E+26
fil : = 493.5852100745
fipunto1 : = 1.686838062058E+19
fi_gradi : = 28280.349367347
t1 : = 1.0810271315225E-14
tpunto1 : = 1.0057289920455
tduepunti0 : = -1.3148770561593E+17
v=v_elettrone : = 21935814.466387
x0= : -7.9502370339814E-13
y0= : -2.9307111636073E-13
*****
i=41158
k(41158)=0.99847632225404
kQ(41158)=0.99695496610196
r1= : 8.5120615299586E-13
rpunto1: = 16543069.91865
rduepunti0 : = -1.10621433028E+26
fil : = 493.58718837613
fipunto1 : = 1.6791248352403E+19
fi_gradi : = 28280.462715681
t1 : = 1.0810271433175E-14
tpunto1 : = 1.0057136542738
tduepunti0 : = -1.3078054687665E+17
v=v_elettrone : = 21904288.84625
x0= : -7.9626159582146E-13
y0= : -2.9532631301032E-13
*****
i=41159
k(41159)=0.99847871388403
kQ(41159)=0.99695974207951
r1= : 8.5314630261961E-13
rpunto1: = 16530091.354544
rduepunti0 : = -1.1066429662171E+26
fil : = 493.5891576318
fipunto1 : = 1.6714703947599E+19
fi_gradi : = 28280.57554572
t1 : = 1.0810271551124E-14
tpunto1 : = 1.0056983987885
tduepunti0 : = -1.300789162903E+17
v=v_elettrone : = 21872888.478108
x0= : -7.9749494498539E-13
y0= : -2.9757978362239E-13
*****
i=41160
k(41160)=0.99848110446909
kQ(41160)=0.99696451598181
r1= : 8.5508493013433E-13
rpunto1: = 16517108.238389
rduepunti0 : = -1.1070311056799E+26
fil : = 493.59111791044
fipunto1 : = 1.6638741396103E+19
fi_gradi : = 28280.687861412
t1 : = 1.0810271669071E-14
tpunto1 : = 1.0056832249475
tduepunti0 : = -1.2938275988917E+17
v=v_elettrone : = 21841612.555449
x0= : -7.9872377510018E-13
y0= : -2.998315273003E-13
```

```
*****
i=41161
k(41161)=0.99848349392162
kQ(41161)=0.99696928763392
r1= : 8.5702203500614E-13
rpunto1: = 16504121.035801
rduepunti0 : = -1.1073795434997E+26
fil : = 493.59306928029
fipunto1 : = 1.6563354762838E+19
fi_gradi : = 28280.799666669
t1 : = 1.0810271787016E-14
tpunto1 : = 1.005668132115
tduepunti0 : = -1.2869202429724E+17
v=v_elettrone : = 21810460.277517
x0= : -7.9994811018728E-13
y0= : -3.0208154321412E-13
*****
i=41162
k(41162)=0.99848588215597
kQ(41162)=0.99697405686478
r1= : 8.5895761675581E-13
rpunto1: = 16491130.203249
rduepunti0 : = -1.1076890594977E+26
fil : = 493.59501180889
fipunto1 : = 1.6488538186641E+19
fi_gradi : = 28280.91096536
t1 : = 1.081027190496E-14
tpunto1 : = 1.0056531196616
tduepunti0 : = -1.2800665672381E+17
v=v_elettrone : = 21779430.850953
x0= : -8.011679740813E-13
y0= : -3.043298305992E-13
*****
i=41163
k(41163)=0.9984882690884
kQ(41163)=0.99697882350716
r1= : 8.6089167495761E-13
rpunto1: = 16478136.188231
rduepunti0 : = -1.1079604187843E+26
fil : = 493.59694556311
fipunto1 : = 1.6414285879208E+19
fi_gradi : = 28281.021761315
t1 : = 1.0810272022901E-14
tpunto1 : = 1.0056381869638
tduepunti0 : = -1.2732660495718E+17
v=v_elettrone : = 21748523.488716
x0= : -8.0238339043174E-13
y0= : -3.0657638875505E-13
*****
i=41164
k(41164)=0.99849065463706
kQ(41164)=0.99698358739754
r1= : 8.6282420923831E-13
rpunto1: = 16465139.42944
rduepunti0 : = -1.1081943720521E+26
fil : = 493.59887060911
fipunto1 : = 1.6340592124053E+19
fi_gradi : = 28281.132058326
t1 : = 1.0810272140841E-14
tpunto1 : = 1.0056233334041
tduepunti0 : = -1.2665181735841E+17
v=v_elettrone : = 21717737.409529
x0= : -8.0359438270484E-13
y0= : -3.0882121704403E-13
```

```
*****
i=41165
k(41165)=0.9984930387219
kQ(41165)=0.9969883483761
r1= : 8.6475521927612E-13
rpunto1: = 16452140.35693
rduepunti0 : = -1.1083916558626E+26
fil : = 493.6007870124
fipunto1 : = 1.6267451275483E+19
fi_gradi : = 28281.241860146
t1 : = 1.081027225878E-14
tpunto1 : = 1.0056085583713
tduepunti0 : = -1.2598224285508E+17
v=v_elettrone : = 21687071.83922
x0= : -8.0480097418536E-13
y0= : -3.1106431489005E-13
*****
i=41166
k(41166)=0.99849542126473
kQ(41166)=0.99699310628662
r1= : 8.6668470479969E-13
rpunto1: = 16439139.39228
rduepunti0 : = -1.108552992927E+26
fil : = 493.60269483783
fipunto1 : = 1.619485775759E+19
fi_gradi : = 28281.351170491
t1 : = 1.0810272376716E-14
tpunto1 : = 1.0055938612598
tduepunti0 : = -1.2531783093511E+17
v=v_elettrone : = 21656526.009613
x0= : -8.0600318797833E-13
y0= : -3.1330568177748E-13
*****
i=41167
k(41167)=0.99849780218906
kQ(41167)=0.99699786097639
r1= : 8.6861266558711E-13
rpunto1: = 16426136.948752
rduepunti0 : = -1.1086790923807E+26
fil : = 493.60459414958
fipunto1 : = 1.6122806063262E+19
fi_gradi : = 28281.459993039
t1 : = 1.0810272494651E-14
tpunto1 : = 1.0055792414701
tduepunti0 : = -1.2465853164064E+17
v=v_elettrone : = 21626099.158497
x0= : -8.0720104701082E-13
y0= : -3.1554531724992E-13
*****
i=41168
k(41168)=0.9985001814202
kQ(41168)=0.99700261229617
r1= : 8.7053910146495E-13
rpunto1: = 16413133.431448
rduepunti0 : = -1.1087706500528E+26
fil : = 493.60648501121
fipunto1 : = 1.60512907532E+19
fi_gradi : = 28281.56833143
t1 : = 1.0810272612584E-14
tpunto1 : = 1.0055646984084
tduepunti0 : = -1.2400429556194E+17
v=v_elettrone : = 21595790.530123
x0= : -8.0839457403366E-13
y0= : -3.1778322090899E-13
```

```
*****
i=41169
k(41169)=0.9985025588851
kQ(41169)=0.9970073601001
r1= : 8.7246401230727E-13
rpunto1: = 16400129.237461
rduepunti0 : = -1.1088283487287E+26
fil : = 493.60836748562
fipunto1 : = 1.598030645496E+19
fi_gradi : = 28281.676189269
t1 : = 1.0810272730515E-14
tpunto1 : = 1.0055502314865
tduepunti0 : = -1.2335507383135E+17
v=v_elettrone : = 21565599.374888
x0= : -8.0958379162312E-13
y0= : -3.2001939241323E-13
*****
i=41170
k(41170)=0.99850493451242
kQ(41170)=0.99701210424565
r1= : 8.7438739803471E-13
rpunto1: = 16387124.756028
rduepunti0 : = -1.1088528584083E+26
fil : = 493.61024163508
fipunto1 : = 1.5909847862005E+19
fi_gradi : = 28281.783570123
t1 : = 1.0810272848445E-14
tpunto1 : = 1.0055358401221
tduepunti0 : = -1.227108181173E+17
v=v_elettrone : = 21535524.949272
x0= : -8.1076872218265E-13
y0= : -3.2225383147701E-13
*****
i=41171
k(41171)=0.99850730823243
kQ(41171)=0.99701684459356
r1= : 8.7630925861356E-13
rpunto1: = 16374120.368674
rduepunti0 : = -1.1088448365581E+26
fil : = 493.61210752125
fipunto1 : = 1.5839909732772E+19
fi_gradi : = 28281.890477525
t1 : = 1.0810272966373E-14
tpunto1 : = 1.0055215237383
tduepunti0 : = -1.2207148061837E+17
v=v_elettrone : = 21505566.515504
x0= : -8.1194938794448E-13
y0= : -3.2448653786942E-13
*****
i=41172
k(41172)=0.998509679977
kQ(41172)=0.99702158100776
r1= : 8.7822959405485E-13
rpunto1: = 16361116.449358
rduepunti0 : = -1.1088049283581E+26
fil : = 493.61396520516
fipunto1 : = 1.5770486889757E+19
fi_gradi : = 28281.996914973
t1 : = 1.0810273084299E-14
tpunto1 : = 1.005507281764
tduepunti0 : = -1.2143701405737E+17
v=v_elettrone : = 21475723.341756
x0= : -8.1312581097137E-13
y0= : -3.2671751141315E-13
```

```

*****
i=41173
k(41173)=0.99851204967958
kQ(41173)=0.99702631335531
r1= : 8.8014840441348E-13
rpunto1 : = 16348113.364614
rduepunti0 : = -1.1087337669436E+26
fil : = 493.61581474726
fipunto1 : = 1.5701574218607E+19
fi_gradi : = 28282.102885929
t1 : = 1.0810273202223E-14
tpunto1 : = 1.0054931136333
tduepunti0 : = -1.2080737167551E+17
v=v_elettrone : = 21445994.702611
x0= : -8.1429801315814E-13
y0= : -3.2894675198344E-13
*****
i=41174
k(41174)=0.99851441727516
kQ(41174)=0.99703104150635
r1= : 8.8206568978732E-13
rpunto1 : = 16335111.473689
rduepunti0 : = -1.1086319736422E+26
fil : = 493.61765620737
fipunto1 : = 1.5633166667234E+19
fi_gradi : = 28282.208393822
t1 : = 1.0810273320146E-14
tpunto1 : = 1.0054790187859
tduepunti0 : = -1.201825072266E+17
v=v_elettrone : = 21416379.878155
x0= : -8.1546601623337E-13
y0= : -3.3117425950711E-13
*****
i=41175
k(41175)=0.99851678270023
kQ(41175)=0.99703576533402
r1= : 8.8398145031638E-13
rpunto1 : = 16322111.128678
rduepunti0 : = -1.108500158205E+26
fil : = 493.61948964473
fipunto1 : = 1.5565259244936E+19
fi_gradi : = 28282.313442044
t1 : = 1.0810273438068E-14
tpunto1 : = 1.0054649966668
tduepunti0 : = -1.1956237497127E+17
v=v_elettrone : = 21386878.154425
x0= : -8.1662984176092E-13
y0= : -3.3340003396149E-13
*****
i=41176
k(41176)=0.99851914589277
kQ(41176)=0.99704048471442
r1= : 8.8589568618197E-13
rpunto1 : = 16309112.674658
rduepunti0 : = -1.108338919034E+26
fil : = 493.62131511799
fipunto1 : = 1.5497847021539E+19
fi_gradi : = 28282.418033958
t1 : = 1.0810273555987E-14
tpunto1 : = 1.0054510467263
tduepunti0 : = -1.1894692967133E+17
v=v_elettrone : = 21357488.822755
x0= : -8.1778951114156E-13
y0= : -3.3562407537348E-13

```

```
*****
i=41177
k(41177)=0.9985215067922
kQ(41177)=0.99704519952657
r1= : 8.8780839760585E-13
rpunto1 : = 16296116.449821
rduepunti0 : = -1.1081488434041E+26
fil : = 493.62313268524
fipunto1 : = 1.5430925126544E+19
fi_gradi : = 28282.52217289
t1 : = 1.0810273673905E-14
tpunto1 : = 1.00543716842
tduepunti0 : = -1.1833612658404E+17
v=v_elettrone : = 21328211.180763
x0= : -8.1894504561455E-13
y0= : -3.3784638381844E-13
*****
i=41178
k(41178)=0.99852386533938
kQ(41178)=0.99704990965229
r1= : 8.8971958484947E-13
rpunto1 : = 16283122.785597
rduepunti0 : = -1.1079305076803E+26
fil : = 493.62494240397
fipunto1 : = 1.5364488748292E+19
fi_gradi : = 28282.625862136
t1 : = 1.0810273791822E-14
tpunto1 : = 1.0054233612087
tduepunti0 : = -1.1772992145659E+17
v=v_elettrone : = 21299044.531134
x0= : -8.2009646625914E-13
y0= : -3.4006695941937E-13
*****
i=41179
k(41179)=0.99852622147654
kQ(41179)=0.99705461497622
r1= : 8.9162924821312E-13
rpunto1 : = 16270132.006782
rduepunti0 : = -1.1076844775311E+26
fil : = 493.62674433114
fipunto1 : = 1.5298533133144E+19
fi_gradi : = 28282.729104958
t1 : = 1.0810273909736E-14
tpunto1 : = 1.0054096245581
tduepunti0 : = -1.171282705205E+17
v=v_elettrone : = 21269988.182871
x0= : -8.2124379399614E-13
y0= : -3.4228580234585E-13
*****
i=41180
k(41180)=0.99852857514731
kQ(41180)=0.99705931538571
r1= : 8.9353738803521E-13
rpunto1 : = 16257144.431662
rduepunti0 : = -1.1074113081367E+26
fil : = 493.62853852311
fipunto1 : = 1.5233053584667E+19
fi_gradi : = 28282.831904585
t1 : = 1.081027402765E-14
tpunto1 : = 1.0053959579394
tduepunti0 : = -1.1653113048614E+17
v=v_elettrone : = 21241041.450336
x0= : -8.2238704958937E-13
y0= : -3.4450291281322E-13
```

```
*****
i=41181
k(41181)=0.99853092629662
kQ(41181)=0.99706401077079
r1= : 8.9544400469146E-13
rpunto1 : = 16244160.372132
rduepunti0 : = -1.1071115443935E+26
fil : = 493.63032503573
fipunto1 : = 1.5168045462838E+19
fi_gradi : = 28282.934264219
t1 : = 1.0810274145561E-14
tpunto1 : = 1.0053823608285
tduepunti0 : = -1.159384585373E+17
v=v_elettrone : = 21212203.652547
x0= : -8.235262536472E-13
y0= : -3.4671829108167E-13
*****
i=41182
k(41182)=0.99853327487076
kQ(41182)=0.99706870102412
r1= : 8.9734909859418E-13
rpunto1 : = 16231180.133815
rduepunti0 : = -1.1067857211137E+26
fil : = 493.63210392429
fipunto1 : = 1.5103504183259E+19
fi_gradi : = 28283.036187025
t1 : = 1.0810274263471E-14
tpunto1 : = 1.0053688327063
tduepunti0 : = -1.1535021232577E+17
v=v_elettrone : = 21183474.115259
x0= : -8.2466142662407E-13
y0= : -3.4893193745521E-13
*****
i=41183
k(41183)=0.99853562081727
kQ(41183)=0.99707338604094
r1= : 8.992526701915E-13
rpunto1 : = 16218204.016178
rduepunti0 : = -1.1064343632214E+26
fil : = 493.63387524352
fipunto1 : = 1.5039425216381E+19
fi_gradi : = 28283.137676141
t1 : = 1.0810274381379E-14
tpunto1 : = 1.0053553730588
tduepunti0 : = -1.14766349966E+17
v=v_elettrone : = 21154852.16858
x0= : -8.2579258882183E-13
y0= : -3.5114385228097E-13
*****
i=41184
k(41184)=0.99853796408499
kQ(41184)=0.99707806571899
r1= : 9.0115471996671E-13
rpunto1 : = 16205232.312644
rduepunti0 : = -1.106057985944E+26
fil : = 493.63563904766
fipunto1 : = 1.4975804086747E+19
fi_gradi : = 28283.238734674
t1 : = 1.0810274499286E-14
tpunto1 : = 1.0053419813765
tduepunti0 : = -1.1418683002985E+17
v=v_elettrone : = 21126337.148765
x0= : -8.2691976039134E-13
y0= : -3.5335403594821E-13
```



```
*****
i=41185
k(41185)=0.99854030462396
kQ(41185)=0.99708273995852
r1= : 9.0305524843747E-13
rpunto1 : = 16192265.310706
rduepunti0 : = -1.1056570950005E+26
fil : = 493.63739539039
fipunto1 : = 1.4912636372238E+19
fi_gradi : = 28283.3393657
t1 : = 1.0810274617191E-14
tpunto1 : = 1.0053286571552
tduepunti0 : = -1.1361161154131E+17
v=v_elettrone : = 21097928.396648
x0= : -8.2804296133374E-13
y0= : -3.5556248888756E-13
*****
i=41186
k(41186)=0.99854264238548
kQ(41186)=0.99708740866217
r1= : 9.0495425615519E-13
rpunto1 : = 16179303.292037
rduepunti0 : = -1.1052321867847E+26
fil : = 493.6391443249
fipunto1 : = 1.4849917703339E+19
fi_gradi : = 28283.439572266
t1 : = 1.0810274735095E-14
tpunto1 : = 1.005315399895
tduepunti0 : = -1.1304065397131E+17
v=v_elettrone : = 21069625.258867
x0= : -8.2916221150203E-13
y0= : -3.5776921157015E-13
*****
i=41187
k(41187)=0.998544977322
kQ(41187)=0.99709207173499
r1= : 9.068517437043E-13
rpunto1 : = 16166346.532592
rduepunti0 : = -1.1047837485459E+26
fil : = 493.64088590385
fipunto1 : = 1.4787643762406E+19
fi_gradi : = 28283.539357389
t1 : = 1.0810274852997E-14
tpunto1 : = 1.0053022091009
tduepunti0 : = -1.1247391723264E+17
v=v_elettrone : = 21041427.087124
x0= : -8.3027753060233E-13
y0= : -3.599742045068E-13
*****
i=41188
k(41188)=0.99854730938716
kQ(41188)=0.99709672908434
r1= : 9.0874771170159E-13
rpunto1 : = 16153395.302721
rduepunti0 : = -1.1043122585649E+26
fil : = 493.64262017938
fipunto1 : = 1.4725810282957E+19
fi_gradi : = 28283.638724058
t1 : = 1.0810274970897E-14
tpunto1 : = 1.0052890842827
tduepunti0 : = -1.1191136167478E+17
v=v_elettrone : = 21013333.237999
x0= : -8.3138893819532E-13
y0= : -3.6217746824725E-13
```

```
*****
i=41189
k(41189)=0.99854963853575
kQ(41189)=0.99710138061988
r1= : 9.1064216079556E-13
rpunto1: = 16140449.867264
rduepunti0 : = -1.1038181863269E+26
fil : = 493.64434720317
fipunto1 : = 1.4664413048962E+19
fi_gradi : = 28283.737675232
t1 : = 1.0810275088796E-14
tpunto1 : = 1.0052760249544
tduepunti0 : = -1.1135294807897E+17
v=v_elettrone : = 20985343.073876
x0= : -8.3249645369765E-13
y0= : -3.6437900337934E-13
*****
i=41190
k(41190)=0.99855196472368
kQ(41190)=0.99710602625351
r1= : 9.1253509166578E-13
rpunto1: = 16127510.485659
rduepunti0 : = -1.1033019926906E+26
fil : = 493.64606702637
fipunto1 : = 1.4603447894154E+19
fi_gradi : = 28283.836213843
t1 : = 1.0810275206694E-14
tpunto1 : = 1.005263030635
tduepunti0 : = -1.1079863765314E+17
v=v_elettrone : = 20957455.961344
x0= : -8.3360009638319E-13
y0= : -3.665788105283E-13
*****
i=41191
k(41191)=0.99855428790794
kQ(41191)=0.99711066589933
r1= : 9.1442650502223E-13
rpunto1: = 16114577.412036
rduepunti0 : = -1.102764130054E+26
fil : = 493.64777969966
fipunto1 : = 1.4542910701339E+19
fi_gradi : = 28283.934342794
t1 : = 1.081027532459E-14
tpunto1 : = 1.0052501008476
tduepunti0 : = -1.1024839202704E+17
v=v_elettrone : = 20929671.272669
x0= : -8.3469988538449E-13
y0= : -3.6877689035593E-13
*****
i=41192
k(41192)=0.99855660804663
kQ(41192)=0.99711529947359
r1= : 9.1631640160471E-13
rpunto1: = 16101650.895319
rduepunti0 : = -1.1022050425168E+26
fil : = 493.64948527323
fipunto1 : = 1.4482797401729E+19
fi_gradi : = 28284.032064961
t1 : = 1.0810275442484E-14
tpunto1 : = 1.0052372351201
tduepunti0 : = -1.0970217324734E+17
v=v_elettrone : = 20901988.384753
x0= : -8.3579583969401E-13
y0= : -3.709732435599E-13
```

```
*****
i=41193
k(41193)=0.9985589250989
kQ(41193)=0.99711992689466
r1= : 9.182047821822E-13
rpunto1 : = 16088731.179318
rduepunti0 : = -1.101625166039E+26
fil : = 493.65118379678
fipunto1 : = 1.4423103974278E+19
fi_gradi : = 28284.129383192
t1 : = 1.0810275560377E-14
tpunto1 : = 1.0052244329845
tduepunti0 : = -1.091599437728E+17
v=v_elettrone : = 20874406.67975
x0= : -8.3688797816549E-13
y0= : -3.73167870873E-13
*****
i=41194
k(41194)=0.99856123902492
kQ(41194)=0.99712454808298
r1= : 9.2009164755227E-13
rpunto1 : = 16075818.502823
rduepunti0 : = -1.1010249285971E+26
fil : = 493.65287531957
fipunto1 : = 1.4363826445024E+19
fi_gradi : = 28284.226300309
t1 : = 1.0810275678269E-14
tpunto1 : = 1.0052116939774
tduepunti0 : = -1.0862166646952E+17
v=v_elettrone : = 20846925.544566
x0= : -8.3797631951517E-13
y0= : -3.7536077306247E-13
*****
i=41195
k(41195)=0.99856354978591
kQ(41195)=0.99712916296103
r1= : 9.2197699854052E-13
rpunto1 : = 16062913.099697
rduepunti0 : = -1.1004047503364E+26
fil : = 493.65455989037
fipunto1 : = 1.4304960886457E+19
fi_gradi : = 28284.322819106
t1 : = 1.0810275796159E-14
tpunto1 : = 1.0051990176396
tduepunti0 : = -1.0808730460619E+17
v=v_elettrone : = 20819544.370626
x0= : -8.3906088232317E-13
y0= : -3.775519509293E-13
*****
i=41196
k(41196)=0.99856585734406
kQ(41196)=0.99713377145328
r1= : 9.2386083599995E-13
rpunto1 : = 16050015.198967
rduepunti0 : = -1.0997650437206E+26
fil : = 493.65623755749
fipunto1 : = 1.4246503416875E+19
fi_gradi : = 28284.418942352
t1 : = 1.0810275914047E-14
tpunto1 : = 1.005186403516
tduepunti0 : = -1.0755682184941E+17
v=v_elettrone : = 20792262.554493
x0= : -8.4014168503468E-13
y0= : -3.7974140530744E-13
```

```
*****
i=41197
k(41197)=0.99856816166255
kQ(41197)=0.99713837348613
r1= : 9.2574316081044E-13
rpunto1: = 16037125.02491
rduepunti0 : = -1.0991062136778E+26
fil : = 493.65790836879
fipunto1 : = 1.4188450199769E+19
fi_gradi : = 28284.514672788
t1 : = 1.0810276031934E-14
tpunto1 : = 1.0051738511561
tduepunti0 : = -1.0703018225912E+17
v=v_elettrone : = 20765079.497629
x0= : -8.4121874596128E-13
y0= : -3.8192913706323E-13
*****
i=41198
k(41198)=0.99857046270553
kQ(41198)=0.99714296898794
r1= : 9.2762397387816E-13
rpunto1: = 16024242.79714
rduepunti0 : = -1.0984286577446E+26
fil : = 493.65957237169
fipunto1 : = 1.4130797443203E+19
fi_gradi : = 28284.610013131
t1 : = 1.0810276149819E-14
tpunto1 : = 1.0051613601132
tduepunti0 : = -1.0650735028395E+17
v=v_elettrone : = 20737994.605572
x0= : -8.4229208328209E-13
y0= : -3.8411514709475E-13
*****
i=41199
k(41199)=0.99857276043807
kQ(41199)=0.99714755788891
r1= : 9.2950327613504E-13
rpunto1: = 16011368.730695
rduepunti0 : = -1.097732766206E+26
fil : = 493.66122961315
fipunto1 : = 1.4073541399214E+19
fi_gradi : = 28284.704966072
t1 : = 1.0810276267703E-14
tpunto1 : = 1.005148929945
tduepunti0 : = -1.0598829075676E+17
v=v_elettrone : = 20711007.289687
x0= : -8.4336171504512E-13
y0= : -3.8629943633103E-13
*****
i=41200
k(41200)=0.99857505482618
kQ(41200)=0.99715214012111
r1= : 9.3138106853823E-13
rpunto1: = 15998503.036119
rduepunti0 : = -1.0970189222333E+26
fil : = 493.6628801397
fipunto1 : = 1.4016678363217E+19
fi_gradi : = 28284.799534277
t1 : = 1.0810276385586E-14
tpunto1 : = 1.005136560213
tduepunti0 : = -1.0547296889014E+17
v=v_elettrone : = 20684116.964627
x0= : -8.4442765916832E-13
y0= : -3.8848200573164E-13
```

```
*****
i=41201
k(41201)=0.99857734583677
kQ(41201)=0.9971567156184
r1= : 9.3325735206957E-13
rpunto1: = 15985645.919544
rduepunti0 : = -1.0962875020188E+26
fil : = 493.66452399742
fipunto1 : = 1.3960204673413E+19
fi_gradi : = 28284.893720387
t1 : = 1.0810276503467E-14
tpunto1 : = 1.005124250483
tduepunti0 : = -1.0496135027198E+17
v=v_elettrone : = 20657323.050634
x0= : -8.4548993344095E-13
y0= : -3.9066285628585E-13
*****
i=41202
k(41202)=0.99857963343762
kQ(41202)=0.99716128431641
r1= : 9.3513212773507E-13
rpunto1: = 15972797.58277
rduepunti0 : = -1.0955388749084E+26
fil : = 493.66616123198
fipunto1 : = 1.3904116710218E+19
fi_gradi : = 28284.987527017
t1 : = 1.0810276621347E-14
tpunto1 : = 1.0051120003246
tduepunti0 : = -1.0445340086111E+17
v=v_elettrone : = 20630624.971844
x0= : -8.4654855552466E-13
y0= : -3.9284198901213E-13
*****
i=41203
k(41203)=0.9985819175974
kQ(41203)=0.99716584615251
r1= : 9.3700539656443E-13
rpunto1: = 15959958.223344
rduepunti0 : = -1.0947734035304E+26
fil : = 493.66779188862
fipunto1 : = 1.384841089569E+19
fi_gradi : = 28285.080956761
t1 : = 1.0810276739225E-14
tpunto1 : = 1.0050998093115
tduepunti0 : = -1.0394908698296E+17
v=v_elettrone : = 20604022.157452
x0= : -8.476035429547E-13
y0= : -3.9501940495748E-13
*****
i=41204
k(41204)=0.99858419828564
kQ(41204)=0.99717040106577
r1= : 9.3887715961049E-13
rpunto1: = 15947128.034638
rduepunti0 : = -1.0939914439229E+26
fil : = 493.66941601216
fipunto1 : = 1.3793083692974E+19
fi_gradi : = 28285.174012185
t1 : = 1.0810276857102E-14
tpunto1 : = 1.0050876770213
tduepunti0 : = -1.0344837532528E+17
v=v_elettrone : = 20577514.040854
x0= : -8.4865491314107E-13
y0= : -3.9719510519692E-13
```

```
*****
i=41205
k(41205)=0.99858647547268
kQ(41205)=0.99717494899695
r1= : 9.4074741794879E-13
rpunto1: = 15934307.205924
rduepunti0 : = -1.0931933456575E+26
fil : = 493.67103364699
fipunto1 : = 1.3738131605742E+19
fi_gradi : = 28285.266695833
t1 : = 1.0810276974977E-14
tpunto1 : = 1.0050756030352
tduepunti0 : = -1.0295123293394E+17
v=v_elettrone : = 20551100.059942
x0= : -8.4970268336966E-13
y0= : -3.9936909083286E-13
*****
i=41206
k(41206)=0.99858874912969
kQ(41206)=0.9971794898884
r1= : 9.4261617267705E-13
rpunto1: = 15921495.922449
rduepunti0 : = -1.092379451962E+26
fil : = 493.67264483711
fipunto1 : = 1.3683551177657E+19
fi_gradi : = 28285.359010227
t1 : = 1.0810277092851E-14
tpunto1 : = 1.0050635869385
tduepunti0 : = -1.0245762720871E+17
v=v_elettrone : = 20524779.656529
x0= : -8.5074687080341E-13
y0= : -4.0154136299454E-13
*****
i=41207
k(41207)=0.99859101922865
kQ(41207)=0.99718402368412
r1= : 9.4448342491472E-13
rpunto1: = 15908694.365508
rduepunti0 : = -1.0915500998388E+26
fil : = 493.67424962612
fipunto1 : = 1.3629338991835E+19
fi_gradi : = 28285.450957864
t1 : = 1.0810277210724E-14
tpunto1 : = 1.0050516283203
tduepunti0 : = -1.0196752589912E+17
v=v_elettrone : = 20498552.277779
x0= : -8.5178749248346E-13
y0= : -4.037119228374E-13
*****
i=41208
k(41208)=0.99859328574233
kQ(41208)=0.99718855032967
r1= : 9.4634917580252E-13
rpunto1: = 15895902.712513
rduepunti0 : = -1.0907056201822E+26
fil : = 493.67584805718
fipunto1 : = 1.3575491670319E+19
fi_gradi : = 28285.542541218
t1 : = 1.0810277328595E-14
tpunto1 : = 1.0050397267733
tduepunti0 : = -1.0148089710043E+17
v=v_elettrone : = 20472417.373896
x0= : -8.5282456533016E-13
y0= : -4.0588077154266E-13
```

```
*****
i=41209
k(41209)=0.99859554864426
kQ(41209)=0.99719306977213
r1= : 9.4821342650197E-13
rpunto1: = 15883121.137069
rduepunti0 : = -1.0898463378933E+26
fil : = 493.67744017311
fipunto1 : = 1.3522005873556E+19
fi_gradi : = 28285.633762741
t1 : = 1.0810277446464E-14
tpunto1 : = 1.005027881894
tduepunti0 : = -1.009977092495E+17
v=v_elettrone : = 20446374.400709
x0= : -8.538581061443E-13
y0= : -4.0804791031663E-13
*****
i=41210
k(41210)=0.99859780790873
kQ(41210)=0.99719758196012
r1= : 9.5007617819495E-13
rpunto1: = 15870349.809037
rduepunti0 : = -1.0889725719919E+26
fil : = 493.67902601629
fipunto1 : = 1.3468878299891E+19
fi_gradi : = 28285.724624862
t1 : = 1.0810277564333E-14
tpunto1 : = 1.0050160932823
tduepunti0 : = -1.0051793112089E+17
v=v_elettrone : = 20420422.817048
x0= : -8.548881316081E-13
y0= : -4.1021334039036E-13
*****
i=41211
k(41211)=0.99860006351078
kQ(41211)=0.99720208684374
r1= : 9.5193743208327E-13
rpunto1: = 15857588.894606
rduepunti0 : = -1.0880846357267E+26
fil : = 493.68060562874
fipunto1 : = 1.3416105685058E+19
fi_gradi : = 28285.815129989
t1 : = 1.08102776822E-14
tpunto1 : = 1.0050043605422
tduepunti0 : = -1.0004153182282E+17
v=v_elettrone : = 20394562.08675
x0= : -8.5591465828634E-13
y0= : -4.1237706301892E-13
*****
i=41212
k(41212)=0.99860231542618
kQ(41212)=0.99720658437453
r1= : 9.5379718938823E-13
rpunto1: = 15844838.556356
rduepunti0 : = -1.0871828366832E+26
fil : = 493.68217905208
fipunto1 : = 1.3363684801687E+19
fi_gradi : = 28285.905280506
t1 : = 1.0810277800065E-14
tpunto1 : = 1.0049926832809
tduepunti0 : = -9.9568480793341E+16
v=v_elettrone : = 20368791.677478
x0= : -8.5693770262739E-13
y0= : -4.1453907948105E-13
```

```
*****
i=41213
k(41213)=0.9986045636314
kQ(41213)=0.99721107450545
r1= : 9.5565545135017E-13
rpunto1 : = 15832098.953326
rduepunti0 : = -1.0862674768893E+26
fil : = 493.68374632757
fipunto1 : = 1.3311612458814E+19
fi_gradi : = 28285.995078777
t1 : = 1.081027791793E-14
tpunto1 : = 1.0049810611092
tduepunti0 : = -9.9098747796427E+16
v=v_elettrone : = 20343111.061263
x0= : -8.5795728096429E-13
y0= : -4.1669939107855E-13
*****
i=41214
k(41214)=0.99860680810361
kQ(41214)=0.99721555719088
r1= : 9.5751221922811E-13
rpunto1 : = 15819370.241077
rduepunti0 : = -1.0853388529191E+26
fil : = 493.68530749609
fipunto1 : = 1.32598855014E+19
fi_gradi : = 28286.084527144
t1 : = 1.0810278035792E-14
tpunto1 : = 1.0049694936416
tduepunti0 : = -9.863230291818E+16
v=v_elettrone : = 20317519.713606
x0= : -8.5897340951578E-13
y0= : -4.1885799913589E-13
*****
i=41215
k(41215)=0.99860904882069
kQ(41215)=0.99722003238656
r1= : 9.5936749429931E-13
rpunto1 : = 15806652.571754
rduepunti0 : = -1.0843972559943E+26
fil : = 493.68686259813
fipunto1 : = 1.3208500809855E+19
fi_gradi : = 28286.173627928
t1 : = 1.0810278153654E-14
tpunto1 : = 1.0049579804959
tduepunti0 : = -9.8169116563059E+16
v=v_elettrone : = 20292017.114882
x0= : -8.5998610438735E-13
y0= : -4.2101490499958E-13
*****
i=41216
k(41216)=0.99861128576116
kQ(41216)=0.99722450004956
r1= : 9.6122127785888E-13
rpunto1 : = 15793946.094147
rduepunti0 : = -1.0834429720837E+26
fil : = 493.68841167385
fipunto1 : = 1.3157455299572E+19
fi_gradi : = 28286.262383429
t1 : = 1.0810278271514E-14
tpunto1 : = 1.0049465212934
tduepunti0 : = -9.7709159450152E+16
v=v_elettrone : = 20266602.748561
x0= : -8.6099538157222E-13
y0= : -4.2317011003786E-13
```



```
*****
i=41217
k(41217)=0.99861351890423
kQ(41217)=0.99722896013829
r1= : 9.6307357121935E-13
rpunto1: = 15781250.953755
rduepunti0 : = -1.0824762820009E+26
fil : = 493.68995476301
fipunto1 : = 1.3106745920466E+19
fi_gradi : = 28286.350795925
t1 : = 1.0810278389373E-14
tpunto1 : = 1.0049351156587
tduepunti0 : = -9.7252402609494E+16
v=v_elettrone : = 20241276.103201
x0= : -8.6200125695241E-13
y0= : -4.2532361564004E-13
*****
i=41218
k(41218)=0.99861574822973
kQ(41218)=0.99723341261243
r1= : 9.6492437571035E-13
rpunto1: = 15768567.292843
rduepunti0 : = -1.0814974614999E+26
fil : = 493.69149190505
fipunto1 : = 1.3056369656519E+19
fi_gradi : = 28286.438867676
t1 : = 1.081027850723E-14
tpunto1 : = 1.0049237632199
tduepunti0 : = -9.679881737843E+16
v=v_elettrone : = 20216036.670053
x0= : -8.6300374629967E-13
y0= : -4.2747542321628E-13
*****
i=41219
k(41219)=0.99861797371815
kQ(41219)=0.99723785743294
r1= : 9.6677369267817E-13
rpunto1: = 15755895.250497
rduepunti0 : = -1.0805067813685E+26
fil : = 493.69302313902
fipunto1 : = 1.3006323525337E+19
fi_gradi : = 28286.52660092
t1 : = 1.0810278625087E-14
tpunto1 : = 1.0049124636083
tduepunti0 : = -9.6348375398017E+16
v=v_elettrone : = 20190883.945361
x0= : -8.6400286527652E-13
y0= : -4.296255341969E-13
*****
i=41220
k(41220)=0.99862019535057
kQ(41220)=0.997242294562
r1= : 9.6862152348541E-13
rpunto1: = 15743234.962689
rduepunti0 : = -1.0795045075207E+26
fil : = 493.69454850365
fipunto1 : = 1.2956604577705E+19
fi_gradi : = 28286.613997876
t1 : = 1.0810278742941E-14
tpunto1 : = 1.0049012164586
tduepunti0 : = -9.590104860947E+16
v=v_elettrone : = 20165817.428531
x0= : -8.6499862943719E-13
y0= : -4.3177395003214E-13
```

```
*****
i=41221
k(41221)=0.9986224131087
kQ(41221)=0.99724672396304
r1= : 9.7046786951065E-13
rpunto1: = 15730586.562324
rduepunti0 : = -1.0784909010866E+26
fil : = 493.6960680373
fipunto1 : = 1.2907209897156E+19
fi_gradi : = 28286.701060741
t1 : = 1.0810278860795E-14
tpunto1 : = 1.0048900214088
tduepunti0 : = -9.5456809250652E+16
v=v_elettrone : = 20140836.623255
x0= : -8.6599105422863E-13
y0= : -4.3392067219158E-13
*****
i=41222
k(41222)=0.99862462697485
kQ(41222)=0.99725114560065
r1= : 9.7231273214802E-13
rpunto1: = 15717950.179302
rduepunti0 : = -1.0774662185005E+26
fil : = 493.69758177802
fipunto1 : = 1.2858136599543E+19
fi_gradi : = 28286.787791695
t1 : = 1.0810278978647E-14
tpunto1 : = 1.0048788780998
tduepunti0 : = -9.5015629852605E+16
v=v_elettrone : = 20115941.036262
x0= : -8.6698015499141E-13
y0= : -4.3606570216382E-13
*****
i=41223
k(41223)=0.99862683693189
kQ(41223)=0.9972555594406
r1= : 9.741561128069E-13
rpunto1: = 15705325.94057
rduepunti0 : = -1.0764307115876E+26
fil : = 493.69908976347
fipunto1 : = 1.2809381832619E+19
fi_gradi : = 28286.874192898
t1 : = 1.0810279096498E-14
tpunto1 : = 1.0048677861762
tduepunti0 : = -9.4577483236115E+16
v=v_elettrone : = 20091130.179018
x0= : -8.6796594696075E-13
y0= : -4.3820904145589E-13
*****
i=41224
k(41224)=0.99862904296331
kQ(41224)=0.99725996544981
r1= : 9.7599801291156E-13
rpunto1: = 15692713.970174
rduepunti0 : = -1.0753846276489E+26
fil : = 493.70059203104
fipunto1 : = 1.2760942775617E+19
fi_gradi : = 28286.960266489
t1 : = 1.0810279214348E-14
tpunto1 : = 1.0048567452853
tduepunti0 : = -9.4142342508333E+16
v=v_elettrone : = 20066403.566182
x0= : -8.6894844526736E-13
y0= : -4.4035069159307E-13
```

```
*****
i=41225
k(41225)=0.99863124505311
kQ(41225)=0.99726436359633
r1= : 9.7783843390081E-13
rpunto1: = 15680114.389312
rduepunti0 : = -1.0743282095442E+26
fil : = 493.70208861773
fipunto1 : = 1.271281663885E+19
fi_gradi : = 28287.04601459
t1 : = 1.0810279332196E-14
tpunto1 : = 1.0048457550777
tduepunti0 : = -9.371018105942E+16
v=v_elettrone : = 20041760.716414
x0= : -8.6992766493843E-13
y0= : -4.4249065411835E-13
*****
i=41226
k(41226)=0.99863344318588
kQ(41226)=0.99726875384928
r1= : 9.7967737722768E-13
rpunto1: = 15667527.316384
rduepunti0 : = -1.0732616957741E+26
fil : = 493.70357956026
fipunto1 : = 1.26650006633E+19
fi_gradi : = 28287.131439304
t1 : = 1.0810279450043E-14
tpunto1 : = 1.0048348152071
tduepunti0 : = -9.3280972559242E+16
v=v_elettrone : = 20017201.151114
x0= : -8.7090362089852E-13
y0= : -4.4462893059207E-13
*****
i=41227
k(41227)=0.99863563734672
kQ(41227)=0.9972731361789
r1= : 9.8151484435909E-13
rpunto1: = 15654952.867043
rduepunti0 : = -1.0721853205595E+26
fil : = 493.70506489499
fipunto1 : = 1.2617492120225E+19
fi_gradi : = 28287.216542715
t1 : = 1.0810279567889E-14
tpunto1 : = 1.0048239253303
tduepunti0 : = -9.2854690954104E+16
v=v_elettrone : = 19992724.396697
x0= : -8.718763279705E-13
y0= : -4.4676552259142E-13
*****
i=41228
k(41228)=0.9986378275213
kQ(41228)=0.99727751055645
r1= : 9.833508367755E-13
rpunto1: = 15642391.154247
rduepunti0 : = -1.0710993139201E+26
fil : = 493.70654465797
fipunto1 : = 1.2570288310766E+19
fi_gradi : = 28287.301326889
t1 : = 1.0810279685733E-14
tpunto1 : = 1.004813085107
tduepunti0 : = -9.2431310463519E+16
v=v_elettrone : = 19968329.982155
x0= : -8.728458008764E-13
y0= : -4.4890043171028E-13
```

```
*****
i=41229
k(41229)=0.99864001369576
kQ(41229)=0.99728187695426
r1= : 9.8518535597066E-13
rpunto1: = 15629842.288301
rduepunti0 : = -1.0700039017517E+26
fil : = 493.70801888496
fipunto1 : = 1.2523386565565E+19
fi_gradi : = 28287.385793874
t1 : = 1.0810279803576E-14
tpunto1 : = 1.0048022941999
tduepunti0 : = -9.2010805577016E+16
v=v_elettrone : = 19944017.440436
x0= : -8.7381205423834E-13
y0= : -4.5103365955863E-13
*****
i=41230
k(41230)=0.99864219585678
kQ(41230)=0.99728623534566
r1= : 9.8701840345121E-13
rpunto1: = 15617306.376911
rduepunti0 : = -1.068899305901E+26
fil : = 493.70948761138
fipunto1 : = 1.2476784244382E+19
fi_gradi : = 28287.469945698
t1 : = 1.0810279921418E-14
tpunto1 : = 1.0047915522748
tduepunti0 : = -9.1593151050994E+16
v=v_elettrone : = 19919786.30776
x0= : -8.7477510257939E-13
y0= : -4.5316520776231E-13
*****
i=41231
k(41231)=0.99864437399155
kQ(41231)=0.99729058570497
r1= : 9.8884998073646E-13
rpunto1: = 15604783.525227
rduepunti0 : = -1.0677857442397E+26
fil : = 493.71095087233
fipunto1 : = 1.2430478735721E+19
fi_gradi : = 28287.553784375
t1 : = 1.0810280039259E-14
tpunto1 : = 1.0047808590004
tduepunti0 : = -9.1178321905604E+16
v=v_elettrone : = 19895636.12442
x0= : -8.7573496032443E-13
y0= : -4.5529507796257E-13
*****
i=41232
k(41232)=0.99864654808771
kQ(41232)=0.99729492800749
r1= : 9.9068008935802E-13
rpunto1: = 15592273.835889
rduepunti0 : = -1.0666634307374E+26
fil : = 493.71240870263
fipunto1 : = 1.2384467456462E+19
fi_gradi : = 28287.637311899
t1 : = 1.0810280157098E-14
tpunto1 : = 1.0047702140481
tduepunti0 : = -9.0766293421673E+16
v=v_elettrone : = 19871566.43319
x0= : -8.7669164180104E-13
y0= : -4.5742327181582E-13
```

```
*****
i=41233
k(41233)=0.99864871813341
kQ(41233)=0.9972992622295
r1= : 9.9250873085956E-13
rpunto1 : = 15579777.409073
rduepunti0 : = -1.065532575532E+26
fil : = 493.71386113679
fipunto1 : = 1.2338747851498E+19
fi_gradi : = 28287.720530246
t1 : = 1.0810280274936E-14
tpunto1 : = 1.0047596170924
tduepunti0 : = -9.0357041137667E+16
v=v_elettrone : = 19847576.781605
x0= : -8.7764516124033E-13
y0= : -4.5954979099314E-13
*****
i=41234
k(41234)=0.99865088411726
kQ(41234)=0.99730358834818
r1= : 9.943359067965E-13
rpunto1 : = 15567294.342534
rduepunti0 : = -1.0643933849998E+26
fil : = 493.71530820902
fipunto1 : = 1.2293317393377E+19
fi_gradi : = 28287.803441377
t1 : = 1.0810280392773E-14
tpunto1 : = 1.0047490678105
tduepunti0 : = -8.9950540846689E+16
v=v_elettrone : = 19823666.719179
x0= : -8.7859553277778E-13
y0= : -4.6167463718011E-13
*****
i=41235
k(41235)=0.99865304602833
kQ(41235)=0.99730790634166
r1= : 9.961616187357E-13
rpunto1 : = 15554824.731652
rduepunti0 : = -1.0632460618241E+26
fil : = 493.71674995322
fipunto1 : = 1.2248173581947E+19
fi_gradi : = 28287.886047235
t1 : = 1.0810280510609E-14
tpunto1 : = 1.0047385658825
tduepunti0 : = -8.954676859351E+16
v=v_elettrone : = 19799835.800271
x0= : -8.7954277045409E-13
y0= : -4.6379781207629E-13
*****
i=41236
k(41236)=0.99865520385615
kQ(41236)=0.99731221618897
r1= : 9.9798586825523E-13
rpunto1 : = 15542368.66947
rduepunti0 : = -1.0620908050613E+26
fil : = 493.71818640301
fipunto1 : = 1.2203313944009E+19
fi_gradi : = 28287.968349746
t1 : = 1.0810280628443E-14
tpunto1 : = 1.0047281109912
tduepunti0 : = -8.9145700671645E+16
v=v_elettrone : = 19776083.581001
x0= : -8.8048688821596E-13
y0= : -4.6591931739508E-13
```

```
*****
i=41237
k(41237)=0.99865735759068
kQ(41237)=0.99731651786999
r1= : 9.9980865694407E-13
rpunto1 : = 15529926.24674
rduepunti0 : = -1.0609278102078E+26
fil : = 493.71961759173
fipunto1 : = 1.2158736032976E+19
fi_gradi : = 28288.050350819
t1 : = 1.0810280746276E-14
tpunto1 : = 1.0047177028222
tduepunti0 : = -8.8747313620453E+16
v=v_elettrone : = 19752409.622106
x0= : -8.8142789991701E-13
y0= : -4.6803915486318E-13
*****
i=41238
k(41238)=0.99865950722231
kQ(41238)=0.99732081136551
r1= : 1.0016299864018E-12
rpunto1 : = 15517497.551962
rduepunti0 : = -1.0597572692637E+26
fil : = 493.7210435524
fipunto1 : = 1.2114437428534E+19
fi_gradi : = 28288.132052347
t1 : = 1.0810280864108E-14
tpunto1 : = 1.0047073410639
tduepunti0 : = -8.8351584222281E+16
v=v_elettrone : = 19728813.486744
x0= : -8.8236581931846E-13
y0= : -4.7015732622044E-13
*****
i=41239
k(41239)=0.99866165274188
kQ(41239)=0.99732509665714
r1= : 1.0034498582385E-12
rpunto1 : = 15505082.671422
rduepunti0 : = -1.0585793707961E+26
fil : = 493.72246431779
fipunto1 : = 1.2070415736307E+19
fi_gradi : = 28288.213456208
t1 : = 1.0810280981939E-14
tpunto1 : = 1.0046970254071
tduepunti0 : = -8.795848949964E+16
v=v_elettrone : = 19705294.742165
x0= : -8.8330066009005E-13
y0= : -4.7227383321945E-13
*****
i=41240
k(41240)=0.99866379414061
kQ(41240)=0.99732937372732
r1= : 1.0052682740742E-12
rpunto1 : = 15492681.689238
rduepunti0 : = -1.0573943000013E+26
fil : = 493.72387992038
fipunto1 : = 1.2026668587532E+19
fi_gradi : = 28288.294564262
t1 : = 1.0810281099769E-14
tpunto1 : = 1.0046867555457
tduepunti0 : = -8.7568006712415E+16
v=v_elettrone : = 19681852.95809
x0= : -8.8423243581071E-13
y0= : -4.7438867762534E-13
```

```
*****
i=41241
k(41241)=0.99866593141017
kQ(41241)=0.99733364255934
r1= : 1.0070852355389E-12
rpunto1 : = 15480294.687392
rduepunti0 : = -1.0562022387659E+26
fil : = 493.72529039236
fipunto1 : = 1.1983193638733E+19
fi_gradi : = 28288.375378353
t1 : = 1.0810281217597E-14
tpunto1 : = 1.004676531176
tduepunti0 : = -8.7180113355108E+16
v=v_elettrone : = 19658487.707487
x0= : -8.8516115996943E-13
y0= : -4.7650186121534E-13
*****
i=41242
k(41242)=0.99866806454259
kQ(41242)=0.99733790313723
r1= : 1.0089007442722E-12
rpunto1 : = 15467921.745773
rduepunti0 : = -1.0550033657257E+26
fil : = 493.72669576565
fipunto1 : = 1.1939988571403E+19
fi_gradi : = 28288.455900311
t1 : = 1.0810281335424E-14
tpunto1 : = 1.0046663519967
tduepunti0 : = -8.6794787154118E+16
v=v_elettrone : = 19635198.567338
x0= : -8.8608684596606E-13
y0= : -4.7861338577853E-13
*****
i=41243
k(41243)=0.99867019353031
kQ(41243)=0.99734215544587
r1= : 1.0107148019231E-12
rpunto1 : = 15455562.942211
rduepunti0 : = -1.0537978563248E+26
fil : = 493.72809607191
fipunto1 : = 1.189705109169E+19
fi_gradi : = 28288.53613195
t1 : = 1.081028145325E-14
tpunto1 : = 1.0046562177096
tduepunti0 : = -8.6412006065049E+16
v=v_elettrone : = 19611985.116715
x0= : -8.8700950711195E-13
y0= : -4.8072325311566E-13
*****
i=41244
k(41244)=0.99867231836616
kQ(41244)=0.99734639947084
r1= : 1.0125274101497E-12
rpunto1 : = 15443218.352514
rduepunti0 : = -1.0525858828729E+26
fil : = 493.72949134251
fipunto1 : = 1.1854378930088E+19
fi_gradi : = 28288.616075067
t1 : = 1.0810281571075E-14
tpunto1 : = 1.0046461280185
tduepunti0 : = -8.6031748270059E+16
v=v_elettrone : = 19588846.938137
x0= : -8.8792915663082E-13
y0= : -4.828314650387E-13
```

```
*****
i=41245
k(41245)=0.99867443904334
kQ(41245)=0.99735063519853
r1= : 1.0143385706189E-12
rpunto1: = 15430888.050509
rduepunti0 : = -1.0513676146016E+26
fil : = 493.73088160858
fipunto1 : = 1.1811969841129E+19
fi_gradi : = 28288.695731445
t1 : = 1.0810281688899E-14
tpunto1 : = 1.0046360826303
tduepunti0 : = -8.5653992175232E+16
v=v_elettrone : = 19565783.617749
x0= : -8.8884580765951E-13
y0= : -4.8493802337061E-13
*****
i=41246
k(41246)=0.99867655555541
kQ(41246)=0.99735486261602
r1= : 1.0161482850064E-12
rpunto1: = 15418572.108071
rduepunti0 : = -1.0501432177194E+26
fil : = 493.73226690097
fipunto1 : = 1.1769821603083E+19
fi_gradi : = 28288.775102852
t1 : = 1.0810281806721E-14
tpunto1 : = 1.0046260812538
tduepunti0 : = -8.5278716407989E+16
v=v_elettrone : = 19542794.744264
x0= : -8.8975947324865E-13
y0= : -4.8704292994514E-13
*****
i=41247
k(41247)=0.99867866789631
kQ(41247)=0.99735908171114
r1= : 1.0179565549963E-12
rpunto1: = 15406270.59516
rduepunti0 : = -1.0489128554662E+26
fil : = 493.73364725027
fipunto1 : = 1.1727932017666E+19
fi_gradi : = 28288.854191041
t1 : = 1.0810281924542E-14
tpunto1 : = 1.0046161236009
tduepunti0 : = -8.4905899814527E+16
v=v_elettrone : = 19519879.909143
x0= : -8.9067016636342E-13
y0= : -4.8914618660651E-13
*****
i=41248
k(41248)=0.99868077606031
kQ(41248)=0.99736329247242
r1= : 1.0197633822808E-12
rpunto1: = 15393983.579858
rduepunti0 : = -1.0476766881662E+26
fil : = 493.73502268681
fipunto1 : = 1.1686298909737E+19
fi_gradi : = 28288.93299775
t1 : = 1.0810282042362E-14
tpunto1 : = 1.0046062093854
tduepunti0 : = -8.4535521457293E+16
v=v_elettrone : = 19497038.707334
x0= : -8.9157789988437E-13
y0= : -4.9124779520905E-13
```



```
*****
i=41249
k(41249)=0.99868288004205
kQ(41249)=0.99736749488908
r1= : 1.0215687685602E-12
rpunto1 : = 15381711.128398
rduepunti0 : = -1.0464348732802E+26
fil : = 493.73639324068
fipunto1 : = 1.164492012702E+19
fi_gradi : = 28289.011524702
t1 : = 1.0810282160181E-14
tpunto1 : = 1.0045963383238
tduepunti0 : = -8.4167560612484E+16
v=v_elettrone : = 19474270.73684
x0= : -8.9248268660801E-13
y0= : -4.9334775761707E-13
*****
i=41250
k(41250)=0.99868497983649
kQ(41250)=0.99737168895102
r1= : 1.0233727155426E-12
rpunto1 : = 15369453.305202
rduepunti0 : = -1.0451875654567E+26
fil : = 493.73775894169
fipunto1 : = 1.1603793539816E+19
fi_gradi : = 28289.089773607
t1 : = 1.0810282277999E-14
tpunto1 : = 1.0045865101351
tduepunti0 : = -8.3801996767584E+16
v=v_elettrone : = 19451575.59796
x0= : -8.933845392476E-13
y0= : -4.9544607570456E-13
*****
i=41251
k(41251)=0.99868707543895
kQ(41251)=0.99737587464879
r1= : 1.0251752249434E-12
rpunto1 : = 15357210.172908
rduepunti0 : = -1.043934916582E+26
fil : = 493.73911981944
fipunto1 : = 1.1562917040719E+19
fi_gradi : = 28289.167746158
t1 : = 1.0810282395815E-14
tpunto1 : = 1.0045767245406
tduepunti0 : = -8.3438809618923E+16
v=v_elettrone : = 19428952.894949
x0= : -8.9428347043386E-13
y0= : -4.9754275135489E-13
*****
i=41252
k(41252)=0.99868916684503
kQ(41252)=0.99738005197363
r1= : 1.0269762984857E-12
rpunto1 : = 15344981.792406
rduepunti0 : = -1.0426770758297E+26
fil : = 493.74047590324
fipunto1 : = 1.1522288544347E+19
fi_gradi : = 28289.245444036
t1 : = 1.0810282513631E-14
tpunto1 : = 1.0045669812638
tduepunti0 : = -8.3077979069276E+16
v=v_elettrone : = 19406402.233757
x0= : -8.9517949271559E-13
y0= : -4.9963778646066E-13
```

```

*****
i=41253
k(41253)=0.99869125405071
kQ(41253)=0.99738422091737
r1= : 1.0287759378996E-12
rpunto1 : = 15332768.222867
rduepunti0 : = -1.0414141897086E+26
fil : = 493.74182722219
fipunto1 : = 1.1481905987063E+19
fi_gradi : = 28289.322868909
t1 : = 1.0810282631445E-14
tpunto1 : = 1.0045572800306
tduepunti0 : = -8.2719485225483E+16
v=v_elettrone : = 19383923.224282
x0= : -8.9607261856049E-13
y0= : -5.0173118292332E-13
*****
i=41254
k(41254)=0.99869333705222
kQ(41254)=0.9973883814725
r1= : 1.0305741449219E-12
rpunto1 : = 15320569.521776
rduepunti0 : = -1.0401464021105E+26
fil : = 493.74317380512
fipunto1 : = 1.1441767326709E+19
fi_gradi : = 28289.400022427
t1 : = 1.0810282749258E-14
tpunto1 : = 1.0045476205694
tduepunti0 : = -8.23633083961E+16
v=v_elettrone : = 19361515.47871
x0= : -8.9696286035572E-13
y0= : -5.0382294265308E-13
*****
i=41255
k(41255)=0.99869541584615
kQ(41255)=0.99739253363211
r1= : 1.0323709212965E-12
rpunto1 : = 15308385.744958
rduepunti0 : = -1.0388738543562E+26
fil : = 493.74451568064
fipunto1 : = 1.1401870542343E+19
fi_gradi : = 28289.476906231
t1 : = 1.081028286707E-14
tpunto1 : = 1.0045380026107
tduepunti0 : = -8.2009429089086E+16
v=v_elettrone : = 19339178.611644
x0= : -8.9785023040864E-13
y0= : -5.0591306756858E-13
*****
i=41256
k(41256)=0.99869749042936
kQ(41256)=0.9973966773899
r1= : 1.0341662687737E-12
rpunto1 : = 15296216.946613
rduepunti0 : = -1.0375966852419E+26
fil : = 493.74585287712
fipunto1 : = 1.1362213633976E+19
fi_gradi : = 28289.553521946
t1 : = 1.0810282984881E-14
tpunto1 : = 1.0045284258874
tduepunti0 : = -8.1657828009506E+16
v=v_elettrone : = 19316912.241777
x0= : -8.9873474094753E-13
y0= : -5.080015595966E-13

```

```
*****
i=41257
k(41257)=0.998699560799
kQ(41257)=0.99740081274012
r1= : 1.0359601891101E-12
rpunto1: = 15284063.179341
rduepunti0 : = -1.0363150310831E+26
fil : = 493.74718542268
fipunto1 : = 1.1322794622314E+19
fi_gradi : = 28289.629871183
t1 : = 1.0810283102691E-14
tpunto1 : = 1.0045188901344
tduepunti0 : = -8.1308486057274E+16
v=v_elettrone : = 19294715.989287
x0= : -8.9961640412212E-13
y0= : -5.1008842067203E-13
*****
i=41258
k(41258)=0.99870162695254
kQ(41258)=0.99740493967765
r1= : 1.0377526840686E-12
rpunto1: = 15271924.49417
rduepunti0 : = -1.0350290257591E+26
fil : = 493.74851334524
fipunto1 : = 1.1283611548505E+19
fi_gradi : = 28289.705955541
t1 : = 1.08102832205E-14
tpunto1 : = 1.004509395089
tduepunti0 : = -8.0961384324918E+16
v=v_elettrone : = 19272589.477802
x0= : -9.0049523200437E-13
y0= : -5.1217365273747E-13
*****
i=41259
k(41259)=0.9987036888877
kQ(41259)=0.9974090581979
r1= : 1.0395437554179E-12
rpunto1: = 15259800.940591
rduepunti0 : = -1.033738800756E+26
fil : = 493.74983667246
fipunto1 : = 1.1244662473891E+19
fi_gradi : = 28289.781776606
t1 : = 1.0810283338307E-14
tpunto1 : = 1.0044999404907
tduepunti0 : = -8.0616504095372E+16
v=v_elettrone : = 19250532.333317
x0= : -9.0137123658907E-13
y0= : -5.1425725774308E-13
*****
i=41260
k(41260)=0.99870574660249
kQ(41260)=0.99741316829684
r1= : 1.0413334049327E-12
rpunto1: = 15247692.566574
rduepunti0 : = -1.0324444852088E+26
fil : = 493.75115543178
fipunto1 : = 1.1205945479756E+19
fi_gradi : = 28289.857335949
t1 : = 1.0810283456114E-14
tpunto1 : = 1.0044905260812
tduepunti0 : = -8.0273826839796E+16
v=v_elettrone : = 19228544.18494
x0= : -9.0224442979449E-13
y0= : -5.1633923764634E-13
```

```
*****
i=41261
k(41261)=0.99870780009519
kQ(41261)=0.99741726997097
r1= : 1.0431216343933E-12
rpunto1: = 15235599.418608
rduepunti0 : = -1.0311462059433E+26
fil : = 493.75246965043
fipunto1 : = 1.1167458667088E+19
fi_gradi : = 28289.932635131
t1 : = 1.0810283573919E-14
tpunto1 : = 1.0044811516042
tduepunti0 : = -7.9933334215426E+16
v=v_elettrone : = 19206624.663798
x0= : -9.0311482346301E-13
y0= : -5.1841959441188E-13
*****
i=41262
k(41262)=0.99870984936434
kQ(41262)=0.99742136321734
r1= : 1.0449084455852E-12
rpunto1: = 15223521.541716
rduepunti0 : = -1.0298440875162E+26
fil : = 493.75377935539
fipunto1 : = 1.1129200156338E+19
fi_gradi : = 28290.007675697
t1 : = 1.0810283691723E-14
tpunto1 : = 1.0044718168057
tduepunti0 : = -7.9595008063446E+16
v=v_elettrone : = 19184773.404389
x0= : -9.0398242936178E-13
y0= : -5.204983300112E-13
*****
i=41263
k(41263)=0.99871189440874
kQ(41263)=0.9974254480335
r1= : 1.0466938402995E-12
rpunto1: = 15211458.979489
rduepunti0 : = -1.0285382522559E+26
fil : = 493.75508457344
fipunto1 : = 1.1091168087179E+19
fi_gradi : = 28290.082459183
t1 : = 1.0810283809526E-14
tpunto1 : = 1.0044625214336
tduepunti0 : = -7.9258830406889E+16
v=v_elettrone : = 19162990.043497
x0= : -9.0484725918332E-13
y0= : -5.2257544642255E-13
*****
i=41264
k(41264)=0.99871393522746
kQ(41264)=0.99742952441753
r1= : 1.0484778203323E-12
rpunto1: = 15199411.774109
rduepunti0 : = -1.0272288203011E+26
fil : = 493.75638533114
fipunto1 : = 1.1053360618278E+19
fi_gradi : = 28290.15698711
t1 : = 1.0810283927329E-14
tpunto1 : = 1.0044532652382
tduepunti0 : = -7.8924783448561E+16
v=v_elettrone : = 19141274.220608
x0= : -9.0570932454613E-13
y0= : -5.2465094563068E-13
```

```

*****
i=41265
k(41265)=0.9987159718198
kQ(41265)=0.99743359236797
r1= : 1.0502603874846E-12
rpunto1 : = 15187379.966374
rduepunti0 : = -1.0259159096394E+26
fil : = 493.75768165483
fipunto1 : = 1.1015775927065E+19
fi_gradi : = 28290.231260986
t1 : = 1.0810284045129E-14
tpunto1 : = 1.0044440479714
tduepunti0 : = -7.8592849568996E+16
v=v_elettrone : = 19119625.577439
x0= : -9.0656863699532E-13
y0= : -5.2672482962666E-13
*****
i=41266
k(41266)=0.99871800418531
kQ(41266)=0.99743765188389
r1= : 1.0520415435622E-12
rpunto1 : = 15175363.595723
rduepunti0 : = -1.0245996361455E+26
fil : = 493.75897357064
fipunto1 : = 1.0978412209504E+19
fi_gradi : = 28290.305282309
t1 : = 1.0810284162929E-14
tpunto1 : = 1.0044348693877
tduepunti0 : = -7.8263011324428E+16
v=v_elettrone : = 19098043.758966
x0= : -9.0742520800324E-13
y0= : -5.2879710040765E-13
*****
i=41267
k(41267)=0.99872003232378
kQ(41267)=0.99744170296481
r1= : 1.0538212903755E-12
rpunto1 : = 15163362.700259
rduepunti0 : = -1.0232801136176E+26
fil : = 493.76026110448
fipunto1 : = 1.094126767987E+19
fi_gradi : = 28290.379052564
t1 : = 1.0810284280728E-14
tpunto1 : = 1.0044257292433
tduepunti0 : = -7.7935251444799E+16
v=v_elettrone : = 19076528.412025
x0= : -9.0827904897003E-13
y0= : -5.308677599768E-13
*****
i=41268
k(41268)=0.99872205623522
kQ(41268)=0.99744574561071
r1= : 1.0555996297395E-12
rpunto1 : = 15151377.316777
rduepunti0 : = -1.0219574538146E+26
fil : = 493.76154428205
fipunto1 : = 1.090434057053E+19
fi_gradi : = 28290.452573224
t1 : = 1.0810284398526E-14
tpunto1 : = 1.0044166272963
tduepunti0 : = -7.7609552831778E+16
v=v_elettrone : = 19055079.186647
x0= : -9.0913017122424E-13
y0= : -5.3293681034293E-13

```

```
*****
i=41269
k(41269)=0.9987240759199
kQ(41269)=0.99744977982206
r1= : 1.0573765634734E-12
rpunto1 : = 15139407.480782
rduepunti0 : = -1.0206317664911E+26
fil : = 493.76282312887
fipunto1 : = 1.0867629131724E+19
fi_gradi : = 28290.525845749
t1 : = 1.0810284516323E-14
tpunto1 : = 1.0044075633071
tduepunti0 : = -7.7285898556816E+16
v=v_elettrone : = 19033695.734338
x0= : -9.099785860234E-13
y0= : -5.3500425352053E-13
*****
i=41270
k(41270)=0.99872609137828
kQ(41270)=0.99745380559974
r1= : 1.0591520934006E-12
rpunto1 : = 15127453.226517
rduepunti0 : = -1.019303159433E+26
fil : = 493.76409767021
fipunto1 : = 1.0831131631349E+19
fi_gradi : = 28290.598871588
t1 : = 1.0810284634118E-14
tpunto1 : = 1.0043985370379
tduepunti0 : = -7.6964271859219E+16
v=v_elettrone : = 19012377.710045
x0= : -9.1082430455467E-13
y0= : -5.3707009152933E-13
*****
i=41271
k(41271)=0.99872810261107
kQ(41271)=0.9974578229451
r1= : 1.0609262213484E-12
rpunto1 : = 15115514.586983
rduepunti0 : = -1.0179717384916E+26
fil : = 493.76536793118
fipunto1 : = 1.0794846354752E+19
fi_gradi : = 28290.671652181
t1 : = 1.0810284751913E-14
tpunto1 : = 1.0043895482528
tduepunti0 : = -7.664465614425E+16
v=v_elettrone : = 18991124.771036
x0= : -9.1166733793535E-13
y0= : -5.3913432639433E-13
*****
i=41272
k(41272)=0.99873010961916
kQ(41272)=0.99746183185989
r1= : 1.0626989491482E-12
rpunto1 : = 15103591.593962
rduepunti0 : = -1.0166376076176E+26
fil : = 493.76663393665
fipunto1 : = 1.0758771604515E+19
fi_gradi : = 28290.744188951
t1 : = 1.0810284869706E-14
tpunto1 : = 1.0043805967179
tduepunti0 : = -7.6327034981242E+16
v=v_elettrone : = 18969936.576388
x0= : -9.1250769721343E-13
y0= : -5.4119696014561E-13
```

```
*****
i=41273
k(41273)=0.99873211240367
kQ(41273)=0.9974658323463
r1= : 1.064470278635E-12
rpunto1 : = 15091684.278038
rduepunti0 : = -1.0153008688941E+26
fil : = 493.76789571133
fipunto1 : = 1.0722905700253E+19
fi_gradi : = 28290.816483315
t1 : = 1.0810284987499E-14
tpunto1 : = 1.0043716822011
tduepunti0 : = -7.6011392101753E+16
v=v_elettrone : = 18948812.788353
x0= : -9.1334539336825E-13
y0= : -5.4325799481801E-13
*****
i=41274
k(41274)=0.99873411096594
kQ(41274)=0.99746982440692
r1= : 1.0662402116473E-12
rpunto1 : = 15079792.668619
rduepunti0 : = -1.0139616225692E+26
fil : = 493.7691532797
fipunto1 : = 1.0687246978413E+19
fi_gradi : = 28290.888536675
t1 : = 1.081028510529E-14
tpunto1 : = 1.0043628044724
tduepunti0 : = -7.5697711397725E+16
v=v_elettrone : = 18927753.070901
x0= : -9.1418043731096E-13
y0= : -5.4531743245116E-13
*****
i=41275
k(41275)=0.99873610530748
kQ(41275)=0.99747380804475
r1= : 1.0680087500272E-12
rpunto1 : = 15067916.793961
rduepunti0 : = -1.0126199670882E+26
fil : = 493.77040666606
fipunto1 : = 1.0651793792067E+19
fi_gradi : = 28290.960350423
t1 : = 1.081028522308E-14
tpunto1 : = 1.0043539633036
tduepunti0 : = -7.5385976919679E+16
v=v_elettrone : = 18906757.091087
x0= : -9.1501283988517E-13
y0= : -5.4737527508911E-13
*****
i=41276
k(41276)=0.99873809543001
kQ(41276)=0.99747778326317
r1= : 1.06977589562E-12
rpunto1 : = 15056056.681184
rduepunti0 : = -1.0112759991245E+26
fil : = 493.77165589451
fipunto1 : = 1.061654451072E+19
fi_gradi : = 28291.031925942
t1 : = 1.081028534087E-14
tpunto1 : = 1.0043451584681
tduepunti0 : = -7.5076172874928E+16
v=v_elettrone : = 18885824.517908
x0= : -9.1584261186737E-13
y0= : -5.494315247804E-13
```

```
*****
i=41277
k(41277)=0.99874008133546
kQ(41277)=0.99748175006596
r1= : 1.0715416502743E-12
rpunto1 : = 15044212.356294
rduepunti0 : = -1.0099298136108E+26
fil : = 493.77290098898
fipunto1 : = 1.0581497520113E+19
fi_gradi : = 28291.1032646
t1 : = 1.0810285458658E-14
tpunto1 : = 1.0043363897415
tduepunti0 : = -7.4768283625807E+16
v=v_elettrone : = 18864955.022092
x0= : -9.166697639676E-13
y0= : -5.5148618357771E-13
*****
i=41278
k(41278)=0.99874206302592
kQ(41278)=0.99748570845727
r1= : 1.0733060158416E-12
rpunto1 : = 15032383.844206
rduepunti0 : = -1.0085815037693E+26
fil : = 493.77414197318
fipunto1 : = 1.0546651222033E+19
fi_gradi : = 28291.174367757
t1 : = 1.0810285576445E-14
tpunto1 : = 1.004327656901
tduepunti0 : = -7.4462293687932E+16
v=v_elettrone : = 18844148.27809
x0= : -9.1749430682997E-13
y0= : -5.5353925353773E-13
*****
i=41279
k(41279)=0.99874404050368
kQ(41279)=0.99748965844161
r1= : 1.0750689941765E-12
rpunto1 : = 15020571.16876
rduepunti0 : = -1.0072311611413E+26
fil : = 493.77537887066
fipunto1 : = 1.0512004034119E+19
fi_gradi : = 28291.245236762
t1 : = 1.0810285694232E-14
tpunto1 : = 1.0043189597256
tduepunti0 : = -7.4158187728478E+16
v=v_elettrone : = 18823403.96167
x0= : -9.183162510331E-13
y0= : -5.5559073672113E-13
*****
i=41280
k(41280)=0.9987460137712
kQ(41280)=0.99749360002387
r1= : 1.0768305871363E-12
rpunto1 : = 15008774.352742
rduepunti0 : = -1.0058788756161E+26
fil : = 493.77661170476
fipunto1 : = 1.0477554389677E+19
fi_gradi : = 28291.315872953
t1 : = 1.0810285812017E-14
tpunto1 : = 1.0043102979963
tduepunti0 : = -7.3855950564473E+16
v=v_elettrone : = 18802721.750646
x0= : -9.1913560709073E-13
y0= : -5.5764063519233E-13
```



```
*****
i=41281
k(41281)=0.99874798283114
kQ(41281)=0.99749753320927
r1= : 1.0785907965809E-12
rpunto1 : = 14996993.417902
rduepunti0 : = -1.0045247354602E+26
fil : = 493.77784049864
fipunto1 : = 1.04433007375E+19
fi_gradi : = 28291.386277656
t1 : = 1.0810285929801E-14
tpunto1 : = 1.0043016714955
tduepunti0 : = -7.3555567161126E+16
v=v_elettrone : = 18782101.325609
x0= : -9.1995238545224E-13
y0= : -5.5968895101927E-13
*****
i=41282
k(41282)=0.99874994768631
kQ(41282)=0.9975014580034
r1= : 1.0803496243729E-12
rpunto1 : = 14985228.384976
rduepunti0 : = -1.0031688273449E+26
fil : = 493.77906527531
fipunto1 : = 1.0409241541677E+19
fi_gradi : = 28291.45645219
t1 : = 1.0810286047584E-14
tpunto1 : = 1.0042930800076
tduepunti0 : = -7.3257022630159E+16
v=v_elettrone : = 18761542.369713
x0= : -9.2076659650316E-13
y0= : -5.6173568627337E-13
*****
i=41283
k(41283)=0.99875190833968
kQ(41283)=0.99750537441216
r1= : 1.0821070723771E-12
rpunto1 : = 14973479.273699
rduepunti0 : = -1.001811236374E+26
fil : = 493.78028605756
fipunto1 : = 1.037537528142E+19
fi_gradi : = 28291.52639786
t1 : = 1.0810286165366E-14
tpunto1 : = 1.0042845233187
tduepunti0 : = -7.2960302228171E+16
v=v_elettrone : = 18741044.567523
x0= : -9.2157825056562E-13
y0= : -5.6378084302943E-13
*****
i=41284
k(41284)=0.99875386479442
kQ(41284)=0.9975092824418
r1= : 1.083863142461E-12
rpunto1 : = 14961746.102828
rduepunti0 : = -1.000452046111E+26
fil : = 493.78150286801
fipunto1 : = 1.0341700450888E+19
fi_gradi : = 28291.596115964
t1 : = 1.0810286283148E-14
tpunto1 : = 1.0042760012165
tduepunti0 : = -7.2665391355018E+16
v=v_elettrone : = 18720607.606038
x0= : -9.2238735789896E-13
y0= : -5.6582442336538E-13
```

```
*****
i=41285
k(41285)=0.99875581705384
kQ(41285)=0.99751318209888
r1= : 1.0856178364939E-12
rpunto1 : = 14950028.890157
rduepunti0 : = -9.9909133860566E+25
fil : = 493.78271572913
fipunto1 : = 1.0308215559003E+19
fi_gradi : = 28291.665607787
t1 : = 1.0810286400928E-14
tpunto1 : = 1.0042675134906
tduepunti0 : = -7.2372275552213E+16
v=v_elettrone : = 18700231.17481
x0= : -9.2319392870017E-13
y0= : -5.6786642936216E-13
*****
i=41286
k(41286)=0.9987577651214
kQ(41286)=0.99751707339029
r1= : 1.0873711563474E-12
rpunto1 : = 14938327.652535
rduepunti0 : = -9.9772919442003E+25
fil : = 493.78392466318
fipunto1 : = 1.0274919129291E+19
fi_gradi : = 28291.734874606
t1 : = 1.0810286518707E-14
tpunto1 : = 1.0042590599321
tduepunti0 : = -7.2080940501349E+16
v=v_elettrone : = 18679914.965081
x0= : -9.2399797310438E-13
y0= : -5.6990686310365E-13
*****
i=41287
k(41287)=0.99875970900073
kQ(41287)=0.99752095632322
r1= : 1.089123103895E-12
rpunto1 : = 14926642.405884
rduepunti0 : = -9.9636569265416E+25
fil : = 493.78512969227
fipunto1 : = 1.0241809699698E+19
fi_gradi : = 28291.803917687
t1 : = 1.0810286636485E-14
tpunto1 : = 1.0042506403338
tduepunti0 : = -7.1791372022532E+16
v=v_elettrone : = 18659658.670508
x0= : -9.247995011854E-13
y0= : -5.7194572667647E-13
*****
i=41288
k(41288)=0.9987616486956
kQ(41288)=0.99752483090515
r1= : 1.0908736810122E-12
rpunto1 : = 14914973.165213
rduepunti0 : = -9.9500091097128E+25
fil : = 493.78633083833
fipunto1 : = 1.0208885822435E+19
fi_gradi : = 28291.872738287
t1 : = 1.0810286754262E-14
tpunto1 : = 1.0042422544902
tduepunti0 : = -7.1503556072847E+16
v=v_elettrone : = 18639461.986626
x0= : -9.2559852295617E-13
y0= : -5.7398302216991E-13
```

```
*****
i=41289
k(41289)=0.99876358420994
kQ(41289)=0.99752869714389
r1= : 1.0926228895761E-12
rpunto1 : = 14903319.944641
rduepunti0 : = -9.9363492562249E+25
fil : = 493.78752812312
fipunto1 : = 1.01761460638E+19
fi_gradi : = 28291.941337652
t1 : = 1.0810286872038E-14
tpunto1 : = 1.0042339021973
tduepunti0 : = -7.1217478744829E+16
v=v_elettrone : = 18619324.611576
x0= : -9.2639504836928E-13
y0= : -5.7601875167571E-13
*****
i=41290
k(41290)=0.99876551554781
kQ(41290)=0.99753255504749
r1= : 1.0943707314655E-12
rpunto1 : = 14891682.757404
rduepunti0 : = -9.9226781147106E+25
fil : = 493.78872156823
fipunto1 : = 1.0143589004027E+19
fi_gradi : = 28292.00971702
t1 : = 1.0810286989814E-14
tpunto1 : = 1.0042255832529
tduepunti0 : = -7.0933126264964E+16
v=v_elettrone : = 18599246.245239
x0= : -9.2718908731736E-13
y0= : -5.7805291728808E-13
*****
i=41291
k(41291)=0.99876744271343
kQ(41291)=0.99753640462433
r1= : 1.0961172085608E-12
rpunto1 : = 14880061.615881
rduepunti0 : = -9.9089964201628E+25
fil : = 493.78991119509
fipunto1 : = 1.0111213237113E+19
fi_gradi : = 28292.077877619
t1 : = 1.0810287107588E-14
tpunto1 : = 1.0042172974564
tduepunti0 : = -7.0650484992197E+16
v=v_elettrone : = 18579226.589015
x0= : -9.2798064963366E-13
y0= : -5.8008552110348E-13
*****
i=41292
k(41292)=0.99876936571114
kQ(41292)=0.99754024588303
r1= : 1.0978623227438E-12
rpunto1 : = 14868456.531599
rduepunti0 : = -9.8953048941687E+25
fil : = 493.79109702497
fipunto1 : = 1.0079017370668E+19
fi_gradi : = 28292.145820666
t1 : = 1.0810287225361E-14
tpunto1 : = 1.0042090446085
tduepunti0 : = -7.0369541416473E+16
v=v_elettrone : = 18559265.347485
x0= : -9.2876974509249E-13
y0= : -5.8211656522042E-13
```

```
*****
i=41293
k(41293)=0.99877128454542
kQ(41293)=0.9975440788325
r1= : 1.0996060758977E-12
rpunto1 : = 14856867.515261
rduepunti0 : = -9.8816042451396E+25
fil : = 493.79227907896
fipunto1 : = 1.0047000025753E+19
fi_gradi : = 28292.21354737
t1 : = 1.0810287343134E-14
tpunto1 : = 1.0042008245118
tduepunti0 : = -7.0090282157279E+16
v=v_elettrone : = 18539362.226611
x0= : -9.2955638340963E-13
y0= : -5.8414605173954E-13
*****
i=41294
k(41294)=0.99877319922088
kQ(41294)=0.99754790348191
r1= : 1.1013484699069E-12
rpunto1 : = 14845294.576748
rduepunti0 : = -9.8678951685371E+25
fil : = 493.79345737799
fipunto1 : = 1.0015159836727E+19
fi_gradi : = 28292.281058932
t1 : = 1.0810287460905E-14
tpunto1 : = 1.0041926369703
tduepunti0 : = -6.9812693962218E+16
v=v_elettrone : = 18519516.934125
x0= : -9.3034057424285E-13
y0= : -5.8617398276336E-13
*****
i=41295
k(41295)=0.99877510974226
kQ(41295)=0.99755171984067
r1= : 1.103089506657E-12
rpunto1 : = 14833737.725144
rduepunti0 : = -9.8541783470945E+25
fil : = 493.79463194285
fipunto1 : = 9.983495451094E+18
fi_gradi : = 28292.348356541
t1 : = 1.0810287578675E-14
tpunto1 : = 1.0041844817895
tduepunti0 : = -6.9536763705591E+16
v=v_elettrone : = 18499729.180572
x0= : -9.3112232719237E-13
y0= : -5.8820036039615E-13
*****
i=41296
k(41296)=0.99877701611444
kQ(41296)=0.99755552791846
r1= : 1.1048291880346E-12
rpunto1 : = 14822196.968745
rduepunti0 : = -9.8404544510349E+25
fil : = 493.79580279415
fipunto1 : = 9.9520055293513E+18
fi_gradi : = 28292.415441379
t1 : = 1.0810287696445E-14
tpunto1 : = 1.0041763587765
tduepunti0 : = -6.9262478387001E+16
v=v_elettrone : = 18479998.677167
x0= : -9.3190165180123E-13
y0= : -5.9022518674394E-13
```

```
*****
i=41297
k(41297)=0.9987789183424
kQ(41297)=0.99755932772521
r1= : 1.1065675159274E-12
rpunto1 : = 14810672.315079
rduepunti0 : = -9.8267241382852E+25
fil : = 493.79696995236
fipunto1 : = 9.9206887448414E+18
fi_gradi : = 28292.482314618
t1 : = 1.0810287814213E-14
tpunto1 : = 1.00416826774
tduepunti0 : = -6.8989825129973E+16
v=v_elettrone : = 18460325.138747
x0= : -9.3267855755589E-13
y0= : -5.922484639142E-13
*****
i=41298
k(41298)=0.99878081643125
kQ(41298)=0.99756311927107
r1= : 1.1083044922239E-12
rpunto1 : = 14799163.770911
rduepunti0 : = -9.8129880546856E+25
fil : = 493.79813343777
fipunto1 : = 9.889543783605E+18
fi_gradi : = 28292.548977422
t1 : = 1.0810287931981E-14
tpunto1 : = 1.00416020849
tduepunti0 : = -6.8718791180591E+16
v=v_elettrone : = 18440708.280973
x0= : -9.3345305388649E-13
y0= : -5.9427019401598E-13
*****
i=41299
k(41299)=0.99878271038621
kQ(41299)=0.99756690256643
r1= : 1.1100401188134E-12
rpunto1 : = 14787671.342268
rduepunti0 : = -9.7992468341971E+25
fil : = 493.79929327054
fipunto1 : = 9.8585693442359E+18
fi_gradi : = 28292.615430945
t1 : = 1.0810288049747E-14
tpunto1 : = 1.004152180838
tduepunti0 : = -6.8449363906148E+16
v=v_elettrone : = 18421147.821382
x0= : -9.3422515016741E-13
y0= : -5.9629037915966E-13
*****
i=41300
k(41300)=0.99878460021264
kQ(41300)=0.99757067762193
r1= : 1.1117743975858E-12
rpunto1 : = 14776195.034443
rduepunti0 : = -9.7855010991032E+25
fil : = 493.80044947067
fipunto1 : = 9.8277641377383E+18
fi_gradi : = 28292.681676333
t1 : = 1.0810288167513E-14
tpunto1 : = 1.0041441845972
tduepunti0 : = -6.8181530793821E+16
v=v_elettrone : = 18401643.480089
x0= : -9.349948557177E-13
y0= : -5.9830902145681E-13
```

```
*****
i=41301
k(41301)=0.99878648591598
kQ(41301)=0.9975744444484
r1= : 1.1135073304319E-12
rpunto1: = 14764734.852015
rduepunti0 : = -9.7717514602095E+25
fil : = 493.80160205801
fipunto1 : = 9.7971268873851E+18
fi_gradi : = 28292.747714723
t1 : = 1.0810288285278E-14
tpunto1 : = 1.0041362195819
tduepunti0 : = -6.791527944935E+16
v=v_elettrone : = 18382194.978602
x0= : -9.3576217980147E-13
y0= : -6.003261230202E-13
*****
i=41302
k(41302)=0.9987883675018
kQ(41302)=0.99757820305692
r1= : 1.1152389192427E-12
rpunto1: = 14753290.798859
rduepunti0 : = -9.7579985170393E+25
fil : = 493.80275105225
fipunto1 : = 9.766656328579E+18
fi_gradi : = 28292.813547243
t1 : = 1.0810288403042E-14
tpunto1 : = 1.0041282856082
tduepunti0 : = -6.7650597595746E+16
v=v_elettrone : = 18362802.040849
x0= : -9.3652713162832E-13
y0= : -6.0234168596362E-13
*****
i=41303
k(41303)=0.99879024497577
kQ(41303)=0.99758195345875
r1= : 1.1169691659099E-12
rpunto1: = 14741862.87816
rduepunti0 : = -9.7442428580255E+25
fil : = 493.80389647294
fipunto1 : = 9.7363512087146E+18
fi_gradi : = 28292.879175015
t1 : = 1.0810288520804E-14
tpunto1 : = 1.0041203824934
tduepunti0 : = -6.7387473072005E+16
v=v_elettrone : = 18343464.391658
x0= : -9.3728972035376E-13
y0= : -6.0435571240186E-13
*****
i=41304
k(41304)=0.99879211834365
kQ(41304)=0.99758569566539
r1= : 1.1186980723255E-12
rpunto1: = 14730451.092426
rduepunti0 : = -9.7304850606996E+25
fil : = 493.80503833949
fipunto1 : = 9.7062102870432E+18
fi_gradi : = 28292.944599149
t1 : = 1.0810288638566E-14
tpunto1 : = 1.0041125100563
tduepunti0 : = -6.712589383184E+16
v=v_elettrone : = 18324181.759074
x0= : -9.3804995507969E-13
y0= : -6.0636820445047E-13
```

```
*****
i=41305
k(41305)=0.99879398761132
kQ(41305)=0.99758942968852
r1= : 1.1204256403818E-12
rpunto1 : = 14719055.4435
rduepunti0 : = -9.7167256918768E+25
fil : = 493.80617667115
fipunto1 : = 9.6762323345384E+18
fi_gradi : = 28293.009820748
t1 : = 1.0810288756327E-14
tpunto1 : = 1.0041046681171
tduepunti0 : = -6.6865847942432E+16
v=v_elettrone : = 18304953.871547
x0= : -9.3880784485469E-13
y0= : -6.0837916422587E-13
*****
i=41306
k(41306)=0.99879585278476
kQ(41306)=0.99759315554004
r1= : 1.1221518719713E-12
rpunto1 : = 14707675.932572
rduepunti0 : = -9.7029653078383E+25
fil : = 493.80731148704
fipunto1 : = 9.6464161337641E+18
fi_gradi : = 28293.074840909
t1 : = 1.0810288874087E-14
tpunto1 : = 1.0040968564972
tduepunti0 : = -6.660732358319E+16
v=v_elettrone : = 18285780.460252
x0= : -9.3956339867459E-13
y0= : -6.1038859384505E-13
*****
i=41307
k(41307)=0.99879771387004
kQ(41307)=0.99759687323201
r1= : 1.1238767689867E-12
rpunto1 : = 14696312.560194
rduepunti0 : = -9.6892044545101E+25
fil : = 493.80844280611
fipunto1 : = 9.6167604787441E+18
fi_gradi : = 28293.139660718
t1 : = 1.0810288991847E-14
tpunto1 : = 1.0040890750196
tduepunti0 : = -6.6350309044534E+16
v=v_elettrone : = 18266661.258199
x0= : -9.4031662548274E-13
y0= : -6.1239649542558E-13
*****
i=41308
k(41308)=0.99879957087332
kQ(41308)=0.99760058277672
r1= : 1.1256003333205E-12
rpunto1 : = 14684965.326286
rduepunti0 : = -9.6754436676388E+25
fil : = 493.80957064722
fipunto1 : = 9.5872641748329E+18
fi_gradi : = 28293.204281253
t1 : = 1.0810289109605E-14
tpunto1 : = 1.0040813235087
tduepunti0 : = -6.6094792726683E+16
v=v_elettrone : = 18247595.999659
x0= : -9.4106753417048E-13
y0= : -6.1440287108557E-13
```

```
*****
i=41309
k(41309)=0.99880142380085
kQ(41309)=0.9976042841866
r1= : 1.1273225668656E-12
rpunto1 : = 14673634.230155
rduepunti0 : = -9.6616834729644E+25
fil : = 493.81069502903
fipunto1 : = 9.5579260385891E+18
fi_gradi : = 28293.268703585
t1 : = 1.0810289227362E-14
tpunto1 : = 1.00407360179
tduepunti0 : = -6.5840763138467E+16
v=v_elettrone : = 18228584.420884
x0= : -9.4181613357751E-13
y0= : -6.1640772294347E-13
*****
i=41310
k(41310)=0.99880327265899
kQ(41310)=0.9976079774743
r1= : 1.1290434715145E-12
rpunto1 : = 14662319.270501
rduepunti0 : = -9.6479243863896E+25
fil : = 493.81181597011
fipunto1 : = 9.5287448976495E+18
fi_gradi : = 28293.332928778
t1 : = 1.0810289345119E-14
tpunto1 : = 1.0040659096906
tduepunti0 : = -6.5588208896146E+16
v=v_elettrone : = 18209626.26017
x0= : -9.4256243249234E-13
y0= : -6.1841105311804E-13
*****
i=41311
k(41311)=0.99880511745416
kQ(41311)=0.99761166265262
r1= : 1.1307630491598E-12
rpunto1 : = 14651020.445431
rduepunti0 : = -9.6341669141464E+25
fil : = 493.81293348886
fipunto1 : = 9.4997195906055E+18
fi_gradi : = 28293.396957886
t1 : = 1.0810289462874E-14
tpunto1 : = 1.0040582470387
tduepunti0 : = -6.5337118722247E+16
v=v_elettrone : = 18190721.257284
x0= : -9.4330643965261E-13
y0= : -6.2041286372827E-13
*****
i=41312
k(41312)=0.99880695819289
kQ(41312)=0.99761533973453
r1= : 1.1324813016936E-12
rpunto1 : = 14639737.752469
rduepunti0 : = -9.6204115529606E+25
fil : = 493.81404760356
fipunto1 : = 9.4708489668807E+18
fi_gradi : = 28293.460791956
t1 : = 1.0810289580629E-14
tpunto1 : = 1.0040506136639
tduepunti0 : = -6.5087481444417E+16
v=v_elettrone : = 18171869.153855
x0= : -9.4404816374553E-13
y0= : -6.2241315689328E-13
```



```
*****
i=41313
k(41313)=0.99880879488177
kQ(41313)=0.99761900873318
r1= : 1.1341982310079E-12
rpunto1 : = 14628471.188567
rduepunti0 : = -9.6066587902114E+25
fil : = 493.81515833235
fipunto1 : = 9.4421318866102E+18
fi_gradi : = 28293.524432028
t1 : = 1.0810289698383E-14
tpunto1 : = 1.0040430093972
tduepunti0 : = -6.4839285994281E+16
v=v_elettrone : = 18153069.692793
x0= : -9.447876134082E-13
y0= : -6.2441193473227E-13
*****
i=41314
k(41314)=0.9988106275275
kQ(41314)=0.99762266966188
r1= : 1.1359138389944E-12
rpunto1 : = 14617220.750117
rduepunti0 : = -9.5929091040907E+25
fil : = 493.81626569324
fipunto1 : = 9.4135672205213E+18
fi_gradi : = 28293.587879134
t1 : = 1.0810289816135E-14
tpunto1 : = 1.0040354340707
tduepunti0 : = -6.4592521406327E+16
v=v_elettrone : = 18134322.619658
x0= : -9.4552479722812E-13
y0= : -6.2640919936434E-13
*****
i=41315
k(41315)=0.99881245613683
kQ(41315)=0.99762632253408
r1= : 1.1376281275441E-12
rpunto1 : = 14605986.432961
rduepunti0 : = -9.5791629637575E+25
fil : = 493.81736970411
fipunto1 : = 9.3851538498164E+18
fi_gradi : = 28293.651134297
t1 : = 1.0810289933887E-14
tpunto1 : = 1.0040278875178
tduepunti0 : = -6.4347176816793E+16
v=v_elettrone : = 18115627.680768
x0= : -9.4625972374339E-13
y0= : -6.2840495290857E-13
*****
i=41316
k(41316)=0.99881428071659
kQ(41316)=0.99762996736341
r1= : 1.1393410985478E-12
rpunto1 : = 14594768.2324
rduepunti0 : = -9.5654208294906E+25
fil : = 493.81847038269
fipunto1 : = 9.3568906660562E+18
fi_gradi : = 28293.714198534
t1 : = 1.0810290051638E-14
tpunto1 : = 1.0040203695734
tduepunti0 : = -6.4103241462571E+16
v=v_elettrone : = 18096984.624249
x0= : -9.4699240144323E-13
y0= : -6.3039919748382E-13
```

```
*****
i=41317
k(41317)=0.99881610127371
kQ(41317)=0.99763360416362
r1= : 1.1410527538955E-12
rpunto1 : = 14583566.143207
rduepunti0 : = -9.5516831528391E+25
fil : = 493.8195677466
fipunto1 : = 9.3287765710454E+18
fi_gradi : = 28293.777072855
t1 : = 1.0810290169389E-14
tpunto1 : = 1.0040128800734
tduepunti0 : = -6.3860704680128E+16
v=v_elettrone : = 18078393.200739
x0= : -9.4772283876834E-13
y0= : -6.3239193520864E-13
*****
i=41318
k(41318)=0.99881791781518
kQ(41318)=0.99763723294864
r1= : 1.1427630954769E-12
rpunto1 : = 14572380.159635
rduepunti0 : = -9.5379503767689E+25
fil : = 493.82066181332
fipunto1 : = 9.3008104767198E+18
fi_gradi : = 28293.839758261
t1 : = 1.0810290287138E-14
tpunto1 : = 1.0040054188551
tduepunti0 : = -6.3619555904434E+16
v=v_elettrone : = 18059853.161511
x0= : -9.4845104411111E-13
y0= : -6.3438316820133E-13
*****
i=41319
k(41319)=0.99881973034803
kQ(41319)=0.99764085373252
r1= : 1.1444721251808E-12
rpunto1 : = 14561210.275426
rduepunti0 : = -9.5242229358079E+25
fil : = 493.82175260022
fipunto1 : = 9.272991305034E+18
fi_gradi : = 28293.902255746
t1 : = 1.0810290404886E-14
tpunto1 : = 1.0039979857567
tduepunti0 : = -6.3379784667906E+16
v=v_elettrone : = 18041364.259828
x0= : -9.4917702581618E-13
y0= : -6.3637289857974E-13
*****
i=41320
k(41320)=0.99882153887942
kQ(41320)=0.99764446652945
r1= : 1.1461798448952E-12
rpunto1 : = 14550056.483823
rduepunti0 : = -9.5105012561881E+25
fil : = 493.82284012453
fipunto1 : = 9.2453179878515E+18
fi_gradi : = 28293.964566299
t1 : = 1.0810290522634E-14
tpunto1 : = 1.0039905806181
tduepunti0 : = -6.3141380599366E+16
v=v_elettrone : = 18022926.251013
x0= : -9.4990079218071E-13
y0= : -6.3836112846124E-13
```

```
*****
i=41321
k(41321)=0.99882334341652
kQ(41321)=0.99764807135375
r1= : 1.1478862565075E-12
rpunto1: = 14538918.77758
rduepunti0 : = -9.4967857559854E+25
fil : = 493.82392440334
fipunto1 : = 9.2177894668356E+18
fi_gradi : = 28294.026690899
t1 : = 1.0810290640381E-14
tpunto1 : = 1.0039832032801
tduepunti0 : = -6.2904333423005E+16
v=v_elettrone : = 18004538.890867
x0= : -9.5062235145469E-13
y0= : -6.4034785996268E-13
*****
i=41322
k(41322)=0.9988251439666
kQ(41322)=0.99765166821989
r1= : 1.1495913619042E-12
rpunto1: = 14527797.148968
rduepunti0 : = -9.4830768452568E+25
fil : = 493.82500545364
fipunto1 : = 9.1904046933419E+18
fi_gradi : = 28294.088630519
t1 : = 1.0810290758127E-14
tpunto1 : = 1.0039758535847
tduepunti0 : = -6.2668632957371E+16
v=v_elettrone : = 17986201.938359
x0= : -9.5134171184146E-13
y0= : -6.423330952002E-13
*****
i=41323
k(41323)=0.99882694053698
kQ(41323)=0.99765525714246
r1= : 1.1512951629709E-12
rpunto1: = 14516691.589788
rduepunti0 : = -9.4693749261755E+25
fil : = 493.8260832923
fipunto1 : = 9.1631626283124E+18
fi_gradi : = 28294.150386125
t1 : = 1.0810290875872E-14
tpunto1 : = 1.0039685313752
tduepunti0 : = -6.2434269114355E+16
v=v_elettrone : = 17967915.152397
x0= : -9.5205888149782E-13
y0= : -6.4431683628938E-13
*****
i=41324
k(41324)=0.99882873313504
kQ(41324)=0.99765883813616
r1= : 1.152997661592E-12
rpunto1: = 14505602.091378
rduepunti0 : = -9.4556803931634E+25
fil : = 493.82715793604
fipunto1 : = 9.1360622421702E+18
fi_gradi : = 28294.211958675
t1 : = 1.0810290993616E-14
tpunto1 : = 1.003961236496
tduepunti0 : = -6.2201231898201E+16
v=v_elettrone : = 17949678.295178
x0= : -9.5277386853462E-13
y0= : -6.4629908534491E-13
```

```
*****
i=41325
k(41325)=0.99883052176824
kQ(41325)=0.99766241121582
r1= : 1.1546988596513E-12
rpunto1 : = 14494528.64462
rduepunti0 : = -9.4419936330214E+25
fil : = 493.82822940148
fipunto1 : = 9.1091025147164E+18
fi_gradi : = 28294.273349123
t1 : = 1.0810291111359E-14
tpunto1 : = 1.0039539687927
tduepunti0 : = -6.196951140452E+16
v=v_elettrone : = 17931491.12863
x0= : -9.5348668101687E-13
y0= : -6.4827984448081E-13
*****
i=41326
k(41326)=0.99883230644407
kQ(41326)=0.99766597639639
r1= : 1.1563987590312E-12
rpunto1 : = 14483471.239956
rduepunti0 : = -9.4283150250576E+25
fil : = 493.82929770512
fipunto1 : = 9.0822824350276E+18
fi_gradi : = 28294.334558413
t1 : = 1.0810291229101E-14
tpunto1 : = 1.003946728112
tduepunti0 : = -6.1739097819321E+16
v=v_elettrone : = 17913353.417751
x0= : -9.5419732696432E-13
y0= : -6.5025911581007E-13
*****
i=41327
k(41327)=0.9988340871701
kQ(41327)=0.99766953369293
r1= : 1.1580973616131E-12
rpunto1 : = 14472429.867387
rduepunti0 : = -9.414644941213E+25
fil : = 493.83036286334
fipunto1 : = 9.0556010013552E+18
fi_gradi : = 28294.395587483
t1 : = 1.0810291346843E-14
tpunto1 : = 1.0039395143017
tduepunti0 : = -6.150998141805E+16
v=v_elettrone : = 17895264.928372
x0= : -9.549058143516E-13
y0= : -6.5223690144483E-13
*****
i=41328
k(41328)=0.99883586395394
kQ(41328)=0.99767308312062
r1= : 1.1597946692773E-12
rpunto1 : = 14461404.516489
rduepunti0 : = -9.4009837461855E+25
fil : = 493.83142489239
fipunto1 : = 9.0290572210258E+18
fi_gradi : = 28294.456437266
t1 : = 1.0810291464584E-14
tpunto1 : = 1.0039323272109
tduepunti0 : = -6.1282152564641E+16
v=v_elettrone : = 17877225.427539
x0= : -9.5561215110864E-13
y0= : -6.5421320349619E-13
```

```
*****
i=41329
k(41329)=0.99883763680326
kQ(41329)=0.99767662469473
r1= : 1.1614906839027E-12
rpunto1 : = 14450395.176418
rduepunti0 : = -9.3873317975509E+25
fil : = 493.83248380842
fipunto1 : = 9.0026501103425E+18
fi_gradi : = 28294.517108685
t1 : = 1.0810291582323E-14
tpunto1 : = 1.0039251666897
tduepunti0 : = -6.1055601710579E+16
v=v_elettrone : = 17859234.684549
x0= : -9.5631634512104E-13
y0= : -6.5618802407415E-13
*****
i=41330
k(41330)=0.99883940572579
kQ(41330)=0.99768015843065
r1= : 1.1631854073671E-12
rpunto1 : = 14439401.835919
rduepunti0 : = -9.373689445883E+25
fil : = 493.83353962746
fipunto1 : = 8.9763786944881E+18
fi_gradi : = 28294.57760266
t1 : = 1.0810291700063E-14
tpunto1 : = 1.0039180325894
tduepunti0 : = -6.0830319393977E+16
v=v_elettrone : = 17841292.470039
x0= : -9.5701840423033E-13
y0= : -6.581613652876E-13
*****
i=41331
k(41331)=0.99884117072929
kQ(41331)=0.99768368434387
r1= : 1.1648788415469E-12
rpunto1 : = 14428424.483333
rduepunti0 : = -9.3600570348706E+25
fil : = 493.83459236543
fipunto1 : = 8.9502420074288E+18
fi_gradi : = 28294.637920102
t1 : = 1.0810291817801E-14
tpunto1 : = 1.0039109247621
tduepunti0 : = -6.0606296238655E+16
v=v_elettrone : = 17823398.555344
x0= : -9.5771833623427E-13
y0= : -6.6013322924431E-13
*****
i=41332
k(41332)=0.99884293182159
kQ(41332)=0.99768720244996
r1= : 1.1665709883172E-12
rpunto1 : = 14417463.106608
rduepunti0 : = -9.346434901433E+25
fil : = 493.83564203811
fipunto1 : = 8.9242390918198E+18
fi_gradi : = 28294.698061917
t1 : = 1.0810291935538E-14
tpunto1 : = 1.0039038430615
tduepunti0 : = -6.0383522953243E+16
v=v_elettrone : = 17805552.714571
x0= : -9.584161488873E-13
y0= : -6.6210361805066E-13
```

```
*****
i=41333
k(41333)=0.99884468901056
kQ(41333)=0.99769071276461
r1= : 1.1682618495515E-12
rpunto1 : = 14406517.693302
rduepunti0 : = -9.3328233758338E+25
fil : = 493.83668866121
fipunto1 : = 8.8983689989114E+18
fi_gradi : = 28294.758029004
t1 : = 1.0810292053275E-14
tpunto1 : = 1.0038967873419
tduepunti0 : = -6.0161990330281E+16
v=v_elettrone : = 17787754.721973
x0= : -9.5911184990071E-13
y0= : -6.640725338119E-13
*****
i=41334
k(41334)=0.99884644230411
kQ(41334)=0.99769421530358
r1= : 1.169951427122E-12
rpunto1 : = 14395588.230595
rduepunti0 : = -9.3192227817915E+25
fil : = 493.8377322503
fipunto1 : = 8.8726307884569E+18
fi_gradi : = 28294.817822254
t1 : = 1.081029217101E-14
tpunto1 : = 1.0038897574589
tduepunti0 : = -5.9941689245341E+16
v=v_elettrone : = 17770004.35401
x0= : -9.5980544694309E-13
y0= : -6.6603997863178E-13
*****
i=41335
k(41335)=0.99884819171021
kQ(41335)=0.99769771008275
r1= : 1.1716397228994E-12
rpunto1 : = 14384674.705294
rduepunti0 : = -9.3056334365903E+25
fil : = 493.83877282085
fipunto1 : = 8.847023528621E+18
fi_gradi : = 28294.877442555
t1 : = 1.0810292288745E-14
tpunto1 : = 1.0038827532691
tduepunti0 : = -5.9722610656149E+16
v=v_elettrone : = 17752301.388733
x0= : -9.6049694764056E-13
y0= : -6.6800595461269E-13
*****
i=41336
k(41336)=0.99884993723685
kQ(41336)=0.99770119711805
r1= : 1.1733267387529E-12
rpunto1 : = 14373777.103843
rduepunti0 : = -9.2920556511866E+25
fil : = 493.83981038821
fipunto1 : = 8.8215462958902E+18
fi_gradi : = 28294.936890785
t1 : = 1.0810292406479E-14
tpunto1 : = 1.0038757746303
tduepunti0 : = -5.9504745601729E+16
v=v_elettrone : = 17734645.605161
x0= : -9.6118635957706E-13
y0= : -6.6997046385559E-13
```

```
*****
i=41337
k(41337)=0.99885167889208
kQ(41337)=0.99770467642553
r1= : 1.1750124765499E-12
rpunto1 : = 14362895.412326
rduepunti0 : = -9.2784897303158E+25
fil : = 493.84084496763
fipunto1 : = 8.7961981749829E+18
fi_gradi : = 28294.99616782
t1 : = 1.0810292524212E-14
tpunto1 : = 1.0038688214012
tduepunti0 : = -5.9288085201547E+16
v=v_elettrone : = 17717036.783679
x0= : -9.6187369029474E-13
y0= : -6.7193350845991E-13
*****
i=41338
k(41338)=0.99885341668399
kQ(41338)=0.99770814802128
r1= : 1.1766969381563E-12
rpunto1 : = 14352029.616479
rduepunti0 : = -9.2649359725959E+25
fil : = 493.84187657426
fipunto1 : = 8.7709782587626E+18
fi_gradi : = 28295.055274526
t1 : = 1.0810292641945E-14
tpunto1 : = 1.0038618934414
tduepunti0 : = -5.9072620654669E+16
v=v_elettrone : = 17699474.706404
x0= : -9.6255894729423E-13
y0= : -6.7389509052349E-13
*****
i=41339
k(41339)=0.99885515062071
kQ(41339)=0.99771161192151
r1= : 1.1783801254364E-12
rpunto1 : = 14341179.701695
rduepunti0 : = -9.2513946706297E+25
fil : = 493.84290522313
fipunto1 : = 8.7458856481502E+18
fi_gradi : = 28295.114211764
t1 : = 1.0810292759677E-14
tpunto1 : = 1.0038549906118
tduepunti0 : = -5.8858343238931E+16
v=v_elettrone : = 17681959.156585
x0= : -9.6324213803493E-13
y0= : -6.7585521214254E-13
*****
i=41340
k(41340)=0.99885688071039
kQ(41340)=0.99771506814249
r1= : 1.1800620402526E-12
rpunto1 : = 14330345.653028
rduepunti0 : = -9.2378661111059E+25
fil : = 493.84393092917
fipunto1 : = 8.7209194520386E+18
fi_gradi : = 28295.172980392
t1 : = 1.0810292877407E-14
tpunto1 : = 1.0038481127742
tduepunti0 : = -5.8645244310113E+16
v=v_elettrone : = 17664489.919301
x0= : -9.6392326993535E-13
y0= : -6.7781387541163E-13
```

```
*****
i=41341
k(41341)=0.99885860696124
kQ(41341)=0.99771851670056
r1= : 1.1817426844658E-12
rpunto1: = 14319527.455205
rduepunti0 : = -9.2243505748974E+25
fil : = 493.84495370721
fipunto1 : = 8.6960787872079E+18
fi_gradi : = 28295.231581257
t1 : = 1.0810292995137E-14
tpunto1 : = 1.0038412597913
tduepunti0 : = -5.8433315301132E+16
v=v_elettrone : = 17647066.780531
x0= : -9.6460235037331E-13
y0= : -6.7977108242365E-13
*****
i=41342
k(41342)=0.9988603293815
kQ(41342)=0.99772195761212
r1= : 1.1834220599349E-12
rpunto1: = 14308725.092631
rduepunti0 : = -9.2108483371586E+25
fil : = 493.84597357196
fipunto1 : = 8.6713627782419E+18
fi_gradi : = 28295.290015203
t1 : = 1.0810293112866E-14
tpunto1 : = 1.003834431527
tduepunti0 : = -5.8222547721231E+16
v=v_elettrone : = 17629689.527843
x0= : -9.6527938668635E-13
y0= : -6.8172683526968E-13
*****
i=41343
k(41343)=0.99886204797943
kQ(41343)=0.99772539089367
r1= : 1.185100168517E-12
rpunto1: = 14297938.549392
rduepunti0 : = -9.1973596674212E+25
fil : = 493.84699053806
fipunto1 : = 8.6467705574453E+18
fi_gradi : = 28295.348283068
t1 : = 1.0810293230595E-14
tpunto1 : = 1.003827627846
tduepunti0 : = -5.8012933155191E+16
v=v_elettrone : = 17612357.94979
x0= : -9.6595438617194E-13
y0= : -6.8368113603905E-13
*****
i=41344
k(41344)=0.99886376276334
kQ(41344)=0.99772881656175
r1= : 1.1867770120674E-12
rpunto1: = 14287167.809266
rduepunti0 : = -9.1838848296877E+25
fil : = 493.84800462001
fipunto1 : = 8.6223012647622E+18
fi_gradi : = 28295.406385684
t1 : = 1.0810293348322E-14
tpunto1 : = 1.0038208486141
tduepunti0 : = -5.7804463262547E+16
v=v_elettrone : = 17595071.836959
x0= : -9.6662735608784E-13
y0= : -6.8563398681918E-13
```



```
*****
i=41345
k(41345)=0.99886547374157
kQ(41345)=0.99773223463297
r1= : 1.1884525924395E-12
rpunto1 : = 14276412.855729
rduepunti0 : = -9.170424082524E+25
fil : = 493.84901583224
fipunto1 : = 8.5979540476953E+18
fi_gradi : = 28295.464323877
t1 : = 1.0810293466049E-14
tpunto1 : = 1.003814093698
tduepunti0 : = -5.7597129776808E+16
v=v_elettrone : = 17577830.980331
x0= : -9.6729830365233E-13
y0= : -6.8758538969563E-13
*****
i=41346
k(41346)=0.99886718092248
kQ(41346)=0.99773564512402
r1= : 1.1901269114846E-12
rpunto1 : = 14265673.671959
rduepunti0 : = -9.15697767915E+25
fil : = 493.85002418905
fipunto1 : = 8.5737280612264E+18
fi_gradi : = 28295.522098466
t1 : = 1.0810293583775E-14
tpunto1 : = 1.0038073629653
tduepunti0 : = -5.7390924504692E+16
v=v_elettrone : = 17560635.173353
x0= : -9.6796723604452E-13
y0= : -6.8953534675199E-13
*****
i=41347
k(41347)=0.99886888431446
kQ(41347)=0.99773904805162
r1= : 1.1917999710524E-12
rpunto1 : = 14254950.240841
rduepunti0 : = -9.1435458675289E+25
fil : = 493.85102970468
fipunto1 : = 8.5496224677378E+18
fi_gradi : = 28295.579710268
t1 : = 1.08102937015E-14
tpunto1 : = 1.0038006562848
tduepunti0 : = -5.7185839325373E+16
v=v_elettrone : = 17543484.209618
x0= : -9.6863416040462E-13
y0= : -6.9148386006993E-13
*****
i=41348
k(41348)=0.99887058392595
kQ(41348)=0.99774244343257
r1= : 1.1934717729901E-12
rpunto1 : = 14244242.544979
rduepunti0 : = -9.1301288904549E+25
fil : = 493.85203239323
fipunto1 : = 8.5256364369343E+18
fi_gradi : = 28295.63716009
t1 : = 1.0810293819225E-14
tpunto1 : = 1.003793973526
tduepunti0 : = -5.6981866189727E+16
v=v_elettrone : = 17526377.884942
x0= : -9.6929908383422E-13
y0= : -6.9343093172903E-13
```

```

*****
i=41349
k(41349)=0.99887227976539
kQ(41349)=0.99774583128371
r1= : 1.1951423191433E-12
rpunto1: = 14233550.566695
rduepunti0 : = -9.1167269856393E+25
fil : = 493.85303226873
fipunto1 : = 8.5017691457668E+18
fi_gradi : = 28295.694448736
t1 : = 1.0810293936949E-14
tpunto1 : = 1.0037873145594
tduepunti0 : = -5.6778997119594E+16
v=v_elettrone : = 17509315.995375
x0= : -9.6996201339659E-13
y0= : -6.9537656380687E-13
*****
i=41350
k(41350)=0.99887397184127
kQ(41350)=0.99774921162195
r1= : 1.1968116113552E-12
rpunto1: = 14222874.288041
rduepunti0 : = -9.1033403857956E+25
fil : = 493.85402934511
fipunto1 : = 8.4780197783561E+18
fi_gradi : = 28295.751577005
t1 : = 1.0810294054671E-14
tpunto1 : = 1.0037806792565
tduepunti0 : = -5.6577224207048E+16
v=v_elettrone : = 17492298.339943
x0= : -9.7062295611697E-13
y0= : -6.9732075837882E-13
*****
i=41351
k(41351)=0.99887566016208
kQ(41351)=0.99775258446423
r1= : 1.1984796514672E-12
rpunto1: = 14212213.6908
rduepunti0 : = -9.0899693187225E+25
fil : = 493.85502363619
fipunto1 : = 8.4543875259184E+18
fi_gradi : = 28295.808545687
t1 : = 1.0810294172394E-14
tpunto1 : = 1.0037740674896
tduepunti0 : = -5.6376539613673E+16
v=v_elettrone : = 17475324.716989
x0= : -9.712819189827E-13
y0= : -6.9926351751827E-13
*****
i=41352
k(41352)=0.99887734473636
kQ(41352)=0.99775594982755
r1= : 1.2001464413182E-12
rpunto1: = 14201568.756493
rduepunti0 : = -9.0766140073861E+25
fil : = 493.85601515571
fipunto1 : = 8.4308715866908E+18
fi_gradi : = 28295.865355571
t1 : = 1.0810294290115E-14
tpunto1 : = 1.003767479132
tduepunti0 : = -5.6176935569848E+16
v=v_elettrone : = 17458394.927241
x0= : -9.719389089437E-13
y0= : -7.012048432963E-13

```

```
*****
i=41353
k(41353)=0.99887902557265
kQ(41353)=0.99775930772897
r1= : 1.2018119827452E-12
rpunto1: = 14190939.466387
rduepunti0 : = -9.0632746700002E+25
fil : = 493.85700391731
fipunto1 : = 8.4074711658587E+18
fi_gradi : = 28295.922007438
t1 : = 1.0810294407835E-14
tpunto1 : = 1.0037609140579
tduepunti0 : = -5.5978404374043E+16
v=v_elettrone : = 17441508.772514
x0= : -9.7259393291263E-13
y0= : -7.0314473778178E-13
*****
i=41354
k(41354)=0.99888070267954
kQ(41354)=0.99776265818557
r1= : 1.203476277583E-12
rpunto1: = 14180325.801497
rduepunti0 : = -9.0499515201059E+25
fil : = 493.85798993455
fipunto1 : = 8.384185475483E+18
fi_gradi : = 28295.978502064
t1 : = 1.0810294525555E-14
tpunto1 : = 1.0037543721423
tduepunti0 : = -5.5780938392118E+16
v=v_elettrone : = 17424666.056079
x0= : -9.7324699776514E-13
y0= : -7.0508320304138E-13
*****
i=41355
k(41355)=0.99888237606562
kQ(41355)=0.99776600121449
r1= : 1.205139327664E-12
rpunto1: = 14169727.742594
rduepunti0 : = -9.0366447666492E+25
fil : = 493.85897322086
fipunto1 : = 8.3610137344292E+18
fi_gradi : = 28296.03484022
t1 : = 1.0810294643274E-14
tpunto1 : = 1.0037478532612
tduepunti0 : = -5.5584530056636E+16
v=v_elettrone : = 17407866.581692
x0= : -9.738981103401E-13
y0= : -7.0702024113948E-13
*****
i=41356
k(41356)=0.9988840457395
kQ(41356)=0.9977693368329
r1= : 1.2068011348185E-12
rpunto1: = 14159145.270208
rduepunti0 : = -9.0233546140577E+25
fil : = 493.85995378963
fipunto1 : = 8.3379551682967E+18
fi_gradi : = 28296.091022672
t1 : = 1.0810294760992E-14
tpunto1 : = 1.0037413572915
tduepunti0 : = -5.538917186618E+16
v=v_elettrone : = 17391110.155343
x0= : -9.7454727744E-13
y0= : -7.0895585413809E-13
```

```
*****
i=41357
k(41357)=0.99888571170982
kQ(41357)=0.99777266505803
r1= : 1.2084617008745E-12
rpunto1: = 14148578.364636
rduepunti0 : = -9.0100812623159E+25
fil : = 493.86093165412
fipunto1 : = 8.3150090093492E+18
fi_gradi : = 28296.14705018
t1 : = 1.081029487871E-14
tpunto1 : = 1.0037348841109
tduepunti0 : = -5.5194856384679E+16
v=v_elettrone : = 17374396.582891
x0= : -9.7519450583105E-13
y0= : -7.1089004409694E-13
*****
i=41358
k(41358)=0.99888737398523
kQ(41358)=0.99777598590711
r1= : 1.2101210276576E-12
rpunto1: = 14138027.005943
rduepunti0 : = -8.9968249070393E+25
fil : = 493.86190682751
fipunto1 : = 8.2921744964457E+18
fi_gradi : = 28296.202923499
t1 : = 1.0810294996427E-14
tpunto1 : = 1.0037284335979
tduepunti0 : = -5.500157624074E+16
v=v_elettrone : = 17357725.672844
x0= : -9.7583980224358E-13
y0= : -7.1282281307325E-13
*****
i=41359
k(41359)=0.99888903257441
kQ(41359)=0.99777929939745
r1= : 1.2117791169911E-12
rpunto1: = 14127491.173974
rduepunti0 : = -8.983585739547E+25
fil : = 493.8628793229
fipunto1 : = 8.2694508749728E+18
fi_gradi : = 28296.258643381
t1 : = 1.0810295114143E-14
tpunto1 : = 1.003722005632
tduepunti0 : = -5.4809324126993E+16
v=v_elettrone : = 17341097.233678
x0= : -9.7648317337216E-13
y0= : -7.147541631219E-13
*****
i=41360
k(41360)=0.99889068748605
kQ(41360)=0.99778260554636
r1= : 1.2134359706961E-12
rpunto1: = 14116970.848349
rduepunti0 : = -8.9703639469337E+25
fil : = 493.86384915329
fipunto1 : = 8.2468373967772E+18
fi_gradi : = 28296.314210569
t1 : = 1.0810295231858E-14
tpunto1 : = 1.0037156000934
tduepunti0 : = -5.4618092799438E+16
v=v_elettrone : = 17324511.075904
x0= : -9.7712462587598E-13
y0= : -7.1668409629525E-13
```

```
*****
i=41361
k(41361)=0.99889233872885
kQ(41361)=0.9977859043712
r1= : 1.215091590591E-12
rpunto1 : = 14106466.008479
rduepunti0 : = -8.9571597121397E+25
fil : = 493.86481633161
fipunto1 : = 8.2243333200994E+18
fi_gradi : = 28296.369625805
t1 : = 1.0810295349572E-14
tpunto1 : = 1.0037092168634
tduepunti0 : = -5.4427875076799E+16
v=v_elettrone : = 17307967.01109
x0= : -9.7776416637898E-13
y0= : -7.186126146432E-13
*****
i=41362
k(41362)=0.99889398631153
kQ(41362)=0.99778919588935
r1= : 1.216745978492E-12
rpunto1 : = 14095976.633562
rduepunti0 : = -8.9439732140203E+25
fil : = 493.86578087067
fipunto1 : = 8.2019379095082E+18
fi_gradi : = 28296.424889822
t1 : = 1.0810295467286E-14
tpunto1 : = 1.0037028558237
tduepunti0 : = -5.4238663839893E+16
v=v_elettrone : = 17291464.851565
x0= : -9.7840180147014E-13
y0= : -7.2053972021317E-13
*****
i=41363
k(41363)=0.99889563024283
kQ(41363)=0.99779248011822
r1= : 1.2183991362128E-12
rpunto1 : = 14085502.702591
rduepunti0 : = -8.9308046274139E+25
fil : = 493.86674278323
fipunto1 : = 8.1796504358358E+18
fi_gradi : = 28296.480003352
t1 : = 1.0810295584999E-14
tpunto1 : = 1.0036965168574
tduepunti0 : = -5.4050452030997E+16
v=v_elettrone : = 17275004.41079
x0= : -9.7903753770376E-13
y0= : -7.2246541504998E-13
*****
i=41364
k(41364)=0.99889727053149
kQ(41364)=0.99779575707527
r1= : 1.2200510655647E-12
rpunto1 : = 14075044.19436
rduepunti0 : = -8.9176541232089E+25
fil : = 493.86770208195
fipunto1 : = 8.1574701761139E+18
fi_gradi : = 28296.53496712
t1 : = 1.0810295702711E-14
tpunto1 : = 1.0036901998478
tduepunti0 : = -5.3863232653228E+16
v=v_elettrone : = 17258585.504077
x0= : -9.7967138159969E-13
y0= : -7.2438970119585E-13
```

```
*****
i=41365
k(41365)=0.99889890718628
kQ(41365)=0.99779902677795
r1= : 1.2217017683564E-12
rpunto1: = 14064601.087465
rduepunti0 : = -8.9045218684097E+25
fil : = 493.86865877939
fipunto1 : = 8.1353964135101E+18
fi_gradi : = 28296.589781846
t1 : = 1.0810295820423E-14
tpunto1 : = 1.0036839046795
tduepunti0 : = -5.3676998769929E+16
v=v_elettrone : = 17242207.946922
x0= : -9.8030333964352E-13
y0= : -7.2631258069046E-13
*****
i=41366
k(41366)=0.99890054021597
kQ(41366)=0.99780228924375
r1= : 1.2233512463941E-12
rpunto1: = 14054173.360313
rduepunti0 : = -8.891408026201E+25
fil : = 493.86961288805
fipunto1 : = 8.1134284372655E+18
fi_gradi : = 28296.644448245
t1 : = 1.0810295938133E-14
tpunto1 : = 1.0036776312378
tduepunti0 : = -5.3491743504058E+16
v=v_elettrone : = 17225871.556744
x0= : -9.809334182869E-13
y0= : -7.2823405557077E-13
*****
i=41367
k(41367)=0.99890216962934
kQ(41367)=0.99780554449019
r1= : 1.2249995014817E-12
rpunto1: = 14043760.991123
rduepunti0 : = -8.8783127560121E+25
fil : = 493.87056442034
fipunto1 : = 8.091565542633E+18
fi_gradi : = 28296.698967029
t1 : = 1.0810296055843E-14
tpunto1 : = 1.0036713794085
tduepunti0 : = -5.3307460037592E+16
v=v_elettrone : = 17209576.15156
x0= : -9.815616239477E-13
y0= : -7.3015412787113E-13
*****
i=41368
k(41368)=0.99890379543518
kQ(41368)=0.99780879253481
r1= : 1.2266465354202E-12
rpunto1: = 14033363.957931
rduepunti0 : = -8.8652362135791E+25
fil : = 493.87151338857
fipunto1 : = 8.0698070308161E+18
fi_gradi : = 28296.753338904
t1 : = 1.0810296173553E-14
tpunto1 : = 1.0036651490786
tduepunti0 : = -5.3124141610931E+16
v=v_elettrone : = 17193321.550695
x0= : -9.8218796301029E-13
y0= : -7.3207279962316E-13
```

```
*****
i=41369
k(41369)=0.99890541764231
kQ(41369)=0.99781203339516
r1= : 1.2282923500082E-12
rpunto1 : = 14022982.238595
rduepunti0 : = -8.8521785510063E+25
fil : = 493.87245980499
fipunto1 : = 8.0481522089087E+18
fi_gradi : = 28296.807564571
t1 : = 1.0810296291261E-14
tpunto1 : = 1.0036589401356
tduepunti0 : = -5.2941781522312E+16
v=v_elettrone : = 17177107.574834
x0= : -9.8281244182578E-13
y0= : -7.3399007285576E-13
*****
i=41370
k(41370)=0.99890703625953
kQ(41370)=0.9978152670888
r1= : 1.2299369470418E-12
rpunto1 : = 14012615.810798
rduepunti0 : = -8.8391399168272E+25
fil : = 493.87340368177
fipunto1 : = 8.0266003898351E+18
fi_gradi : = 28296.861644726
t1 : = 1.0810296408969E-14
tpunto1 : = 1.003652752468
tduepunti0 : = -5.2760373127226E+16
v=v_elettrone : = 17160934.044999
x0= : -9.8343506671219E-13
y0= : -7.3590594959514E-13
*****
i=41371
k(41371)=0.99890865129567
kQ(41371)=0.99781849363333
r1= : 1.2315803283142E-12
rpunto1 : = 14002264.652056
rduepunti0 : = -8.8261204560641E+25
fil : = 493.87434503098
fipunto1 : = 8.0051508922917E+18
fi_gradi : = 28296.915580063
t1 : = 1.0810296526676E-14
tpunto1 : = 1.0036465859649
tduepunti0 : = -5.2579909837846E+16
v=v_elettrone : = 17144800.784329
x0= : -9.8405584395477E-13
y0= : -7.3782043186465E-13
*****
i=41372
k(41372)=0.99891026275955
kQ(41372)=0.99782171304636
r1= : 1.2332224956163E-12
rpunto1 : = 13991928.739714
rduepunti0 : = -8.813120310286E+25
fil : = 493.87528386461
fipunto1 : = 7.9838030406879E+18
fi_gradi : = 28296.969371268
t1 : = 1.0810296644382E-14
tpunto1 : = 1.0036404405162
tduepunti0 : = -5.2400385122462E+16
v=v_elettrone : = 17128707.616034
x0= : -9.8467477980612E-13
y0= : -7.3973352168492E-13
```

```
*****
i=41373
k(41373)=0.99891187066002
kQ(41373)=0.9978249253455
r1= : 1.2348634507361E-12
rpunto1: = 13981608.050959
rduepunti0 : = -8.800139617667E+25
fil : = 493.8762201946
fipunto1 : = 7.9625561650891E+18
fi_gradi : = 28297.023019024
t1 : = 1.0810296762088E-14
tpunto1 : = 1.0036343160126
tduepunti0 : = -5.2221792504916E+16
v=v_elettrone : = 17112654.365153
x0= : -9.8529188048653E-13
y0= : -7.4164522107369E-13
*****
i=41374
k(41374)=0.99891347500591
kQ(41374)=0.99782813054838
r1= : 1.236503195459E-12
rpunto1: = 13971302.562818
rduepunti0 : = -8.7871785130425E+25
fil : = 493.87715403278
fipunto1 : = 7.9414096011599E+18
fi_gradi : = 28297.076524011
t1 : = 1.0810296879793E-14
tpunto1 : = 1.0036282123456
tduepunti0 : = -5.2044125564051E+16
v=v_elettrone : = 17096640.857555
x0= : -9.859071521841E-13
y0= : -7.4355553204592E-13
*****
i=41375
k(41375)=0.99891507580607
kQ(41375)=0.99783132867265
r1= : 1.2381417315677E-12
rpunto1: = 13961012.252165
rduepunti0 : = -8.7742371279651E+25
fil : = 493.87808539092
fipunto1 : = 7.9203626901073E+18
fi_gradi : = 28297.129886902
t1 : = 1.0810296997497E-14
tpunto1 : = 1.0036221294072
tduepunti0 : = -5.1867377933161E+16
v=v_elettrone : = 17080666.919968
x0= : -9.8652060105501E-13
y0= : -7.454644566137E-13
*****
i=41376
k(41376)=0.99891667306936
kQ(41376)=0.99783451973596
r1= : 1.2397790608422E-12
rpunto1: = 13950737.095721
rduepunti0 : = -8.7613155907591E+25
fil : = 493.87901428071
fipunto1 : = 7.8994147786256E+18
fi_gradi : = 28297.183108366
t1 : = 1.0810297115201E-14
tpunto1 : = 1.0036160670906
tduepunti0 : = -5.1691543299448E+16
v=v_elettrone : = 17064732.380018
x0= : -9.8713223322372E-13
y0= : -7.4737199678621E-13
```



```
*****
i=41377
k(41377)=0.99891826680463
kQ(41377)=0.99783770375597
r1= : 1.2414151850598E-12
rpunto1 : = 13940477.070064
rduepunti0 : = -8.748414026575E+25
fil : = 493.87994071375
fipunto1 : = 7.8785652188413E+18
fi_gradi : = 28297.236189069
t1 : = 1.0810297232903E-14
tpunto1 : = 1.0036100252892
tduepunti0 : = -5.1516615403489E+16
v=v_elettrone : = 17048837.06694
x0= : -9.8774205478327E-13
y0= : -7.4927815456967E-13
*****
i=41378
k(41378)=0.99891985702075
kQ(41378)=0.99784088075035
r1= : 1.243050105995E-12
rpunto1 : = 13930232.151625
rduepunti0 : = -8.7355325574419E+25
fil : = 493.88086470159
fipunto1 : = 7.8578133682588E+18
fi_gradi : = 28297.289129673
t1 : = 1.0810297350605E-14
tpunto1 : = 1.0036040038976
tduepunti0 : = -5.1342588038705E+16
v=v_elettrone : = 17032980.810586
x0= : -9.8835007179538E-13
y0= : -7.5118293196743E-13
*****
i=41379
k(41379)=0.99892144372657
kQ(41379)=0.99784405073678
r1= : 1.2446838254196E-12
rpunto1 : = 13920002.316698
rduepunti0 : = -8.7226713023201E+25
fil : = 493.88178625567
fipunto1 : = 7.8371585897067E+18
fi_gradi : = 28297.341930832
t1 : = 1.0810297468307E-14
tpunto1 : = 1.0035980028108
tduepunti0 : = -5.1169455050836E+16
v=v_elettrone : = 17017163.442135
x0= : -9.889562902907E-13
y0= : -7.5308633097985E-13
*****
i=41380
k(41380)=0.99892302693097
kQ(41380)=0.99784721373293
r1= : 1.2463163451024E-12
rpunto1 : = 13909787.54144
rduepunti0 : = -8.7098303771522E+25
fil : = 493.88270538739
fipunto1 : = 7.816600251285E+18
fi_gradi : = 28297.394593201
t1 : = 1.0810297586007E-14
tpunto1 : = 1.0035920219246
tduepunti0 : = -5.0997210337423E+16
v=v_elettrone : = 17001384.793096
x0= : -9.8956071626902E-13
y0= : -7.5498835360436E-13
```

```
*****
i=41381
k(41381)=0.99892460664281
kQ(41381)=0.9978503697565
r1= : 1.2479476668098E-12
rpunto1: = 13899587.801876
rduepunti0 : = -8.6970098949134E+25
fil : = 493.88362210806
fipunto1 : = 7.7961377263121E+18
fi_gradi : = 28297.447117426
t1 : = 1.0810297703707E-14
tpunto1 : = 1.0035860611356
tduepunti0 : = -5.0825847847299E+16
v=v_elettrone : = 16985644.69706
x0= : -9.9016335569958E-13
y0= : -7.5688900183532E-13
*****
i=41382
k(41382)=0.99892618287097
kQ(41382)=0.99785351882517
r1= : 1.2495777923051E-12
rpunto1: = 13889403.073902
rduepunti0 : = -8.6842099656614E+25
fil : = 493.8845364289
fipunto1 : = 7.7757703932738E+18
fi_gradi : = 28297.499504151
t1 : = 1.0810297821407E-14
tpunto1 : = 1.003580120341
tduepunti0 : = -5.0655361580078E+16
v=v_elettrone : = 16969942.987657
x0= : -9.9076421452107E-13
y0= : -7.5878827766415E-13
*****
i=41383
k(41383)=0.99892775562432
kQ(41383)=0.99785666095663
r1= : 1.2512067233487E-12
rpunto1: = 13879233.333288
rduepunti0 : = -8.6714306965852E+25
fil : = 493.88544836109
fipunto1 : = 7.7554976357712E+18
fi_gradi : = 28297.551754017
t1 : = 1.0810297939105E-14
tpunto1 : = 1.0035741994387
tduepunti0 : = -5.0485745585658E+16
v=v_elettrone : = 16954279.499634
x0= : -9.9136329864204E-13
y0= : -7.6068618307921E-13
*****
i=41384
k(41384)=0.99892932491172
kQ(41384)=0.99785979616858
r1= : 1.2528344616985E-12
rpunto1: = 13869078.555682
rduepunti0 : = -8.6586721920529E+25
fil : = 493.88635791572
fipunto1 : = 7.7353188424707E+18
fi_gradi : = 28297.603867658
t1 : = 1.0810298056803E-14
tpunto1 : = 1.0035682983274
tduepunti0 : = -5.0316993963723E+16
v=v_elettrone : = 16938654.069554
x0= : -9.9196061394102E-13
y0= : -7.6258272006574E-13
```

```
*****
i=41385
k(41385)=0.99893089074205
kQ(41385)=0.9978629244787
r1= : 1.2544610091092E-12
rpunto1: = 13858938.716611
rduerpunti0 : = -8.6459345536591E+25
fil : = 493.88726510381
fipunto1 : = 7.7152334070537E+18
fi_gradi : = 28297.655845707
t1 : = 1.08102981745E-14
tpunto1 : = 1.0035624169064
tduerpunti0 : = -5.0149100863255E+16
v=v_elettrone : = 16923066.534117
x0= : -9.9255616626667E-13
y0= : -7.6447789060602E-13
*****
i=41386
k(41386)=0.99893245312417
kQ(41386)=0.99786604590468
r1= : 1.2560863673329E-12
rpunto1: = 13848813.791488
rduerpunti0 : = -8.6332178802713E+25
fil : = 493.8881699363
fipunto1 : = 7.6952407281669E+18
fi_gradi : = 28297.70768879
t1 : = 1.0810298292197E-14
tpunto1 : = 1.0035565550756
tduerpunti0 : = -4.998206048205E+16
v=v_elettrone : = 16907516.731209
x0= : -9.9314996143806E-13
y0= : -7.663716966792E-13
*****
i=41387
k(41387)=0.99893401206697
kQ(41387)=0.99786916046421
r1= : 1.2577105381186E-12
rpunto1: = 13838703.755614
rduerpunti0 : = -8.6205222680757E+25
fil : = 493.88907242408
fipunto1 : = 7.675340209374E+18
fi_gradi : = 28297.759397531
t1 : = 1.0810298409893E-14
tpunto1 : = 1.0035507127358
tduerpunti0 : = -4.9815867066239E+16
v=v_elettrone : = 16892004.499595
x0= : -9.9374200524486E-13
y0= : -7.6826414026132E-13
*****
i=41388
k(41388)=0.9989355675793
kQ(41388)=0.99787226817498
r1= : 1.2593335232124E-12
rpunto1: = 13828608.584178
rduerpunti0 : = -8.607847810622E+25
fil : = 493.88997257795
fipunto1 : = 7.6555312591067E+18
fi_gradi : = 28297.810972548
t1 : = 1.0810298527588E-14
tpunto1 : = 1.0035448897883
tduerpunti0 : = -4.9650514909814E+16
v=v_elettrone : = 16876529.679293
x0= : -9.943323034475E-13
y0= : -7.701552233253E-13
```

```
*****
i=41389
k(41389)=0.99893711967003
kQ(41389)=0.99787536905466
r1= : 1.2609553243578E-12
rpunto1 : = 13818528.252263
rduepunti0 : = -8.5951945988676E+25
fil : = 493.89087040865
fipunto1 : = 7.6358132906172E+18
fi_gradi : = 28297.862414458
t1 : = 1.0810298645282E-14
tpunto1 : = 1.0035390861351
tduepunti0 : = -4.9485998354161E+16
v=v_elettrone : = 16861092.110901
x0= : -9.9492086177742E-13
y0= : -7.7204494784091E-13
*****
i=41390
k(41390)=0.99893866834803
kQ(41390)=0.99787846312093
r1= : 1.262575943295E-12
rpunto1 : = 13808462.734849
rduepunti0 : = -8.5825627212214E+25
fil : = 493.89176592686
fipunto1 : = 7.6161857219308E+18
fi_gradi : = 28297.913723872
t1 : = 1.0810298762976E-14
tpunto1 : = 1.0035333016788
tduepunti0 : = -4.9322311787594E+16
v=v_elettrone : = 16845691.635975
x0= : -9.955076859372E-13
y0= : -7.7393331577478E-13
*****
i=41391
k(41391)=0.99894021362215
kQ(41391)=0.99788155039146
r1= : 1.2641953817614E-12
rpunto1 : = 13798412.006815
rduepunti0 : = -8.5699522635863E+25
fil : = 493.89265914317
fipunto1 : = 7.5966479757994E+18
fi_gradi : = 28297.964901397
t1 : = 1.0810298880669E-14
tpunto1 : = 1.0035275363228
tduepunti0 : = -4.9159449644901E+16
v=v_elettrone : = 16830328.097404
x0= : -9.9609278160085E-13
y0= : -7.7582032909033E-13
*****
i=41392
k(41392)=0.99894175550125
kQ(41392)=0.99788463088391
r1= : 1.2658136414916E-12
rpunto1 : = 13788376.042942
rduepunti0 : = -8.5573633094014E+25
fil : = 493.89355006811
fipunto1 : = 7.5771994796553E+18
fi_gradi : = 28298.015947636
t1 : = 1.0810298998361E-14
tpunto1 : = 1.003521789971
tduepunti0 : = -4.8997406406892E+16
v=v_elettrone : = 16815001.338747
x0= : -9.9667615441388E-13
y0= : -7.7770598974783E-13
```

```
*****
i=41393
k(41393)=0.99894329399418
kQ(41393)=0.99788770461593
r1= : 1.2674307242171E-12
rpunto1 : = 13778354.817916
rduepunti0 : = -8.5447959396835E+25
fil : = 493.89443871217
fipunto1 : = 7.557839665565E+18
fi_gradi : = 28298.06686319
t1 : = 1.0810299116053E-14
tpunto1 : = 1.003516062528
tduepunti0 : = -4.8836176599945E+16
v=v_elettrone : = 16799711.204596
x0= : -9.9725780999357E-13
y0= : -7.7959029970436E-13
*****
i=41394
k(41394)=0.99894482910978
kQ(41394)=0.99789077160517
r1= : 1.2690466316664E-12
rpunto1 : = 13768348.306331
rduepunti0 : = -8.5322502330675E+25
fil : = 493.89532508573
fipunto1 : = 7.5385679701849E+18
fi_gradi : = 28298.117648654
t1 : = 1.0810299233744E-14
tpunto1 : = 1.0035103538991
tduepunti0 : = -4.8675754795571E+16
v=v_elettrone : = 16784457.539906
x0= : -9.978377539291E-13
y0= : -7.8147326091379E-13
*****
i=41395
k(41395)=0.99894636085691
kQ(41395)=0.99789383186926
r1= : 1.2706613655651E-12
rpunto1 : = 13758356.482691
rduepunti0 : = -8.5197262658471E+25
fil : = 493.89620919913
fipunto1 : = 7.519383834716E+18
fi_gradi : = 28298.168304621
t1 : = 1.0810299351435E-14
tpunto1 : = 1.0035046639901
tduepunti0 : = -4.8516135609968E+16
v=v_elettrone : = 16769240.191429
x0= : -9.9841599178186E-13
y0= : -7.833548753267E-13
*****
i=41396
k(41396)=0.99894788924439
kQ(41396)=0.99789688542583
r1= : 1.2722749276358E-12
rpunto1 : = 13748379.321414
rduepunti0 : = -8.5072241120136E+25
fil : = 493.89709106264
fipunto1 : = 7.50028670486E+18
fi_gradi : = 28298.218831678
t1 : = 1.0810299469124E-14
tpunto1 : = 1.0034989927075
tduepunti0 : = -4.8357313703597E+16
v=v_elettrone : = 16754059.006329
x0= : -9.9899252908548E-13
y0= : -7.8523514489051E-13
```

```
*****
i=41397
k(41397)=0.99894941428107
kQ(41397)=0.99789993229249
r1= : 1.273887319598E-12
rpunto1 : = 13738416.796832
rduepunti0 : = -8.494743843295E+25
fil : = 493.89797068647
fipunto1 : = 7.4812760307758E+18
fi_gradi : = 28298.269230411
t1 : = 1.0810299586813E-14
tpunto1 : = 1.0034933399585
tduepunti0 : = -4.8199283780747E+16
v=v_elettrone : = 16738913.832214
x0= : -9.9956737134606E-13
y0= : -7.8711407154936E-13
*****
i=41398
k(41398)=0.99895093597575
kQ(41398)=0.99790297248684
r1= : 1.2754985431684E-12
rpunto1 : = 13728468.883199
rduepunti0 : = -8.4822855291944E+25
fil : = 493.89884808074
fipunto1 : = 7.4623512670359E+18
fi_gradi : = 28298.3195014
t1 : = 1.0810299704502E-14
tpunto1 : = 1.0034877056508
tduepunti0 : = -4.8042040589114E+16
v=v_elettrone : = 16723804.51856
x0= : -1.0001405240425E-12
y0= : -7.8899165724405E-13
*****
i=41399
k(41399)=0.99895245433727
kQ(41399)=0.99790600602646
r1= : 1.2771086000605E-12
rpunto1 : = 13718535.554687
rduepunti0 : = -8.4698492370269E+25
fil : = 493.89972325555
fipunto1 : = 7.4435118725844E+18
fi_gradi : = 28298.369645222
t1 : = 1.0810299822189E-14
tpunto1 : = 1.0034820896926
tduepunti0 : = -4.788557891938E+16
v=v_elettrone : = 16708730.915332
x0= : -1.0007119926264E-12
y0= : -7.908679039122E-13
*****
i=41400
k(41400)=0.99895396937443
kQ(41400)=0.99790903292894
r1= : 1.2787174919848E-12
rpunto1 : = 13708616.785392
rduepunti0 : = -8.4574350319573E+25
fil : = 493.90059622089
fipunto1 : = 7.4247573106944E+18
fi_gradi : = 28298.419662452
t1 : = 1.0810299939876E-14
tpunto1 : = 1.0034764919931
tduepunti0 : = -4.7729893604802E+16
v=v_elettrone : = 16693692.872659
x0= : -1.0012817825225E-12
y0= : -7.9274281348812E-13
```

```
*****
i=41401
k(41401)=0.99895548109604
kQ(41401)=0.99791205321183
r1= : 1.2803252206487E-12
rpunto1 : = 13698712.549337
rduepunti0 : = -8.4450429770356E+25
fil : = 493.90146698673
fipunto1 : = 7.4060870489262E+18
fi_gradi : = 28298.46955366
t1 : = 1.0810300057563E-14
tpunto1 : = 1.0034709124616
tduepunti0 : = -4.7574979520802E+16
v=v_elettrone : = 16678690.242618
x0= : -1.0018498991287E-12
y0= : -7.9461638790276E-13
*****
i=41402
k(41402)=0.9989569895109
kQ(41402)=0.99791506689267
r1= : 1.2819317877569E-12
rpunto1 : = 13688822.820474
rduepunti0 : = -8.4326731332337E+25
fil : = 493.90233556294
fipunto1 : = 7.3875005590864E+18
fi_gradi : = 28298.519319411
t1 : = 1.0810300175249E-14
tpunto1 : = 1.0034653510085
tduepunti0 : = -4.7420831584557E+16
v=v_elettrone : = 16663722.877489
x0= : -1.0024163478163E-12
y0= : -7.9648862908381E-13
*****
i=41403
k(41403)=0.99895849462778
kQ(41403)=0.997918073989
r1= : 1.2835371950105E-12
rpunto1 : = 13678947.572683
rduepunti0 : = -8.4203255594798E+25
fil : = 493.90320195935
fipunto1 : = 7.3689973171868E+18
fi_gradi : = 28298.568960269
t1 : = 1.0810300292934E-14
tpunto1 : = 1.0034598075443
tduepunti0 : = -4.7267444754605E+16
v=v_elettrone : = 16648790.630493
x0= : -1.0029811339303E-12
y0= : -7.9835953895561E-13
*****
i=41404
k(41404)=0.99895999645548
kQ(41404)=0.99792107451833
r1= : 1.285141444108E-12
rpunto1 : = 13669086.779781
rduepunti0 : = -8.4080003126935E+25
fil : = 493.90406618573
fipunto1 : = 7.3505768034045E+18
fi_gradi : = 28298.618476793
t1 : = 1.0810300410618E-14
tpunto1 : = 1.0034542819805
tduepunti0 : = -4.7114814030442E+16
v=v_elettrone : = 16633893.355819
x0= : -1.0035442627892E-12
y0= : -8.0022911943914E-13
```

```

*****
i=41405
k(41405)=0.99896149500276
kQ(41405)=0.99792406849814
r1= : 1.2867445367445E-12
rpunto1: = 13659240.415518
rduepunti0 : = -8.3956974478194E+25
fil : = 493.90492825177
fipunto1 : = 7.3322385020415E+18
fi_gradi : = 28298.667869538
t1 : = 1.0810300528302E-14
tpunto1 : = 1.0034487742289
tduepunti0 : = -4.6962934452134E+16
v=v_elettrone : = 16619030.908628
x0= : -1.0041057396855E-12
y0= : -8.0209737245206E-13
*****
i=41406
k(41406)=0.99896299027838
kQ(41406)=0.99792705594592
r1= : 1.2883464746124E-12
rpunto1: = 13649408.453583
rduepunti0 : = -8.3834170178613E+25
fil : = 493.90578816712
fipunto1 : = 7.3139819014856E+18
fi_gradi : = 28298.717139059
t1 : = 1.0810300645985E-14
tpunto1 : = 1.003443284202
tduepunti0 : = -4.6811801099931E+16
v=v_elettrone : = 16604203.144747
x0= : -1.0046655698859E-12
y0= : -8.0396429990868E-13
*****
i=41407
k(41407)=0.9989644822911
kQ(41407)=0.99793003687913
r1= : 1.2899472594006E-12
rpunto1: = 13639590.867604
rduepunti0 : = -8.3711590739144E+25
fil : = 493.90664594137
fipunto1 : = 7.2958064941713E+18
fi_gradi : = 28298.766285903
t1 : = 1.0810300763668E-14
tpunto1 : = 1.003437811813
tduepunti0 : = -4.6661409093876E+16
v=v_elettrone : = 16589409.920673
x0= : -1.0052237586313E-12
y0= : -8.0582990371997E-13
*****
i=41408
k(41408)=0.99896597104966
kQ(41408)=0.9979330113152
r1= : 1.2915468927951E-12
rpunto1: = 13629787.631153
rduepunti0 : = -8.3589236651982E+25
fil : = 493.90750158402
fipunto1 : = 7.2777117765415E+18
fi_gradi : = 28298.815310615
t1 : = 1.081030088135E-14
tpunto1 : = 1.0034323569753
tduepunti0 : = -4.6511753593433E+16
v=v_elettrone : = 16574651.093961
x0= : -1.0057803111368E-12
y0= : -8.0769418579345E-13

```



```

*****
i=41409
k(41409)=0.9989674565628
kQ(41409)=0.99793597927155
r1= : 1.2931453764789E-12
rpunto1 : = 13619998.717745
rduepunti0 : = -8.3467108390882E+25
fil : = 493.90835510455
fipunto1 : = 7.2596972490088E+18
fi_gradi : = 28298.864213739
t1 : = 1.0810300999031E-14
tpunto1 : = 1.0034269196032
tduepunti0 : = -4.6362829797108E+16
v=v_elettrone : = 16559926.522879
x0= : -1.0063352325924E-12
y0= : -8.0955714803332E-13
*****
i=41410
k(41410)=0.99896893883923
kQ(41410)=0.99793894076558
r1= : 1.2947427121317E-12
rpunto1 : = 13610224.100842
rduepunti0 : = -8.3345206411475E+25
fil : = 493.90920651235
fipunto1 : = 7.2417624159185E+18
fi_gradi : = 28298.912995813
t1 : = 1.0810301116711E-14
tpunto1 : = 1.0034214996114
tduepunti0 : = -4.6214632942078E+16
v=v_elettrone : = 16545236.066808
x0= : -1.0068885281627E-12
y0= : -8.1141879234035E-13
*****
i=41411
k(41411)=0.99897041788767
kQ(41411)=0.99794189581466
r1= : 1.2963389014302E-12
rpunto1 : = 13600463.753854
rduepunti0 : = -8.3223531151577E+25
fil : = 493.91005581679
fipunto1 : = 7.2239067855106E+18
fi_gradi : = 28298.961657373
t1 : = 1.0810301234391E-14
tpunto1 : = 1.0034160969153
tduepunti0 : = -4.6067158303826E+16
v=v_elettrone : = 16530579.58481
x0= : -1.0074402029871E-12
y0= : -8.1327912061196E-13
*****
i=41412
k(41412)=0.99897189371681
kQ(41412)=0.99794484443616
r1= : 1.2979339460479E-12
rpunto1 : = 13590717.650143
rduepunti0 : = -8.310208303149E+25
fil : = 493.91090302713
fipunto1 : = 7.2061298698835E+18
fi_gradi : = 28299.01019895
t1 : = 1.0810301352071E-14
tpunto1 : = 1.0034107114306
tduepunti0 : = -4.5920401195775E+16
v=v_elettrone : = 16515956.938882
x0= : -1.0079902621804E-12
y0= : -8.1513813474202E-13

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*****
i=41413
k(41413)=0.99897336633535
kQ(41413)=0.99794778664739
r1= : 1.2995278476554E-12
rpunto1 : = 13580985.763022
rduepunti0 : = -8.2980862454303E+25
fil : = 493.91174815263
fipunto1 : = 7.1884311849573E+18
fi_gradi : = 28299.058621074
t1 : = 1.0810301469749E-14
tpunto1 : = 1.0034053430739
tduepunti0 : = -4.5774356968929E+16
v=v_elettrone : = 16501367.989327
x0= : -1.0085387108322E-12
y0= : -8.1699583662119E-13
*****
i=41414
k(41414)=0.99897483575197
kQ(41414)=0.99795072246568
r1= : 1.3011206079198E-12
rpunto1 : = 13571268.065762
rduepunti0 : = -8.2859869806188E+25
fil : = 493.91259120245
fipunto1 : = 7.1708102504375E+18
fi_gradi : = 28299.106924271
t1 : = 1.0810301587427E-14
tpunto1 : = 1.0033999917619
tduepunti0 : = -4.562902101152E+16
v=v_elettrone : = 16486812.599068
x0= : -1.009085554008E-12
y0= : -8.188522281365E-13
*****
i=41415
k(41415)=0.99897630197533
kQ(41415)=0.9979536519083
r1= : 1.3027122285054E-12
rpunto1 : = 13561564.531587
rduepunti0 : = -8.2739105456686E+25
fil : = 493.9134321857
fipunto1 : = 7.1532665897798E+18
fi_gradi : = 28299.155109062
t1 : = 1.0810301705105E-14
tpunto1 : = 1.0033946574122
tduepunti0 : = -4.5484388748653E+16
v=v_elettrone : = 16472290.631158
x0= : -1.0096307967485E-12
y0= : -8.2070731117168E-13
*****
i=41416
k(41416)=0.99897776501408
kQ(41416)=0.99795657499252
r1= : 1.3043027110732E-12
rpunto1 : = 13551875.13368
rduepunti0 : = -8.2618569758998E+25
fil : = 493.91427111146
fipunto1 : = 7.1357997301543E+18
fi_gradi : = 28299.203175967
t1 : = 1.0810301822782E-14
tpunto1 : = 1.0033893399428
tduepunti0 : = -4.5340455641962E+16
v=v_elettrone : = 16457801.949518
x0= : -1.0101744440701E-12
y0= : -8.2256108760697E-13

```

```
*****
i=41417
k(41417)=0.99897922487686
kQ(41417)=0.99795949173558
r1= : 1.3058920572811E-12
rpunto1: = 13542199.845188
rduepunti0 : = -8.2498263050256E+25
fil : = 493.91510798873
fipunto1 : = 7.118409202411E+18
fi_gradi : = 28299.251125503
t1 : = 1.0810301940458E-14
tpunto1 : = 1.0033840392722
tduepunti0 : = -4.5197217189261E+16
v=v_elettrone : = 16443346.418259
x0= : -1.0107165009653E-12
y0= : -8.2441355931921E-13
*****
i=41418
k(41418)=0.99898068157231
kQ(41418)=0.99796240215469
r1= : 1.3074802687838E-12
rpunto1: = 13532538.639215
rduepunti0 : = -8.2378185651808E+25
fil : = 493.91594282646
fipunto1 : = 7.1010945410452E+18
fi_gradi : = 28299.298958181
t1 : = 1.0810302058133E-14
tpunto1 : = 1.0033787553195
tduepunti0 : = -4.5054668924209E+16
v=v_elettrone : = 16428923.903456
x0= : -1.0112569724025E-12
y0= : -8.2626472818169E-13
*****
i=41419
k(41419)=0.99898213510904
kQ(41419)=0.99796530626703
r1= : 1.3090673472328E-12
rpunto1: = 13522891.488834
rduepunti0 : = -8.2258337869486E+25
fil : = 493.91677563355
fipunto1 : = 7.0838552841632E+18
fi_gradi : = 28299.346674512
t1 : = 1.0810302175808E-14
tpunto1 : = 1.0033734880043
tduepunti0 : = -4.491280641597E+16
v=v_elettrone : = 16414534.270706
x0= : -1.0117958633262E-12
y0= : -8.2811459606434E-13
*****
i=41420
k(41420)=0.99898358549566
kQ(41420)=0.99796820408976
r1= : 1.3106532942767E-12
rpunto1: = 13513258.367082
rduepunti0 : = -8.2138719993872E+25
fil : = 493.91760641884
fipunto1 : = 7.0666909734485E+18
fi_gradi : = 28299.394275003
t1 : = 1.0810302293483E-14
tpunto1 : = 1.0033682372466
tduepunti0 : = -4.4771625268881E+16
v=v_elettrone : = 16400177.387254
x0= : -1.0123331786574E-12
y0= : -8.2996316483356E-13
```

```
*****
i=41421
k(41421)=0.99898503274074
kQ(41421)=0.99797109564003
r1= : 1.3122381115607E-12
rpunto1: = 13503639.246961
rduepunti0 : = -8.2019332300562E+25
fil : = 493.91843519112
fipunto1 : = 7.0496011541287E+18
fi_gradi : = 28299.441760157
t1 : = 1.0810302411156E-14
tpunto1 : = 1.003363002967
tduepunti0 : = -4.4631121122121E+16
v=v_elettrone : = 16385853.120614
x0= : -1.0128689232935E-12
y0= : -8.318104363523E-13
*****
i=41422
k(41422)=0.99898647685288
kQ(41422)=0.99797398093493
r1= : 1.3138218007268E-12
rpunto1: = 13494034.101448
rduepunti0 : = -8.1900175050424E+25
fil : = 493.91926195914
fipunto1 : = 7.0325853749423E+18
fi_gradi : = 28299.489130475
t1 : = 1.081030252883E-14
tpunto1 : = 1.0033577850867
tduepunti0 : = -4.4491289649387E+16
v=v_elettrone : = 16371561.338926
x0= : -1.0134031021085E-12
y0= : -8.3365641248004E-13
*****
i=41423
k(41423)=0.99898791784062
kQ(41423)=0.99797685999154
r1= : 1.315404363414E-12
rpunto1: = 13484442.903486
rduepunti0 : = -8.1781248489856E+25
fil : = 493.92008673156
fipunto1 : = 7.0156431881058E+18
fi_gradi : = 28299.536386454
t1 : = 1.0810302646502E-14
tpunto1 : = 1.0033525835273
tduepunti0 : = -4.435212655857E+16
v=v_elettrone : = 16357301.91206
x0= : -1.0139357199533E-12
y0= : -8.3550109507273E-13
*****
i=41424
k(41424)=0.99898935571252
kQ(41424)=0.99797973282692
r1= : 1.316985801258E-12
rpunto1: = 13474865.625993
rduepunti0 : = -8.1662552851032E+25
fil : = 493.92090951702
fipunto1 : = 6.9987741492818E+18
fi_gradi : = 28299.583528589
t1 : = 1.0810302764174E-14
tpunto1 : = 1.0033473982108
tduepunti0 : = -4.4213627591438E+16
v=v_elettrone : = 16343074.709118
x0= : -1.0144667816555E-12
y0= : -8.3734448598292E-13
```

```
*****
i=41425
k(41425)=0.99899079047712
kQ(41425)=0.99798259945809
r1= : 1.3185661158914E-12
rpunto1 : = 13465302.241863
rduepunti0 : = -8.154408835215E+25
fil : = 493.92173032411
fipunto1 : = 6.9819778175466E+18
fi_gradi : = 28299.63055737
t1 : = 1.0810302881845E-14
tpunto1 : = 1.0033422290599
tduepunti0 : = -4.4075788523317E+16
v=v_elettrone : = 16328879.601329
x0= : -1.01499629202E-12
y0= : -8.3918658705959E-13
*****
i=41426
k(41426)=0.99899222214292
kQ(41426)=0.99798545990205
r1= : 1.3201453089437E-12
rpunto1 : = 13455752.723962
rduepunti0 : = -8.1425855197676E+25
fil : = 493.92254916135
fipunto1 : = 6.9652537553589E+18
fi_gradi : = 28299.677473288
t1 : = 1.0810302999516E-14
tpunto1 : = 1.0033370759977
tduepunti0 : = -4.3938605162782E+16
v=v_elettrone : = 16314716.459551
x0= : -1.0155242558289E-12
y0= : -8.410274001483E-13
*****
i=41427
k(41427)=0.99899365071844
kQ(41427)=0.99798831417575
r1= : 1.3217233820409E-12
rpunto1 : = 13446217.045136
rduepunti0 : = -8.1307853578581E+25
fil : = 493.92336603721
fipunto1 : = 6.9486015285284E+18
fi_gradi : = 28299.724276827
t1 : = 1.0810303117186E-14
tpunto1 : = 1.0033319389478
tduepunti0 : = -4.3802073351344E+16
v=v_elettrone : = 16300585.155727
x0= : -1.0160506778415E-12
y0= : -8.4286692709102E-13
*****
i=41428
k(41428)=0.99899507621216
kQ(41428)=0.99799116229614
r1= : 1.3233003368062E-12
rpunto1 : = 13436695.178212
rduepunti0 : = -8.1190083672578E+25
fil : = 493.92418096011
fipunto1 : = 6.9320207061845E+18
fi_gradi : = 28299.770968471
t1 : = 1.0810303234855E-14
tpunto1 : = 1.0033268178342
tduepunti0 : = -4.366618896315E+16
v=v_elettrone : = 16286485.563272
x0= : -1.0165755627948E-12
y0= : -8.4470516972623E-13
```

```
*****
i=41429
k(41429)=0.99899649863256
kQ(41429)=0.99799400428012
r1= : 1.3248761748594E-12
rpunto1 : = 13427187.095993
rduepunti0 : = -8.1072545644351E+25
fil : = 493.92499393844
fipunto1 : = 6.9155108607466E+18
fi_gradi : = 28299.817548698
t1 : = 1.0810303352524E-14
tpunto1 : = 1.0033217125815
tduepunti0 : = -4.3530947904676E+16
v=v_elettrone : = 16272417.554905
x0= : -1.0170989154033E-12
y0= : -8.4654212988899E-13
*****
i=41430
k(41430)=0.9989979179881
kQ(41430)=0.99799684014456
r1= : 1.3264508978172E-12
rpunto1 : = 13417692.771269
rduepunti0 : = -8.0955239645783E+25
fil : = 493.92580498052
fipunto1 : = 6.8990715678925E+18
fi_gradi : = 28299.864017986
t1 : = 1.0810303470193E-14
tpunto1 : = 1.0033166231147
tduepunti0 : = -4.3396346114427E+16
v=v_elettrone : = 16258381.005586
x0= : -1.0176207403594E-12
y0= : -8.4837780941072E-13
*****
i=41431
k(41431)=0.99899933428722
kQ(41431)=0.99799966990631
r1= : 1.3280245072929E-12
rpunto1 : = 13408212.176811
rduepunti0 : = -8.0838165816181E+25
fil : = 493.92661409462
fipunto1 : = 6.8827024065298E+18
fi_gradi : = 28299.910376809
t1 : = 1.081030358786E-14
tpunto1 : = 1.0033115493594
tduepunti0 : = -4.3262379562646E+16
v=v_elettrone : = 16244375.789255
x0= : -1.0181410423334E-12
y0= : -8.5021221011947E-13
*****
i=41432
k(41432)=0.99900074753835
kQ(41432)=0.99800249358219
r1= : 1.3295970048969E-12
rpunto1 : = 13398745.285375
rduepunti0 : = -8.0721324282496E+25
fil : = 493.92742128897
fipunto1 : = 6.8664029587652E+18
fi_gradi : = 28299.956625638
t1 : = 1.0810303705527E-14
tpunto1 : = 1.0033064912414
tduepunti0 : = -4.3129044251017E+16
v=v_elettrone : = 16230401.782121
x0= : -1.0186598259737E-12
y0= : -8.5204533383961E-13
```

```
*****
i=41433
k(41433)=0.9990021577499
kQ(41433)=0.99800531118896
r1= : 1.3311683922363E-12
rpunto1 : = 13389292.069705
rduepunti0 : = -8.0604715159538E+25
fil : = 493.92822657173
fipunto1 : = 6.8501728098756E+18
fi_gradi : = 28300.002764942
t1 : = 1.0810303823194E-14
tpunto1 : = 1.0033014486873
tduepunti0 : = -4.2996336212374E+16
v=v_elettrone : = 16216458.860493
x0= : -1.0191770959068E-12
y0= : -8.538771823921E-13
*****
i=41434
k(41434)=0.99900356493027
kQ(41434)=0.99800812274339
r1= : 1.3327386709148E-12
rpunto1 : = 13379852.502531
rduepunti0 : = -8.0488338550193E+25
fil : = 493.92902995105
fipunto1 : = 6.8340115482792E+18
fi_gradi : = 28300.048795186
t1 : = 1.081030394086E-14
tpunto1 : = 1.0032964216239
tduepunti0 : = -4.2864251510418E+16
v=v_elettrone : = 16202546.900817
x0= : -1.0196928567376E-12
y0= : -8.5570775759438E-13
*****
i=41435
k(41435)=0.99900496908784
kQ(41435)=0.9980109282622
r1= : 1.3343078425333E-12
rpunto1 : = 13370426.556575
rduepunti0 : = -8.0372194545629E+25
fil : = 493.92983143499
fipunto1 : = 6.8179187655066E+18
fi_gradi : = 28300.094716833
t1 : = 1.0810304058525E-14
tpunto1 : = 1.0032914099786
tduepunti0 : = -4.2732786239432E+16
v=v_elettrone : = 16188665.78076
x0= : -1.0202071130496E-12
y0= : -8.5753706126027E-13
*****
i=41436
k(41436)=0.99900637023097
kQ(41436)=0.99801372776205
r1= : 1.3358759086891E-12
rpunto1 : = 13361014.204547
rduepunti0 : = -8.0256283225507E+25
fil : = 493.9306310316
fipunto1 : = 6.8018940561724E+18
fi_gradi : = 28300.140530344
t1 : = 1.081030417619E-14
tpunto1 : = 1.0032864136791
tduepunti0 : = -4.2601936523999E+16
v=v_elettrone : = 16174815.378873
x0= : -1.0207198694047E-12
y0= : -8.5936509520009E-13
```

```
*****
i=41437
k(41437)=0.999007768368
kQ(41437)=0.99801652125962
r1= : 1.3374428709766E-12
rpunto1 : = 13351615.419149
rduepunti0 : = -8.0140604658178E+25
fil : = 493.93142874884
fipunto1 : = 6.7859370179472E+18
fi_gradi : = 28300.186236176
t1 : = 1.0810304293854E-14
tpunto1 : = 1.0032814326538
tduepunti0 : = -4.2471698518722E+16
v=v_elettrone : = 16160995.574252
x0= : -1.0212311303438E-12
y0= : -8.6119186122067E-13
*****
i=41438
k(41438)=0.99900916350728
kQ(41438)=0.99801930877151
r1= : 1.3390087309869E-12
rpunto1 : = 13342230.17308
rduepunti0 : = -8.0025158900892E+25
fil : = 493.93222459467
fipunto1 : = 6.7700472515297E+18
fi_gradi : = 28300.231834783
t1 : = 1.0810304411517E-14
tpunto1 : = 1.0032764668313
tduepunti0 : = -4.2342068407957E+16
v=v_elettrone : = 16147206.245812
x0= : -1.0217409003865E-12
y0= : -8.6301736112532E-13
*****
i=41439
k(41439)=0.9990105556571
kQ(41439)=0.99802209031431
r1= : 1.3405734903077E-12
rpunto1 : = 13332858.439029
rduepunti0 : = -7.9909945999987E+25
fil : = 493.93301857697
fipunto1 : = 6.7542243606192E+18
fi_gradi : = 28300.277326617
t1 : = 1.081030452918E-14
tpunto1 : = 1.0032715161409
tduepunti0 : = -4.2213042405531E+16
v=v_elettrone : = 16133447.274862
x0= : -1.0222491840314E-12
y0= : -8.648415967137E-13
*****
i=41440
k(41440)=0.99901194482578
kQ(41440)=0.99802486590458
r1= : 1.3421371505238E-12
rpunto1 : = 13323500.189683
rduepunti0 : = -7.9794965991087E+25
fil : = 493.93381070357
fipunto1 : = 6.7384679518886E+18
fi_gradi : = 28300.322712129
t1 : = 1.0810304646843E-14
tpunto1 : = 1.003266580512
tduepunti0 : = -4.2084616754479E+16
v=v_elettrone : = 16119718.541473
x0= : -1.0227559857562E-12
y0= : -8.666645697821E-13
```



```
*****
i=41441
k(41441)=0.99901333102158
kQ(41441)=0.99802763555884
r1= : 1.3436997132167E-12
rpunto1 : = 13314155.397726
rduerpunti0 : = -7.9680218899293E+25
fil : = 493.93460098229
fipunto1 : = 6.7227776349571E+18
fi_gradi : = 28300.367991764
t1 : = 1.0810304764504E-14
tpunto1 : = 1.0032616598748
tduerpunti0 : = -4.1956787726776E+16
v=v_elettrone : = 16106019.927417
x0= : -1.0232613100182E-12
y0= : -8.6848628212313E-13
*****
i=41442
k(41442)=0.99901471425278
kQ(41442)=0.99803039929356
r1= : 1.3452611799645E-12
rpunto1 : = 13304824.03584
rduerpunti0 : = -7.9565704739367E+25
fil : = 493.93538942087
fipunto1 : = 6.707153022364E+18
fi_gradi : = 28300.413165966
t1 : = 1.0810304882166E-14
tpunto1 : = 1.0032567541596
tduerpunti0 : = -4.1829551623074E+16
v=v_elettrone : = 16092351.315073
x0= : -1.0237651612537E-12
y0= : -8.7030673552588E-13
*****
i=41443
k(41443)=0.9990160945276
kQ(41443)=0.99803315712519
r1= : 1.3468215523424E-12
rpunto1 : = 13295506.076707
rduerpunti0 : = -7.9451423515922E+25
fil : = 493.93617602701
fipunto1 : = 6.6915937295419E+18
fi_gradi : = 28300.458235179
t1 : = 1.0810304999826E-14
tpunto1 : = 1.0032518632975
tduerpunti0 : = -4.170290477244E+16
v=v_elettrone : = 16078712.587101
x0= : -1.0242675438788E-12
y0= : -8.7212593177595E-13
*****
i=41444
k(41444)=0.9990174718543
kQ(41444)=0.99803590907015
r1= : 1.3483808319223E-12
rpunto1 : = 13286201.493008
rduerpunti0 : = -7.93373752236E+25
fil : = 493.93696080838
fipunto1 : = 6.6760993747908E+18
fi_gradi : = 28300.503199839
t1 : = 1.0810305117486E-14
tpunto1 : = 1.0032469872196
tduerpunti0 : = -4.1576843532097E+16
v=v_elettrone : = 16065103.62753
x0= : -1.0247684622891E-12
y0= : -8.7394387265534E-13
```

```
*****
i=41445
k(41445)=0.99901884624106
kQ(41445)=0.99803865514482
r1= : 1.3499390202727E-12
rpunto1 : = 13276910.257428
rduepunti0 : = -7.9223559847253E+25
fil : = 493.93774377259
fipunto1 : = 6.6606695792525E+18
fi_gradi : = 28300.548060384
t1 : = 1.0810305235146E-14
tpunto1 : = 1.0032421258577
tduepunti0 : = -4.1451364287172E+16
v=v_elettrone : = 16051524.319962
x0= : -1.02526792086E-12
y0= : -8.7576055994259E-13
*****
i=41446
k(41446)=0.99902021769609
kQ(41446)=0.99804139536554
r1= : 1.3514961189592E-12
rpunto1 : = 13267632.342654
rduepunti0 : = -7.9109977362119E+25
fil : = 493.93852492721
fipunto1 : = 6.6453039668846E+18
fi_gradi : = 28300.592817247
t1 : = 1.0810305352805E-14
tpunto1 : = 1.0032372791441
tduepunti0 : = -4.1326463450439E+16
v=v_elettrone : = 16037974.549408
x0= : -1.0257659239468E-12
y0= : -8.7757599541261E-13
*****
i=41447
k(41447)=0.99902158622756
kQ(41447)=0.99804412974862
r1= : 1.353052129544E-12
rpunto1 : = 13258367.721376
rduepunti0 : = -7.8996627733993E+25
fil : = 493.93930427978
fipunto1 : = 6.6300021644357E+18
fi_gradi : = 28300.63747086
t1 : = 1.0810305470463E-14
tpunto1 : = 1.0032324470113
tduepunti0 : = -4.1202137462072E+16
v=v_elettrone : = 16024454.201209
x0= : -1.026262475885E-12
y0= : -8.793901808368E-13
*****
i=41448
k(41448)=0.99902295184362
kQ(41448)=0.99804685831034
r1= : 1.354607053586E-12
rpunto1 : = 13249116.366289
rduepunti0 : = -7.8883510919403E+25
fil : = 493.94008183777
fipunto1 : = 6.6147638014202E+18
fi_gradi : = 28300.682021651
t1 : = 1.0810305588121E-14
tpunto1 : = 1.0032276293922
tduepunti0 : = -4.1078382789396E+16
v=v_elettrone : = 16010963.161411
x0= : -1.02675758099E-12
y0= : -8.8120311798301E-13
```

```

*****
i=41449
k(41449)=0.99902431455241
kQ(41449)=0.99804958106692
r1= : 1.3561608926413E-12
rpunto1: = 13239878.250098
rduepunti0 : = -7.8770626865771E+25
fil : = 493.94085760863
fipunto1 : = 6.5995885100933E+18
fi_gradi : = 28300.726470047
t1 : = 1.0810305705778E-14
tpunto1 : = 1.0032228262203
tduepunti0 : = -4.095519592664E+16
v=v_elettrone : = 15997501.316418
x0= : -1.0272512435576E-12
y0= : -8.8301480861556E-13
*****
i=41450
k(41450)=0.99902567436206
kQ(41450)=0.99805229803457
r1= : 1.3577136482623E-12
rpunto1: = 13230653.34551
rduepunti0 : = -7.8657975511584E+25
fil : = 493.94163159974
fipunto1 : = 6.5844759254269E+18
fi_gradi : = 28300.770816471
t1 : = 1.0810305823435E-14
tpunto1 : = 1.0032180374295
tduepunti0 : = -4.0832573394701E+16
v=v_elettrone : = 15984068.553746
x0= : -1.027743467864E-12
y0= : -8.8482525449516E-13
*****
i=41451
k(41451)=0.99902703128066
kQ(41451)=0.99805500922945
r1= : 1.3592653219986E-12
rpunto1: = 13221441.625243
rduepunti0 : = -7.8545556786554E+25
fil : = 493.94240381848
fipunto1 : = 6.5694256850853E+18
fi_gradi : = 28300.815061345
t1 : = 1.0810305941091E-14
tpunto1 : = 1.0032132629539
tduepunti0 : = -4.0710511740895E+16
v=v_elettrone : = 15970664.761284
x0= : -1.0282342581659E-12
y0= : -8.8663445737905E-13
*****
i=41452
k(41452)=0.9990283853163
kQ(41452)=0.99805771466768
r1= : 1.3608159153964E-12
rpunto1: = 13212243.062024
rduepunti0 : = -7.8433370611779E+25
fil : = 493.94317427214
fipunto1 : = 6.5544374294011E+18
fi_gradi : = 28300.859205088
t1 : = 1.0810306058746E-14
tpunto1 : = 1.0032085027281
tduepunti0 : = -4.0589007538726E+16
v=v_elettrone : = 15957289.826964
x0= : -1.0287236187005E-12
y0= : -8.8844241902089E-13

```

```
*****
i=41453
k(41453)=0.99902973647703
kQ(41453)=0.99806041436537
r1= : 1.3623654299987E-12
rpunto1: = 13203057.62859
rduepunti0 : = -7.8321416899899E+25
fil : = 493.94394296799
fipunto1 : = 6.5395108013513E+18
fi_gradi : = 28300.903248117
t1 : = 1.0810306176401E-14
tpunto1 : = 1.0032037566872
tduepunti0 : = -4.046805738765E+16
v=v_elettrone : = 15943943.640597
x0= : -1.0292115536861E-12
y0= : -8.9024914117074E-13
*****
i=41454
k(41454)=0.99903108477092
kQ(41454)=0.99806310833855
r1= : 1.3639138673453E-12
rpunto1: = 13193885.297689
rduepunti0 : = -7.8209695555255E+25
fil : = 493.94470991328
fipunto1 : = 6.5246454465342E+18
fi_gradi : = 28300.947190844
t1 : = 1.0810306294056E-14
tpunto1 : = 1.0031990247666
tduepunti0 : = -4.0347657912839E+16
v=v_elettrone : = 15930626.091694
x0= : -1.0296980673213E-12
y0= : -8.9205462557524E-13
*****
i=41455
k(41455)=0.99903243020597
kQ(41455)=0.99806579660325
r1= : 1.365461228973E-12
rpunto1: = 13184726.042082
rduepunti0 : = -7.8098206474036E+25
fil : = 493.94547511517
fipunto1 : = 6.509841013146E+18
fi_gradi : = 28300.991033683
t1 : = 1.081030641171E-14
tpunto1 : = 1.0031943069021
tduepunti0 : = -4.0227805764954E+16
v=v_elettrone : = 15917337.069823
x0= : -1.0301831637863E-12
y0= : -8.9385887397743E-13
*****
i=41456
k(41456)=0.99903377279021
kQ(41456)=0.99806847917544
r1= : 1.3670075164152E-12
rpunto1: = 13175579.834543
rduepunti0 : = -7.7986949544433E+25
fil : = 493.94623858082
fipunto1 : = 6.4950971519576E+18
fi_gradi : = 28301.034777043
t1 : = 1.0810306529363E-14
tpunto1 : = 1.0031896030299
tduepunti0 : = -4.0108497619917E+16
v=v_elettrone : = 15904076.466496
x0= : -1.030666847242E-12
y0= : -8.9566188811674E-13
```

```
*****
i=41457
k(41457)=0.99903511253162
kQ(41457)=0.99807115607107
r1= : 1.3685527312021E-12
rpunto1: = 13166446.647858
rduepunti0 : = -7.7875924646789E+25
fil : = 493.94700031732
fipunto1 : = 6.4804135162922E+18
fi_gradi : = 28301.07842133
t1 : = 1.0810306647016E-14
tpunto1 : = 1.0031849130866
tduepunti0 : = -3.9989730178682E+16
v=v_elettrone : = 15890844.172946
x0= : -1.0311491218305E-12
y0= : -8.9746366972914E-13
*****
i=41458
k(41458)=0.99903644943817
kQ(41458)=0.99807382730603
r1= : 1.3700968748607E-12
rpunto1: = 13157326.454831
rduepunti0 : = -7.7765131653738E+25
fil : = 493.94776033175
fipunto1 : = 6.4657897620025E+18
fi_gradi : = 28301.121966949
t1 : = 1.0810306764668E-14
tpunto1 : = 1.0031802370092
tduepunti0 : = -3.9871500167017E+16
v=v_elettrone : = 15877640.080891
x0= : -1.0316299916756E-12
y0= : -8.9926422054703E-13
*****
i=41459
k(41459)=0.99903778351782
kQ(41459)=0.99807649289619
r1= : 1.3716399489151E-12
rpunto1: = 13148219.22828
rduepunti0 : = -7.7654570430354E+25
fil : = 493.94851863113
fipunto1 : = 6.4512255474484E+18
fi_gradi : = 28301.165414303
t1 : = 1.081030688232E-14
tpunto1 : = 1.0031755747349
tduepunti0 : = -3.9753804335278E+16
v=v_elettrone : = 15864464.083286
x0= : -1.0321094608821E-12
y0= : -9.0106354229925E-13
*****
i=41460
k(41460)=0.99903911477848
kQ(41460)=0.99807915285738
r1= : 1.3731819548858E-12
rpunto1: = 13139124.941039
rduepunti0 : = -7.7544240834289E+25
fil : = 493.94927522243
fipunto1 : = 6.436720533475E+18
fi_gradi : = 28301.208763791
t1 : = 1.0810306999971E-14
tpunto1 : = 1.0031709262017
tduepunti0 : = -3.9636639458194E+16
v=v_elettrone : = 15851316.073215
x0= : -1.0325875335366E-12
y0= : -9.0286163671112E-13
```

```
*****
i=41461
k(41461)=0.99904044322809
kQ(41461)=0.99808180720538
r1= : 1.3747228942904E-12
rpunto1: = 13130043.565962
rduepunti0 : = -7.7434142715913E+25
fil : = 493.9500301126
fipunto1 : = 6.422274383391E+18
fi_gradi : = 28301.252015812
t1 : = 1.0810307117621E-14
tpunto1 : = 1.0031662913474
tduepunti0 : = -3.9520002334647E+16
v=v_elettrone : = 15838195.94392
x0= : -1.0330642137072E-12
y0= : -9.0465850550445E-13
*****
i=41462
k(41462)=0.99904176887452
kQ(41462)=0.99808445595594
r1= : 1.3762627686432E-12
rpunto1: = 13120975.07592
rduepunti0 : = -7.7324275918451E+25
fil : = 493.95078330855
fipunto1 : = 6.4078867629466E+18
fi_gradi : = 28301.295170761
t1 : = 1.0810307235271E-14
tpunto1 : = 1.0031616701107
tduepunti0 : = -3.9403889787463E+16
v=v_elettrone : = 15825103.590286
x0= : -1.0335395054441E-12
y0= : -9.0645415039743E-13
*****
i=41463
k(41463)=0.99904309172566
kQ(41463)=0.99808709912478
r1= : 1.3778015794554E-12
rpunto1: = 13111919.443802
rduepunti0 : = -7.7214640278115E+25
fil : = 493.95153481714
fipunto1 : = 6.3935573403124E+18
fi_gradi : = 28301.338229031
t1 : = 1.0810307352921E-14
tpunto1 : = 1.0031570624304
tduepunti0 : = -3.9288298663192E+16
v=v_elettrone : = 15812038.907002
x0= : -1.0340134127789E-12
y0= : -9.0824857310482E-13
*****
i=41464
k(41464)=0.99904441178936
kQ(41464)=0.99808973672756
r1= : 1.3793393282348E-12
rpunto1: = 13102876.642519
rduepunti0 : = -7.710523562424E+25
fil : = 493.95228464519
fipunto1 : = 6.3792857860582E+18
fi_gradi : = 28301.381191014
t1 : = 1.081030747057E-14
tpunto1 : = 1.0031524682456
tduepunti0 : = -3.9173225831907E+16
v=v_elettrone : = 15799001.789308
x0= : -1.0344859397255E-12
y0= : -9.1004177533779E-13
```

```
*****
i=41465
k(41465)=0.99904572907346
kQ(41465)=0.99809236877992
r1= : 1.3808760164863E-12
rpunto1 : = 13093846.645002
rduepunti0 : = -7.699606177941E+25
fil : = 493.95303279949
fipunto1 : = 6.3650717731321E+18
fi_gradi : = 28301.424057098
t1 : = 1.0810307588218E-14
tpunto1 : = 1.0031478874961
tduepunti0 : = -3.9058668186989E+16
v=v_elettrone : = 15785992.133036
x0= : -1.0349570902799E-12
y0= : -9.1183375880401E-13
*****
i=41466
k(41466)=0.99904704358576
kQ(41466)=0.99809499529745
r1= : 1.3824116457116E-12
rpunto1 : = 13084829.424203
rduepunti0 : = -7.6887118559591E+25
fil : = 493.95377928679
fipunto1 : = 6.3509149768394E+18
fi_gradi : = 28301.46682767
t1 : = 1.0810307705866E-14
tpunto1 : = 1.0031433201216
tduepunti0 : = -3.8944622644925E+16
v=v_elettrone : = 15773009.834574
x0= : -1.0354268684202E-12
y0= : -9.1362452520756E-13
*****
i=41467
k(41467)=0.99904835533407
kQ(41467)=0.99809761629572
r1= : 1.3839462174089E-12
rpunto1 : = 13075824.953098
rduepunti0 : = -7.6778405774253E+25
fil : = 493.9545241138
fipunto1 : = 6.3368150748227E+18
fi_gradi : = 28301.509503114
t1 : = 1.0810307823513E-14
tpunto1 : = 1.0031387660626
tduepunti0 : = -3.8831086145102E+16
v=v_elettrone : = 15760054.791675
x0= : -1.0358952781069E-12
y0= : -9.1541407624899E-13
*****
i=41468
k(41468)=0.99904966432616
kQ(41468)=0.99810023179022
r1= : 1.3854797330736E-12
rpunto1 : = 13066833.204684
rduepunti0 : = -7.6669923226495E+25
fil : = 493.95526728719
fipunto1 : = 6.3227717470409E+18
fi_gradi : = 28301.552083813
t1 : = 1.081030794116E-14
tpunto1 : = 1.0031342252596
tduepunti0 : = -3.871805564961E+16
v=v_elettrone : = 15747126.901197
x0= : -1.0363623232828E-12
y0= : -9.1720241362546E-13
```

```
*****
i=41469
k(41469)=0.99905097056979
kQ(41469)=0.99810284179645
r1= : 1.3870121941979E-12
rpunto1: = 13057854.151983
rduepunti0 : = -7.6561670713169E+25
fil : = 493.9560088136
fipunto1 : = 6.3087846757494E+18
fi_gradi : = 28301.594570146
t1 : = 1.0810308058807E-14
tpunto1 : = 1.0031296976537
tduepunti0 : = -3.8605528143037E+16
v=v_elettrone : = 15734226.061362
x0= : -1.0368280078732E-12
y0= : -9.1898953903047E-13
*****
i=41470
k(41470)=0.9990522740727
kQ(41470)=0.99810544632983
r1= : 1.3885436022705E-12
rpunto1: = 13048887.768043
rduepunti0 : = -7.6453648024999E+25
fil : = 493.95674869962
fipunto1 : = 6.2948535454802E+18
fi_gradi : = 28301.636962493
t1 : = 1.0810308176452E-14
tpunto1 : = 1.0031251831863
tduepunti0 : = -3.8493500632272E+16
v=v_elettrone : = 15721352.171033
x0= : -1.0372923357863E-12
y0= : -9.2077545415401E-13
*****
i=41471
k(41471)=0.9990535748426
kQ(41471)=0.99810804540577
r1= : 1.3900739587774E-12
rpunto1: = 13039934.025933
rduepunti0 : = -7.6345854946699E+25
fil : = 493.95748695182
fipunto1 : = 6.2809780430223E+18
fi_gradi : = 28301.679261228
t1 : = 1.0810308294097E-14
tpunto1 : = 1.0031206817989
tduepunti0 : = -3.8381970146316E+16
v=v_elettrone : = 15708505.129339
x0= : -1.0377553109128E-12
y0= : -9.2256016068262E-13
*****
i=41472
k(41472)=0.99905487288718
kQ(41472)=0.99811063903962
r1= : 1.3916032652011E-12
rpunto1: = 13030992.898753
rduepunti0 : = -7.6238291257091E+25
fil : = 493.95822357672
fipunto1 : = 6.2671578574018E+18
fi_gradi : = 28301.721466726
t1 : = 1.0810308411742E-14
tpunto1 : = 1.0031161934338
tduepunti0 : = -3.8270933736078E+16
v=v_elettrone : = 15695684.836063
x0= : -1.0382169371261E-12
y0= : -9.243436602993E-13
```



```

*****
i=41473
k(41473)=0.99905616821413
kQ(41473)=0.99811322724671
r1= : 1.3931315230211E-12
rpunto1 : = 13022064.359625
rduepunti0 : = -7.6130956729218E+25
fil : = 493.9589585808
fipunto1 : = 6.2533926798629E+18
fi_gradi : = 28301.763579358
t1 : = 1.0810308529386E-14
tpunto1 : = 1.0031117180333
tduepunti0 : = -3.8160388474194E+16
v=v_elettrone : = 15682891.191283
x0= : -1.0386772182829E-12
y0= : -9.2612595468354E-13
*****
i=41474
k(41474)=0.99905746083111
kQ(41474)=0.9981158100423
r1= : 1.3946587337136E-12
rpunto1 : = 13013148.381703
rduepunti0 : = -7.6023851130458E+25
fil : = 493.95969197053
fipunto1 : = 6.2396822038486E+18
fi_gradi : = 28301.805599493
t1 : = 1.081030864703E-14
tpunto1 : = 1.0031072555402
tduepunti0 : = -3.805033145483E+16
v=v_elettrone : = 15670124.095385
x0= : -1.0391361582225E-12
y0= : -9.2790704551131E-13
*****
i=41475
k(41475)=0.99905875074574
kQ(41475)=0.99811838744163
r1= : 1.396184898752E-12
rpunto1 : = 13004244.938164
rduepunti0 : = -7.5916974222634E+25
fil : = 493.9604237523
fipunto1 : = 6.2260261249819E+18
fi_gradi : = 28301.847527501
t1 : = 1.0810308764673E-14
tpunto1 : = 1.0031028058975
tduepunti0 : = -3.7940759793496E+16
v=v_elettrone : = 15657383.450566
x0= : -1.0395937607678E-12
y0= : -9.2968693445501E-13
*****
i=41476
k(41476)=0.99906003796565
kQ(41476)=0.99812095945992
r1= : 1.3977100196061E-12
rpunto1 : = 12995354.002218
rduepunti0 : = -7.5810325762124E+25
fil : = 493.96115393251
fipunto1 : = 6.212424141047E+18
fi_gradi : = 28301.889363745
t1 : = 1.0810308882316E-14
tpunto1 : = 1.0030983690486
tduepunti0 : = -3.7831670626861E+16
v=v_elettrone : = 15644669.157467
x0= : -1.0400500297246E-12
y0= : -9.314656231837E-13

```

```
*****
i=41477
k(41477)=0.99906132249842
kQ(41477)=0.9981235261123
r1= : 1.3992340977429E-12
rpunto1 : = 12986475.547101
rduepunti0 : = -7.5703905499971E+25
fil : = 493.9618825175
fipunto1 : = 6.1988759519708E+18
fi_gradi : = 28301.93110859
t1 : = 1.0810308999958E-14
tpunto1 : = 1.0030939449372
tduepunti0 : = -3.7723061112569E+16
v=v_elettrone : = 15631981.119343
x0= : -1.0405049688821E-12
y0= : -9.3324311336274E-13
*****
i=41478
k(41478)=0.99906260435165
kQ(41478)=0.99812608741391
r1= : 1.400757134626E-12
rpunto1 : = 12977609.54608
rduepunti0 : = -7.5597713181984E+25
fil : = 493.96260951357
fipunto1 : = 6.1853812598044E+18
fi_gradi : = 28301.972762396
t1 : = 1.0810309117599E-14
tpunto1 : = 1.0030895335076
tduepunti0 : = -3.7614928429057E+16
v=v_elettrone : = 15619319.238644
x0= : -1.0409585820129E-12
y0= : -9.3501940665415E-13
*****
i=41479
k(41479)=0.99906388353289
kQ(41479)=0.99812864337981
r1= : 1.4022791317161E-12
rpunto1 : = 12968755.972453
rduepunti0 : = -7.5491748548845E+25
fil : = 493.963334927
fipunto1 : = 6.1719397687049E+18
fi_gradi : = 28302.014325524
t1 : = 1.081030923524E-14
tpunto1 : = 1.003085134704
tduepunti0 : = -3.7507269775371E+16
v=v_elettrone : = 15606683.418566
x0= : -1.0414108728733E-12
y0= : -9.3679450471642E-13
*****
i=41480
k(41480)=0.99906516004966
kQ(41480)=0.99813119402505
r1= : 1.4038000904707E-12
rpunto1 : = 12959914.799548
rduepunti0 : = -7.5386011336212E+25
fil : = 493.96405876403
fipunto1 : = 6.1585511849178E+18
fi_gradi : = 28302.055798331
t1 : = 1.0810309352881E-14
tpunto1 : = 1.0030807484712
tduepunti0 : = -3.7400082370994E+16
v=v_elettrone : = 15594073.563059
x0= : -1.041861845203E-12
y0= : -9.385684092045E-13
```

```
*****
i=41481
k(41481)=0.99906643390949
kQ(41481)=0.99813373936463
r1= : 1.4053200123441E-12
rpunto1: = 12951086.000725
rduepunti0 : = -7.5280501274821E+25
fil : = 493.96478103087
fipunto1 : = 6.1452152167584E+18
fi_gradi : = 28302.097181173
t1 : = 1.0810309470521E-14
tpunto1 : = 1.0030763747543
tduepunti0 : = -3.7293363455664E+16
v=v_elettrone : = 15581489.576445
x0= : -1.0423115027256E-12
y0= : -9.4034112176991E-13
*****
i=41482
k(41482)=0.99906770511987
kQ(41482)=0.99813627941349
r1= : 1.4068388987875E-12
rpunto1: = 12942269.549376
rduepunti0 : = -7.517521809058E+25
fil : = 493.96550173368
fipunto1 : = 6.1319315745951E+18
fi_gradi : = 28302.138474402
t1 : = 1.081030958816E-14
tpunto1 : = 1.0030720134986
tduepunti0 : = -3.7187110289198E+16
v=v_elettrone : = 15568931.363055
x0= : -1.0427598491483E-12
y0= : -9.4211264406068E-13
*****
i=41483
k(41483)=0.99906897368828
kQ(41483)=0.99813881418656
r1= : 1.408356751249E-12
rpunto1: = 12933465.418927
rduepunti0 : = -7.5070161504676E+25
fil : = 493.9662208786
fipunto1 : = 6.1186999708312E+18
fi_gradi : = 28302.179678371
t1 : = 1.0810309705799E-14
tpunto1 : = 1.0030676646498
tduepunti0 : = -3.7081320151325E+16
v=v_elettrone : = 15556398.828774
x0= : -1.0432068881625E-12
y0= : -9.4388297772128E-13
*****
i=41484
k(41484)=0.99907023962217
kQ(41484)=0.99814134369871
r1= : 1.4098735711736E-12
rpunto1: = 12924673.582835
rduepunti0 : = -7.496533123366E+25
fil : = 493.96693847174
fipunto1 : = 6.1055201198878E+18
fi_gradi : = 28302.220793429
t1 : = 1.0810309823438E-14
tpunto1 : = 1.003063328154
tduepunti0 : = -3.6975990341509E+16
v=v_elettrone : = 15543891.879497
x0= : -1.0436526234433E-12
y0= : -9.456521243928E-13
```

```
*****
i=41485
k(41485)=0.99907150292898
kQ(41485)=0.99814386796477
r1= : 1.4113893600031E-12
rpunto1 : = 12915894.014591
rduepunti0 : = -7.4860726989553E+25
fil : = 493.96765451916
fipunto1 : = 6.0923917381868E+18
fi_gradi : = 28302.261819924
t1 : = 1.0810309941076E-14
tpunto1 : = 1.0030590039574
tduepunti0 : = -3.6871118178778E+16
v=v_elettrone : = 15531410.420423
x0= : -1.04409705865E-12
y0= : -9.4742008571289E-13
*****
i=41486
k(41486)=0.99907276361612
kQ(41486)=0.99814638699955
r1= : 1.4129041191764E-12
rpunto1 : = 12907126.687723
rduepunti0 : = -7.4756348479931E+25
fil : = 493.9683690269
fipunto1 : = 6.079314544134E+18
fi_gradi : = 28302.302758202
t1 : = 1.0810310058713E-14
tpunto1 : = 1.0030546920068
tduepunti0 : = -3.6766701001563E+16
v=v_elettrone : = 15518954.359449
x0= : -1.0445401974262E-12
y0= : -9.4918686331556E-13
*****
i=41487
k(41487)=0.99907402169098
kQ(41487)=0.99814890081779
r1= : 1.414417850129E-12
rpunto1 : = 12898371.575792
rduepunti0 : = -7.465219540802E+25
fil : = 493.96908200097
fipunto1 : = 6.0662882581021E+18
fi_gradi : = 28302.343608607
t1 : = 1.081031017635E-14
tpunto1 : = 1.003050392249
tduepunti0 : = -3.6662736167524E+16
v=v_elettrone : = 15506523.60302
x0= : -1.0449820433997E-12
y0= : -9.5095245883154E-13
*****
i=41488
k(41488)=0.99907527716094
kQ(41488)=0.9981514094342
r1= : 1.4159305542935E-12
rpunto1 : = 12889628.652392
rduepunti0 : = -7.4548267472788E+25
fil : = 493.96979344733
fipunto1 : = 6.053312602414E+18
fi_gradi : = 28302.384371481
t1 : = 1.0810310293987E-14
tpunto1 : = 1.0030461046313
tduepunti0 : = -3.6559221053387E+16
v=v_elettrone : = 15494118.05955
x0= : -1.0454226001826E-12
y0= : -9.5271687388798E-13
```

```

*****
i=41489
k(41489)=0.99907653003334
kQ(41489)=0.99815391286347
r1= : 1.4174422330994E-12
rpunto1 : = 12880897.891157
rduepunti0 : = -7.4444564369029E+25
fil : = 493.97050337192
fipunto1 : = 6.0403873013267E+18
fi_gradi : = 28302.425047164
t1 : = 1.0810310411622E-14
tpunto1 : = 1.0030418291013
tduepunti0 : = -3.6456153054783E+16
v=v_elettrone : = 15481737.636406
x0= : -1.0458618713715E-12
y0= : -9.5448011010869E-13
*****
i=41490
k(41490)=0.99907778031553
kQ(41490)=0.99815641112021
r1= : 1.418952887973E-12
rpunto1 : = 12872179.265755
rduepunti0 : = -7.4341085787458E+25
fil : = 493.97121178065
fipunto1 : = 6.0275120810148E+18
fi_gradi : = 28302.465635994
t1 : = 1.0810310529258E-14
tpunto1 : = 1.0030375656068
tduepunti0 : = -3.6353529586085E+16
v=v_elettrone : = 15469382.242552
x0= : -1.0462998605476E-12
y0= : -9.562421691139E-13
*****
i=41491
k(41491)=0.99907902801482
kQ(41491)=0.99815890421903
r1= : 1.4204625203376E-12
rpunto1 : = 12863472.749891
rduepunti0 : = -7.4237831414788E+25
fil : = 493.97191867939
fipunto1 : = 6.0146866695543E+18
fi_gradi : = 28302.506138309
t1 : = 1.0810310646893E-14
tpunto1 : = 1.0030333140961
tduepunti0 : = -3.6251348080248E+16
v=v_elettrone : = 15457051.78744
x0= : -1.0467365712768E-12
y0= : -9.5800305252045E-13
*****
i=41492
k(41492)=0.99908027313848
kQ(41492)=0.99816139217446
r1= : 1.4219711316134E-12
rpunto1 : = 12854778.317307
rduepunti0 : = -7.4134800933823E+25
fil : = 493.97262407399
fipunto1 : = 6.0019107969069E+18
fi_gradi : = 28302.546554442
t1 : = 1.0810310764527E-14
tpunto1 : = 1.0030290745176
tduepunti0 : = -3.6149605988648E+16
v=v_elettrone : = 15444746.179878
x0= : -1.0471720071095E-12
y0= : -9.5976276194179E-13

```

```
*****
i=41493
k(41493)=0.9990815156938
kQ(41493)=0.99816387500103
r1= : 1.4234787232175E-12
rpunto1 : = 12846095.941783
rduepunti0 : = -7.4031994023536E+25
fil : = 493.97332797024
fipunto1 : = 5.9891841949036E+18
fi_gradi : = 28302.586884726
t1 : = 1.0810310882161E-14
tpunto1 : = 1.0030248468199
tduepunti0 : = -3.604830078093E+16
v=v_elettrone : = 15432465.330311
x0= : -1.047606171581E-12
y0= : -9.6152129898781E-13
*****
i=41494
k(41494)=0.99908275568803
kQ(41494)=0.99816635271319
r1= : 1.424985296564E-12
rpunto1 : = 12837425.597138
rduepunti0 : = -7.3929410359155E+25
fil : = 493.97403037394
fipunto1 : = 5.9765065972297E+18
fi_gradi : = 28302.627129494
t1 : = 1.0810310999795E-14
tpunto1 : = 1.0030206309523
tduepunti0 : = -3.5947429944848E+16
v=v_elettrone : = 15420209.149316
x0= : -1.0480390682118E-12
y0= : -9.6327866526506E-13
*****
i=41495
k(41495)=0.9990839931284
kQ(41495)=0.99816882532538
r1= : 1.4264908530638E-12
rpunto1 : = 12828767.257227
rduepunti0 : = -7.3827049612241E+25
fil : = 493.97473129082
fipunto1 : = 5.9638777394091E+18
fi_gradi : = 28302.667289073
t1 : = 1.0810311117428E-14
tpunto1 : = 1.0030164268641
tduepunti0 : = -3.5846990986115E+16
v=v_elettrone : = 15407977.547607
x0= : -1.0484707005068E-12
y0= : -9.6503486237664E-13
*****
i=41496
k(41496)=0.99908522802211
kQ(41496)=0.99817129285198
r1= : 1.4279953941248E-12
rpunto1 : = 12820120.895946
rduepunti0 : = -7.3724911450767E+25
fil : = 493.97543072661
fipunto1 : = 5.9512973587885E+18
fi_gradi : = 28302.707363792
t1 : = 1.081031123506E-14
tpunto1 : = 1.0030122345048
tduepunti0 : = -3.5746981428245E+16
v=v_elettrone : = 15395770.436812
x0= : -1.0489010719566E-12
y0= : -9.6678989192221E-13
```

```
*****
i=41497
k(41497)=0.99908646037635
kQ(41497)=0.99817375530734
r1= : 1.4294989211518E-12
rpunto1: = 12811486.48723
rduepunti0 : = -7.3622995539201E+25
fil : = 493.97612868699
fipunto1 : = 5.9387651945229E+18
fi_gradi : = 28302.747353976
t1 : = 1.0810311352692E-14
tpunto1 : = 1.0030080538244
tduepunti0 : = -3.5647398812409E+16
v=v_elettrone : = 15383587.728334
x0= : -1.0493301860364E-12
y0= : -9.6854375549806E-13
*****
i=41498
k(41498)=0.99908769019829
kQ(41498)=0.99817621270576
r1= : 1.4310014355466E-12
rpunto1: = 12802864.005053
rduepunti0 : = -7.3521301538576E+25
fil : = 493.97682517761
fipunto1 : = 5.92628098756E+18
fi_gradi : = 28302.787259949
t1 : = 1.0810311470323E-14
tpunto1 : = 1.0030038847732
tduepunti0 : = -3.554824069728E+16
v=v_elettrone : = 15371429.334888
x0= : -1.0497580462071E-12
y0= : -9.7029645469698E-13
*****
i=41499
k(41499)=0.99908891749508
kQ(41499)=0.9981786650615
r1= : 1.4325029387081E-12
rpunto1: = 12794253.423431
rduepunti0 : = -7.3419829106573E+25
fil : = 493.9775202041
fipunto1 : = 5.9138444806255E+18
fi_gradi : = 28302.827082033
t1 : = 1.0810311587954E-14
tpunto1 : = 1.0029997273016
tduepunti0 : = -3.5449504658889E+16
v=v_elettrone : = 15359295.168591
x0= : -1.0501846559147E-12
y0= : -9.7204799110843E-13
*****
i=41500
k(41500)=0.99909014227385
kQ(41500)=0.99818111238879
r1= : 1.4340034320317E-12
rpunto1: = 12785654.716418
rduepunti0 : = -7.3318577897591E+25
fil : = 493.97821377205
fipunto1 : = 5.9014554182082E+18
fi_gradi : = 28302.86682055
t1 : = 1.0810311705585E-14
tpunto1 : = 1.0029955813605
tduepunti0 : = -3.5351188290475E+16
v=v_elettrone : = 15347185.143291
x0= : -1.0506100185906E-12
y0= : -9.7379836631837E-13
```

```
*****
i=41501
k(41501)=0.99909136454171
kQ(41501)=0.99818355470181
r1= : 1.4355029169102E-12
rpunto1: = 12777067.858111
rduepunti0 : = -7.3217547562822E+25
fil : = 493.97890588703
fipunto1 : = 5.8891135465456E+18
fi_gradi : = 28302.906475817
t1 : = 1.0810311823215E-14
tpunto1 : = 1.0029914469008
tduepunti0 : = -3.5253289202342E+16
v=v_elettrone : = 15335099.172238
x0= : -1.0510341376517E-12
y0= : -9.7554758190947E-13
*****
i=41502
k(41502)=0.99909258430573
kQ(41502)=0.9981859920147
r1= : 1.4370013947333E-12
rpunto1: = 12768492.822647
rduepunti0 : = -7.3116737750323E+25
fil : = 493.97959655458
fipunto1 : = 5.8768186136092E+18
fi_gradi : = 28302.946048152
t1 : = 1.0810311940844E-14
tpunto1 : = 1.0029873238739
tduepunti0 : = -3.5155805021715E+16
v=v_elettrone : = 15323037.169298
x0= : -1.0514570165007E-12
y0= : -9.7729563946094E-13
*****
i=41503
k(41503)=0.99909380157298
kQ(41503)=0.99818842434156
r1= : 1.4384988668873E-12
rpunto1: = 12759929.584205
rduepunti0 : = -7.3016148105085E+25
fil : = 493.98028578018
fipunto1 : = 5.8645703690904E+18
fi_gradi : = 28302.985537871
t1 : = 1.0810312058474E-14
tpunto1 : = 1.0029832122315
tduepunti0 : = -3.5058733392597E+16
v=v_elettrone : = 15310999.049278
x0= : -1.0518786585255E-12
y0= : -9.7904254054859E-13
*****
i=41504
k(41504)=0.99909501635052
kQ(41504)=0.99819085169644
r1= : 1.4399953347559E-12
rpunto1: = 12751378.117007
rduepunti0 : = -7.291577826911E+25
fil : = 493.98097356933
fipunto1 : = 5.8523685643858E+18
fi_gradi : = 28303.024945286
t1 : = 1.0810312176102E-14
tpunto1 : = 1.0029791119253
tduepunti0 : = -3.4962071975629E+16
v=v_elettrone : = 15298984.726464
x0= : -1.0522990671003E-12
y0= : -9.8078828674489E-13
```



```
*****
i=41505
k(41505)=0.99909622864536
kQ(41505)=0.99819327409338
r1= : 1.4414907997197E-12
rpunto1 : = 12742838.395315
rduepunti0 : = -7.281562788147E+25
fil : = 493.98165992747
fipunto1 : = 5.8402129525839E+18
fi_gradi : = 28303.064270711
t1 : = 1.081031229373E-14
tpunto1 : = 1.0029750229077
tduepunti0 : = -3.4865818447949E+16
v=v_elettrone : = 15286994.116888
x0= : -1.0527182455846E-12
y0= : -9.8253287961885E-13
*****
i=41506
k(41506)=0.99909743846451
kQ(41506)=0.99819569154634
r1= : 1.442985263156E-12
rpunto1 : = 12734310.393435
rduepunti0 : = -7.2715696578383E+25
fil : = 493.98234486002
fipunto1 : = 5.8281032884504E+18
fi_gradi : = 28303.103514455
t1 : = 1.0810312411358E-14
tpunto1 : = 1.002970945131
tduepunti0 : = -3.4769970503056E+16
v=v_elettrone : = 15275027.135668
x0= : -1.0531361973242E-12
y0= : -9.842763207362E-13
*****
i=41507
k(41507)=0.99909864581494
kQ(41507)=0.99819810406926
r1= : 1.4444787264395E-12
rpunto1 : = 12725794.085717
rduepunti0 : = -7.2615983993277E+25
fil : = 493.98302837235
fipunto1 : = 5.8160393284149E+18
fi_gradi : = 28303.142676827
t1 : = 1.0810312528985E-14
tpunto1 : = 1.0029668785479
tduepunti0 : = -3.467452585067E+16
v=v_elettrone : = 15263083.699706
x0= : -1.0535529256507E-12
y0= : -9.8601861165921E-13
*****
i=41508
k(41508)=0.99909985070364
kQ(41508)=0.99820051167603
r1= : 1.4459711909414E-12
rpunto1 : = 12717289.446554
rduepunti0 : = -7.2516489756852E+25
fil : = 493.98371046985
fipunto1 : = 5.8040208305569E+18
fi_gradi : = 28303.181758135
t1 : = 1.0810312646612E-14
tpunto1 : = 1.0029628231114
tduepunti0 : = -3.45794822166E+16
v=v_elettrone : = 15251163.724608
x0= : -1.0539684338816E-12
y0= : -9.877597539469E-13
```

```
*****
i=41509
k(41509)=0.99910105313753
kQ(41509)=0.99820291438052
r1= : 1.4474626580304E-12
rpunto1: = 12708796.45038
rduepunti0 : = -7.2417213497151E+25
fil : = 493.98439115783
fipunto1 : = 5.7920475545927E+18
fi_gradi : = 28303.220758683
t1 : = 1.0810312764238E-14
tpunto1 : = 1.0029587787748
tduepunti0 : = -3.4484837342606E+16
v=v_elettrone : = 15239267.127786
x0= : -1.0543827253209E-12
y0= : -9.8949974915481E-13
*****
i=41510
k(41510)=0.99910225312354
kQ(41510)=0.99820531219653
r1= : 1.448953129072E-12
rpunto1: = 12700315.071676
rduepunti0 : = -7.231815483962E+25
fil : = 493.9850704416
fipunto1 : = 5.7801192618615E+18
fi_gradi : = 28303.259678776
t1 : = 1.0810312881863E-14
tpunto1 : = 1.0029547454914
tduepunti0 : = -3.439058898627E+16
v=v_elettrone : = 15227393.826918
x0= : -1.0547958032586E-12
y0= : -9.9123859883515E-13
*****
i=41511
k(41511)=0.99910345066857
kQ(41511)=0.99820770513784
r1= : 1.4504426054285E-12
rpunto1: = 12691845.284967
rduepunti0 : = -7.221931340717E+25
fil : = 493.98574832643
fipunto1 : = 5.7682357153125E+18
fi_gradi : = 28303.298518716
t1 : = 1.0810312999489E-14
tpunto1 : = 1.0029507232152
tduepunti0 : = -3.4296734920861E+16
v=v_elettrone : = 15215543.73918
x0= : -1.0552076709709E-12
y0= : -9.9297630453684E-13
*****
i=41512
k(41512)=0.9991046457795
kQ(41512)=0.99821009321818
r1= : 1.4519310884595E-12
rpunto1: = 12683387.06482
rduepunti0 : = -7.2120688820241E+25
fil : = 493.98642481758
fipunto1 : = 5.7563966794915E+18
fi_gradi : = 28303.337278804
t1 : = 1.0810313117113E-14
tpunto1 : = 1.0029467119
tduepunti0 : = -3.4203272935204E+16
v=v_elettrone : = 15203716.783585
x0= : -1.0556183317206E-12
y0= : -9.9471286780538E-13
```

```
*****
i=41513
k(41513)=0.99910583846319
kQ(41513)=0.99821247645124
r1= : 1.4534185795214E-12
rpunto1 : = 12674940.385849
rduepunti0 : = -7.2022280696859E+25
fil : = 493.98709992026
fipunto1 : = 5.744601920528E+18
fi_gradi : = 28303.375959338
t1 : = 1.0810313234738E-14
tpunto1 : = 1.0029427115002
tduepunti0 : = -3.4110200833556E+16
v=v_elettrone : = 15191912.877881
x0= : -1.0560277887567E-12
y0= : -9.9644829018302E-13
*****
i=41514
k(41514)=0.99910702872649
kQ(41514)=0.99821485485068
r1= : 1.454905079968E-12
rpunto1 : = 12666505.222712
rduepunti0 : = -7.1924088652702E+25
fil : = 493.98777363967
fipunto1 : = 5.7328512061224E+18
fi_gradi : = 28303.414560617
t1 : = 1.0810313352361E-14
tpunto1 : = 1.0029387219703
tduepunti0 : = -3.4017516435472E+16
v=v_elettrone : = 15180131.941666
x0= : -1.056436045315E-12
y0= : -9.9818257320859E-13
*****
i=41515
k(41515)=0.99910821657621
kQ(41515)=0.9982172284301
r1= : 1.4563905911496E-12
rpunto1 : = 12658081.550115
rduepunti0 : = -7.182611230115E+25
fil : = 493.98844598096
fipunto1 : = 5.721144305533E+18
fi_gradi : = 28303.453082935
t1 : = 1.0810313469985E-14
tpunto1 : = 1.0029347432652
tduepunti0 : = -3.3925217575682E+16
v=v_elettrone : = 15168373.89407
x0= : -1.0568431046177E-12
y0= : -9.9991571841763E-13
*****
i=41516
k(41516)=0.99910940201915
kQ(41516)=0.99821959720307
r1= : 1.4578751144138E-12
rpunto1 : = 12649669.342805
rduepunti0 : = -7.172835125335E+25
fil : = 493.98911694929
fipunto1 : = 5.7094809895633E+18
fi_gradi : = 28303.491526589
t1 : = 1.0810313587608E-14
tpunto1 : = 1.0029307753397
tduepunti0 : = -3.3833302103964E+16
v=v_elettrone : = 15156638.654924
x0= : -1.0572489698736E-12
y0= : -1.0016477273424E-12
```

```

*****
i=41517
k(41517)=0.99911058506209
kQ(41517)=0.99822196118312
r1= : 1.4593586511054E-12
rpunto1 : = 12641268.575578
rduepunti0 : = -7.1630805118271E+25
fil : = 493.98978654976
fipunto1 : = 5.69786103055E+18
fi_gradi : = 28303.52989187
t1 : = 1.081031370523E-14
tpunto1 : = 1.0029268181492
tduepunti0 : = -3.3741767885019E+16
v=v_elettrone : = 15144926.144764
x0= : -1.0576536442785E-12
y0= : -1.0033786015116E-12
*****
i=41518
k(41518)=0.9991117657118
kQ(41518)=0.99822432038374
r1= : 1.460841202566E-12
rpunto1 : = 12632879.223276
rduepunti0 : = -7.1533473502756E+25
fil : = 493.99045478746
fipunto1 : = 5.6862842023498E+18
fi_gradi : = 28303.56817907
t1 : = 1.0810313822852E-14
tpunto1 : = 1.0029228716493
tduepunti0 : = -3.3650612798351E+16
v=v_elettrone : = 15133236.283687
x0= : -1.0580571310149E-12
y0= : -1.0051083424511E-12
*****
i=41519
k(41519)=0.999112943975
kQ(41519)=0.99822667481839
r1= : 1.4623227701344E-12
rpunto1 : = 12624501.260787
rduepunti0 : = -7.1436356011584E+25
fil : = 493.99112166744
fipunto1 : = 5.6747502803278E+18
fi_gradi : = 28303.606388478
t1 : = 1.0810313940474E-14
tpunto1 : = 1.0029189357958
tduepunti0 : = -3.3559834738139E+16
v=v_elettrone : = 15121568.992893
x0= : -1.058459433252E-12
y0= : -1.0068369516831E-12
*****
i=41520
k(41520)=0.99911411985842
kQ(41520)=0.99822902450046
r1= : 1.4638033551462E-12
rpunto1 : = 12616134.663044
rduepunti0 : = -7.1339452247517E+25
fil : = 493.99178719474
fipunto1 : = 5.6632590413449E+18
fi_gradi : = 28303.644520383
t1 : = 1.0810314058095E-14
tpunto1 : = 1.0029150105446
tduepunti0 : = -3.3469431613124E+16
v=v_elettrone : = 15109924.19393
x0= : -1.0588605541462E-12
y0= : -1.0085644307264E-12

```

```
*****
i=41521
k(41521)=0.99911529336875
kQ(41521)=0.99823136944332
r1= : 1.4652829589344E-12
rpunto1 : = 12607779.40503
rduepunti0 : = -7.1242761811359E+25
fil : = 493.99245137436
fipunto1 : = 5.6518102637457E+18
fi_gradi : = 28303.682575072
t1 : = 1.0810314175715E-14
tpunto1 : = 1.002911095852
tduepunti0 : = -3.3379401346484E+16
v=v_elettrone : = 15098301.807923
x0= : -1.059260496841E-12
y0= : -1.010290781097E-12
*****
i=41522
k(41522)=0.99911646451267
kQ(41522)=0.9982337096603
r1= : 1.4667615828288E-12
rpunto1 : = 12599435.461771
rduepunti0 : = -7.1146284302004E+25
fil : = 493.99311421128
fipunto1 : = 5.6404037273469E+18
fi_gradi : = 28303.72055283
t1 : = 1.0810314293335E-14
tpunto1 : = 1.0029071916746
tduepunti0 : = -3.3289741875715E+16
v=v_elettrone : = 15086701.757907
x0= : -1.0596592644667E-12
y0= : -1.0120160043069E-12
*****
i=41523
k(41523)=0.99911763329684
kQ(41523)=0.99823604516469
r1= : 1.4682392281565E-12
rpunto1 : = 12591102.808345
rduepunti0 : = -7.105001931649E+25
fil : = 493.99377571046
fipunto1 : = 5.6290392134252E+18
fi_gradi : = 28303.758453942
t1 : = 1.0810314410955E-14
tpunto1 : = 1.002903297969
tduepunti0 : = -3.3200451152517E+16
v=v_elettrone : = 15075123.965725
x0= : -1.060056860141E-12
y0= : -1.0137401018656E-12
*****
i=41524
k(41524)=0.9991187997279
kQ(41524)=0.99823837596973
r1= : 1.4697158962414E-12
rpunto1 : = 12582781.419873
rduepunti0 : = -7.0953966450052E+25
fil : = 493.99443587682
fipunto1 : = 5.6177165047057E+18
fi_gradi : = 28303.796278688
t1 : = 1.0810314528574E-14
tpunto1 : = 1.0028994146924
tduepunti0 : = -3.3111527142676E+16
v=v_elettrone : = 15063568.354762
x0= : -1.0604532869689E-12
y0= : -1.0154630752787E-12
```

```
*****
i=41525
k(41525)=0.99911996381247
kQ(41525)=0.99824070208863
r1= : 1.4711915884048E-12
rpunto1 : = 12574471.271526
rduepunti0 : = -7.0858125296166E+25
fil : = 493.99509471527
fipunto1 : = 5.60643538535E+18
fi_gradi : = 28303.834027351
t1 : = 1.0810314646193E-14
tpunto1 : = 1.0028955418019
tduepunti0 : = -3.3022967825947E+16
v=v_elettrone : = 15052034.847614
x0= : -1.0608485480424E-12
y0= : -1.0171849260489E-12
*****
i=41526
k(41526)=0.99912112555713
kQ(41526)=0.99824302353455
r1= : 1.4726663059649E-12
rpunto1 : = 12566172.338523
rduepunti0 : = -7.0762495446602E+25
fil : = 493.99575223069
fipunto1 : = 5.5951956409452E+18
fi_gradi : = 28303.871700209
t1 : = 1.0810314763811E-14
tpunto1 : = 1.002891679255
tduepunti0 : = -3.2934771195945E+16
v=v_elettrone : = 15040523.368823
x0= : -1.0612426464413E-12
y0= : -1.0189056556754E-12
*****
i=41527
k(41527)=0.99912228496847
kQ(41527)=0.99824534032062
r1= : 1.474140050237E-12
rpunto1 : = 12557884.596131
rduepunti0 : = -7.0667076491473E+25
fil : = 493.99640842792
fipunto1 : = 5.5839970584918E+18
fi_gradi : = 28303.909297541
t1 : = 1.0810314881429E-14
tpunto1 : = 1.0028878270093
tduepunti0 : = -3.2846935260026E+16
v=v_elettrone : = 15029033.841374
x0= : -1.0616355852326E-12
y0= : -1.0206252656544E-12
*****
i=41528
k(41528)=0.99912344205305
kQ(41528)=0.99824765245993
r1= : 1.4756128225334E-12
rpunto1 : = 12549608.019663
rduepunti0 : = -7.0571868019282E+25
fil : = 493.9970633118
fipunto1 : = 5.5728394263932E+18
fi_gradi : = 28303.946819623
t1 : = 1.0810314999046E-14
tpunto1 : = 1.0028839850229
tduepunti0 : = -3.2759458039177E+16
v=v_elettrone : = 15017566.190607
x0= : -1.0620273674709E-12
y0= : -1.0223437574785E-12
```

```

*****
i=41529
k(41529)=0.99912459681739
kQ(41529)=0.99824995996551
r1= : 1.4770846241638E-12
rpunto1 : = 12541342.584485
rduepunti0 : = -7.0476869616965E+25
fil : = 493.99771688713
fipunto1 : = 5.5617225344439E+18
fi_gradi : = 28303.984266731
t1 : = 1.0810315116663E-14
tpunto1 : = 1.0028801532538
tduepunti0 : = -3.2672337567908E+16
v=v_elettrone : = 15006120.340306
x0= : -1.0624179961984E-12
y0= : -1.0240611326375E-12
*****
i=41530
k(41530)=0.99912574926802
kQ(41530)=0.99825226285038
r1= : 1.4785554564347E-12
rpunto1 : = 12533088.266006
rduepunti0 : = -7.0382080869943E+25
fil : = 493.99836915868
fipunto1 : = 5.5506461738187E+18
fi_gradi : = 28304.021639138
t1 : = 1.081031523428E-14
tpunto1 : = 1.0028763316605
tduepunti0 : = -3.2585571894138E+16
v=v_elettrone : = 14994696.216643
x0= : -1.0628074744449E-12
y0= : -1.0257773926174E-12
*****
i=41531
k(41531)=0.99912689941143
kQ(41531)=0.9982545611275
r1= : 1.4800253206499E-12
rpunto1 : = 12524845.039689
rduepunti0 : = -7.0287501362163E+25
fil : = 493.99902013121
fipunto1 : = 5.5396101370614E+18
fi_gradi : = 28304.058937117
t1 : = 1.0810315351896E-14
tpunto1 : = 1.0028725202016
tduepunti0 : = -3.2499159079089E+16
v=v_elettrone : = 14983293.744231
x0= : -1.063195805228E-12
y0= : -1.0274925389015E-12
*****
i=41532
k(41532)=0.9991280472541
kQ(41532)=0.9982568548098
r1= : 1.4814942181104E-12
rpunto1 : = 12516612.881042
rduepunti0 : = -7.0193130676146E+25
fil : = 493.99966980945
fipunto1 : = 5.5286142180746E+18
fi_gradi : = 28304.096160938
t1 : = 1.0810315469511E-14
tpunto1 : = 1.0028687188359
tduepunti0 : = -3.2413097197176E+16
v=v_elettrone : = 14971912.849307
x0= : -1.0635829915531E-12
y0= : -1.0292065729696E-12

```

```
*****
i=41533
k(41533)=0.99912919280249
kQ(41533)=0.99825914391016
r1= : 1.482962150114E-12
rpunto1: = 12508391.765625
rduepunti0 : = -7.0098968393027E+25
fil : = 494.0003181981
fipunto1 : = 5.5176582121082E+18
fi_gradi : = 28304.133310871
t1 : = 1.0810315587126E-14
tpunto1 : = 1.0028649275225
tduepunti0 : = -3.2327384335902E+16
v=v_elettrone : = 14960553.457741
x0= : -1.0639690364134E-12
y0= : -1.0309194962983E-12
*****
i=41534
k(41534)=0.99913033606303
kQ(41534)=0.99826142844142
r1= : 1.484429117956E-12
rpunto1: = 12500181.669046
rduepunti0 : = -7.0005014092601E+25
fil : = 494.00096530185
fipunto1 : = 5.506741915749E+18
fi_gradi : = 28304.170387184
t1 : = 1.0810315704741E-14
tpunto1 : = 1.0028611462207
tduepunti0 : = -3.2242018595751E+16
v=v_elettrone : = 14949215.496644
x0= : -1.0643539427901E-12
y0= : -1.032631310361E-12
*****
i=41535
k(41535)=0.99913147704214
kQ(41535)=0.9982637084164
r1= : 1.4858951229285E-12
rpunto1: = 12491982.566962
rduepunti0 : = -6.9911267353364E+25
fil : = 494.00161112534
fipunto1 : = 5.4958651269103E+18
fi_gradi : = 28304.207390145
t1 : = 1.0810315822355E-14
tpunto1 : = 1.00285737489
tduepunti0 : = -3.2156998090083E+16
v=v_elettrone : = 14937898.891992
x0= : -1.0647377136523E-12
y0= : -1.0343420166279E-12
*****
i=41536
k(41536)=0.99913261574621
kQ(41536)=0.99826598384786
r1= : 1.4873601663211E-12
rpunto1: = 12483794.435079
rduepunti0 : = -6.9817727752554E+25
fil : = 494.00225567322
fipunto1 : = 5.485027644821E+18
fi_gradi : = 28304.244320018
t1 : = 1.0810315939969E-14
tpunto1 : = 1.0028536134901
tduepunti0 : = -3.2072320945031E+16
v=v_elettrone : = 14926603.572185
x0= : -1.0651203519573E-12
y0= : -1.036051616566E-12
```



```
*****
i=41537
k(41537)=0.99913375218162
kQ(41537)=0.99826825474853
r1= : 1.4888242494203E-12
rpunto1 : = 12475617.249156
rduepunti0 : = -6.9724394866198E+25
fil : = 494.0028989501
fipunto1 : = 5.4742292700156E+18
fi_gradi : = 28304.281177068
t1 : = 1.0810316057583E-14
tpunto1 : = 1.002849861981
tduepunti0 : = -3.1987985299398E+16
v=v_elettrone : = 14915329.463721
x0= : -1.0655018606504E-12
y0= : -1.0377601116391E-12
*****
i=41538
k(41538)=0.99913488635473
kQ(41538)=0.99827052113109
r1= : 1.4902873735098E-12
rpunto1 : = 12467450.984999
rduepunti0 : = -6.9631268269141E+25
fil : = 494.00354096055
fipunto1 : = 5.4634698043238E+18
fi_gradi : = 28304.317961558
t1 : = 1.0810316175195E-14
tpunto1 : = 1.0028461203228
tduepunti0 : = -3.1903989304555E+16
v=v_elettrone : = 14904076.495539
x0= : -1.0658822426651E-12
y0= : -1.0394675033078E-12
*****
i=41539
k(41539)=0.99913601827188
kQ(41539)=0.99827278300819
r1= : 1.4917495398705E-12
rpunto1 : = 12459295.618463
rduepunti0 : = -6.9538347535099E+25
fil : = 494.00418170915
fipunto1 : = 5.4527490508604E+18
fi_gradi : = 28304.354673748
t1 : = 1.0810316292808E-14
tpunto1 : = 1.002842388476
tduepunti0 : = -3.1820331124339E+16
v=v_elettrone : = 14892844.595072
x0= : -1.0662615009232E-12
y0= : -1.0411737930295E-12
*****
i=41540
k(41540)=0.99913714793939
kQ(41540)=0.99827504039245
r1= : 1.4932107497804E-12
rpunto1 : = 12451151.125457
rduepunti0 : = -6.9445632236687E+25
fil : = 494.00482120044
fipunto1 : = 5.4420668140147E+18
fi_gradi : = 28304.3913139
t1 : = 1.081031641042E-14
tpunto1 : = 1.002838666401
tduepunti0 : = -3.1737008934953E+16
v=v_elettrone : = 14881633.691425
x0= : -1.0666396383349E-12
y0= : -1.0428789822585E-12
```

```
*****
i=41541
k(41541)=0.99913827536354
kQ(41541)=0.99827729329643
r1= : 1.4946710045149E-12
rpunto1 : = 12443017.481937
rduepunti0 : = -6.9353121945464E+25
fil : = 494.00545943892
fipunto1 : = 5.4314228994411E+18
fi_gradi : = 28304.427882271
t1 : = 1.0810316528032E-14
tpunto1 : = 1.0028349540588
tduepunti0 : = -3.1654020924869E+16
v=v_elettrone : = 14870443.712999
x0= : -1.0670166577984E-12
y0= : -1.0445830724459E-12
*****
i=41542
k(41542)=0.99913940055063
kQ(41542)=0.99827954173266
r1= : 1.4961303053463E-12
rpunto1 : = 12434894.66391
rduepunti0 : = -6.9260816231969E+25
fil : = 494.0060964291
fipunto1 : = 5.4208171140492E+18
fi_gradi : = 28304.46437912
t1 : = 1.0810316645643E-14
tpunto1 : = 1.0028312514103
tduepunti0 : = -3.1571365294728E+16
v=v_elettrone : = 14859274.589873
x0= : -1.067392562201E-12
y0= : -1.0462860650394E-12
*****
i=41543
k(41543)=0.9991405235069
kQ(41543)=0.99828178571364
r1= : 1.4975886535442E-12
rpunto1 : = 12426782.647434
rduepunti0 : = -6.9168714665757E+25
fil : = 494.00673217545
fipunto1 : = 5.4102492659932E+18
fi_gradi : = 28304.500804703
t1 : = 1.0810316763253E-14
tpunto1 : = 1.0028275584168
tduepunti0 : = -3.1489040257241E+16
v=v_elettrone : = 14848126.251436
x0= : -1.0677673544178E-12
y0= : -1.0479879614839E-12
*****
i=41544
k(41544)=0.9991416442386
kQ(41544)=0.99828402525181
r1= : 1.4990460503754E-12
rpunto1 : = 12418681.408619
rduepunti0 : = -6.9076816815438E+25
fil : = 494.00736668242
fipunto1 : = 5.3997191646631E+18
fi_gradi : = 28304.537159274
t1 : = 1.0810316880864E-14
tpunto1 : = 1.0028238750398
tduepunti0 : = -3.1407044037097E+16
v=v_elettrone : = 14836998.627191
x0= : -1.0681410373129E-12
y0= : -1.049688763221E-12
```

```
*****
i=41545
k(41545)=0.99914276275194
kQ(41545)=0.99828626035958
r1= : 1.5005024971039E-12
rpunto1: = 12410590.923622
rduepunti0 : = -6.8985122248711E+25
fil : = 494.00799995442
fipunto1 : = 5.3892266206745E+18
fi_gradi : = 28304.573443087
t1 : = 1.0810316998474E-14
tpunto1 : = 1.0028202012407
tduepunti0 : = -3.1325374870865E+16
v=v_elettrone : = 14825891.647943
x0= : -1.0685136137389E-12
y0= : -1.0513884716891E-12
*****
i=41546
k(41546)=0.99914387905313
kQ(41546)=0.99828849104935
r1= : 1.5019579949909E-12
rpunto1: = 12402511.168654
rduepunti0 : = -6.8893630532399E+25
fil : = 494.00863199588
fipunto1 : = 5.3787714458593E+18
fi_gradi : = 28304.609656395
t1 : = 1.0810317116083E-14
tpunto1 : = 1.0028165369816
tduepunti0 : = -3.1244031006896E+16
v=v_elettrone : = 14814805.244211
x0= : -1.0688850865371E-12
y0= : -1.0530870883235E-12
*****
i=41547
k(41547)=0.99914499314835
kQ(41547)=0.99829071733342
r1= : 1.5034125452948E-12
rpunto1: = 12394442.119976
rduepunti0 : = -6.8802341232488E+25
fil : = 494.00926281117
fipunto1 : = 5.368353453256E+18
fi_gradi : = 28304.645799449
t1 : = 1.0810317233692E-14
tpunto1 : = 1.0028128822244
tduepunti0 : = -3.1163010705236E+16
v=v_elettrone : = 14803739.347052
x0= : -1.0692554585375E-12
y0= : -1.0547846145563E-12
*****
i=41548
k(41548)=0.99914610504376
kQ(41548)=0.99829293922412
r1= : 1.5048661492712E-12
rpunto1: = 12386383.7539
rduepunti0 : = -6.8711253914155E+25
fil : = 494.00989240465
fipunto1 : = 5.3579724571005E+18
fi_gradi : = 28304.681872498
t1 : = 1.0810317351301E-14
tpunto1 : = 1.0028092369315
tduepunti0 : = -3.1082312237529E+16
v=v_elettrone : = 14792693.887241
x0= : -1.069624732559E-12
y0= : -1.0564810518168E-12
```

```
*****
i=41549
k(41549)=0.9991472147455
kQ(41549)=0.99829515673368
r1= : 1.5063188081729E-12
rpunto1: = 12378336.046789
rduepunti0 : = -6.8620368141807E+25
fil : = 494.01052078065
fipunto1 : = 5.3476282728168E+18
fi_gradi : = 28304.717875791
t1 : = 1.0810317468909E-14
tpunto1 : = 1.0028056010652
tduepunti0 : = -3.1001933886924E+16
v=v_elettrone : = 14781668.796893
x0= : -1.0699929114092E-12
y0= : -1.0581764015306E-12
*****
i=41550
k(41550)=0.99914832225968
kQ(41550)=0.99829736987434
r1= : 1.5077705232501E-12
rpunto1: = 12370298.975056
rduepunti0 : = -6.852968347911E+25
fil : = 494.01114794351
fipunto1 : = 5.3373207170076E+18
fi_gradi : = 28304.753809576
t1 : = 1.0810317586517E-14
tpunto1 : = 1.0028019745882
tduepunti0 : = -3.0921873947986E+16
v=v_elettrone : = 14770664.007872
x0= : -1.0703599978849E-12
y0= : -1.0598706651207E-12
*****
i=41551
k(41551)=0.99914942759242
kQ(41551)=0.99829957865827
r1= : 1.50922129575E-12
rpunto1: = 12362272.515167
rduepunti0 : = -6.8439199489027E+25
fil : = 494.01177389751
fipunto1 : = 5.3270496074454E+18
fi_gradi : = 28304.789674098
t1 : = 1.0810317704124E-14
tpunto1 : = 1.0027983574634
tduepunti0 : = -3.0842130726606E+16
v=v_elettrone : = 14759679.452565
x0= : -1.0707259947716E-12
y0= : -1.0615638440067E-12
*****
i=41552
k(41552)=0.9991505307498
kQ(41552)=0.99830178309761
r1= : 1.5106711269172E-12
rpunto1: = 12354256.643639
rduepunti0 : = -6.8348915733843E+25
fil : = 494.01239864693
fipunto1 : = 5.3168147630634E+18
fi_gradi : = 28304.825469603
t1 : = 1.0810317821731E-14
tpunto1 : = 1.0027947496538
tduepunti0 : = -3.0762702539909E+16
v=v_elettrone : = 14748715.063145
x0= : -1.0710909048439E-12
y0= : -1.0632559396053E-12
```

```
*****
i=41553
k(41553)=0.99915163173788
kQ(41553)=0.99830398320448
r1= : 1.5121200179935E-12
rpunto1: = 12346251.33704
rduepunti0 : = -6.8258831775202E+25
fil : = 494.01302219602
fipunto1 : = 5.3066160039463E+18
fi_gradi : = 28304.861196334
t1 : = 1.0810317939337E-14
tpunto1 : = 1.0027911511228
tduepunti0 : = -3.0683587716167E+16
v=v_elettrone : = 14737770.772716
x0= : -1.0714547308657E-12
y0= : -1.06494695333E-12
*****
i=41554
k(41554)=0.99915273056271
kQ(41554)=0.99830617899093
r1= : 1.5135679702178E-12
rpunto1: = 12338256.57199
rduepunti0 : = -6.8168947174137E+25
fil : = 494.01364454901
fipunto1 : = 5.2964531513218E+18
fi_gradi : = 28304.896854534
t1 : = 1.0810318056943E-14
tpunto1 : = 1.0027875618336
tduepunti0 : = -3.060478459471E+16
v=v_elettrone : = 14726846.514159
x0= : -1.0718174755899E-12
y0= : -1.0666368865911E-12
*****
i=41555
k(41555)=0.99915382723031
kQ(41555)=0.99830837046898
r1= : 1.5150149848266E-12
rpunto1: = 12330272.325159
rduepunti0 : = -6.8079261491097E+25
fil : = 494.01426571011
fipunto1 : = 5.2863260275515E+18
fi_gradi : = 28304.932444444
t1 : = 1.0810318174549E-14
tpunto1 : = 1.00278398175
tduepunti0 : = -3.052629152584E+16
v=v_elettrone : = 14715942.221723
x0= : -1.0721791417586E-12
y0= : -1.068325740796E-12
*****
i=41556
k(41556)=0.9991549217467
kQ(41556)=0.99831055765064
r1= : 1.5164610630533E-12
rpunto1: = 12322298.573271
rduepunti0 : = -6.7989774285983E+25
fil : = 494.01488568352
fipunto1 : = 5.2762344561224E+18
fi_gradi : = 28304.967966304
t1 : = 1.0810318292154E-14
tpunto1 : = 1.0027804108358
tduepunti0 : = -3.0448106870746E+16
v=v_elettrone : = 14705057.828225
x0= : -1.0725397321031E-12
y0= : -1.0700135173489E-12
```

```
*****
i=41557
k(41557)=0.99915601411784
kQ(41557)=0.99831274054786
r1= : 1.5179062061288E-12
rpunto1: = 12314335.2931
rduepunti0 : = -6.7900485118171E+25
fil : = 494.0155044734
fipunto1 : = 5.266178261638E+18
fi_gradi : = 28305.003420352
t1 : = 1.0810318409759E-14
tpunto1 : = 1.0027768490551
tduepunti0 : = -3.0370229001413E+16
v=v_elettrone : = 14694193.268671
x0= : -1.0728992493443E-12
y0= : -1.071700217651E-12
*****
i=41558
k(41558)=0.99915710434973
kQ(41558)=0.99831491917253
r1= : 1.5193504152813E-12
rpunto1: = 12306382.461472
rduepunti0 : = -6.7811393546547E+25
fil : = 494.01612208391
fipunto1 : = 5.2561572698099E+18
fi_gradi : = 28305.038806828
t1 : = 1.0810318527363E-14
tpunto1 : = 1.0027732963719
tduepunti0 : = -3.0292656300544E+16
v=v_elettrone : = 14683348.477451
x0= : -1.0732576961923E-12
y0= : -1.0733858431005E-12
*****
i=41559
k(41559)=0.9991581924483
kQ(41559)=0.99831709353655
r1= : 1.520793691736E-12
rpunto1: = 12298440.055264
rduepunti0 : = -6.772249912953E+25
fil : = 494.01673851916
fipunto1 : = 5.2461713074492E+18
fi_gradi : = 28305.074125966
t1 : = 1.0810318644967E-14
tpunto1 : = 1.0027697527508
tduepunti0 : = -3.021538716147E+16
v=v_elettrone : = 14672523.388729
x0= : -1.0736150753465E-12
y0= : -1.0750703950924E-12
*****
i=41560
k(41560)=0.99915927841949
kQ(41560)=0.99831926365175
r1= : 1.5222360367157E-12
rpunto1: = 12290508.051408
rduepunti0 : = -6.7633801425105E+25
fil : = 494.01735378328
fipunto1 : = 5.2362202024583E+18
fi_gradi : = 28305.109378003
t1 : = 1.0810318762571E-14
tpunto1 : = 1.0027662181563
tduepunti0 : = -3.0138419988072E+16
v=v_elettrone : = 14661717.937696
x0= : -1.0739713894961E-12
y0= : -1.0767538750187E-12
```

```
*****
i=41561
k(41561)=0.9991603622692
kQ(41561)=0.99832142952992
r1= : 1.5236774514403E-12
rpunto1: = 12282586.426885
rduepunti0 : = -6.7545299990845E+25
fil : = 494.01796788034
fipunto1 : = 5.2263037838225E+18
fi_gradi : = 28305.144563173
t1 : = 1.0810318880174E-14
tpunto1 : = 1.0027626925532
tduepunti0 : = -3.0061753194694E+16
v=v_elettrone : = 14650932.060116
x0= : -1.0743266413196E-12
y0= : -1.0784362842684E-12
*****
i=41562
k(41562)=0.99916144400334
kQ(41562)=0.99832359118284
r1= : 1.5251179371272E-12
rpunto1: = 12274675.158727
rduepunti0 : = -6.7456994383944E+25
fil : = 494.01858081442
fipunto1 : = 5.2164218816013E+18
fi_gradi : = 28305.179681709
t1 : = 1.0810318997776E-14
tpunto1 : = 1.0027591759064
tduepunti0 : = -2.9985385206065E+16
v=v_elettrone : = 14640165.691165
x0= : -1.0746808334854E-12
y0= : -1.0801176242275E-12
*****
i=41563
k(41563)=0.99916252362777
kQ(41563)=0.99832574862222
r1= : 1.5265574949909E-12
rpunto1: = 12266774.224022
rduepunti0 : = -6.7368884161241E+25
fil : = 494.01919258956
fipunto1 : = 5.2065743269209E+18
fi_gradi : = 28305.214733843
t1 : = 1.0810319115379E-14
tpunto1 : = 1.002755668181
tduepunti0 : = -2.9909314457214E+16
v=v_elettrone : = 14629418.767044
x0= : -1.0750339686512E-12
y0= : -1.0817978962788E-12
*****
i=41564
k(41564)=0.99916360114836
kQ(41564)=0.99832790185975
r1= : 1.5279961262433E-12
rpunto1: = 12258883.599905
rduepunti0 : = -6.7280968879244E+25
fil : = 494.0198032098
fipunto1 : = 5.1967609519656E+18
fi_gradi : = 28305.249719805
t1 : = 1.0810319232981E-14
tpunto1 : = 1.0027521693425
tduepunti0 : = -2.9833539393395E+16
v=v_elettrone : = 14618691.223752
x0= : -1.0753860494646E-12
y0= : -1.0834771018023E-12
```

```
*****
i=41565
k(41565)=0.99916467657093
kQ(41565)=0.99833005090709
r1= : 1.5294338320936E-12
rpunto1: = 12251003.263568
rduepunti0 : = -6.7193248094159E+25
fil : = 494.02041267913
fipunto1 : = 5.1869815899699E+18
fi_gradi : = 28305.284639826
t1 : = 1.0810319350582E-14
tpunto1 : = 1.0027486793563
tduepunti0 : = -2.9758058470003E+16
v=v_elettrone : = 14607982.99832
x0= : -1.075737078563E-12
y0= : -1.0851552421747E-12
*****
i=41566
k(41566)=0.99916574990131
kQ(41566)=0.99833219577584
r1= : 1.5308706137483E-12
rpunto1: = 12243133.192252
rduepunti0 : = -6.7105721361914E+25
fil : = 494.02102100156
fipunto1 : = 5.1772360752106E+18
fi_gradi : = 28305.319494133
t1 : = 1.0810319468183E-14
tpunto1 : = 1.0027451981881
tduepunti0 : = -2.9682870152494E+16
v=v_elettrone : = 14597294.027205
x0= : -1.0760870585736E-12
y0= : -1.08683231877E-12
*****
i=41567
k(41567)=0.99916682114529
kQ(41567)=0.99833433647758
r1= : 1.5323064724114E-12
rpunto1: = 12235273.36325
rduepunti0 : = -6.7018388238184E+25
fil : = 494.02162818104
fipunto1 : = 5.1675242429988E+18
fi_gradi : = 28305.354282955
t1 : = 1.0810319585784E-14
tpunto1 : = 1.0027417258037
tduepunti0 : = -2.9607972916313E+16
v=v_elettrone : = 14586624.247489
x0= : -1.0764359921134E-12
y0= : -1.088508332959E-12
*****
i=41568
k(41568)=0.99916789030866
kQ(41568)=0.99833647302385
r1= : 1.533741409284E-12
rpunto1: = 12227423.753909
rduepunti0 : = -6.6931248278415E+25
fil : = 494.02223422153
fipunto1 : = 5.157845929672E+18
fi_gradi : = 28305.389006517
t1 : = 1.0810319703384E-14
tpunto1 : = 1.0027382621692
tduepunti0 : = -2.9533365246811E+16
v=v_elettrone : = 14575973.596891
x0= : -1.0767838817893E-12
y0= : -1.0901832861096E-12
```



```

*****
i=41569
k(41569)=0.99916895739717
kQ(41569)=0.99833860542615
r1= : 1.5351754255647E-12
rpunto1 : = 12219584.341626
rduepunti0 : = -6.6844301037849E+25
fil : = 494.02283912696
fipunto1 : = 5.1482009725866E+18
fi_gradi : = 28305.423665045
t1 : = 1.0810319820984E-14
tpunto1 : = 1.0027348072508
tduepunti0 : = -2.9459045639172E+16
v=v_elettrone : = 14565342.012567
x0= : -1.0771307301983E-12
y0= : -1.0918571795866E-12
*****
i=41570
k(41570)=0.99917002241658
kQ(41570)=0.99834073369595
r1= : 1.5366085224493E-12
rpunto1 : = 12211755.103853
rduepunti0 : = -6.6757546071546E+25
fil : = 494.02344290124
fipunto1 : = 5.1385892101098E+18
fi_gradi : = 28305.458258763
t1 : = 1.0810319938583E-14
tpunto1 : = 1.002731361015
tduepunti0 : = -2.9385012598332E+16
v=v_elettrone : = 14554729.433134
x0= : -1.0774765399275E-12
y0= : -1.093530014752E-12
*****
i=41571
k(41571)=0.9991710853726
kQ(41571)=0.99834285784467
r1= : 1.5380407011312E-12
rpunto1 : = 12203936.018091
rduepunti0 : = -6.6670982934411E+25
fil : = 494.02404554827
fipunto1 : = 5.1290104816125E+18
fi_gradi : = 28305.492787895
t1 : = 1.0810320056182E-14
tpunto1 : = 1.0027279234281
tduepunti0 : = -2.9311264638909E+16
v=v_elettrone : = 14544135.796235
x0= : -1.0778213135538E-12
y0= : -1.0952017929647E-12
*****
i=41572
k(41572)=0.99917214627095
kQ(41572)=0.9983449778837
r1= : 1.5394719628009E-12
rpunto1 : = 12196127.061896
rduepunti0 : = -6.658461118121E+25
fil : = 494.02464707192
fipunto1 : = 5.1194646274613E+18
fi_gradi : = 28305.527252661
t1 : = 1.0810320173781E-14
tpunto1 : = 1.0027244944571
tduepunti0 : = -2.9237800285126E+16
v=v_elettrone : = 14533561.040986
x0= : -1.0781650536444E-12
y0= : -1.0968725155806E-12

```

```
*****
i=41573
k(41573)=0.99917320511731
kQ(41573)=0.9983470938244
r1= : 1.5409023086464E-12
rpunto1 : = 12188328.212874
rduepunti0 : = -6.6498430366599E+25
fil : = 494.02524747604
fipunto1 : = 5.109951489011E+18
fi_gradi : = 28305.561653283
t1 : = 1.0810320291379E-14
tpunto1 : = 1.0027210740688
tduepunti0 : = -2.9164618070737E+16
v=v_elettrone : = 14523005.105555
x0= : -1.0785077627568E-12
y0= : -1.0985421839526E-12
*****
i=41574
k(41574)=0.99917426191735
kQ(41574)=0.99834920567808
r1= : 1.5423317398531E-12
rpunto1 : = 12180539.448685
rduepunti0 : = -6.6412440045144E+25
fil : = 494.02584676447
fipunto1 : = 5.1004709085976E+18
fi_gradi : = 28305.595989981
t1 : = 1.0810320408977E-14
tpunto1 : = 1.0027176622303
tduepunti0 : = -2.9091716538951E+16
v=v_elettrone : = 14512467.929973
x0= : -1.0788494434385E-12
y0= : -1.1002107994308E-12
*****
i=41575
k(41575)=0.99917531667673
kQ(41575)=0.99835131345604
r1= : 1.5437602576037E-12
rpunto1 : = 12172760.747039
rduepunti0 : = -6.632663977134E+25
fil : = 494.02644494104
fipunto1 : = 5.0910227295306E+18
fi_gradi : = 28305.630262974
t1 : = 1.0810320526574E-14
tpunto1 : = 1.0027142589089
tduepunti0 : = -2.9019094242367E+16
v=v_elettrone : = 14501949.452534
x0= : -1.0791900982275E-12
y0= : -1.1018783633624E-12
*****
i=41576
k(41576)=0.99917636940107
kQ(41576)=0.9983534171695
r1= : 1.5451878630784E-12
rpunto1 : = 12164992.085701
rduepunti0 : = -6.6241029099638E+25
fil : = 494.02704200953
fipunto1 : = 5.0816067960857E+18
fi_gradi : = 28305.664472478
t1 : = 1.0810320644171E-14
tpunto1 : = 1.0027108640719
tduepunti0 : = -2.8946749742891E+16
v=v_elettrone : = 14491449.613823
x0= : -1.0795297296519E-12
y0= : -1.1035448770913E-12
```

```

*****
i=41577
k(41577)=0.999177420096
kQ(41577)=0.99835551682969
r1= : 1.5466145574546E-12
rpunto1 : = 12157233.442487
rduepunti0 : = -6.6155607584458E+25
fil : = 494.02763797374
fipunto1 : = 5.0722229534977E+18
fi_gradi : = 28305.698618712
t1 : = 1.0810320761768E-14
tpunto1 : = 1.002707477687
tduepunti0 : = -2.8874681611674E+16
v=v_elettrone : = 14480968.353075
x0= : -1.0798683402305E-12
y0= : -1.1052103419588E-12
*****
i=41578
k(41578)=0.9991784687671
kQ(41578)=0.99835761244777
r1= : 1.5480403419073E-12
rpunto1 : = 12149484.795265
rduepunti0 : = -6.6070374780217E+25
fil : = 494.02823283742
fipunto1 : = 5.0628710479531E+18
fi_gradi : = 28305.73270189
t1 : = 1.0810320879364E-14
tpunto1 : = 1.0027040997218
tduepunti0 : = -2.8802888429038E+16
v=v_elettrone : = 14470505.611026
x0= : -1.0802059324722E-12
y0= : -1.1068747593031E-12
*****
i=41579
k(41579)=0.99917951541997
kQ(41579)=0.99835970403488
r1= : 1.5494652176087E-12
rpunto1 : = 12141746.121955
rduepunti0 : = -6.5985330241346E+25
fil : = 494.02882660432
fipunto1 : = 5.0535509265836E+18
fi_gradi : = 28305.766722228
t1 : = 1.081032099696E-14
tpunto1 : = 1.0027007301445
tduepunti0 : = -2.8731368784402E+16
v=v_elettrone : = 14460061.328303
x0= : -1.0805425088766E-12
y0= : -1.1085381304597E-12
*****
i=41580
k(41580)=0.99918056006015
kQ(41580)=0.99836179160212
r1= : 1.5508891857286E-12
rpunto1 : = 12134017.400531
rduepunti0 : = -6.5900473522309E+25
fil : = 494.02941927817
fipunto1 : = 5.0442624374582E+18
fi_gradi : = 28305.800679938
t1 : = 1.0810321114556E-14
tpunto1 : = 1.0026973689229
tduepunti0 : = -2.8660121276218E+16
v=v_elettrone : = 14449635.444994
x0= : -1.0808780719336E-12
y0= : -1.110200456761E-12

```

```
*****
i=41581
k(41581)=0.9991816026932
kQ(41581)=0.99836387516056
r1= : 1.5523122474342E-12
rpunto1 : = 12126298.609016
rduepunti0 : = -6.5815804177623E+25
fil : = 494.03001086267
fipunto1 : = 5.0350054295768E+18
fi_gradi : = 28305.834575233
t1 : = 1.0810321232151E-14
tpunto1 : = 1.0026940160254
tduepunti0 : = -2.85891445119E+16
v=v_elettrone : = 14439227.902307
x0= : -1.081212624124E-12
y0= : -1.1118617395364E-12
*****
i=41582
k(41582)=0.99918264332464
kQ(41582)=0.99836595472122
r1= : 1.5537344038901E-12
rpunto1 : = 12118589.725489
rduepunti0 : = -6.5731321761879E+25
fil : = 494.03060136153
fipunto1 : = 5.0257797528631E+18
fi_gradi : = 28305.868408326
t1 : = 1.0810321349745E-14
tpunto1 : = 1.0026906714203
tduepunti0 : = -2.8518437107756E+16
v=v_elettrone : = 14428838.641737
x0= : -1.0815461679191E-12
y0= : -1.1135219801126E-12
*****
i=41583
k(41583)=0.99918368195998
kQ(41583)=0.9983680302951
r1= : 1.5551556562581E-12
rpunto1 : = 12110890.728079
rduepunti0 : = -6.5647025829759E+25
fil : = 494.03119077841
fipunto1 : = 5.0165852581579E+18
fi_gradi : = 28305.902179426
t1 : = 1.0810321467339E-14
tpunto1 : = 1.0026873350763
tduepunti0 : = -2.8447997688916E+16
v=v_elettrone : = 14418467.604687
x0= : -1.0818787057808E-12
y0= : -1.1151811798132E-12
*****
i=41584
k(41584)=0.9991847186047
kQ(41584)=0.99837010189315
r1= : 1.5565760056978E-12
rpunto1 : = 12103201.594967
rduepunti0 : = -6.5562915936055E+25
fil : = 494.03177911698
fipunto1 : = 5.007421797212E+18
fi_gradi : = 28305.935888742
t1 : = 1.0810321584933E-14
tpunto1 : = 1.0026840069621
tduepunti0 : = -2.8377824889274E+16
v=v_elettrone : = 14408114.732862
x0= : -1.0822102401618E-12
y0= : -1.1168393399592E-12
```

```
*****
i=41585
k(41585)=0.99918575326428
kQ(41585)=0.9983721695263
r1= : 1.557995453366E-12
rpunto1 : = 12095522.304387
rduepunti0 : = -6.5478991635686E+25
fil : = 494.03236638086
fipunto1 : = 4.9982892226796E+18
fi_gradi : = 28305.969536484
t1 : = 1.0810321702527E-14
tpunto1 : = 1.0026806870465
tduepunti0 : = -2.8307917351412E+16
v=v_elettrone : = 14397779.968682
x0= : -1.0825407735055E-12
y0= : -1.1184964618684E-12
*****
i=41586
k(41586)=0.99918678594417
kQ(41586)=0.99837423320544
r1= : 1.559414000417E-12
rpunto1 : = 12087852.834626
rduepunti0 : = -6.5395252483719E+25
fil : = 494.03295257369
fipunto1 : = 4.9891873881117E+18
fi_gradi : = 28306.003122859
t1 : = 1.081032182012E-14
tpunto1 : = 1.0026773752987
tduepunti0 : = -2.823827372654E+16
v=v_elettrone : = 14387463.254076
x0= : -1.0828703082461E-12
y0= : -1.120152546856E-12
*****
i=41587
k(41587)=0.99918781664981
kQ(41587)=0.99837629294141
r1= : 1.5608316480026E-12
rpunto1 : = 12080193.164021
rduepunti0 : = -6.5311698035383E+25
fil : = 494.03353769907
fipunto1 : = 4.9801161479495E+18
fi_gradi : = 28306.036648074
t1 : = 1.0810321937713E-14
tpunto1 : = 1.0026740716878
tduepunti0 : = -2.8168892674428E+16
v=v_elettrone : = 14377164.532108
x0= : -1.0831988468088E-12
y0= : -1.1218075962341E-12
*****
i=41588
k(41588)=0.99918884538661
kQ(41588)=0.99837834874504
r1= : 1.5622483972721E-12
rpunto1 : = 12072543.270963
rduepunti0 : = -6.5228327846087E+25
fil : = 494.03412176058
fipunto1 : = 4.9710753575177E+18
fi_gradi : = 28306.070112334
t1 : = 1.0810322055305E-14
tpunto1 : = 1.0026707761831
tduepunti0 : = -2.8099772863342E+16
v=v_elettrone : = 14366883.745341
x0= : -1.0835263916096E-12
y0= : -1.1234616113121E-12
```

```
*****
i=41589
k(41589)=0.99918987215999
kQ(41589)=0.99838040062709
r1= : 1.5636642493721E-12
rpunto1: = 12064903.133894
rduerpunti0 : = -6.514514147144E+25
fil : = 494.03470476181
fipunto1 : = 4.9620648730179E+18
fi_gradi : = 28306.103515843
t1 : = 1.0810322172897E-14
tpunto1 : = 1.0026674887543
tduepunti0 : = -2.803091296998E+16
v=v_elettrone : = 14356620.836669
x0= : -1.0838529450555E-12
y0= : -1.1251145933965E-12
*****
i=41590
k(41590)=0.99919089697531
kQ(41590)=0.99838244859833
r1= : 1.5650792054468E-12
rpunto1: = 12057272.731309
rduerpunti0 : = -6.5062138467262E+25
fil : = 494.03528670629
fipunto1 : = 4.9530845515224E+18
fi_gradi : = 28306.136858806
t1 : = 1.0810322290488E-14
tpunto1 : = 1.0026642093709
tduepunti0 : = -2.7962311679408E+16
v=v_elettrone : = 14346375.749741
x0= : -1.0841785095445E-12
y0= : -1.1267665437908E-12
*****
i=41591
k(41591)=0.99919191983795
kQ(41591)=0.99838449266946
r1= : 1.5664932666379E-12
rpunto1: = 12049652.041755
rduerpunti0 : = -6.4979318389606E+25
fil : = 494.03586759758
fipunto1 : = 4.9441342509676E+18
fi_gradi : = 28306.170141425
t1 : = 1.0810322408079E-14
tpunto1 : = 1.0026609380028
tduepunti0 : = -2.7893967684995E+16
v=v_elettrone : = 14336148.428523
x0= : -1.0845030874655E-12
y0= : -1.128417463796E-12
*****
i=41592
k(41592)=0.99919294075326
kQ(41592)=0.99838653285115
r1= : 1.5679064340844E-12
rpunto1: = 12042041.04383
rduerpunti0 : = -6.489668079477E+25
fil : = 494.03644743918
fipunto1 : = 4.9352138301478E+18
fi_gradi : = 28306.203363902
t1 : = 1.081032252567E-14
tpunto1 : = 1.00265767462
tduepunti0 : = -2.7825879688355E+16
v=v_elettrone : = 14325938.816105
x0= : -1.0848266811988E-12
y0= : -1.1300673547099E-12
```

```
*****
i=41593
k(41593)=0.99919395972657
kQ(41593)=0.99838856915405
r1= : 1.5693187089231E-12
rpunto1: = 12034439.716184
rduepunti0 : = -6.4814225239314E+25
fil : = 494.03702623461
fipunto1 : = 4.9263231487088E+18
fi_gradi : = 28306.236526437
t1 : = 1.0810322643261E-14
tpunto1 : = 1.0026544191926
tduepunti0 : = -2.775804639928E+16
v=v_elettrone : = 14315746.85673
x0= : -1.0851492931155E-12
y0= : -1.1317162178278E-12
*****
i=41594
k(41594)=0.99919497676318
kQ(41594)=0.99839060158877
r1= : 1.570730092288E-12
rpunto1: = 12026848.037521
rduepunti0 : = -6.4731951280078E+25
fil : = 494.03760398735
fipunto1 : = 4.9174620671419E+18
fi_gradi : = 28306.269629231
t1 : = 1.0810322760851E-14
tpunto1 : = 1.0026511716909
tduepunti0 : = -2.7690466535683E+16
v=v_elettrone : = 14305572.495415
x0= : -1.0854709255781E-12
y0= : -1.1333640544418E-12
*****
i=41595
k(41595)=0.9991959918684
kQ(41595)=0.99839263016588
r1= : 1.5721405853107E-12
rpunto1: = 12019265.986595
rduepunti0 : = -6.4649858474191E+25
fil : = 494.03818070088
fipunto1 : = 4.9086304467771E+18
fi_gradi : = 28306.302672482
t1 : = 1.081032287844E-14
tpunto1 : = 1.0026479320852
tduepunti0 : = -2.7623138823532E+16
v=v_elettrone : = 14295415.675877
x0= : -1.0857915809403E-12
y0= : -1.1350108658415E-12
*****
i=41596
k(41596)=0.99919700504751
kQ(41596)=0.99839465489592
r1= : 1.5735501891204E-12
rpunto1: = 12011693.542213
rduepunti0 : = -6.4567946379093E+25
fil : = 494.03875637864
fipunto1 : = 4.8998281497778E+18
fi_gradi : = 28306.335656388
t1 : = 1.0810322996029E-14
tpunto1 : = 1.0026447003463
tduepunti0 : = -2.7556061996795E+16
v=v_elettrone : = 14285276.343833
x0= : -1.086111261547E-12
y0= : -1.1366566533135E-12
```

```
*****
i=41597
k(41597)=0.99919801630577
kQ(41597)=0.99839667578938
r1= : 1.5749589048438E-12
rpunto1: = 12004130.683232
rduepunti0 : = -6.4486214552544E+25
fil : = 494.03933102409
fipunto1 : = 4.8910550391342E+18
fi_gradi : = 28306.368581147
t1 : = 1.0810323113618E-14
tpunto1 : = 1.0026414764448
tduepunti0 : = -2.7489234797375E+16
v=v_elettrone : = 14275154.443719
x0= : -1.0864299697345E-12
y0= : -1.1383014181419E-12
*****
i=41598
k(41598)=0.99919902564842
kQ(41598)=0.99839869285675
r1= : 1.5763667336049E-12
rpunto1: = 11996577.388564
rduepunti0 : = -6.440466255264E+25
fil : = 494.03990464063
fipunto1 : = 4.8823109786573E+18
fi_gradi : = 28306.401446954
t1 : = 1.0810323231207E-14
tpunto1 : = 1.0026382603515
tduepunti0 : = -2.7422655975055E+16
v=v_elettrone : = 14265049.921154
x0= : -1.0867477078303E-12
y0= : -1.1399451616075E-12
*****
i=41599
k(41599)=0.99920003308069
kQ(41599)=0.99840070610846
r1= : 1.5777736765255E-12
rpunto1: = 11989033.637169
rduepunti0 : = -6.4323289937831E+25
fil : = 494.04047723168
fipunto1 : = 4.8735958329732E+18
fi_gradi : = 28306.434254004
t1 : = 1.0810323348795E-14
tpunto1 : = 1.0026350520375
tduepunti0 : = -2.7356324287436E+16
v=v_elettrone : = 14254962.721721
x0= : -1.0870644781535E-12
y0= : -1.1415878849888E-12
*****
i=41600
k(41600)=0.9992010386078
kQ(41600)=0.9984027155549
r1= : 1.5791797347248E-12
rpunto1: = 11981499.408062
rduepunti0 : = -6.4242096266927E+25
fil : = 494.04104880063
fipunto1 : = 4.8649094675168E+18
fi_gradi : = 28306.467002493
t1 : = 1.0810323466383E-14
tpunto1 : = 1.002631851474
tduepunti0 : = -2.7290238499881E+16
v=v_elettrone : = 14244892.791364
x0= : -1.0873802830144E-12
y0= : -1.1432295895612E-12
```



```
*****
i=41601
k(41601)=0.99920204223493
kQ(41601)=0.99840472120644
r1= : 1.5805849093195E-12
rpunto1 : = 11973974.680308
rduepunti0 : = -6.416108109912E+25
fil : = 494.04161935086
fipunto1 : = 4.8562517485262E+18
fi_gradi : = 28306.499692613
t1 : = 1.081032358397E-14
tpunto1 : = 1.0026286586323
tduepunti0 : = -2.7224397385455E+16
v=v_elettrone : = 14234840.075995
x0= : -1.0876951247151E-12
y0= : -1.1448702765975E-12
*****
i=41602
k(41602)=0.99920304396726
kQ(41602)=0.99840672307343
r1= : 1.581989201424E-12
rpunto1 : = 11966459.433024
rduepunti0 : = -6.4080243993989E+25
fil : = 494.04218888572
fipunto1 : = 4.8476225430369E+18
fi_gradi : = 28306.532324557
t1 : = 1.0810323701557E-14
tpunto1 : = 1.0026254734837
tduepunti0 : = -2.7158799724867E+16
v=v_elettrone : = 14224804.521911
x0= : -1.0880090055489E-12
y0= : -1.1465099473676E-12
*****
i=41603
k(41603)=0.99920404380995
kQ(41603)=0.99840872116616
r1= : 1.5833926121501E-12
rpunto1 : = 11958953.645379
rduepunti0 : = -6.3999584511521E+25
fil : = 494.04275740856
fipunto1 : = 4.8390217188759E+18
fi_gradi : = 28306.564898516
t1 : = 1.0810323819144E-14
tpunto1 : = 1.002622296
tduepunti0 : = -2.7093444306419E+16
v=v_elettrone : = 14214786.075776
x0= : -1.0883219278009E-12
y0= : -1.1481486031389E-12
*****
i=41604
k(41604)=0.99920504176815
kQ(41604)=0.99841071549489
r1= : 1.5847951426072E-12
rpunto1 : = 11951457.296592
rduepunti0 : = -6.3919102212119E+25
fil : = 494.0433249227
fipunto1 : = 4.8304491446559E+18
fi_gradi : = 28306.597414681
t1 : = 1.081032393673E-14
tpunto1 : = 1.0026191261528
tduepunti0 : = -2.7028329925941E+16
v=v_elettrone : = 14204784.683837
x0= : -1.0886338937478E-12
y0= : -1.1497862451756E-12
```

```
*****
i=41605
k(41605)=0.99920603784698
kQ(41605)=0.99841270606986
r1= : 1.5861967939024E-12
rpunto1 : = 11943970.365937
rduepunti0 : = -6.3838796656614E+25
fil : = 494.04389143146
fipunto1 : = 4.8219046897699E+18
fi_gradi : = 28306.629873242
t1 : = 1.0810324054316E-14
tpunto1 : = 1.002615963914
tduepunti0 : = -2.6963455386743E+16
v=v_elettrone : = 14194800.293949
x0= : -1.0889449056577E-12
y0= : -1.1514228747396E-12
*****
i=41606
k(41606)=0.99920703205155
kQ(41606)=0.99841469290128
r1= : 1.5875975671401E-12
rpunto1 : = 11936492.832735
rduepunti0 : = -6.3758667406281E+25
fil : = 494.04445693814
fipunto1 : = 4.8133882243853E+18
fi_gradi : = 28306.662274388
t1 : = 1.0810324171901E-14
tpunto1 : = 1.0026128092555
tduepunti0 : = -2.6898819499552E+16
v=v_elettrone : = 14184832.852719
x0= : -1.0892549657907E-12
y0= : -1.1530584930898E-12
*****
i=41607
k(41607)=0.99920802438696
kQ(41607)=0.99841667599929
r1= : 1.5889974634225E-12
rpunto1 : = 11929024.676361
rduepunti0 : = -6.3678714022848E+25
fil : = 494.04502144603
fipunto1 : = 4.8048996194385E+18
fi_gradi : = 28306.694618308
t1 : = 1.0810324289486E-14
tpunto1 : = 1.0026096621497
tduepunti0 : = -2.6834421082466E+16
v=v_elettrone : = 14174882.30798
x0= : -1.0895640763985E-12
y0= : -1.1546931014824E-12
*****
i=41608
k(41608)=0.99920901485828
kQ(41608)=0.99841865537405
r1= : 1.5903964838492E-12
rpunto1 : = 11921565.876241
rduepunti0 : = -6.3598936068509E+25
fil : = 494.04558495837
fipunto1 : = 4.7964387466292E+18
fi_gradi : = 28306.726905187
t1 : = 1.0810324407071E-14
tpunto1 : = 1.0026065225687
tduepunti0 : = -2.6770258960891E+16
v=v_elettrone : = 14164948.607128
x0= : -1.0898722397246E-12
y0= : -1.1563267011709E-12
```

```
*****
i=41609
k(41609)=0.99921000347056
kQ(41609)=0.99842063103564
r1= : 1.5917946295177E-12
rpunto1 : = 11914116.411854
rduepunti0 : = -6.3519333105936E+25
fil : = 494.04614747844
fipunto1 : = 4.7880054784151E+18
fi_gradi : = 28306.759135213
t1 : = 1.0810324524655E-14
tpunto1 : = 1.002603390485
tduepunti0 : = -2.6706331967491E+16
v=v_elettrone : = 14155031.698392
x0= : -1.0901794580043E-12
y0= : -1.1579592934061E-12
*****
i=41610
k(41610)=0.99921099022886
kQ(41610)=0.99842260299414
r1= : 1.5931919015227E-12
rpunto1 : = 11906676.262725
rduepunti0 : = -6.3439904698289E+25
fil : = 494.04670900947
fipunto1 : = 4.7795996880064E+18
fi_gradi : = 28306.791308571
t1 : = 1.0810324642239E-14
tpunto1 : = 1.0026002658711
tduepunti0 : = -2.6642638942136E+16
v=v_elettrone : = 14145131.529564
x0= : -1.0904857334647E-12
y0= : -1.1595908794361E-12
*****
i=41611
k(41611)=0.9992119751382
kQ(41611)=0.99842457125958
r1= : 1.5945883009567E-12
rpunto1 : = 11899245.408437
rduepunti0 : = -6.336065040923E+25
fil : = 494.04726955468
fipunto1 : = 4.7712212493604E+18
fi_gradi : = 28306.823425445
t1 : = 1.0810324759823E-14
tpunto1 : = 1.0025971486998
tduepunti0 : = -2.6579178731846E+16
v=v_elettrone : = 14135248.049273
x0= : -1.0907910683249E-12
y0= : -1.1612214605062E-12
*****
i=41612
k(41612)=0.99921295820359
kQ(41612)=0.99842653584196
r1= : 1.5959838289098E-12
rpunto1 : = 11891823.828618
rduepunti0 : = -6.3281569802929E+25
fil : = 494.04782911727
fipunto1 : = 4.7628700371759E+18
fi_gradi : = 28306.85548602
t1 : = 1.0810324877406E-14
tpunto1 : = 1.0025940389438
tduepunti0 : = -2.6515950190739E+16
v=v_elettrone : = 14125381.206147
x0= : -1.0910954647959E-12
y0= : -1.162851037859E-12
```

```
*****
i=41613
k(41613)=0.99921393943002
kQ(41613)=0.99842849675125
r1= : 1.5973784864698E-12
rpunto1 : = 11884411.502952
rduepunti0 : = -6.3202662444081E+25
fil : = 494.04838770044
fipunto1 : = 4.7545459268885E+18
fi_gradi : = 28306.887490478
t1 : = 1.0810324994989E-14
tpunto1 : = 1.0025909365761
tduepunti0 : = -2.6452952179979E+16
v=v_elettrone : = 14115530.949231
x0= : -1.0913989250806E-12
y0= : -1.1644796127346E-12
*****
i=41614
k(41614)=0.99921491882247
kQ(41614)=0.99843045399739
r1= : 1.5987722747218E-12
rpunto1 : = 11877008.41117
rduepunti0 : = -6.3123927897911E+25
fil : = 494.04894530738
fipunto1 : = 4.7462487946646E+18
fi_gradi : = 28306.919439002
t1 : = 1.0810325112572E-14
tpunto1 : = 1.0025878415699
tduepunti0 : = -2.6390183567726E+16
v=v_elettrone : = 14105697.226743
x0= : -1.0917014513741E-12
y0= : -1.1661071863702E-12
*****
i=41615
k(41615)=0.9992158963859
kQ(41615)=0.99843240759027
r1= : 1.600165194749E-12
rpunto1 : = 11869614.533056
rduepunti0 : = -6.3045365730188E+25
fil : = 494.04950194123
fipunto1 : = 4.7379785173969E+18
fi_gradi : = 28306.951331773
t1 : = 1.0810325230154E-14
tpunto1 : = 1.0025847538983
tduepunti0 : = -2.6327643229082E+16
v=v_elettrone : = 14095879.98899
x0= : -1.0920030458633E-12
y0= : -1.1677337600003E-12
*****
i=41616
k(41616)=0.99921687212525
kQ(41616)=0.99843435753977
r1= : 1.6015572476318E-12
rpunto1 : = 11862229.848446
rduepunti0 : = -6.2966975507235E+25
fil : = 494.05005760516
fipunto1 : = 4.7297349726987E+18
fi_gradi : = 28306.983168971
t1 : = 1.0810325347736E-14
tpunto1 : = 1.0025816735347
tduepunti0 : = -2.6265330046041E+16
v=v_elettrone : = 14086079.184629
x0= : -1.0923037107275E-12
y0= : -1.169359334857E-12
```

```
*****
i=41617
k(41617)=0.99921784604546
kQ(41617)=0.99843630385574
r1= : 1.6029484344484E-12
rpunto1 : = 11854854.337224
rduepunti0 : = -6.2888756795935E+25
fil : = 494.0506123023
fipunto1 : = 4.7215180388989E+18
fi_gradi : = 28307.014950776
t1 : = 1.0810325465317E-14
tpunto1 : = 1.0025786004526
tduepunti0 : = -2.620324290744E+16
v=v_elettrone : = 14076294.764008
x0= : -1.0926034481378E-12
y0= : -1.1709839121693E-12
*****
i=41618
k(41618)=0.99921881815144
kQ(41618)=0.99843824654796
r1= : 1.6043387562747E-12
rpunto1 : = 11847487.979326
rduepunti0 : = -6.2810709163746E+25
fil : = 494.05116603577
fipunto1 : = 4.7133275950372E+18
fi_gradi : = 28307.046677367
t1 : = 1.0810325582898E-14
tpunto1 : = 1.0025755346256
tduepunti0 : = -2.6141380708908E+16
v=v_elettrone : = 14066526.67622
x0= : -1.0929022602576E-12
y0= : -1.172607493164E-12
*****
i=41619
k(41619)=0.99921978844808
kQ(41619)=0.99844018562623
r1= : 1.6057282141842E-12
rpunto1 : = 11840130.754739
rduepunti0 : = -6.2732832178706E+25
fil : = 494.05171880867
fipunto1 : = 4.7051635208587E+18
fi_gradi : = 28307.078348921
t1 : = 1.0810325700479E-14
tpunto1 : = 1.0025724760275
tduepunti0 : = -2.6079742352815E+16
v=v_elettrone : = 14056774.872482
x0= : -1.0932001492428E-12
y0= : -1.1742300790648E-12
*****
i=41620
k(41620)=0.99922075694027
kQ(41620)=0.99844212110028
r1= : 1.607116809248E-12
rpunto1 : = 11832782.6435
rduepunti0 : = -6.2655125409445E+25
fil : = 494.0522706241
fipunto1 : = 4.6970256968089E+18
fi_gradi : = 28307.109965616
t1 : = 1.081032581806E-14
tpunto1 : = 1.0025694246321
tduepunti0 : = -2.6018326748224E+16
v=v_elettrone : = 14047039.302367
x0= : -1.0934971172411E-12
y0= : -1.1758516710932E-12
```

```
*****
i=41621
k(41621)=0.99922172363286
kQ(41621)=0.99844405297982
r1= : 1.6085045425349E-12
rpunto1 : = 11825443.625698
rduepunti0 : = -6.2577588425196E+25
fil : = 494.05282148514
fipunto1 : = 4.6889140040291E+18
fi_gradi : = 28307.141527629
t1 : = 1.081032593564E-14
tpunto1 : = 1.0025663804135
tduepunti0 : = -2.5957132810845E+16
v=v_elettrone : = 14037319.91714
x0= : -1.0937931663926E-12
y0= : -1.1774722704677E-12
*****
i=41622
k(41622)=0.99922268853071
kQ(41622)=0.99844598127453
r1= : 1.6098914151114E-12
rpunto1 : = 11818113.68147
rduepunti0 : = -6.2500220795799E+25
fil : = 494.05337139484
fipunto1 : = 4.6808283243512E+18
fi_gradi : = 28307.173035134
t1 : = 1.0810326053219E-14
tpunto1 : = 1.0025633433458
tduepunti0 : = -2.5896159462982E+16
v=v_elettrone : = 14027616.666841
x0= : -1.0940882988299E-12
y0= : -1.1790918784043E-12
*****
i=41623
k(41623)=0.99922365163864
kQ(41623)=0.99844790599406
r1= : 1.6112774280416E-12
rpunto1 : = 11810792.791005
rduepunti0 : = -6.2423022091712E+25
fil : = 494.05392035627
fipunto1 : = 4.6727685402928E+18
fi_gradi : = 28307.204488307
t1 : = 1.0810326170799E-14
tpunto1 : = 1.0025603134032
tduepunti0 : = -2.5835405633487E+16
v=v_elettrone : = 14017929.502812
x0= : -1.0943825166778E-12
y0= : -1.1807104961164E-12
*****
i=41624
k(41624)=0.99922461296148
kQ(41624)=0.99844982714803
r1= : 1.6126625823873E-12
rpunto1 : = 11803480.934543
rduepunti0 : = -6.2345991884022E+25
fil : = 494.05446837246
fipunto1 : = 4.6647345350525E+18
fi_gradi : = 28307.235887322
t1 : = 1.0810326288378E-14
tpunto1 : = 1.0025572905601
tduepunti0 : = -2.5774870257714E+16
v=v_elettrone : = 14008258.375993
x0= : -1.0946758220535E-12
y0= : -1.1823281248147E-12
```

```
*****
i=41625
k(41625)=0.99922557250403
kQ(41625)=0.99845174474601
r1= : 1.6140468792081E-12
rpunto1 : = 11796178.092371
rduepunti0 : = -6.2269129744449E+25
fil : = 494.05501544643
fipunto1 : = 4.656726192505E+18
fi_gradi : = 28307.267232351
t1 : = 1.0810326405956E-14
tpunto1 : = 1.002554274791
tduepunti0 : = -2.5714552277469E+16
v=v_elettrone : = 13998603.238217
x0= : -1.0949682170668E-12
y0= : -1.1839447657073E-12
*****
i=41626
k(41626)=0.99922653027107
kQ(41626)=0.99845365879756
r1= : 1.6154303195611E-12
rpunto1 : = 11788884.244831
rduepunti0 : = -6.219243524536E+25
fil : = 494.0555615812
fipunto1 : = 4.6487433971966E+18
fi_gradi : = 28307.298523568
t1 : = 1.0810326523534E-14
tpunto1 : = 1.0025512660705
tduepunti0 : = -2.5654450640966E+16
v=v_elettrone : = 13988964.040927
x0= : -1.0952597038197E-12
y0= : -1.1855604199998E-12
*****
i=41627
k(41627)=0.99922748626737
kQ(41627)=0.99845556931221
r1= : 1.6168129045012E-12
rpunto1 : = 11781599.37231
rduepunti0 : = -6.2115907959769E+25
fil : = 494.05610677975
fipunto1 : = 4.6407860343399E+18
fi_gradi : = 28307.329761144
t1 : = 1.0810326641112E-14
tpunto1 : = 1.0025482643735
tduepunti0 : = -2.5594564302778E+16
v=v_elettrone : = 13979340.736054
x0= : -1.095550284407E-12
y0= : -1.1871750888951E-12
*****
i=41628
k(41628)=0.99922844049768
kQ(41628)=0.99845747629943
r1= : 1.6181946350809E-12
rpunto1 : = 11774323.455249
rduepunti0 : = -6.2039547461355E+25
fil : = 494.05665104507
fipunto1 : = 4.6328539898098E+18
fi_gradi : = 28307.36094525
t1 : = 1.081032675869E-14
tpunto1 : = 1.0025452696747
tduepunti0 : = -2.5534892223795E+16
v=v_elettrone : = 13969733.275545
x0= : -1.0958399609157E-12
y0= : -1.1887887735934E-12
```

```
*****
i=41629
k(41629)=0.99922939296675
kQ(41629)=0.9984593797687
r1= : 1.6195755123506E-12
rpunto1 : = 11767056.474136
rduepunti0 : = -6.196335332446E+25
fil : = 494.05719438013
fipunto1 : = 4.6249471501384E+18
fi_gradi : = 28307.392076056
t1 : = 1.0810326876267E-14
tpunto1 : = 1.0025422819491
tduepunti0 : = -2.5475433371173E+16
v=v_elettrone : = 13960141.611423
x0= : -1.0961287354257E-12
y0= : -1.1904014752926E-12
*****
i=41630
k(41630)=0.99923034367929
kQ(41630)=0.99846127972943
r1= : 1.6209555373582E-12
rpunto1 : = 11759798.409512
rduepunti0 : = -6.1887325124103E+25
fil : = 494.05773678789
fipunto1 : = 4.6170654025106E+18
fi_gradi : = 28307.423153731
t1 : = 1.0810326993844E-14
tpunto1 : = 1.002539301172
tduepunti0 : = -2.5416186718294E+16
v=v_elettrone : = 13950565.696174
x0= : -1.0964166100093E-12
y0= : -1.1920131951876E-12
*****
i=41631
k(41631)=0.99923129264001
kQ(41631)=0.99846317619103
r1= : 1.6223347111496E-12
rpunto1 : = 11752549.241965
rduepunti0 : = -6.1811462435985E+25
fil : = 494.05827827129
fipunto1 : = 4.6092086347595E+18
fi_gradi : = 28307.454178445
t1 : = 1.081032711142E-14
tpunto1 : = 1.0025363273184
tduepunti0 : = -2.5357151244717E+16
v=v_elettrone : = 13941005.483184
x0= : -1.0967035867316E-12
y0= : -1.1936239344712E-12
*****
i=41632
k(41632)=0.99923223985361
kQ(41632)=0.99846506916286
r1= : 1.623713034768E-12
rpunto1 : = 11745308.952133
rduepunti0 : = -6.1735764836497E+25
fil : = 494.05881883325
fipunto1 : = 4.6013767353619E+18
fi_gradi : = 28307.485150364
t1 : = 1.0810327228997E-14
tpunto1 : = 1.0025333603638
tduepunti0 : = -2.5298325936139E+16
v=v_elettrone : = 13931460.924212
x0= : -1.0969896676502E-12
y0= : -1.1952336943333E-12
```



```
*****
i=41633
k(41633)=0.99923318532476
kQ(41633)=0.99846695865426
r1= : 1.6250905092547E-12
rpunto1 : = 11738077.520705
rduepunti0 : = -6.1660231902726E+25
fil : = 494.0593584767
fipunto1 : = 4.5935695934337E+18
fi_gradi : = 28307.516069656
t1 : = 1.0810327346572E-14
tpunto1 : = 1.0025304002836
tduepunti0 : = -2.5239709784343E+16
v=v_elettrone : = 13921931.973192
x0= : -1.0972748548155E-12
y0= : -1.1968424759612E-12
*****
i=41634
k(41634)=0.99923412905812
kQ(41634)=0.99846884467453
r1= : 1.6264671356485E-12
rpunto1 : = 11730854.928418
rduepunti0 : = -6.1584863212464E+25
fil : = 494.05989720454
fipunto1 : = 4.5857870987255E+18
fi_gradi : = 28307.546936488
t1 : = 1.0810327464148E-14
tpunto1 : = 1.0025274470534
tduepunti0 : = -2.5181301787161E+16
v=v_elettrone : = 13912418.582427
x0= : -1.0975591502708E-12
y0= : -1.19845028054E-12
*****
i=41635
k(41635)=0.99923507105833
kQ(41635)=0.99847072723295
r1= : 1.6278429149862E-12
rpunto1 : = 11723641.15606
rduepunti0 : = -6.1509658344211E+25
fil : = 494.06043501966
fipunto1 : = 4.5780291416182E+18
fi_gradi : = 28307.577751024
t1 : = 1.0810327581723E-14
tpunto1 : = 1.002524500649
tduepunti0 : = -2.5123100948429E+16
v=v_elettrone : = 13902920.706405
x0= : -1.0978425560521E-12
y0= : -1.2000571092518E-12
*****
i=41636
k(41636)=0.99923601133003
kQ(41636)=0.99847260633875
r1= : 1.6292178483021E-12
rpunto1 : = 11716436.184468
rduepunti0 : = -6.1434616877187E+25
fil : = 494.06097192494
fipunto1 : = 4.5702956131187E+18
fi_gradi : = 28307.60851343
t1 : = 1.0810327699298E-14
tpunto1 : = 1.0025215610461
tduepunti0 : = -2.5065106277942E+16
v=v_elettrone : = 13893438.297989
x0= : -1.098125074188E-12
y0= : -1.2016629632765E-12
```

```
*****
i=41637
k(41637)=0.99923694987784
kQ(41637)=0.99847448200116
r1= : 1.6305919366283E-12
rpunto1 : = 11709239.994526
rduepunti0 : = -6.1359738391335E+25
fil : = 494.06150792324
fipunto1 : = 4.5625864048555E+18
fi_gradi : = 28307.639223871
t1 : = 1.0810327816872E-14
tpunto1 : = 1.0025186282206
tduepunti0 : = -2.5007316791414E+16
v=v_elettrone : = 13883971.311814
x0= : -1.0984067067002E-12
y0= : -1.2032678437912E-12
*****
i=41638
k(41638)=0.99923788670634
kQ(41638)=0.99847635422936
r1= : 1.6319651809947E-12
rpunto1 : = 11702052.56717
rduepunti0 : = -6.1285022467325E+25
fil : = 494.06204301741
fipunto1 : = 4.5549014090742E+18
fi_gradi : = 28307.669882508
t1 : = 1.08103279344446E-14
tpunto1 : = 1.0025157021487
tduepunti0 : = -2.4949731510435E+16
v=v_elettrone : = 13874519.700881
x0= : -1.0986874556033E-12
y0= : -1.2048717519708E-12
*****
i=41639
k(41639)=0.99923882182014
kQ(41639)=0.99847822303249
r1= : 1.6333375824291E-12
rpunto1 : = 11694873.883384
rduepunti0 : = -6.1210468686568E+25
fil : = 494.06257721029
fipunto1 : = 4.5472405186336E+18
fi_gradi : = 28307.700489506
t1 : = 1.081032805202E-14
tpunto1 : = 1.0025127828065
tduepunti0 : = -2.4892349462426E+16
v=v_elettrone : = 13865083.420408
x0= : -1.0989673229047E-12
y0= : -1.2064746889873E-12
*****
i=41640
k(41640)=0.99923975522379
kQ(41640)=0.99848008841969
r1= : 1.6347091419568E-12
rpunto1 : = 11687703.924202
rduepunti0 : = -6.1136076631213E+25
fil : = 494.06311050472
fipunto1 : = 4.5396036270011E+18
fi_gradi : = 28307.731045026
t1 : = 1.0810328169593E-14
tpunto1 : = 1.0025098701703
tduepunti0 : = -2.4835169680603E+16
v=v_elettrone : = 13855662.423979
x0= : -1.0992463106047E-12
y0= : -1.2080766560104E-12
```

```
*****
i=41641
k(41641)=0.99924068692185
kQ(41641)=0.99848195040005
r1= : 1.6360798606011E-12
rpunto1 : = 11680542.670704
rduepunti0 : = -6.1061845884159E+25
fil : = 494.0636429035
fipunto1 : = 4.5319906282486E+18
fi_gradi : = 28307.761549229
t1 : = 1.0810328287166E-14
tpunto1 : = 1.0025069642164
tduepunti0 : = -2.4778191203932E+16
v=v_elettrone : = 13846256.666546
x0= : -1.0995244206969E-12
y0= : -1.2096776542073E-12
*****
i=41642
k(41642)=0.99924161691887
kQ(41642)=0.99848380898263
r1= : 1.6374497393829E-12
rpunto1 : = 11673390.104022
rduepunti0 : = -6.0987776029061E+25
fil : = 494.06417440944
fipunto1 : = 4.5244014170487E+18
fi_gradi : = 28307.792002276
t1 : = 1.0810328404739E-14
tpunto1 : = 1.0025040649214
tduepunti0 : = -2.4721413077088E+16
v=v_elettrone : = 13836866.103138
x0= : -1.0998016551676E-12
y0= : -1.2112776847425E-12
*****
i=41643
k(41643)=0.99924254521936
kQ(41643)=0.99848566417647
r1= : 1.6388187793211E-12
rpunto1 : = 11666246.205335
rduepunti0 : = -6.0913866650329E+25
fil : = 494.06470502533
fipunto1 : = 4.5168358886697E+18
fi_gradi : = 28307.822404327
t1 : = 1.0810328522311E-14
tpunto1 : = 1.0025011722618
tduepunti0 : = -2.4664834350416E+16
v=v_elettrone : = 13827490.68846
x0= : -1.1000780159963E-12
y0= : -1.2128767487782E-12
*****
i=41644
k(41644)=0.99924347182784
kQ(41644)=0.99848751599056
r1= : 1.6401869814321E-12
rpunto1 : = 11659110.955873
rduepunti0 : = -6.0840117333141E+25
fil : = 494.06523475394
fipunto1 : = 4.5092939389727E+18
fi_gradi : = 28307.852755541
t1 : = 1.0810328639883E-14
tpunto1 : = 1.0024982862145
tduepunti0 : = -2.4608454079892E+16
v=v_elettrone : = 13818130.377716
x0= : -1.1003535051556E-12
y0= : -1.2144748474741E-12
```

```
*****
i=41645
k(41645)=0.99924439674881
kQ(41645)=0.99848936443389
r1= : 1.6415543467305E-12
rpunto1 : = 11651984.33691
rduepunti0 : = -6.0766527663447E+25
fil : = 494.06576359804
fipunto1 : = 4.5017754644062E+18
fi_gradi : = 28307.883056076
t1 : = 1.0810328757455E-14
tpunto1 : = 1.0024954067562
tduepunti0 : = -2.4552271327078E+16
v=v_elettrone : = 13808785.126213
x0= : -1.1006281246111E-12
y0= : -1.2160719819873E-12
*****
i=41646
k(41646)=0.99924531998674
kQ(41646)=0.9984912095154
r1= : 1.6429208762282E-12
rpunto1 : = 11644866.329773
rduepunti0 : = -6.0693097227969E+25
fil : = 494.06629156038
fipunto1 : = 4.4942803620033E+18
fi_gradi : = 28307.91330609
t1 : = 1.0810328875027E-14
tpunto1 : = 1.0024925338639
tduepunti0 : = -2.4496285159088E+16
v=v_elettrone : = 13799454.890206
x0= : -1.1009018763218E-12
y0= : -1.2176681534723E-12
*****
i=41647
k(41647)=0.9992462415461
kQ(41647)=0.998493051244
r1= : 1.6442865709354E-12
rpunto1 : = 11637756.915835
rduepunti0 : = -6.0619825614213E+25
fil : = 494.06681864371
fipunto1 : = 4.4868085293767E+18
fi_gradi : = 28307.94350574
t1 : = 1.0810328992598E-14
tpunto1 : = 1.0024896675146
tduepunti0 : = -2.4440494648547E+16
v=v_elettrone : = 13790139.624342
x0= : -1.1011747622396E-12
y0= : -1.2192633630816E-12
*****
i=41648
k(41648)=0.99924716143134
kQ(41648)=0.99849488962858
r1= : 1.6456514318598E-12
rpunto1 : = 11630656.076518
rduepunti0 : = -6.0546712410469E+25
fil : = 494.06734485075
fipunto1 : = 4.4793598647153E+18
fi_gradi : = 28307.973655183
t1 : = 1.0810329110168E-14
tpunto1 : = 1.0024868076855
tduepunti0 : = -2.438489887355E+16
v=v_elettrone : = 13780839.285069
x0= : -1.1014467843097E-12
y0= : -1.2208576119647E-12
```

```
*****
i=41649
k(41649)=0.9992480796469
kQ(41649)=0.99849672467801
r1= : 1.647015460007E-12
rpunto1: = 11623563.793292
rduepunti0 : = -6.047375720582E+25
fil : = 494.06787018422
fipunto1 : = 4.4719342667803E+18
fi_gradi : = 28308.003754574
t1 : = 1.0810329227739E-14
tpunto1 : = 1.0024839543539
tduepunti0 : = -2.4329496917625E+16
v=v_elettrone : = 13771553.828521
x0= : -1.1017179444708E-12
y0= : -1.2224509012689E-12
*****
i=41650
k(41650)=0.9992489961972
kQ(41650)=0.9984985564011
r1= : 1.6483786563806E-12
rpunto1: = 11616480.047675
rduepunti0 : = -6.0400959590141E+25
fil : = 494.06839464683
fipunto1 : = 4.4645316349008E+18
fi_gradi : = 28308.033804067
t1 : = 1.0810329345309E-14
tpunto1 : = 1.0024811074971
tduepunti0 : = -2.4274287869698E+16
v=v_elettrone : = 13762283.210933
x0= : -1.1019882446545E-12
y0= : -1.2240432321391E-12
*****
i=41651
k(41651)=0.99924991108664
kQ(41651)=0.99850038480667
r1= : 1.6497410219817E-12
rpunto1: = 11609404.821234
rduepunti0 : = -6.0328319154112E+25
fil : = 494.06891824127
fipunto1 : = 4.4571518689703E+18
fi_gradi : = 28308.063803819
t1 : = 1.0810329462878E-14
tpunto1 : = 1.0024782670927
tduepunti0 : = -2.4219270824047E+16
v=v_elettrone : = 13753027.388644
x0= : -1.102257686786E-12
y0= : -1.2256346057175E-12
*****
i=41652
k(41652)=0.99925082431963
kQ(41652)=0.99850220990347
r1= : 1.6511025578095E-12
rpunto1: = 11602338.095582
rduepunti0 : = -6.0255835489213E+25
fil : = 494.06944097022
fipunto1 : = 4.4497948694429E+18
fi_gradi : = 28308.093753981
t1 : = 1.0810329580448E-14
tpunto1 : = 1.0024754331182
tduepunti0 : = -2.4164444880272E+16
v=v_elettrone : = 13743786.318539
x0= : -1.1025262727837E-12
y0= : -1.227225023144E-12
```

```
*****
i=41653
k(41653)=0.99925173590054
kQ(41653)=0.99850403170025
r1= : 1.6524632648609E-12
rpunto1: = 11595279.852382
rduepunti0 : = -6.0183508187738E+25
fil : = 494.06996283634
fipunto1 : = 4.4424605373293E+18
fi_gradi : = 28308.123654708
t1 : = 1.0810329698017E-14
tpunto1 : = 1.0024726055513
tduepunti0 : = -2.4109809143256E+16
v=v_elettrone : = 13734559.957606
x0= : -1.1027940045594E-12
y0= : -1.2288144855562E-12
*****
i=41654
k(41654)=0.99925264583374
kQ(41654)=0.99850585020573
r1= : 1.6538231441308E-12
rpunto1: = 11588230.073342
rduepunti0 : = -6.0111336842789E+25
fil : = 494.07048384231
fipunto1 : = 4.435148774193E+18
fi_gradi : = 28308.153506151
t1 : = 1.0810329815585E-14
tpunto1 : = 1.0024697843698
tduepunti0 : = -2.4055362723123E+16
v=v_elettrone : = 13725348.262528
x0= : -1.1030608840183E-12
y0= : -1.2304029940892E-12
*****
i=41655
k(41655)=0.99925355412357
kQ(41655)=0.99850766542859
r1= : 1.6551821966118E-12
rpunto1: = 11581188.740221
rduepunti0 : = -6.0039321048291E+25
fil : = 494.07100399076
fipunto1 : = 4.4278594821466E+18
fi_gradi : = 28308.183308462
t1 : = 1.0810329933154E-14
tpunto1 : = 1.0024669695516
tduepunti0 : = -2.4001104735209E+16
v=v_elettrone : = 13716151.190108
x0= : -1.1033269130591E-12
y0= : -1.2319905498754E-12
*****
i=41656
k(41656)=0.99925446077438
kQ(41656)=0.99850947737749
r1= : 1.6565404232945E-12
rpunto1: = 11574155.834823
rduepunti0 : = -5.9967460398986E+25
fil : = 494.07152328434
fipunto1 : = 4.4205925638483E+18
fi_gradi : = 28308.213061792
t1 : = 1.0810330050722E-14
tpunto1 : = 1.0024641610747
tduepunti0 : = -2.3947034300018E+16
v=v_elettrone : = 13706968.69854
x0= : -1.1035920935739E-12
y0= : -1.2335771540451E-12
```

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*****
i=41657
k(41657)=0.99925536579047
kQ(41657)=0.99851128606105
r1= : 1.6578978251672E-12
rpunto1 : = 11567131.339
rduepunti0 : = -5.9895754490447E+25
fil : = 494.07204172566
fipunto1 : = 4.4133479224977E+18
fi_gradi : = 28308.242766292
t1 : = 1.0810330168289E-14
tpunto1 : = 1.0024613589172
tduepunti0 : = -2.3893150543193E+16
v=v_elettrone : = 13697800.744872
x0= : -1.1038564274484E-12
y0= : -1.235162807726E-12
*****
i=41658
k(41658)=0.99925626917617
kQ(41658)=0.99851309148788
r1= : 1.6592544032163E-12
rpunto1 : = 11560115.234652
rduepunti0 : = -5.9824202919071E+25
fil : = 494.07255931733
fipunto1 : = 4.4061254618327E+18
fi_gradi : = 28308.27242211
t1 : = 1.0810330285857E-14
tpunto1 : = 1.0024585630573
tduepunti0 : = -2.3839452595474E+16
v=v_elettrone : = 13688647.287119
x0= : -1.1041199165617E-12
y0= : -1.2367475120436E-12
*****
i=41659
k(41659)=0.99925717093576
kQ(41659)=0.99851489366654
r1= : 1.6606101584258E-12
rpunto1 : = 11553107.503726
rduepunti0 : = -5.9752805282092E+25
fil : = 494.07307606197
fipunto1 : = 4.3989250861255E+18
fi_gradi : = 28308.302029397
t1 : = 1.0810330403424E-14
tpunto1 : = 1.0024557734734
tduepunti0 : = -2.3785939592666E+16
v=v_elettrone : = 13679508.282577
x0= : -1.1043825627865E-12
y0= : -1.2383312681209E-12
*****
i=41660
k(41660)=0.99925807107353
kQ(41660)=0.99851669260558
r1= : 1.6619650917777E-12
rpunto1 : = 11546108.128215
rduepunti0 : = -5.9681561177579E+25
fil : = 494.07359196216
fipunto1 : = 4.391746700179E+18
fi_gradi : = 28308.3315883
t1 : = 1.081033052099E-14
tpunto1 : = 1.0024529901438
tduepunti0 : = -2.3732610675602E+16
v=v_elettrone : = 13670383.689945
x0= : -1.1046443679891E-12
y0= : -1.2399140770783E-12
```

```
*****
i=41661
k(41661)=0.99925896959373
kQ(41661)=0.99851848831352
r1= : 1.6633192042521E-12
rpunto1 : = 11539117.090161
rduepunti0 : = -5.9610470204445E+25
fil : = 494.07410702047
fipunto1 : = 4.3845902093233E+18
fi_gradi : = 28308.361098968
t1 : = 1.0810330638557E-14
tpunto1 : = 1.0024502130471
tduepunti0 : = -2.367946499011E+16
v=v_elettrone : = 13661273.467216
x0= : -1.1049053340294E-12
y0= : -1.2414959400341E-12
*****
i=41662
k(41662)=0.99925986650063
kQ(41662)=0.99852028079885
r1= : 1.6646724968266E-12
rpunto1 : = 11532134.37165
rduepunti0 : = -5.9539531962442E+25
fil : = 494.07462123948
fipunto1 : = 4.3774555194123E+18
fi_gradi : = 28308.390561547
t1 : = 1.0810330756123E-14
tpunto1 : = 1.0024474421619
tduepunti0 : = -2.3626501686976E+16
v=v_elettrone : = 13652177.57292
x0= : -1.1051654627611E-12
y0= : -1.243076858104E-12
*****
i=41663
k(41663)=0.99926076179845
kQ(41663)=0.99852207007002
r1= : 1.666024970477E-12
rpunto1 : = 11525159.954819
rduepunti0 : = -5.9468746052173E+25
fil : = 494.07513462175
fipunto1 : = 4.37034253682E+18
fi_gradi : = 28308.419976184
t1 : = 1.0810330873689E-14
tpunto1 : = 1.0024446774668
tduepunti0 : = -2.3573719921911E+16
v=v_elettrone : = 13643095.96531
x0= : -1.1054247560312E-12
y0= : -1.2446568324017E-12
*****
i=41664
k(41664)=0.99926165549143
kQ(41664)=0.99852385613547
r1= : 1.667376626177E-12
rpunto1 : = 11518193.821849
rduepunti0 : = -5.939811207509E+25
fil : = 494.07564716981
fipunto1 : = 4.3632511684368E+18
fi_gradi : = 28308.449343025
t1 : = 1.0810330991254E-14
tpunto1 : = 1.0024419189407
tduepunti0 : = -2.3521118855517E+16
v=v_elettrone : = 13634028.603638
x0= : -1.1056832156809E-12
y0= : -1.246235864038E-12
```



```
*****
i=41665
k(41665)=0.99926254758376
kQ(41665)=0.99852563900359
r1= : 1.6687274648979E-12
rpunto1 : = 11511235.954967
rduepunti0 : = -5.9327629633499E+25
fil : = 494.0761588862
fipunto1 : = 4.3561813216667E+18
fi_gradi : = 28308.478662215
t1 : = 1.0810331108819E-14
tpunto1 : = 1.0024391665625
tduepunti0 : = -2.3468697653251E+16
v=v_elettrone : = 13624975.445994
x0= : -1.1059408435447E-12
y0= : -1.2478139541217E-12
*****
i=41666
k(41666)=0.99926343807966
kQ(41666)=0.99852741868278
r1= : 1.6700774876094E-12
rpunto1 : = 11504286.336448
rduepunti0 : = -5.9257298330564E+25
fil : = 494.07666977346
fipunto1 : = 4.3491329044229E+18
fi_gradi : = 28308.507933898
t1 : = 1.0810331226384E-14
tpunto1 : = 1.0024364203112
tduepunti0 : = -2.3416455485395E+16
v=v_elettrone : = 13615936.45234
x0= : -1.1061976414512E-12
y0= : -1.2493911037591E-12
*****
i=41667
k(41667)=0.9992643269833
kQ(41667)=0.99852919518138
r1= : 1.6714266952786E-12
rpunto1 : = 11497344.948614
rduepunti0 : = -5.9187117770308E+25
fil : = 494.07717983408
fipunto1 : = 4.3421058251253E+18
fi_gradi : = 28308.537158219
t1 : = 1.0810331343948E-14
tpunto1 : = 1.0024336801659
tduepunti0 : = -2.3364391527019E+16
v=v_elettrone : = 13606911.581495
x0= : -1.1064536112226E-12
y0= : -1.2509673140543E-12
*****
i=41668
k(41668)=0.99926521429884
kQ(41668)=0.99853096850771
r1= : 1.672775088871E-12
rpunto1 : = 11490411.773832
rduepunti0 : = -5.9117087557615E+25
fil : = 494.07768907058
fipunto1 : = 4.3350999926967E+18
fi_gradi : = 28308.566335321
t1 : = 1.0810331461512E-14
tpunto1 : = 1.0024309461058
tduepunti0 : = -2.3312504957951E+16
v=v_elettrone : = 13597900.79284
x0= : -1.1067087546748E-12
y0= : -1.2525425861088E-12
```

```
*****
i=41669
k(41669)=0.99926610003045
kQ(41669)=0.99853273867006
r1= : 1.6741226693497E-12
rpunto1 : = 11483486.794515
rduepunti0 : = -5.9047207298238E+25
fil : = 494.07819748544
fipunto1 : = 4.3281153165593E+18
fi_gradi : = 28308.595465347
t1 : = 1.0810331579076E-14
tpunto1 : = 1.0024282181102
tduepunti0 : = -2.3260794962741E+16
v=v_elettrone : = 13588904.046357
x0= : -1.1069630736179E-12
y0= : -1.254116921022E-12
*****
i=41670
k(41670)=0.99926698418226
kQ(41670)=0.99853450567672
r1= : 1.6754694376758E-12
rpunto1 : = 11476569.993124
rduepunti0 : = -5.8977476598794E+25
fil : = 494.07870508115
fipunto1 : = 4.3211517066315E+18
fi_gradi : = 28308.624548439
t1 : = 1.081033169664E-14
tpunto1 : = 1.0024254961584
tduepunti0 : = -2.3209260730632E+16
v=v_elettrone : = 13579921.301298
x0= : -1.1072165698557E-12
y0= : -1.2556903198908E-12
*****
i=41671
k(41671)=0.99926786675841
kQ(41671)=0.99853626953591
r1= : 1.6768153948085E-12
rpunto1 : = 11469661.352163
rduepunti0 : = -5.8907895066776E+25
fil : = 494.07921186018
fipunto1 : = 4.3142090733249E+18
fi_gradi : = 28308.653584738
t1 : = 1.0810331814203E-14
tpunto1 : = 1.00242278023
tduepunti0 : = -2.3157901455524E+16
v=v_elettrone : = 13570952.517508
x0= : -1.1074692451857E-12
y0= : -1.25726278381E-12
*****
i=41672
k(41672)=0.99926874776301
kQ(41672)=0.99853803025585
r1= : 1.6781605417049E-12
rpunto1 : = 11462760.854186
rduepunti0 : = -5.8838462310544E+25
fil : = 494.07971782498
fipunto1 : = 4.3072873275404E+18
fi_gradi : = 28308.682574386
t1 : = 1.0810331931766E-14
tpunto1 : = 1.0024200703045
tduepunti0 : = -2.3106716335947E+16
v=v_elettrone : = 13561997.65542
x0= : -1.1077211013997E-12
y0= : -1.2588343138717E-12
```

```
*****
i=41673
k(41673)=0.99926962720015
kQ(41673)=0.99853978784473
r1= : 1.6795048793198E-12
rpunto1 : = 11455868.481789
rduerpunti0 : = -5.876917793934E+25
fil : = 494.08022297801
fipunto1 : = 4.3003863806657E+18
fi_gradi : = 28308.711517523
t1 : = 1.0810332049328E-14
tpunto1 : = 1.0024173663616
tduepunti0 : = -2.3055704575022E+16
v=v_elettrone : = 13553056.67519
x0= : -1.1079721402832E-12
y0= : -1.260404911166E-12
*****
i=41674
k(41674)=0.99927050507393
kQ(41674)=0.99854154231071
r1= : 1.6808484086063E-12
rpunto1 : = 11448984.217616
rduerpunti0 : = -5.870004156328E+25
fil : = 494.0807273217
fipunto1 : = 4.2935061445712E+18
fi_gradi : = 28308.740414288
t1 : = 1.081033216689E-14
tpunto1 : = 1.002414668381
tduepunti0 : = -2.3004865380437E+16
v=v_elettrone : = 13544129.537132
x0= : -1.1082223636159E-12
y0= : -1.2619745767806E-12
*****
i=41675
k(41675)=0.99927138138842
kQ(41675)=0.99854329366192
r1= : 1.6821911305154E-12
rpunto1 : = 11442108.044356
rduerpunti0 : = -5.8631052793362E+25
fil : = 494.08123085849
fipunto1 : = 4.2866465316075E+18
fi_gradi : = 28308.769264821
t1 : = 1.0810332284452E-14
tpunto1 : = 1.0024119763427
tduepunti0 : = -2.2954197964412E+16
v=v_elettrone : = 13535216.20216
x0= : -1.1084717731713E-12
y0= : -1.2635433118009E-12
*****
i=41676
k(41676)=0.99927225614768
kQ(41676)=0.99854504190648
r1= : 1.6835330459958E-12
rpunto1 : = 11435239.944743
rduerpunti0 : = -5.8562211241467E+25
fil : = 494.0817335908
fipunto1 : = 4.279807454602E+18
fi_gradi : = 28308.79806926
t1 : = 1.0810332402014E-14
tpunto1 : = 1.0024092902265
tduepunti0 : = -2.2903701543666E+16
v=v_elettrone : = 13526316.630474
x0= : -1.1087203707171E-12
y0= : -1.2651111173101E-12
```

```
*****
i=41677
k(41677)=0.99927312935576
kQ(41677)=0.99854678705246
r1= : 1.6848741559944E-12
rpunto1 : = 11428379.901557
rduepunti0 : = -5.8493516520359E+25
fil : = 494.08223552102
fipunto1 : = 4.2729888268556E+18
fi_gradi : = 28308.826827743
t1 : = 1.0810332519575E-14
tpunto1 : = 1.0024066100125
tduepunti0 : = -2.2853375339391E+16
v=v_elettrone : = 13517430.782885
x0= : -1.1089681580148E-12
y0= : -1.2666779943889E-12
*****
i=41678
k(41678)=0.9992740010167
kQ(41678)=0.99854852910792
r1= : 1.6862144614562E-12
rpunto1 : = 11421527.897623
rduepunti0 : = -5.842496824369E+25
fil : = 494.08273665157
fipunto1 : = 4.2661905621398E+18
fi_gradi : = 28308.855540409
t1 : = 1.0810332637136E-14
tpunto1 : = 1.0024039356808
tduepunti0 : = -2.2803218577218E+16
v=v_elettrone : = 13508558.6208
x0= : -1.1092151368204E-12
y0= : -1.2682439441158E-12
*****
i=41679
k(41679)=0.99927487113451
kQ(41679)=0.99855026808089
r1= : 1.6875539633239E-12
rpunto1 : = 11414683.915812
rduepunti0 : = -5.8356566026002E+25
fil : = 494.08323698483
fipunto1 : = 4.2594125746934E+18
fi_gradi : = 28308.884207393
t1 : = 1.0810332754697E-14
tpunto1 : = 1.0024012672117
tduepunti0 : = -2.2753230487188E+16
v=v_elettrone : = 13499700.10536
x0= : -1.1094613088839E-12
y0= : -1.269808967567E-12
*****
i=41680
k(41680)=0.9992757397132
kQ(41680)=0.99855200397936
r1= : 1.6888926625383E-12
rpunto1 : = 11407847.93904
rduepunti0 : = -5.8288309482726E+25
fil : = 494.08373652317
fipunto1 : = 4.2526547792194E+18
fi_gradi : = 28308.912828831
t1 : = 1.0810332872257E-14
tpunto1 : = 1.0023986045854
tduepunti0 : = -2.2703410303722E+16
v=v_elettrone : = 13490855.197442
x0= : -1.1097066759492E-12
y0= : -1.2713730658166E-12
```

```
*****
i=41681
k(41681)=0.99927660675677
kQ(41681)=0.99855373681132
r1= : 1.6902305600383E-12
rpunto1 : = 11401019.950266
rduepunti0 : = -5.8220198230185E+25
fil : = 494.08423526896
fipunto1 : = 4.2459170908822E+18
fi_gradi : = 28308.94140486
t1 : = 1.0810332989817E-14
tpunto1 : = 1.0023959477823
tduepunti0 : = -2.265375726559E+16
v=v_elettrone : = 13482023.859409
x0= : -1.1099512397546E-12
y0= : -1.2729362399362E-12
*****
i=41682
k(41682)=0.9992774722692
kQ(41682)=0.99855546658472
r1= : 1.6915676567607E-12
rpunto1 : = 11394199.932496
rduepunti0 : = -5.8152231885597E+25
fil : = 494.08473322457
fipunto1 : = 4.2391994253044E+18
fi_gradi : = 28308.969935615
t1 : = 1.0810333107377E-14
tpunto1 : = 1.002393296783
tduepunti0 : = -2.2604270615883E+16
v=v_elettrone : = 13473206.052048
x0= : -1.1101950020326E-12
y0= : -1.2744984909953E-12
*****
i=41683
k(41683)=0.99927833625445
kQ(41683)=0.99855719330747
r1= : 1.6929039536404E-12
rpunto1 : = 11387387.86878
rduepunti0 : = -5.8084410067078E+25
fil : = 494.08523039234
fipunto1 : = 4.2325016985637E+18
fi_gradi : = 28308.99842123
t1 : = 1.0810333224936E-14
tpunto1 : = 1.002390651568
tduepunti0 : = -2.2554949601984E+16
v=v_elettrone : = 13464401.737637
x0= : -1.1104379645099E-12
y0= : -1.276059820061E-12
*****
i=41684
k(41684)=0.9992791987165
kQ(41684)=0.99855891698748
r1= : 1.6942394516101E-12
rpunto1 : = 11380583.742214
rduepunti0 : = -5.8016732393637E+25
fil : = 494.08572677461
fipunto1 : = 4.22582382719E+18
fi_gradi : = 28309.026861839
t1 : = 1.0810333342495E-14
tpunto1 : = 1.0023880121179
tduepunti0 : = -2.2505793475535E+16
v=v_elettrone : = 13455610.878197
x0= : -1.1106801289074E-12
y0= : -1.2776202281983E-12
```

```
*****
i=41685
k(41685)=0.99928005965927
kQ(41685)=0.99856063763263
r1= : 1.6955741516007E-12
rpunto1 : = 11373787.535936
rduepunti0 : = -5.7949198485187E+25
fil : = 494.08622237371
fipunto1 : = 4.2191657281624E+18
fi_gradi : = 28309.055257576
t1 : = 1.0810333460054E-14
tpunto1 : = 1.0023853784136
tduepunti0 : = -2.2456801492415E+16
v=v_elettrone : = 13446833.435493
x0= : -1.1109214969402E-12
y0= : -1.2791797164699E-12
*****
i=41686
k(41686)=0.9992809190867
kQ(41686)=0.99856235525075
r1= : 1.6969080545412E-12
rpunto1 : = 11366999.23313
rduepunti0 : = -5.7881807962537E+25
fil : = 494.08671719195
fipunto1 : = 4.2125273189065E+18
fi_gradi : = 28309.083608573
t1 : = 1.0810333577612E-14
tpunto1 : = 1.0023827504358
tduepunti0 : = -2.2407972912704E+16
v=v_elettrone : = 13438069.371899
x0= : -1.1111620703181E-12
y0= : -1.2807382859362E-12
*****
i=41687
k(41687)=0.9992817770027
kQ(41687)=0.99856406984967
r1= : 1.6982411613583E-12
rpunto1 : = 11360218.817025
rduepunti0 : = -5.7814560447402E+25
fil : = 494.08721123165
fipunto1 : = 4.2059085172911E+18
fi_gradi : = 28309.111914962
t1 : = 1.081033369517E-14
tpunto1 : = 1.0023801281655
tduepunti0 : = -2.2359307000659E+16
v=v_elettrone : = 13429318.649561
x0= : -1.1114018507448E-12
y0= : -1.2822959376555E-12
*****
i=41688
k(41688)=0.99928263341118
kQ(41688)=0.99856578143719
r1= : 1.6995734729772E-12
rpunto1 : = 11353446.270894
rduepunti0 : = -5.7747455562396E+25
fil : = 494.0877044951
fipunto1 : = 4.1993092416254E+18
fi_gradi : = 28309.140176876
t1 : = 1.0810333812728E-14
tpunto1 : = 1.0023775115837
tduepunti0 : = -2.2310803024685E+16
v=v_elettrone : = 13420581.231665
x0= : -1.1116408399186E-12
y0= : -1.2838526726836E-12
```

```
*****
i=41689
k(41689)=0.99928348831604
kQ(41689)=0.99856749002108
r1= : 1.7009049903206E-12
rpunto1 : = 11346681.578052
rduepunti0 : = -5.7680492931042E+25
fil : = 494.0881969846
fipunto1 : = 4.1927294106564E+18
fi_gradi : = 28309.168394446
t1 : = 1.0810333930286E-14
tpunto1 : = 1.0023749006714
tduepunti0 : = -2.2262460257308E+16
v=v_elettrone : = 13411857.080718
x0= : -1.111879039532E-12
y0= : -1.2854084920744E-12
*****
i=41690
k(41690)=0.99928434172115
kQ(41690)=0.99856919560908
r1= : 1.7022357143097E-12
rpunto1 : = 11339924.721861
rduepunti0 : = -5.7613672177765E+25
fil : = 494.08868870243
fipunto1 : = 4.1861689435658E+18
fi_gradi : = 28309.196567803
t1 : = 1.0810334047843E-14
tpunto1 : = 1.0023722954099
tduepunti0 : = -2.2214277975143E+16
v=v_elettrone : = 13403146.15942
x0= : -1.1121164512722E-12
y0= : -1.2869633968794E-12
*****
i=41691
k(41691)=0.99928519363038
kQ(41691)=0.99857089820891
r1= : 1.7035656458636E-12
rpunto1 : = 11333175.685725
rduepunti0 : = -5.7546992927899E+25
fil : = 494.08917965086
fipunto1 : = 4.179627759967E+18
fi_gradi : = 28309.224697075
t1 : = 1.08103341654E-14
tpunto1 : = 1.0023696957805
tduepunti0 : = -2.2166255458871E+16
v=v_elettrone : = 13394448.430661
x0= : -1.1123530768204E-12
y0= : -1.2885173881481E-12
*****
i=41692
k(41692)=0.99928604404758
kQ(41692)=0.99857259782827
r1= : 1.7048947858993E-12
rpunto1 : = 11326434.453093
rduepunti0 : = -5.7480454807685E+25
fil : = 494.08966983214
fipunto1 : = 4.1731057799028E+18
fi_gradi : = 28309.252782394
t1 : = 1.0810334282956E-14
tpunto1 : = 1.0023671017643
tduepunti0 : = -2.2118391993212E+16
v=v_elettrone : = 13385763.857963
x0= : -1.1125889178526E-12
y0= : -1.2900704669274E-12
```

```
*****
i=41693
k(41693)=0.9992868929766
kQ(41693)=0.99857429447482
r1= : 1.7062231353321E-12
rpunto1 : = 11319701.007457
rduepunti0 : = -5.7414057444273E+25
fil : = 494.09015924853
fipunto1 : = 4.1666029238422E+18
fi_gradi : = 28309.280823888
t1 : = 1.0810334400513E-14
tpunto1 : = 1.002364513343
tduepunti0 : = -2.2070686866893E+16
v=v_elettrone : = 13377092.404173
x0= : -1.1128239760392E-12
y0= : -1.2916226342624E-12
*****
i=41694
k(41694)=0.99928774042126
kQ(41694)=0.99857598815622
r1= : 1.7075506950752E-12
rpunto1 : = 11312975.332353
rduepunti0 : = -5.7347800465724E+25
fil : = 494.09064790228
fipunto1 : = 4.1601191126777E+18
fi_gradi : = 28309.308821685
t1 : = 1.0810334518069E-14
tpunto1 : = 1.002361930498
tduepunti0 : = -2.2023139372625E+16
v=v_elettrone : = 13368434.032759
x0= : -1.1130582530451E-12
y0= : -1.2931738911959E-12
*****
i=41695
k(41695)=0.99928858638538
kQ(41695)=0.99857767888008
r1= : 1.7088774660398E-12
rpunto1 : = 11306257.41136
rduepunti0 : = -5.7281683501008E+25
fil : = 494.09113579561
fipunto1 : = 4.1536542677226E+18
fi_gradi : = 28309.336775914
t1 : = 1.0810334635624E-14
tpunto1 : = 1.0023593532109
tduepunti0 : = -2.1975748807076E+16
v=v_elettrone : = 13359788.707851
x0= : -1.1132917505298E-12
y0= : -1.2947242387682E-12
*****
i=41696
k(41696)=0.99928943087276
kQ(41696)=0.99857936665401
r1= : 1.7102034491355E-12
rpunto1 : = 11299547.228102
rduepunti0 : = -5.7215706180008E+25
fil : = 494.09162293076
fipunto1 : = 4.1472083107085E+18
fi_gradi : = 28309.364686702
t1 : = 1.081033475318E-14
tpunto1 : = 1.0023567814634
tduepunti0 : = -2.1928514470844E+16
v=v_elettrone : = 13351156.392881
x0= : -1.1135244701472E-12
y0= : -1.2962736780179E-12
```



```
*****
i=41697
k(41697)=0.9992902738872
kQ(41697)=0.99858105148556
r1= : 1.7115286452697E-12
rpunto1: = 11292844.766243
rduepunti0 : = -5.7149868133519E+25
fil : = 494.09210930993
fipunto1 : = 4.140781163782E+18
fi_gradi : = 28309.392554175
t1 : = 1.0810334870735E-14
tpunto1 : = 1.0023542152372
tduepunti0 : = -2.188143566843E+16
v=v_elettrone : = 13342537.051498
x0= : -1.1137564135458E-12
y0= : -1.2978222099812E-12
*****
i=41698
k(41698)=0.99929111543248
kQ(41698)=0.99858273338229
r1= : 1.7128530553478E-12
rpunto1: = 11286150.009493
rduepunti0 : = -5.7084168993249E+25
fil : = 494.09259493533
fipunto1 : = 4.1343727495027E+18
fi_gradi : = 28309.420378461
t1 : = 1.081033498829E-14
tpunto1 : = 1.0023516545142
tduepunti0 : = -2.1834511708212E+16
v=v_elettrone : = 13333930.647993
x0= : -1.1139875823689E-12
y0= : -1.2993698356921E-12
*****
i=41699
k(41699)=0.99929195551236
kQ(41699)=0.99858441235172
r1= : 1.7141766802737E-12
rpunto1: = 11279462.941606
rduepunti0 : = -5.7018608391821E+25
fil : = 494.09307980917
fipunto1 : = 4.1279829908402E+18
fi_gradi : = 28309.448159686
t1 : = 1.0810335105844E-14
tpunto1 : = 1.0023490992763
tduepunti0 : = -2.1787741902421E+16
v=v_elettrone : = 13325337.145972
x0= : -1.1142179782542E-12
y0= : -1.3009165561824E-12
*****
i=41700
k(41700)=0.9992927941306
kQ(41700)=0.99858608840134
r1= : 1.715499520949E-12
rpunto1: = 11272783.546375
rduepunti0 : = -5.6953185962771E+25
fil : = 494.09356393362
fipunto1 : = 4.1216118111713E+18
fi_gradi : = 28309.475897974
t1 : = 1.0810335223398E-14
tpunto1 : = 1.0023465495055
tduepunti0 : = -2.1741125567114E+16
v=v_elettrone : = 13316756.510587
x0= : -1.1144476028342E-12
y0= : -1.3024623724819E-12
```

```

*****
i=41701
k(41701)=0.99929363129094
kQ(41701)=0.99858776153863
r1= : 1.7168215782735E-12
rpunto1: = 11266111.807639
rduepunti0 : = -5.6887901340549E+25
fil : = 494.09404731086
fipunto1 : = 4.1152591342777E+18
fi_gradi : = 28309.50359345
t1 : = 1.0810335340952E-14
tpunto1 : = 1.0023440051839
tduepunti0 : = -2.1694662022147E+16
v=v_elettrone : = 13308188.705873
x0= : -1.114676457736E-12
y0= : -1.3040072856182E-12
*****
i=41702
k(41702)=0.99929446699711
kQ(41702)=0.99858943177104
r1= : 1.7181428531452E-12
rpunto1: = 11259447.70928
rduepunti0 : = -5.6822754160524E+25
fil : = 494.09452994308
fipunto1 : = 4.1089248843433E+18
fi_gradi : = 28309.531246239
t1 : = 1.0810335458506E-14
tpunto1 : = 1.0023414662936
tduepunti0 : = -2.1648350591153E+16
v=v_elettrone : = 13299633.696517
x0= : -1.1149045445814E-12
y0= : -1.3055512966166E-12
*****
i=41703
k(41703)=0.99929530125284
kQ(41703)=0.998591099106
r1= : 1.7194633464602E-12
rpunto1: = 11252791.23522
rduepunti0 : = -5.6757744058979E+25
fil : = 494.09501183242
fipunto1 : = 4.1026089859515E+18
fi_gradi : = 28309.558856464
t1 : = 1.0810335576059E-14
tpunto1 : = 1.0023389328169
tduepunti0 : = -2.1602190601513E+16
v=v_elettrone : = 13291091.446529
x0= : -1.115131864987E-12
y0= : -1.3070944065004E-12
*****
i=41704
k(41704)=0.99929613406182
kQ(41704)=0.99859276355089
r1= : 1.7207830591126E-12
rpunto1: = 11246142.369426
rduepunti0 : = -5.6692870673112E+25
fil : = 494.09549298104
fipunto1 : = 4.0963113640828E+18
fi_gradi : = 28309.586424249
t1 : = 1.0810335693612E-14
tpunto1 : = 1.0023364047362
tduepunti0 : = -2.1556181384336E+16
v=v_elettrone : = 13282561.921922
x0= : -1.1153584205641E-12
y0= : -1.3086366162908E-12

```

```
*****
i=41705
k(41705)=0.99929696542775
kQ(41705)=0.99859442511311
r1= : 1.7221019919947E-12
rpunto1: = 11239501.095907
rduepunti0 : = -5.662813364104E+25
fil : = 494.09597339109
fipunto1 : = 4.0900319441119E+18
fi_gradi : = 28309.613949717
t1 : = 1.0810335811165E-14
tpunto1 : = 1.0023338820337
tduepunti0 : = -2.1510322274428E+16
v=v_elettrone : = 13274045.08669
x0= : -1.1155842129187E-12
y0= : -1.3101779270067E-12
*****
i=41706
k(41706)=0.99929779535432
kQ(41706)=0.9985960838
r1= : 1.7234201459969E-12
rpunto1: = 11232867.398713
rduepunti0 : = -5.6563532601796E+25
fil : = 494.09645306469
fipunto1 : = 4.0837706518058E+18
fi_gradi : = 28309.64143299
t1 : = 1.0810335928717E-14
tpunto1 : = 1.0023313646919
tduepunti0 : = -2.1464612610275E+16
v=v_elettrone : = 13265540.906841
x0= : -1.1158092436516E-12
y0= : -1.3117183396651E-12
*****
i=41707
k(41707)=0.99929862384519
kQ(41707)=0.9985977396189
r1= : 1.7247375220078E-12
rpunto1: = 11226241.261938
rduepunti0 : = -5.6499067195331E+25
fil : = 494.09693200397
fipunto1 : = 4.0775274133208E+18
fi_gradi : = 28309.66887419
t1 : = 1.0810336046269E-14
tpunto1 : = 1.0023288526935
tduepunti0 : = -2.1419051734012E+16
v=v_elettrone : = 13257049.346812
x0= : -1.1160335143586E-12
y0= : -1.3132578552807E-12
*****
i=41708
k(41708)=0.99929945090403
kQ(41708)=0.9985993925771
r1= : 1.7260541209141E-12
rpunto1: = 11219622.669717
rduepunti0 : = -5.6434737062513E+25
fil : = 494.09741021106
fipunto1 : = 4.0713021552001E+18
fi_gradi : = 28309.696273438
t1 : = 1.0810336163821E-14
tpunto1 : = 1.0023263460211
tduepunti0 : = -2.1373638991402E+16
v=v_elettrone : = 13248570.37216
x0= : -1.1162570266301E-12
y0= : -1.3147964748662E-12
```

```
*****
i=41709
k(41709)=0.99930027653448
kQ(41709)=0.99860104268189
r1= : 1.7273699436004E-12
rpunto1 : = 11213011.606227
rduepunti0 : = -5.6370541845128E+25
fil : = 494.09788768806
fipunto1 : = 4.0650948043714E+18
fi_gradi : = 28309.723630855
t1 : = 1.0810336281373E-14
tpunto1 : = 1.0023238446573
tduepunti0 : = -2.1328373731813E+16
v=v_elettrone : = 13240103.949106
x0= : -1.1164797820516E-12
y0= : -1.3163341994321E-12
*****
i=41710
k(41710)=0.99930110074017
kQ(41710)=0.99860268994052
r1= : 1.7286849909499E-12
rpunto1 : = 11206408.055687
rduepunti0 : = -5.6306481185879E+25
fil : = 494.09836443706
fipunto1 : = 4.0589052881445E+18
fi_gradi : = 28309.750946561
t1 : = 1.0810336398924E-14
tpunto1 : = 1.0023213485849
tduepunti0 : = -2.1283255308191E+16
v=v_elettrone : = 13231650.042321
x0= : -1.1167017822031E-12
y0= : -1.3178710299868E-12
*****
i=41711
k(41711)=0.99930192352474
kQ(41711)=0.99860433436024
r1= : 1.7299992638436E-12
rpunto1 : = 11199812.002359
rduepunti0 : = -5.6242554728388E+25
fil : = 494.09884046017
fipunto1 : = 4.0527335342086E+18
fi_gradi : = 28309.778220676
t1 : = 1.0810336516475E-14
tpunto1 : = 1.0023188577868
tduepunti0 : = -2.1238283077039E+16
v=v_elettrone : = 13223208.618482
x0= : -1.11692302866E-12
y0= : -1.3194069675367E-12
*****
i=41712
k(41712)=0.99930274489179
kQ(41712)=0.99860597594826
r1= : 1.7313127631608E-12
rpunto1 : = 11193223.430545
rduepunti0 : = -5.6178762117194E+25
fil : = 494.09931575947
fipunto1 : = 4.0465794706304E+18
fi_gradi : = 28309.805453319
t1 : = 1.0810336634026E-14
tpunto1 : = 1.002316372246
tduepunti0 : = -2.1193456398394E+16
v=v_elettrone : = 13214779.643162
x0= : -1.1171435229923E-12
y0= : -1.3209420130861E-12
```

```
*****
i=41713
k(41713)=0.99930356484491
kQ(41713)=0.99860761471175
r1= : 1.7326254897789E-12
rpunto1 : = 11186642.324589
rduepunti0 : = -5.6115102997756E+25
fil : = 494.09979033702
fipunto1 : = 4.0404430258512E+18
fi_gradi : = 28309.83264461
t1 : = 1.0810336751576E-14
tpunto1 : = 1.0023138919453
tduepunti0 : = -2.1148774635801E+16
v=v_elettrone : = 13206363.082154
x0= : -1.117363266765E-12
y0= : -1.322476167637E-12
*****
i=41714
k(41714)=0.99930438338771
kQ(41714)=0.9986092506579
r1= : 1.7339374445735E-12
rpunto1 : = 11180068.668878
rduepunti0 : = -5.6051577016448E+25
fil : = 494.1002641949
fipunto1 : = 4.0343241286846E+18
fi_gradi : = 28309.859794667
t1 : = 1.0810336869126E-14
tpunto1 : = 1.0023114168679
tduepunti0 : = -2.1104237156292E+16
v=v_elettrone : = 13197958.90195
x0= : -1.117582261538E-12
y0= : -1.3240094321897E-12
*****
i=41715
k(41715)=0.99930520052376
kQ(41715)=0.99861088379383
r1= : 1.7352486284184E-12
rpunto1 : = 11173502.447837
rduepunti0 : = -5.5988183820563E+25
fil : = 494.10073733516
fipunto1 : = 4.0282227083145E+18
fi_gradi : = 28309.886903607
t1 : = 1.0810336986676E-14
tpunto1 : = 1.002308946997
tduepunti0 : = -2.1059843330363E+16
v=v_elettrone : = 13189567.068809
x0= : -1.1178005088665E-12
y0= : -1.325541807742E-12
*****
i=41716
k(41716)=0.99930601625661
kQ(41716)=0.99861251412666
r1= : 1.7365590421854E-12
rpunto1 : = 11166943.645936
rduepunti0 : = -5.5924923058313E+25
fil : = 494.10120975986
fipunto1 : = 4.0221386942924E+18
fi_gradi : = 28309.913971548
t1 : = 1.0810337104225E-14
tpunto1 : = 1.0023064823158
tduepunti0 : = -2.1015592531952E+16
v=v_elettrone : = 13181187.549232
x0= : -1.1180180103004E-12
y0= : -1.32707329529E-12
```

```
*****
i=41717
k(41717)=0.99930683058984
kQ(41717)=0.9986141416635
r1= : 1.7378686867447E-12
rpunto1 : = 11160392.247684
rduepunti0 : = -5.5861794378825E+25
fil : = 494.10168147103
fipunto1 : = 4.0160720165351E+18
fi_gradi : = 28309.940998607
t1 : = 1.0810337221774E-14
tpunto1 : = 1.0023040228075
tduepunti0 : = -2.0971484138413E+16
v=v_elettrone : = 13172820.309968
x0= : -1.1182347673848E-12
y0= : -1.3286038958274E-12
*****
i=41718
k(41718)=0.99930764352697
kQ(41718)=0.99861576641142
r1= : 1.7391775629646E-12
rpunto1 : = 11153848.237632
rduepunti0 : = -5.5798797432145E+25
fil : = 494.1021524707
fipunto1 : = 4.0100226053225E+18
fi_gradi : = 28309.967984901
t1 : = 1.0810337339323E-14
tpunto1 : = 1.0023015684556
tduepunti0 : = -2.0927517530499E+16
v=v_elettrone : = 13164465.317536
x0= : -1.1184507816597E-12
y0= : -1.3301336103462E-12
*****
i=41719
k(41719)=0.99930845507153
kQ(41719)=0.99861738837746
r1= : 1.7404856717115E-12
rpunto1 : = 11147311.600371
rduepunti0 : = -5.5735931869236E+25
fil : = 494.10262276092
fipunto1 : = 4.0039903912955E+18
fi_gradi : = 28309.994930545
t1 : = 1.0810337456872E-14
tpunto1 : = 1.0022991192435
tduepunti0 : = -2.0883692092335E+16
v=v_elettrone : = 13156122.538719
x0= : -1.1186660546602E-12
y0= : -1.3316624398362E-12
*****
i=41720
k(41720)=0.99930926522706
kQ(41720)=0.99861900756865
r1= : 1.7417930138502E-12
rpunto1 : = 11140782.320533
rduepunti0 : = -5.5673197341977E+25
fil : = 494.10309234368
fipunto1 : = 3.9979753054532E+18
fi_gradi : = 28310.021835655
t1 : = 1.081033757442E-14
tpunto1 : = 1.0022966751547
tduepunti0 : = -2.0840007211399E+16
v=v_elettrone : = 13147791.940084
x0= : -1.1188805879168E-12
y0= : -1.3331903852849E-12
```

```
*****
i=41721
k(41721)=0.99931007399705
kQ(41721)=0.998620623992
r1= : 1.7430995902434E-12
rpunto1: = 11134260.382791
rduepunti0 : = -5.5610593503164E+25
fil : = 494.103561221
fipunto1 : = 3.9919772791512E+18
fi_gradi : = 28310.048700347
t1 : = 1.0810337691968E-14
tpunto1 : = 1.0022942361728
tduepunti0 : = -2.0796462278498E+16
v=v_elettrone : = 13139473.48977
x0= : -1.1190943829548E-12
y0= : -1.334717447678E-12
*****
i=41722
k(41722)=0.99931088138501
kQ(41722)=0.99862223765448
r1= : 1.7444054017523E-12
rpunto1: = 11127745.77186
rduepunti0 : = -5.5548120006507E+25
fil : = 494.10402939488
fipunto1 : = 3.9859962440989E+18
fi_gradi : = 28310.075524734
t1 : = 1.0810337809516E-14
tpunto1 : = 1.0022918022814
tduepunti0 : = -2.0753056687748E+16
v=v_elettrone : = 13131167.153949
x0= : -1.1193074412948E-12
y0= : -1.3362436279993E-12
*****
i=41723
k(41723)=0.99931168739441
kQ(41723)=0.99862384856307
r1= : 1.7457104492362E-12
rpunto1: = 11121238.472493
rduepunti0 : = -5.5485776506635E+25
fil : = 494.10449686731
fipunto1 : = 3.9800321323577E+18
fi_gradi : = 28310.102308932
t1 : = 1.0810337927064E-14
tpunto1 : = 1.0022893734643
tduepunti0 : = -2.0709789836552E+16
v=v_elettrone : = 13122872.900809
x0= : -1.1195197644525E-12
y0= : -1.3377689272303E-12
*****
i=41724
k(41724)=0.99931249202874
kQ(41724)=0.99862545672469
r1= : 1.7470147335525E-12
rpunto1: = 11114738.469484
rduepunti0 : = -5.5423562659089E+25
fil : = 494.10496364027
fipunto1 : = 3.9740848763385E+18
fi_gradi : = 28310.129053053
t1 : = 1.0810338044611E-14
tpunto1 : = 1.0022869497053
tduepunti0 : = -2.066666112558E+16
v=v_elettrone : = 13114590.697455
x0= : -1.1197313539387E-12
y0= : -1.3392933463506E-12
```

```
*****
i=41725
k(41725)=0.99931329529146
kQ(41725)=0.99862706214627
r1= : 1.7483182555569E-12
rpunto1 : = 11108245.74767
rduepunti0 : = -5.5361478120327E+25
fil : = 494.10542971576
fipunto1 : = 3.9681544087995E+18
fi_gradi : = 28310.155757211
t1 : = 1.0810338162158E-14
tpunto1 : = 1.0022845309882
tduepunti0 : = -2.0623669958743E+16
v=v_elettrone : = 13106320.511233
x0= : -1.1199422112596E-12
y0= : -1.3408168863377E-12
*****
i=41726
k(41726)=0.99931409718601
kQ(41726)=0.99862866483468
r1= : 1.7496210161034E-12
rpunto1 : = 11101760.291923
rduepunti0 : = -5.5299522547719E+25
fil : = 494.10589509572
fipunto1 : = 3.9622406628442E+18
fi_gradi : = 28310.182421519
t1 : = 1.0810338279704E-14
tpunto1 : = 1.0022821172971
tduepunti0 : = -2.0580815743178E+16
v=v_elettrone : = 13098062.310191
x0= : -1.1201523379164E-12
y0= : -1.3423395481673E-12
*****
i=41727
k(41727)=0.99931489771584
kQ(41727)=0.99863026479681
r1= : 1.7509230160441E-12
rpunto1 : = 11095282.087161
rduepunti0 : = -5.5237695599551E+25
fil : = 494.10635978213
fipunto1 : = 3.9563435719192E+18
fi_gradi : = 28310.209046089
t1 : = 1.0810338397251E-14
tpunto1 : = 1.0022797086158
tduepunti0 : = -2.0538097889224E+16
v=v_elettrone : = 13089816.062181
x0= : -1.1203617354058E-12
y0= : -1.3438613328127E-12
*****
i=41728
k(41728)=0.99931569688438
kQ(41728)=0.99863186203951
r1= : 1.7522242562294E-12
rpunto1 : = 11088811.118337
rduepunti0 : = -5.5175996935021E+25
fil : = 494.10682377693
fipunto1 : = 3.9504630698119E+18
fi_gradi : = 28310.235631033
t1 : = 1.0810338514797E-14
tpunto1 : = 1.0022773049285
tduepunti0 : = -2.04955158104E+16
v=v_elettrone : = 13081581.734862
x0= : -1.1205704052196E-12
y0= : -1.3453822412455E-12
```



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*****
i=41729
k(41729)=0.99931649469504
kQ(41729)=0.99863345656959
r1= : 1.753524737508E-12
rpunto1 : = 11082347.370447
rduepunti0 : = -5.5114426214238E+25
fil : = 494.10728708208
fipunto1 : = 3.9445990906487E+18
fi_gradi : = 28310.262176462
t1 : = 1.0810338632342E-14
tpunto1 : = 1.0022749062193
tduepunti0 : = -2.0453068923389E+16
v=v_elettrone : = 13073359.296587
x0= : -1.120778348845E-12
y0= : -1.3469022744353E-12
*****
i=41730
k(41730)=0.99931729115124
kQ(41730)=0.99863504839386
r1= : 1.7548244607266E-12
rpunto1 : = 11075890.828525
rduepunti0 : = -5.5052983098225E+25
fil : = 494.10774969951
fipunto1 : = 3.9387515688924E+18
fi_gradi : = 28310.288682488
t1 : = 1.0810338749888E-14
tpunto1 : = 1.0022725124724
tduepunti0 : = -2.0410756648013E+16
v=v_elettrone : = 13065148.715533
x0= : -1.1209855677643E-12
y0= : -1.3484214333496E-12
*****
i=41731
k(41731)=0.99931808625638
kQ(41731)=0.99863663751911
r1= : 1.7561234267305E-12
rpunto1 : = 11069441.477646
rduepunti0 : = -5.4991667248915E+25
fil : = 494.10821163114
fipunto1 : = 3.9329204393405E+18
fi_gradi : = 28310.315149221
t1 : = 1.0810338867433E-14
tpunto1 : = 1.0022701236721
tduepunti0 : = -2.0368578407213E+16
v=v_elettrone : = 13056949.960123
x0= : -1.1211920634554E-12
y0= : -1.3499397189538E-12
*****
i=41732
k(41732)=0.99931888001383
kQ(41732)=0.9986382239521
r1= : 1.7574216363629E-12
rpunto1 : = 11062999.302923
rduepunti0 : = -5.493047832915E+25
fil : = 494.10867287891
fipunto1 : = 3.9271056371232E+18
fi_gradi : = 28310.341576772
t1 : = 1.0810338984978E-14
tpunto1 : = 1.0022677398028
tduepunti0 : = -2.0326533627034E+16
v=v_elettrone : = 13048762.998586
x0= : -1.1213978373913E-12
y0= : -1.3514571322117E-12

```

```
*****
i=41733
k(41733)=0.99931967242698
kQ(41733)=0.99863980769956
r1= : 1.7587190904655E-12
rpunto1 : = 11056564.289511
rduepunti0 : = -5.4869416002686E+25
fil : = 494.10913344473
fipunto1 : = 3.9213070977007E+18
fi_gradi : = 28310.36796525
t1 : = 1.0810339102523E-14
tpunto1 : = 1.0022653608489
tduepunti0 : = -2.0284621736598E+16
v=v_elettrone : = 13040587.799879
x0= : -1.1216028910405E-12
y0= : -1.3529736740847E-12
*****
i=41734
k(41734)=0.99932046349918
kQ(41734)=0.99864138876821
r1= : 1.7600157898781E-12
rpunto1 : = 11050136.422601
rduepunti0 : = -5.4808479934182E+25
fil : = 494.1095933305
fipunto1 : = 3.9155247568621E+18
fi_gradi : = 28310.394314763
t1 : = 1.0810339220067E-14
tpunto1 : = 1.0022629867948
tduepunti0 : = -2.024284216809E+16
v=v_elettrone : = 13032424.33185
x0= : -1.1218072258668E-12
y0= : -1.3544893455324E-12
*****
i=41735
k(41735)=0.99932125323379
kQ(41735)=0.99864296716476
r1= : 1.7613117354389E-12
rpunto1 : = 11043715.687425
rduepunti0 : = -5.474766978921E+25
fil : = 494.11005253813
fipunto1 : = 3.9097585507224E+18
fi_gradi : = 28310.420625422
t1 : = 1.0810339337611E-14
tpunto1 : = 1.0022606176251
tduepunti0 : = -2.0201194356735E+16
v=v_elettrone : = 13024272.564431
x0= : -1.1220108433296E-12
y0= : -1.3560041475125E-12
*****
i=41736
k(41736)=0.99932204163416
kQ(41736)=0.99864454289587
r1= : 1.7626069279842E-12
rpunto1 : = 11037302.069254
rduepunti0 : = -5.4686985234247E+25
fil : = 494.11051106951
fipunto1 : = 3.9040084157212E+18
fi_gradi : = 28310.446897335
t1 : = 1.0810339455155E-14
tpunto1 : = 1.0022582533245
tduepunti0 : = -2.0159677740779E+16
v=v_elettrone : = 13016132.465546
x0= : -1.1222137448835E-12
y0= : -1.3575180809806E-12
```

```
*****
i=41737
k(41737)=0.99932282870361
kQ(41737)=0.99864611596819
r1= : 1.7639013683488E-12
rpunto1: = 11030895.553399
rduepunti0 : = -5.4626425936676E+25
fil : = 494.11096892651
fipunto1 : = 3.8982742886202E+18
fi_gradi : = 28310.473130609
t1 : = 1.0810339572699E-14
tpunto1 : = 1.0022558938775
tduepunti0 : = -2.0118291761471E+16
v=v_elettrone : = 13008004.00476
x0= : -1.1224159319787E-12
y0= : -1.3590311468905E-12
*****
i=41738
k(41738)=0.99932361444547
kQ(41738)=0.99864768638837
r1= : 1.7651950573656E-12
rpunto1: = 11024496.125208
rduepunti0 : = -5.4565991564787E+25
fil : = 494.11142611103
fipunto1 : = 3.8925561065018E+18
fi_gradi : = 28310.499325352
t1 : = 1.0810339690242E-14
tpunto1 : = 1.002253539269
tduepunti0 : = -2.0077035863041E+16
v=v_elettrone : = 12999887.150984
x0= : -1.1226174060608E-12
y0= : -1.3605433461938E-12
*****
i=41739
k(41739)=0.99932439886305
kQ(41739)=0.998649254163
r1= : 1.7664879958658E-12
rpunto1: = 11018103.770069
rduepunti0 : = -5.4505681787774E+25
fil : = 494.11188262492
fipunto1 : = 3.8868538067664E+18
fi_gradi : = 28310.525481671
t1 : = 1.0810339807785E-14
tpunto1 : = 1.0022511894837
tduepunti0 : = -2.0035909492686E+16
v=v_elettrone : = 12991781.873859
x0= : -1.1228181685709E-12
y0= : -1.3620546798404E-12
*****
i=41740
k(41740)=0.99932518195965
kQ(41740)=0.99865081929869
r1= : 1.7677801846789E-12
rpunto1: = 11011718.473408
rduepunti0 : = -5.4445496275734E+25
fil : = 494.11233847006
fipunto1 : = 3.8811673271309E+18
fi_gradi : = 28310.551599674
t1 : = 1.0810339925328E-14
tpunto1 : = 1.0022488445065
tduepunti0 : = -1.9994912100545E+16
v=v_elettrone : = 12983688.142399
x0= : -1.1230182209455E-12
y0= : -1.3635651487781E-12
```

```
*****
i=41741
k(41741)=0.99932596373855
kQ(41741)=0.99865238180199
r1= : 1.7690716246328E-12
rpunto1: = 11005340.22069
rduepunti0 : = -5.4385434699667E+25
fil : = 494.11279364829
fipunto1 : = 3.8754966056266E+18
fi_gradi : = 28310.577679465
t1 : = 1.081034004287E-14
tpunto1 : = 1.0022465043224
tduepunti0 : = -1.9954043139685E+16
v=v_elettrone : = 12975605.926781
x0= : -1.1232175646169E-12
y0= : -1.3650747539529E-12
*****
i=41742
k(41742)=0.99932674420305
kQ(41742)=0.99865394167946
r1= : 1.7703623165536E-12
rpunto1: = 10998968.997419
rduepunti0 : = -5.4325496731476E+25
fil : = 494.11324816147
fipunto1 : = 3.8698415805975E+18
fi_gradi : = 28310.603721152
t1 : = 1.0810340160412E-14
tpunto1 : = 1.0022441689164
tduepunti0 : = -1.9913302066078E+16
v=v_elettrone : = 12967535.195652
x0= : -1.1234162010125E-12
y0= : -1.3665834963088E-12
*****
i=41743
k(41743)=0.99932752335639
kQ(41743)=0.99865549893762
r1= : 1.7716522612656E-12
rpunto1: = 10992604.789136
rduepunti0 : = -5.4265682043962E+25
fil : = 494.11370201143
fipunto1 : = 3.864202190698E+18
fi_gradi : = 28310.62972484
t1 : = 1.0810340277954E-14
tpunto1 : = 1.0022418382735
tduepunti0 : = -1.9872688338587E+16
v=v_elettrone : = 12959475.91884
x0= : -1.1236141315557E-12
y0= : -1.3680913767879E-12
*****
i=41744
k(41744)=0.99932830120185
kQ(41744)=0.99865705358298
r1= : 1.7729414595916E-12
rpunto1: = 10986247.581421
rduepunti0 : = -5.4205990310829E+25
fil : = 494.11415520001
fipunto1 : = 3.8585783748912E+18
fi_gradi : = 28310.655690633
t1 : = 1.0810340395496E-14
tpunto1 : = 1.0022395123788
tduepunti0 : = -1.9832201418944E+16
v=v_elettrone : = 12951428.067353
x0= : -1.1238113576653E-12
y0= : -1.3695983963301E-12
```

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*****
i=41745
k(41745)=0.99932907774267
kQ(41745)=0.99865860562202
r1= : 1.7742299123526E-12
rpunto1 : = 10979897.359894
rduepunti0 : = -5.4146421206677E+25
fil : = 494.11460772904
fipunto1 : = 3.8529700724471E+18
fi_gradi : = 28310.681618636
t1 : = 1.0810340513037E-14
tpunto1 : = 1.0022371912176
tduepunti0 : = -1.9791840771736E+16
v=v_elettrone : = 12943391.609761
x0= : -1.1240078807556E-12
y0= : -1.3711045558738E-12
*****
i=41746
k(41746)=0.99932985298209
kQ(41746)=0.99866015506121
r1= : 1.7755176203678E-12
rpunto1 : = 10973554.110209
rduepunti0 : = -5.4086974407004E+25
fil : = 494.11505960034
fipunto1 : = 3.8473772229405E+18
fi_gradi : = 28310.707508955
t1 : = 1.0810340630578E-14
tpunto1 : = 1.002234874775
tduepunti0 : = -1.975160586438E+16
v=v_elettrone : = 12935366.516717
x0= : -1.1242037022367E-12
y0= : -1.3726098563553E-12
*****
i=41747
k(41747)=0.99933062692334
kQ(41747)=0.99866170190699
r1= : 1.7768045844551E-12
rpunto1 : = 10967217.818061
rduepunti0 : = -5.4027649588205E+25
fil : = 494.11551081571
fipunto1 : = 3.8417997662493E+18
fi_gradi : = 28310.733361691
t1 : = 1.0810340748119E-14
tpunto1 : = 1.0022325630365
tduepunti0 : = -1.9711496167112E+16
v=v_elettrone : = 12927352.75871
x0= : -1.1243988235142E-12
y0= : -1.374114298709E-12
*****
i=41748
k(41748)=0.99933139956963
kQ(41748)=0.99866324616579
r1= : 1.7780908054303E-12
rpunto1 : = 10960888.469183
rduepunti0 : = -5.396844642757E+25
fil : = 494.11596137697
fipunto1 : = 3.8362376425526E+18
fi_gradi : = 28310.75917695
t1 : = 1.0810340865659E-14
tpunto1 : = 1.0022302559874
tduepunti0 : = -1.9671511152965E+16
v=v_elettrone : = 12919350.305602
x0= : -1.1245932459894E-12
y0= : -1.3756178838673E-12

```

```
*****
i=41749
k(41749)=0.99933217092416
kQ(41749)=0.998664787844
r1= : 1.7793762841077E-12
rpunto1 : = 10954566.049344
rduepunti0 : = -5.3909364603283E+25
fil : = 494.11641128591
fipunto1 : = 3.8306907923288E+18
fi_gradi : = 28310.784954833
t1 : = 1.08103409832E-14
tpunto1 : = 1.0022279536131
tduepunti0 : = -1.9631650297755E+16
v=v_elettrone : = 12911359.127987
x0= : -1.1247869710593E-12
y0= : -1.3771206127609E-12
*****
i=41750
k(41750)=0.99933294099015
kQ(41750)=0.99866632694801
r1= : 1.7806610213E-12
rpunto1 : = 10948250.544352
rduepunti0 : = -5.3850403794421E+25
fil : = 494.11686054432
fipunto1 : = 3.8251591563539E+18
fi_gradi : = 28310.810695444
t1 : = 1.081034110074E-14
tpunto1 : = 1.0022256558991
tduepunti0 : = -1.9591913080057E+16
v=v_elettrone : = 12903379.196284
x0= : -1.1249800001164E-12
y0= : -1.3786224863185E-12
*****
i=41751
k(41751)=0.99933370977076
kQ(41751)=0.99866786348419
r1= : 1.7819450178181E-12
rpunto1 : = 10941941.940051
rduepunti0 : = -5.3791563680953E+25
fil : = 494.11730915399
fipunto1 : = 3.8196426756996E+18
fi_gradi : = 28310.836398884
t1 : = 1.0810341218279E-14
tpunto1 : = 1.0022233628311
tduepunti0 : = -1.9552298981195E+16
v=v_elettrone : = 12895410.480756
x0= : -1.1251723345492E-12
y0= : -1.3801235054669E-12
*****
i=41752
k(41752)=0.99933447726918
kQ(41752)=0.99866939745887
r1= : 1.7832282744713E-12
rpunto1 : = 10935640.222324
rduepunti0 : = -5.3732843943738E+25
fil : = 494.11775711669
fipunto1 : = 3.8141412917314E+18
fi_gradi : = 28310.862065257
t1 : = 1.0810341335819E-14
tpunto1 : = 1.0022210743945
tduepunti0 : = -1.9512807485219E+16
v=v_elettrone : = 12887452.953308
x0= : -1.1253639757419E-12
y0= : -1.3816236711309E-12
```

```
*****
i=41753
k(41753)=0.99933524348857
kQ(41753)=0.99867092887837
r1= : 1.7845107920674E-12
rpunto1: = 10929345.377091
rduepunti0 : = -5.3674244264525E+25
fil : = 494.11820443419
fipunto1 : = 3.8086549461071E+18
fi_gradi : = 28310.887694662
t1 : = 1.0810341453358E-14
tpunto1 : = 1.0022187905751
tduepunti0 : = -1.9473438078892E+16
v=v_elettrone : = 12879506.583402
x0= : -1.125554925074E-12
y0= : -1.3831229842337E-12
*****
i=41754
k(41754)=0.9993360084321
kQ(41754)=0.998672457749
r1= : 1.7857925714122E-12
rpunto1: = 10923057.390309
rduepunti0 : = -5.361576432595E+25
fil : = 494.11865110827
fipunto1 : = 3.8031835807749E+18
fi_gradi : = 28310.913287201
t1 : = 1.0810341570897E-14
tpunto1 : = 1.0022165113587
tduepunti0 : = -1.943419025167E+16
v=v_elettrone : = 12871571.342613
x0= : -1.1257451839214E-12
y0= : -1.3846214456965E-12
*****
i=41755
k(41755)=0.9993367721029
kQ(41755)=0.99867398407704
r1= : 1.7870736133101E-12
rpunto1: = 10916776.247972
rduepunti0 : = -5.3557403811535E+25
fil : = 494.11909714067
fipunto1 : = 3.7977271379713E+18
fi_gradi : = 28310.938842975
t1 : = 1.0810341688435E-14
tpunto1 : = 1.002214236731
tduepunti0 : = -1.9395063495684E+16
v=v_elettrone : = 12863647.202345
x0= : -1.1259347536553E-12
y0= : -1.3861190564385E-12
*****
i=41756
k(41756)=0.99933753450411
kQ(41756)=0.99867550786874
r1= : 1.7883539185638E-12
rpunto1: = 10910501.936111
rduepunti0 : = -5.349916240569E+25
fil : = 494.11954253315
fipunto1 : = 3.79228556022E+18
fi_gradi : = 28310.964362084
t1 : = 1.0810341805974E-14
tpunto1 : = 1.0022119666779
tduepunti0 : = -1.935605730573E+16
v=v_elettrone : = 12855734.132938
x0= : -1.1261236356429E-12
y0= : -1.3876158173773E-12
```

```
*****
i=41757
k(41757)=0.99933829563885
kQ(41757)=0.99867702913036
r1= : 1.7896334879745E-12
rpunto1 : = 10904234.440793
rduepunti0 : = -5.3441039793707E+25
fil : = 494.11998728744
fipunto1 : = 3.7868587903296E+18
fi_gradi : = 28310.989844628
t1 : = 1.0810341923512E-14
tpunto1 : = 1.0022097011853
tduepunti0 : = -1.9317171179242E+16
v=v_elettrone : = 12847832.106381
x0= : -1.1263118312472E-12
y0= : -1.3891117294282E-12
*****
i=41758
k(41758)=0.99933905551025
kQ(41758)=0.99867854786812
r1= : 1.7909123223415E-12
rpunto1 : = 10897973.748125
rduepunti0 : = -5.3383035661761E+25
fil : = 494.12043140529
fipunto1 : = 3.7814467713921E+18
fi_gradi : = 28311.015290707
t1 : = 1.081034204105E-14
tpunto1 : = 1.0022074402392
tduepunti0 : = -1.9278404616285E+16
v=v_elettrone : = 12839941.093594
x0= : -1.126499341827E-12
y0= : -1.3906067935053E-12
*****
i=41759
k(41759)=0.9993398141214
kQ(41759)=0.9986800640882
r1= : 1.7921904224626E-12
rpunto1 : = 10891719.844247
rduepunti0 : = -5.3325149696909E+25
fil : = 494.12087488843
fipunto1 : = 3.7760494467812E+18
fi_gradi : = 28311.040700419
t1 : = 1.0810342158587E-14
tpunto1 : = 1.0022051838256
tduepunti0 : = -1.9239757119533E+16
v=v_elettrone : = 12832061.066696
x0= : -1.126686168737E-12
y0= : -1.3921010105202E-12
*****
i=41760
k(41760)=0.99934057147542
kQ(41760)=0.99868157779681
r1= : 1.7934677891341E-12
rpunto1 : = 10885472.715337
rduepunti0 : = -5.3267381587087E+25
fil : = 494.12131773857
fipunto1 : = 3.7706667601508E+18
fi_gradi : = 28311.066073863
t1 : = 1.0810342276125E-14
tpunto1 : = 1.0022029319306
tduepunti0 : = -1.9201228194253E+16
v=v_elettrone : = 12824191.996292
x0= : -1.1268723133276E-12
y0= : -1.3935943813831E-12
```



```
*****
i=41761
k(41761)=0.99934132757537
kQ(41761)=0.9986830890001
r1= : 1.7947444231505E-12
rpunto1: = 10879232.34761
rduepunti0 : = -5.3209731021112E+25
fil : = 494.12175995745
fipunto1 : = 3.7652986554326E+18
fi_gradi : = 28311.091411138
t1 : = 1.0810342393662E-14
tpunto1 : = 1.0022006845405
tduepunti0 : = -1.9162817348291E+16
v=v_elettrone : = 12816333.854641
x0= : -1.1270577769453E-12
y0= : -1.3950869070021E-12
*****
i=41762
k(41762)=0.99934208242434
kQ(41762)=0.99868459770421
r1= : 1.7960203253046E-12
rpunto1: = 10872998.727318
rduepunti0 : = -5.3152197688675E+25
fil : = 494.12220154675
fipunto1 : = 3.7599450768354E+18
fi_gradi : = 28311.116712342
t1 : = 1.0810342511199E-14
tpunto1 : = 1.0021984416413
tduepunti0 : = -1.9124524092056E+16
v=v_elettrone : = 12808486.613849
x0= : -1.1272425609323E-12
y0= : -1.3965785882836E-12
*****
i=41763
k(41763)=0.99934283602539
kQ(41763)=0.99868610391527
r1= : 1.797295496388E-12
rpunto1: = 10866771.840746
rduepunti0 : = -5.3094781280344E+25
fil : = 494.1226425082
fipunto1 : = 3.7546059688428E+18
fi_gradi : = 28311.141977571
t1 : = 1.0810342628735E-14
tpunto1 : = 1.0021962032193
tduepunti0 : = -1.9086347938501E+16
v=v_elettrone : = 12800650.245408
x0= : -1.127426666627E-12
y0= : -1.3980694261322E-12
*****
i=41764
k(41764)=0.99934358838158
kQ(41764)=0.99868760763938
r1= : 1.7985699371902E-12
rpunto1: = 10860551.67422
rduepunti0 : = -5.3037481487561E+25
fil : = 494.12308284348
fipunto1 : = 3.7492812762115E+18
fi_gradi : = 28311.167206925
t1 : = 1.0810342746271E-14
tpunto1 : = 1.0021939692609
tduepunti0 : = -1.9048288403109E+16
v=v_elettrone : = 12792824.721109
x0= : -1.1276100953633E-12
y0= : -1.3995594214506E-12
```

```
*****
i=41765
k(41765)=0.99934433949597
kQ(41765)=0.99868910888263
r1= : 1.7998436484994E-12
rpunto1 : = 10854338.214098
rduepunti0 : = -5.2980298002643E+25
fil : = 494.12352255429
fipunto1 : = 3.7439709439701E+18
fi_gradi : = 28311.192400498
t1 : = 1.0810342863807E-14
tpunto1 : = 1.0021917397525
tduepunti0 : = -1.9010345003878E+16
v=v_elettrone : = 12785010.013495
x0= : -1.1277928484715E-12
y0= : -1.4010485751396E-12
*****
i=41766
k(41766)=0.99934508937158
kQ(41766)=0.99869060765109
r1= : 1.8011166311021E-12
rpunto1 : = 10848131.446776
rduepunti0 : = -5.2923230518776E+25
fil : = 494.12396164231
fipunto1 : = 3.7386749174171E+18
fi_gradi : = 28311.217558388
t1 : = 1.0810342981343E-14
tpunto1 : = 1.0021895146805
tduepunti0 : = -1.8972517261303E+16
v=v_elettrone : = 12777206.094519
x0= : -1.1279749272776E-12
y0= : -1.4025368880984E-12
*****
i=41767
k(41767)=0.99934583801144
kQ(41767)=0.99869210395079
r1= : 1.8023888857833E-12
rpunto1 : = 10841931.358685
rduepunti0 : = -5.2866278730015E+25
fil : = 494.12440010922
fipunto1 : = 3.7333931421196E+18
fi_gradi : = 28311.242680692
t1 : = 1.0810343098879E-14
tpunto1 : = 1.0021872940313
tduepunti0 : = -1.8934804698365E+16
v=v_elettrone : = 12769412.936415
x0= : -1.1281563331036E-12
y0= : -1.4040243612241E-12
*****
i=41768
k(41768)=0.99934658541858
kQ(41768)=0.99869359778778
r1= : 1.8036604133262E-12
rpunto1 : = 10835737.936293
rduepunti0 : = -5.2809442331287E+25
fil : = 494.12483795669
fipunto1 : = 3.7281255639113E+18
fi_gradi : = 28311.267767504
t1 : = 1.0810343216414E-14
tpunto1 : = 1.0021850777916
tduepunti0 : = -1.889720684051E+16
v=v_elettrone : = 12761630.512189
x0= : -1.1283370672677E-12
y0= : -1.4055109954123E-12
```

```
*****
i=41769
k(41769)=0.999347331596
kQ(41769)=0.99869508916805
r1= : 1.8049312145127E-12
rpunto1 : = 10829551.166102
rduepunti0 : = -5.2752721018382E+25
fil : = 494.12527518638
fipunto1 : = 3.7228721288912E+18
fi_gradi : = 28311.29281892
t1 : = 1.0810343333949E-14
tpunto1 : = 1.0021828659479
tduepunti0 : = -1.8859723215638E+16
v=v_elettrone : = 12753858.793789
x0= : -1.1285171310838E-12
y0= : -1.4069967915566E-12
*****
i=41770
k(41770)=0.99934807654671
kQ(41770)=0.9986965780976
r1= : 1.8062012901228E-12
rpunto1 : = 10823371.034651
rduepunti0 : = -5.2696114487958E+25
fil : = 494.12571179996
fipunto1 : = 3.717632783422E+18
fi_gradi : = 28311.317835035
t1 : = 1.0810343451483E-14
tpunto1 : = 1.0021806584869
tduepunti0 : = -1.8822353354083E+16
v=v_elettrone : = 12746097.753444
x0= : -1.128696525862E-12
y0= : -1.4084817505489E-12
*****
i=41771
k(41771)=0.99934882027368
kQ(41771)=0.9986980645824
r1= : 1.8074706409352E-12
rpunto1 : = 10817197.528514
rduepunti0 : = -5.2639622437535E+25
fil : = 494.12614779908
fipunto1 : = 3.7124074741282E+18
fi_gradi : = 28311.342815945
t1 : = 1.0810343569018E-14
tpunto1 : = 1.0021784553953
tduepunti0 : = -1.8785096788605E+16
v=v_elettrone : = 12738347.365106
x0= : -1.1288752529086E-12
y0= : -1.4099658732792E-12
*****
i=41772
k(41772)=0.99934956277991
kQ(41772)=0.9986995486284
r1= : 1.8087392677269E-12
rpunto1 : = 10811030.634301
rduepunti0 : = -5.2583244565496E+25
fil : = 494.12658318537
fipunto1 : = 3.7071961478953E+18
fi_gradi : = 28311.367761742
t1 : = 1.0810343686552E-14
tpunto1 : = 1.0021762566599
tduepunti0 : = -1.8747953054368E+16
v=v_elettrone : = 12730607.600246
x0= : -1.1290533135256E-12
y0= : -1.4114491606358E-12
```

```
*****
i=41773
k(41773)=0.99935030406836
kQ(41773)=0.99870103024153
r1= : 1.8100071712732E-12
rpunto1: = 10804870.338654
rduepunti0 : = -5.2526980571084E+25
fil : = 494.12701796049
fipunto1 : = 3.7019987518672E+18
fi_gradi : = 28311.392672521
t1 : = 1.0810343804086E-14
tpunto1 : = 1.0021740622674
tduepunti0 : = -1.8710921688931E+16
v=v_elettrone : = 12722878.432508
x0= : -1.1292307090114E-12
y0= : -1.4129316135053E-12
*****
i=41774
k(41774)=0.999351044142
kQ(41774)=0.99870250942771
r1= : 1.8112743523482E-12
rpunto1: = 10798716.628256
rduepunti0 : = -5.2470830154402E+25
fil : = 494.12745212607
fipunto1 : = 3.6968152334455E+18
fi_gradi : = 28311.417548376
t1 : = 1.081034392162E-14
tpunto1 : = 1.0021718722048
tduepunti0 : = -1.8674002232227E+16
v=v_elettrone : = 12715159.834913
x0= : -1.1294074406605E-12
y0= : -1.4144132327723E-12
*****
i=41775
k(41775)=0.99935178300378
kQ(41775)=0.99870398619283
r1= : 1.812540811724E-12
rpunto1: = 10792569.48982
rduepunti0 : = -5.241479301641E+25
fil : = 494.12788568373
fipunto1 : = 3.6916455402878E+18
fi_gradi : = 28311.442389401
t1 : = 1.0810344039153E-14
tpunto1 : = 1.0021696864591
tduepunti0 : = -1.8637194226556E+16
v=v_elettrone : = 12707451.780355
x0= : -1.1295835097632E-12
y0= : -1.4158940193197E-12
*****
i=41776
k(41776)=0.99935252065664
kQ(41776)=0.99870546054278
r1= : 1.8138065501714E-12
rpunto1: = 10786428.910096
rduepunti0 : = -5.2358868858922E+25
fil : = 494.12831863509
fipunto1 : = 3.6864896203057E+18
fi_gradi : = 28311.467195687
t1 : = 1.0810344156686E-14
tpunto1 : = 1.002167505017
tduepunti0 : = -1.8600497216561E+16
v=v_elettrone : = 12699754.242022
x0= : -1.1297589176061E-12
y0= : -1.4173739740289E-12
```

```

*****
i=41777
k(41777)=0.99935325710352
kQ(41777)=0.99870693248341
r1= : 1.8150715684597E-12
rpunto1 : = 10780294.875868
rduepunti0 : = -5.2303057384609E+25
fil : = 494.12875098178
fipunto1 : = 3.681347421664E+18
fi_gradi : = 28311.491967327
t1 : = 1.0810344274219E-14
tpunto1 : = 1.0021653278658
tduepunti0 : = -1.8563910749223E+16
v=v_elettrone : = 12692067.193429
x0= : -1.1299336654722E-12
y0= : -1.4188530977791E-12
*****
i=41778
k(41778)=0.99935399234733
kQ(41778)=0.99870840202055
r1= : 1.8163358673565E-12
rpunto1 : = 10774167.373957
rduepunti0 : = -5.2247358296993E+25
fil : = 494.1291827254
fipunto1 : = 3.6762188927788E+18
fi_gradi : = 28311.516704414
t1 : = 1.0810344391752E-14
tpunto1 : = 1.0021631549926
tduepunti0 : = -1.8527434373841E+16
v=v_elettrone : = 12684390.607483
x0= : -1.1301077546403E-12
y0= : -1.4203313914481E-12
*****
i=41779
k(41779)=0.99935472639101
kQ(41779)=0.99870986916004
r1= : 1.8175994476279E-12
rpunto1 : = 10768046.391216
rduepunti0 : = -5.2191771300446E+25
fil : = 494.12961386754
fipunto1 : = 3.6711039823158E+18
fi_gradi : = 28311.541407039
t1 : = 1.0810344509284E-14
tpunto1 : = 1.0021609863843
tduepunti0 : = -1.849106764202E+16
v=v_elettrone : = 12676724.458337
x0= : -1.1302811863854E-12
y0= : -1.4218088559117E-12
*****
i=41780
k(41780)=0.99935545923744
kQ(41780)=0.99871133390768
r1= : 1.8188623100384E-12
rpunto1 : = 10761931.914535
rduepunti0 : = -5.2136296100191E+25
fil : = 494.13004440982
fipunto1 : = 3.6660026391895E+18
fi_gradi : = 28311.566075295
t1 : = 1.0810344626816E-14
tpunto1 : = 1.0021588220283
tduepunti0 : = -1.8454810107653E+16
v=v_elettrone : = 12669068.719065
x0= : -1.130453961979E-12
y0= : -1.423285492044E-12

```

```
*****
i=41781
k(41781)=0.99935619088954
kQ(41781)=0.99871279626925
r1= : 1.820124455351E-12
rpunto1: = 10755823.930835
rduepunti0 : = -5.2080932402297E+25
fil : = 494.13047435382
fipunto1 : = 3.660914812561E+18
fi_gradi : = 28311.590709271
t1 : = 1.0810344744348E-14
tpunto1 : = 1.0021566619118
tduepunti0 : = -1.8418661326914E+16
v=v_elettrone : = 12661423.36354
x0= : -1.1306260826885E-12
y0= : -1.4247613007176E-12
*****
i=41782
k(41782)=0.99935692135019
kQ(41782)=0.99871425625053
r1= : 1.8213858843273E-12
rpunto1: = 10749722.427075
rduepunti0 : = -5.2025679913679E+25
fil : = 494.13090370113
fipunto1 : = 3.6558404518372E+18
fi_gradi : = 28311.61530906
t1 : = 1.081034486188E-14
tpunto1 : = 1.002154506022
tduepunti0 : = -1.8382620858238E+16
v=v_elettrone : = 12653788.365479
x0= : -1.1307975497776E-12
y0= : -1.426236282803E-12
*****
i=41783
k(41783)=0.99935765062226
kQ(41783)=0.99871571385725
r1= : 1.8226465977273E-12
rpunto1: = 10743627.390247
rduepunti0 : = -5.1970538342097E+25
fil : = 494.13133245332
fipunto1 : = 3.6507795066687E+18
fi_gradi : = 28311.639874751
t1 : = 1.0810344979411E-14
tpunto1 : = 1.0021523543464
tduepunti0 : = -1.8346688262309E+16
v=v_elettrone : = 12646163.698938
x0= : -1.1309683645063E-12
y0= : -1.4277104391692E-12
*****
i=41784
k(41784)=0.99935837870863
kQ(41784)=0.99871716909515
r1= : 1.8239065963092E-12
rpunto1: = 10737538.807375
rduepunti0 : = -5.1915507396152E+25
fil : = 494.13176061197
fipunto1 : = 3.6457319269489E+18
fi_gradi : = 28311.664406435
t1 : = 1.0810345096942E-14
tpunto1 : = 1.0021502068723
tduepunti0 : = -1.8310863102047E+16
v=v_elettrone : = 12638549.337815
x0= : -1.1311385281308E-12
y0= : -1.4291837706834E-12
```

```

*****
i=41785
k(41785)=0.99935910561217
kQ(41785)=0.99871862196995
r1= : 1.8251658808302E-12
rpunto1: = 10731456.665522
rduepunti0 : = -5.1860586785287E+25
fil : = 494.13218817864
fipunto1 : = 3.6406976628124E+18
fi_gradi : = 28311.688904201
t1 : = 1.0810345214473E-14
tpunto1 : = 1.0021480635872
tduepunti0 : = -1.8275144942595E+16
v=v_elettrone : = 12630945.255883
x0= : -1.1313080419036E-12
y0= : -1.430656278211E-12
*****
i=41786
k(41786)=0.99935983133571
kQ(41786)=0.99872007248734
r1= : 1.8264244520454E-12
rpunto1: = 10725380.95178
rduepunti0 : = -5.1805776219782E+25
fil : = 494.13261515491
fipunto1 : = 3.6356766646335E+18
fi_gradi : = 28311.713368138
t1 : = 1.0810345332004E-14
tpunto1 : = 1.0021459244785
tduepunti0 : = -1.8239533351302E+16
v=v_elettrone : = 12623351.427237
x0= : -1.1314769070734E-12
y0= : -1.4321279626158E-12
*****
i=41787
k(41787)=0.99936055588211
kQ(41787)=0.99872152065299
r1= : 1.8276823107089E-12
rpunto1: = 10719311.653277
rduepunti0 : = -5.1751075410757E+25
fil : = 494.13304154232
fipunto1 : = 3.6306688830248E+18
fi_gradi : = 28311.737798337
t1 : = 1.0810345449534E-14
tpunto1 : = 1.0021437895339
tduepunti0 : = -1.8204027897713E+16
v=v_elettrone : = 12615767.826761
x0= : -1.1316451248854E-12
y0= : -1.4335988247597E-12
*****
i=41788
k(41788)=0.99936127925419
kQ(41788)=0.99872296647258
r1= : 1.8289394575731E-12
rpunto1: = 10713248.757175
rduepunti0 : = -5.1696484070165E+25
fil : = 494.13346734242
fipunto1 : = 3.6256742688359E+18
fi_gradi : = 28311.762194886
t1 : = 1.0810345567064E-14
tpunto1 : = 1.0021416587409
tduepunti0 : = -1.8168628153556E+16
v=v_elettrone : = 12608194.428277
x0= : -1.1318126965809E-12
y0= : -1.4350688655032E-12

```

```
*****
i=41789
k(41789)=0.9993620014548
kQ(41789)=0.99872440995174
r1= : 1.8301958933886E-12
rpunto1: = 10707192.25067
rduepunti0 : = -5.1642001910793E+25
fil : = 494.13389255676
fipunto1 : = 3.620692773152E+18
fi_gradi : = 28311.786557873
t1 : = 1.0810345684594E-14
tpunto1 : = 1.0021395320873
tduepunti0 : = -1.8133333692724E+16
v=v_elettrone : = 12600631.206396
x0= : -1.1319796233976E-12
y0= : -1.4365380857048E-12
*****
i=41790
k(41790)=0.99936272248673
kQ(41790)=0.99872585109609
r1= : 1.831451618905E-12
rpunto1: = 10701142.120991
rduepunti0 : = -5.158762864626E+25
fil : = 494.13431718688
fipunto1 : = 3.6157243472925E+18
fi_gradi : = 28311.810887387
t1 : = 1.0810345802124E-14
tpunto1 : = 1.0021374095606
tduepunti0 : = -1.8098144091267E+16
v=v_elettrone : = 12593078.135608
x0= : -1.1321459065695E-12
y0= : -1.4380064862213E-12
*****
i=41791
k(41791)=0.9993634423528
kQ(41791)=0.99872728991124
r1= : 1.8327066348702E-12
rpunto1: = 10695098.355399
rduepunti0 : = -5.1533363991016E+25
fil : = 494.13474123431
fipunto1 : = 3.6107689428096E+18
fi_gradi : = 28311.835183515
t1 : = 1.0810345919653E-14
tpunto1 : = 1.0021352911486
tduepunti0 : = -1.8063058927379E+16
v=v_elettrone : = 12585535.190713
x0= : -1.132311547327E-12
y0= : -1.4394740679081E-12
*****
i=41792
k(41792)=0.99936416105581
kQ(41792)=0.99872872640279
r1= : 1.8339609420303E-12
rpunto1: = 10689060.941191
rduepunti0 : = -5.147920766034E+25
fil : = 494.13516470057
fipunto1 : = 3.6058265114869E+18
fi_gradi : = 28311.859446344
t1 : = 1.0810346037182E-14
tpunto1 : = 1.0021331768392
tduepunti0 : = -1.8028077781378E+16
v=v_elettrone : = 12578002.345925
x0= : -1.1324765468968E-12
y0= : -1.4409408316186E-12
```



```
*****
i=41793
k(41793)=0.99936487859855
kQ(41793)=0.9987301605763
r1= : 1.8352145411305E-12
rpunto1: = 10683029.865695
rduepunti0 : = -5.1425159370333E+25
fil : = 494.13558758719
fipunto1 : = 3.6008970053383E+18
fi_gradi : = 28311.883675963
t1 : = 1.0810346154711E-14
tpunto1 : = 1.0021310666202
tduepunti0 : = -1.7993200235703E+16
v=v_elettrone : = 12570479.576267
x0= : -1.1326409065022E-12
y0= : -1.4424067782046E-12
*****
i=41794
k(41794)=0.9993655949838
kQ(41794)=0.99873159243733
r1= : 1.8364674329139E-12
rpunto1: = 10677005.116275
rduepunti0 : = -5.1371218837927E+25
fil : = 494.13600989569
fipunto1 : = 3.5959803766064E+18
fi_gradi : = 28311.907872458
t1 : = 1.081034627224E-14
tpunto1 : = 1.0021289604795
tduepunti0 : = -1.7958425874894E+16
v=v_elettrone : = 12562966.8566
x0= : -1.1328046273627E-12
y0= : -1.4438719085162E-12
*****
i=41795
k(41795)=0.99936631021434
kQ(41795)=0.99873302199142
r1= : 1.8377196181227E-12
rpunto1: = 10670986.680326
rduepunti0 : = -5.1317385780871E+25
fil : = 494.13643162757
fipunto1 : = 3.5910765777611E+18
fi_gradi : = 28311.932035914
t1 : = 1.0810346389768E-14
tpunto1 : = 1.002126858405
tduepunti0 : = -1.7923754285582E+16
v=v_elettrone : = 12555464.162155
x0= : -1.1329677106943E-12
y0= : -1.4453362234019E-12
*****
i=41796
k(41796)=0.99936702429292
kQ(41796)=0.99873444924408
r1= : 1.8389710974971E-12
rpunto1: = 10664974.545275
rduepunti0 : = -5.126365991774E+25
fil : = 494.13685278434
fipunto1 : = 3.5861855614986E+18
fi_gradi : = 28311.95616642
t1 : = 1.0810346507296E-14
tpunto1 : = 1.0021247603848
tduepunti0 : = -1.7889185056475E+16
v=v_elettrone : = 12547971.467542
x0= : -1.1331301577093E-12
y0= : -1.4467997237084E-12
```

```
*****
i=41797
k(41797)=0.9993677372223
kQ(41797)=0.99873587420082
r1= : 1.8402218717762E-12
rpunto1: = 10658968.698585
rduepunti0 : = -5.1210040967926E+25
fil : = 494.13727336749
fipunto1 : = 3.5813072807399E+18
fi_gradi : = 28311.98026406
t1 : = 1.0810346624824E-14
tpunto1 : = 1.0021226664068
tduepunti0 : = -1.7854717778349E+16
v=v_elettrone : = 12540488.748185
x0= : -1.1332919696166E-12
y0= : -1.4482624102807E-12
*****
i=41798
k(41798)=0.99936844900524
kQ(41798)=0.99873729686713
r1= : 1.8414719416974E-12
rpunto1: = 10652969.127749
rduepunti0 : = -5.1156528651636E+25
fil : = 494.13769337853
fipunto1 : = 3.5764416886295E+18
fi_gradi : = 28312.004328919
t1 : = 1.0810346742352E-14
tpunto1 : = 1.0021205764592
tduepunti0 : = -1.7820352044031E+16
v=v_elettrone : = 12533015.979383
x0= : -1.1334531476215E-12
y0= : -1.4497242839624E-12
*****
i=41799
k(41799)=0.99936915964446
kQ(41799)=0.99873871724848
r1= : 1.8427213079968E-12
rpunto1: = 10646975.820295
rduepunti0 : = -5.1103122689898E+25
fil : = 494.13811281894
fipunto1 : = 3.5715887385341E+18
fi_gradi : = 28312.028361085
t1 : = 1.0810346859879E-14
tpunto1 : = 1.0021184905301
tduepunti0 : = -1.7786087448389E+16
v=v_elettrone : = 12525553.135822
x0= : -1.1336136929258E-12
y0= : -1.4511853455951E-12
*****
i=41800
k(41800)=0.9993698691427
kQ(41800)=0.99874013535031
r1= : 1.8439699714089E-12
rpunto1: = 10640988.763782
rduepunti0 : = -5.1049822804549E+25
fil : = 494.1385316902
fipunto1 : = 3.5667483840414E+18
fi_gradi : = 28312.05236064
t1 : = 1.0810346977406E-14
tpunto1 : = 1.0021164086077
tduepunti0 : = -1.775192358832E+16
v=v_elettrone : = 12518100.193957
x0= : -1.1337736067278E-12
y0= : -1.4526455960188E-12
```

```
*****
i=41801
k(41801)=0.99937057750269
kQ(41801)=0.99874155117806
r1= : 1.8452179326669E-12
rpunto1: = 10635007.945801
rduepunti0 : = -5.0996628718239E+25
fil : = 494.13894999379
fipunto1 : = 3.5619205789586E+18
fi_gradi : = 28312.07632767
t1 : = 1.0810347094933E-14
tpunto1 : = 1.0021143306802
tduepunti0 : = -1.7717860062736E+16
v=v_elettrone : = 12510657.128698
x0= : -1.1339328902221E-12
y0= : -1.4541050360722E-12
*****
i=41802
k(41802)=0.99937128472713
kQ(41802)=0.99874296473715
r1= : 1.8464651925024E-12
rpunto1: = 10629033.353978
rduepunti0 : = -5.0943540154431E+25
fil : = 494.13936773118
fipunto1 : = 3.5571052773115E+18
fi_gradi : = 28312.10026226
t1 : = 1.081034721246E-14
tpunto1 : = 1.0021122567359
tduepunti0 : = -1.7683896472555E+16
v=v_elettrone : = 12503223.91576
x0= : -1.1340915446001E-12
y0= : -1.4555636665918E-12
*****
i=41803
k(41803)=0.99937199081873
kQ(41803)=0.99874437603298
r1= : 1.8477117516455E-12
rpunto1: = 10623064.975969
rduepunti0 : = -5.0890556837391E+25
fil : = 494.13978490384
fipunto1 : = 3.5523024333429E+18
fi_gradi : = 28312.124164492
t1 : = 1.0810347329986E-14
tpunto1 : = 1.0021101867632
tduepunti0 : = -1.7650032420685E+16
v=v_elettrone : = 12495800.530276
x0= : -1.1342495710495E-12
y0= : -1.4570214884129E-12
*****
i=41804
k(41804)=0.99937269578018
kQ(41804)=0.99874578507094
r1= : 1.8489576108251E-12
rpunto1: = 10617102.799464
rduepunti0 : = -5.0837678492196E+25
fil : = 494.14020151323
fipunto1 : = 3.5475120015115E+18
fi_gradi : = 28312.148034452
t1 : = 1.0810347447512E-14
tpunto1 : = 1.0021081207504
tduepunti0 : = -1.7616267512017E+16
v=v_elettrone : = 12488386.948655
x0= : -1.1344069707546E-12
y0= : -1.4584785023689E-12
```

```
*****
i=41805
k(41805)=0.99937339961418
kQ(41805)=0.99874719185639
r1= : 1.8502027707684E-12
rpunto1: = 10611146.812183
rduepunti0 : = -5.0784904844724E+25
fil : = 494.1406175608
fipunto1 : = 3.5427339364907E+18
fi_gradi : = 28312.171872222
t1 : = 1.0810347565038E-14
tpunto1 : = 1.0021060586858
tduepunti0 : = -1.7582601353408E+16
v=v_elettrone : = 12480983.14672
x0= : -1.1345637448965E-12
y0= : -1.4599347092916E-12
*****
i=41806
k(41806)=0.99937410232339
kQ(41806)=0.99874859639469
r1= : 1.8514472322012E-12
rpunto1: = 10605197.001879
rduepunti0 : = -5.0732235621658E+25
fil : = 494.14103304801
fipunto1 : = 3.5379681931672E+18
fi_gradi : = 28312.195677885
t1 : = 1.0810347682564E-14
tpunto1 : = 1.0021040005581
tduepunti0 : = -1.7549033553671E+16
v=v_elettrone : = 12473589.100158
x0= : -1.1347198946524E-12
y0= : -1.4613901100113E-12
*****
i=41807
k(41807)=0.99937480391051
kQ(41807)=0.99874999869117
r1= : 1.8526909958481E-12
rpunto1: = 10599253.356338
rduepunti0 : = -5.067967055048E+25
fil : = 494.14144797629
fipunto1 : = 3.53321472664E+18
fi_gradi : = 28312.219451525
t1 : = 1.0810347800089E-14
tpunto1 : = 1.0021019463557
tduepunti0 : = -1.7515563723567E+16
v=v_elettrone : = 12466204.784543
x0= : -1.1348754211965E-12
y0= : -1.4628447053566E-12
*****
i=41808
k(41808)=0.99937550437818
kQ(41808)=0.99875139875114
r1= : 1.8539340624321E-12
rpunto1: = 10593315.863378
rduepunti0 : = -5.062720935947E+25
fil : = 494.1418623471
fipunto1 : = 3.528473492219E+18
fi_gradi : = 28312.243193223
t1 : = 1.0810347917615E-14
tpunto1 : = 1.0020998960671
tduepunti0 : = -1.7482191475787E+16
v=v_elettrone : = 12458830.177211
x0= : -1.1350303256994E-12
y0= : -1.4642984961543E-12
```

```
*****
i=41809
k(41809)=0.99937620372906
kQ(41809)=0.99875279657991
r1= : 1.8551764326746E-12
rpunto1: = 10587384.510846
rduepunti0 : = -5.0574851777707E+25
fil : = 494.14227616186
fipunto1 : = 3.5237444454238E+18
fi_gradi : = 28312.266903063
t1 : = 1.081034803514E-14
tpunto1 : = 1.002097849681
tduepunti0 : = -1.7448916424947E+16
v=v_elettrone : = 12451465.253019
x0= : -1.1351846093282E-12
y0= : -1.4657514832298E-12
*****
i=41810
k(41810)=0.9993769019658
kQ(41810)=0.99875419218276
r1= : 1.8564181072958E-12
rpunto1: = 10581459.286623
rduepunti0 : = -5.0522597535063E+25
fil : = 494.142689422
fipunto1 : = 3.5190275419827E+18
fi_gradi : = 28312.290581125
t1 : = 1.0810348152664E-14
tpunto1 : = 1.002095807186
tduepunti0 : = -1.7415738187569E+16
v=v_elettrone : = 12444109.988578
x0= : -1.1353382732469E-12
y0= : -1.4672036674068E-12
*****
i=41811
k(41811)=0.99937759909104
kQ(41811)=0.99875558556497
r1= : 1.8576590870145E-12
rpunto1: = 10575540.178622
rduepunti0 : = -5.0470446362205E+25
fil : = 494.14310212896
fipunto1 : = 3.5143227378312E+18
fi_gradi : = 28312.314227491
t1 : = 1.0810348270189E-14
tpunto1 : = 1.0020937685708
tduepunti0 : = -1.7382656382079E+16
v=v_elettrone : = 12436764.36087
x0= : -1.1354913186161E-12
y0= : -1.4686550495073E-12
*****
i=41812
k(41812)=0.9993782951074
kQ(41812)=0.99875697673178
r1= : 1.8588993725479E-12
rpunto1: = 10569627.174786
rduepunti0 : = -5.041839799059E+25
fil : = 494.14351428413
fipunto1 : = 3.5096299891111E+18
fi_gradi : = 28312.337842243
t1 : = 1.0810348387713E-14
tpunto1 : = 1.0020917338241
tduepunti0 : = -1.7349670628787E+16
v=v_elettrone : = 12429428.3458
x0= : -1.1356437465927E-12
y0= : -1.4701056303519E-12
```

```
*****
i=41813
k(41813)=0.99937899001752
kQ(41813)=0.99875836568844
r1= : 1.860138964612E-12
rpunto1 : = 10563720.26309
rduepunti0 : = -5.0366452152462E+25
fil : = 494.14392588895
fipunto1 : = 3.504949252169E+18
fi_gradi : = 28312.361425462
t1 : = 1.0810348505237E-14
tpunto1 : = 1.0020897029347
tduepunti0 : = -1.7316780549881E+16
v=v_elettrone : = 12422101.919631
x0= : -1.1357955583306E-12
y0= : -1.4715554107595E-12
*****
i=41814
k(41814)=0.999379683824
kQ(41814)=0.99875975244015
r1= : 1.8613778639212E-12
rpunto1 : = 10557819.43154
rduepunti0 : = -5.0314608580856E+25
fil : = 494.14433694482
fipunto1 : = 3.5002804835557E+18
fi_gradi : = 28312.384977229
t1 : = 1.0810348622761E-14
tpunto1 : = 1.0020876758914
tduepunti0 : = -1.7283985769414E+16
v=v_elettrone : = 12414785.059452
x0= : -1.1359467549804E-12
y0= : -1.4730043915472E-12
*****
i=41815
k(41815)=0.99938037652944
kQ(41815)=0.99876113699213
r1= : 1.8626160711885E-12
rpunto1 : = 10551924.668174
rduepunti0 : = -5.026286700959E+25
fil : = 494.14474745314
fipunto1 : = 3.4956236400243E+18
fi_gradi : = 28312.408497623
t1 : = 1.0810348740284E-14
tpunto1 : = 1.0020856526831
tduepunti0 : = -1.7251285913293E+16
v=v_elettrone : = 12407477.741764
x0= : -1.1360973376891E-12
y0= : -1.4744525735307E-12
*****
i=41816
k(41816)=0.99938106813646
kQ(41816)=0.99876251934957
r1= : 1.8638535871257E-12
rpunto1 : = 10546035.96106
rduepunti0 : = -5.0211227173266E+25
fil : = 494.14515741532
fipunto1 : = 3.4909786785296E+18
fi_gradi : = 28312.431986725
t1 : = 1.0810348857808E-14
tpunto1 : = 1.0020836332988
tduepunti0 : = -1.721868060927E+16
v=v_elettrone : = 12400179.943422
x0= : -1.1362473076007E-12
y0= : -1.4758999575242E-12
```

```
*****
i=41817
k(41817)=0.99938175864763
kQ(41817)=0.99876389951763
r1= : 1.8650904124431E-12
rpunto1 : = 10540153.298299
rduepunti0 : = -5.0159688807267E+25
fil : = 494.14556683273
fipunto1 : = 3.4863455562267E+18
fi_gradi : = 28312.455444615
t1 : = 1.0810348975331E-14
tpunto1 : = 1.0020816177273
tduepunti0 : = -1.7186169486927E+16
v=v_elettrone : = 12392891.640694
x0= : -1.1363966658556E-12
y0= : -1.4773465443401E-12
*****
i=41818
k(41818)=0.99938244806554
kQ(41818)=0.99876527750148
r1= : 1.8663265478494E-12
rpunto1 : = 10534276.668021
rduepunti0 : = -5.0108251647755E+25
fil : = 494.14597570679
fipunto1 : = 3.48172423047E+18
fi_gradi : = 28312.478871373
t1 : = 1.0810349092854E-14
tpunto1 : = 1.0020796059576
tduepunti0 : = -1.7153752177669E+16
v=v_elettrone : = 12385612.811148
x0= : -1.1365454135913E-12
y0= : -1.4787923347893E-12
*****
i=41819
k(41819)=0.99938313639277
kQ(41819)=0.99876665330624
r1= : 1.8675619940522E-12
rpunto1 : = 10528406.058387
rduepunti0 : = -5.0056915431673E+25
fil : = 494.14638403885
fipunto1 : = 3.477114658812E+18
fi_gradi : = 28312.502267077
t1 : = 1.0810349210376E-14
tpunto1 : = 1.0020775979789
tduepunti0 : = -1.7121428314712E+16
v=v_elettrone : = 12378343.431292
x0= : -1.1366935519417E-12
y0= : -1.4802373296812E-12
*****
i=41820
k(41820)=0.99938382363187
kQ(41820)=0.99876802693706
r1= : 1.8687967517576E-12
rpunto1 : = 10522541.457589
rduepunti0 : = -5.0005679896734E+25
fil : = 494.14679183032
fipunto1 : = 3.4725167990021E+18
fi_gradi : = 28312.525631807
t1 : = 1.0810349327898E-14
tpunto1 : = 1.0020755937801
tduepunti0 : = -1.7089197533072E+16
v=v_elettrone : = 12371083.478954
x0= : -1.1368410820378E-12
y0= : -1.4816815298233E-12
```

```
*****
i=41821
k(41821)=0.99938450978541
kQ(41821)=0.99876939839903
r1= : 1.8700308216703E-12
rpunto1: = 10516682.853851
rduepunti0 : = -4.995454478143E+25
fil : = 494.14719908255
fipunto1 : = 3.4679306089856E+18
fi_gradi : = 28312.548965641
t1 : = 1.0810349445421E-14
tpunto1 : = 1.0020735933505
tduepunti0 : = -1.7057059469554E+16
v=v_elettrone : = 12363832.930405
x0= : -1.1369880050069E-12
y0= : -1.483124936022E-12
*****
i=41822
k(41822)=0.99938519485594
kQ(41822)=0.99877076769725
r1= : 1.8712642044936E-12
rpunto1: = 10510830.235426
rduepunti0 : = -4.990350982502E+25
fil : = 494.14760579692
fipunto1 : = 3.4633560469025E+18
fi_gradi : = 28312.572268658
t1 : = 1.0810349562942E-14
tpunto1 : = 1.0020715966791
tduepunti0 : = -1.7025013762742E+16
v=v_elettrone : = 12356591.763236
x0= : -1.1371343219735E-12
y0= : -1.4845675490818E-12
*****
i=41823
k(41823)=0.999385878846
kQ(41823)=0.99877213483679
r1= : 1.8724969009294E-12
rpunto1: = 10504983.590598
rduepunti0 : = -4.9852574767537E+25
fil : = 494.14801197479
fipunto1 : = 3.4587930710867E+18
fi_gradi : = 28312.595540936
t1 : = 1.0810349680464E-14
tpunto1 : = 1.0020696037552
tduepunti0 : = -1.6993060052991E+16
v=v_elettrone : = 12349359.954457
x0= : -1.1372800340586E-12
y0= : -1.4860093698058E-12
*****
i=41824
k(41824)=0.99938656175812
kQ(41824)=0.99877349982273
r1= : 1.8737289116784E-12
rpunto1: = 10499142.907682
rduepunti0 : = -4.9801739349779E+25
fil : = 494.14841761752
fipunto1 : = 3.4542416400643E+18
fi_gradi : = 28312.618782552
t1 : = 1.0810349797986E-14
tpunto1 : = 1.0020676145681
tduepunti0 : = -1.696119798241E+16
v=v_elettrone : = 12342137.482387
x0= : -1.1374251423803E-12
y0= : -1.4874503989953E-12
```



```
*****
i=41825
k(41825)=0.99938724359484
kQ(41825)=0.99877486266009
r1= : 1.8749602374397E-12
rpunto1: = 10493308.175021
rduepunti0 : = -4.975100331331E+25
fil : = 494.14882272647
fipunto1 : = 3.4497017125533E+18
fi_gradi : = 28312.641993585
t1 : = 1.0810349915507E-14
tpunto1 : = 1.002065629107
tduepunti0 : = -1.6929427194859E+16
v=v_elettrone : = 12334924.323325
x0= : -1.1375696480533E-12
y0= : -1.4888906374504E-12
*****
i=41826
k(41826)=0.99938792435867
kQ(41826)=0.99877622335393
r1= : 1.8761908789112E-12
rpunto1: = 10487479.380992
rduepunti0 : = -4.970036640046E+25
fil : = 494.14922730298
fipunto1 : = 3.4451732474616E+18
fi_gradi : = 28312.665174112
t1 : = 1.0810350033028E-14
tpunto1 : = 1.0020636473613
tduepunti0 : = -1.6897747335936E+16
v=v_elettrone : = 12327720.455853
x0= : -1.1377135521891E-12
y0= : -1.4903300859693E-12
*****
i=41827
k(41827)=0.99938860405212
kQ(41827)=0.99877758190924
r1= : 1.8774208367894E-12
rpunto1: = 10481656.513998
rduepunti0 : = -4.9649828354318E+25
fil : = 494.1496313484
fipunto1 : = 3.4406562038868E+18
fi_gradi : = 28312.688324209
t1 : = 1.0810350150548E-14
tpunto1 : = 1.0020616693203
tduepunti0 : = -1.6866158052964E+16
v=v_elettrone : = 12320525.856527
x0= : -1.137856855896E-12
y0= : -1.491768745349E-12
*****
i=41828
k(41828)=0.99938928267769
kQ(41828)=0.99877893833103
r1= : 1.8786501117693E-12
rpunto1: = 10475839.562476
rduepunti0 : = -4.9599388918736E+25
fil : = 494.15003486406
fipunto1 : = 3.4361505411148E+18
fi_gradi : = 28312.711443953
t1 : = 1.0810350268069E-14
tpunto1 : = 1.0020596949735
tduepunti0 : = -1.6834658994986E+16
v=v_elettrone : = 12313340.503703
x0= : -1.1379995602795E-12
y0= : -1.4932066163845E-12
```

```
*****
i=41829
k(41829)=0.99938996023789
kQ(41829)=0.99878029262429
r1= : 1.8798787045447E-12
rpunto1 : = 10470028.514889
rduepunti0 : = -4.954904783832E+25
fil : = 494.15043785131
fipunto1 : = 3.4316562186183E+18
fi_gradi : = 28312.734533422
t1 : = 1.0810350385589E-14
tpunto1 : = 1.0020577243103
tduepunti0 : = -1.6803249812749E+16
v=v_elettrone : = 12306164.375156
x0= : -1.1381416664416E-12
y0= : -1.4946436998697E-12
*****
i=41830
k(41830)=0.9993906367352
kQ(41830)=0.99878164479399
r1= : 1.8811066158081E-12
rpunto1 : = 10464223.359734
rduepunti0 : = -4.9498804858437E+25
fil : = 494.15084031146
fipunto1 : = 3.4271731960566E+18
fi_gradi : = 28312.75759269
t1 : = 1.0810350503109E-14
tpunto1 : = 1.0020557573202
tduepunti0 : = -1.6771930158701E+16
v=v_elettrone : = 12298997.448539
x0= : -1.1382831754813E-12
y0= : -1.4960799965968E-12
*****
i=41831
k(41831)=0.9993913121721
kQ(41831)=0.99878299484507
r1= : 1.8823338462504E-12
rpunto1 : = 10458424.085534
rduepunti0 : = -4.9448659725203E+25
fil : = 494.15124224586
fipunto1 : = 3.4227014332739E+18
fi_gradi : = 28312.780621834
t1 : = 1.0810350620629E-14
tpunto1 : = 1.0020537939929
tduepunti0 : = -1.6740699686976E+16
v=v_elettrone : = 12291839.701899
x0= : -1.1384240884945E-12
y0= : -1.4975155073563E-12
*****
i=41832
k(41832)=0.99939198655106
kQ(41832)=0.99878434278248
r1= : 1.8835603965615E-12
rpunto1 : = 10452630.680845
rduepunti0 : = -4.9398612185489E+25
fil : = 494.15164365581
fipunto1 : = 3.4182408902985E+18
fi_gradi : = 28312.80362093
t1 : = 1.0810350738148E-14
tpunto1 : = 1.0020518343177
tduepunti0 : = -1.6709558053384E+16
v=v_elettrone : = 12284691.113151
x0= : -1.1385644065739E-12
y0= : -1.4989502329374E-12
```

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*****
i=41833
k(41833)=0.99939265987456
kQ(41833)=0.99878568861114
r1= : 1.8847862674296E-12
rpunto1 : = 10446843.134249
rduepunti0 : = -4.9348661986916E+25
fil : = 494.15204454263
fipunto1 : = 3.4137915273417E+18
fi_gradi : = 28312.826590054
t1 : = 1.0810350855668E-14
tpunto1 : = 1.0020498782845
tduepunti0 : = -1.6678504915406E+16
v=v_elettrone : = 12277551.660601
x0= : -1.1387041308093E-12
y0= : -1.5003841741277E-12
*****
i=41834
k(41834)=0.99939333214504
kQ(41834)=0.99878703233597
r1= : 1.8860114595419E-12
rpunto1 : = 10441061.434361
rduepunti0 : = -4.9298808877852E+25
fil : = 494.15244490764
fipunto1 : = 3.4093533047969E+18
fi_gradi : = 28312.849529279
t1 : = 1.0810350973187E-14
tpunto1 : = 1.0020479258827
tduepunti0 : = -1.6647539932179E+16
v=v_elettrone : = 12270421.321952
x0= : -1.1388432622872E-12
y0= : -1.5018173317133E-12
*****
i=41835
k(41835)=0.99939400336496
kQ(41835)=0.99878837396185
r1= : 1.8872359735839E-12
rpunto1 : = 10435285.569824
rduepunti0 : = -4.9249052607412E+25
fil : = 494.15284475214
fipunto1 : = 3.4049261832386E+18
fi_gradi : = 28312.872438681
t1 : = 1.0810351090706E-14
tpunto1 : = 1.0020459771022
tduepunti0 : = -1.6616662764489E+16
v=v_elettrone : = 12263300.075779
x0= : -1.1389818020913E-12
y0= : -1.5032497064786E-12
*****
i=41836
k(41836)=0.99939467353677
kQ(41836)=0.99878971349366
r1= : 1.8884598102401E-12
rpunto1 : = 10429515.529309
rduepunti0 : = -4.9199392925455E+25
fil : = 494.15324407744
fipunto1 : = 3.400510123421E+18
fi_gradi : = 28312.895318335
t1 : = 1.0810351208224E-14
tpunto1 : = 1.0020440319327
tduepunti0 : = -1.6585873074762E+16
v=v_elettrone : = 12256187.900063
x0= : -1.1391197513019E-12
y0= : -1.5046812992069E-12

```

```
*****
i=41837
k(41837)=0.99939534266289
kQ(41837)=0.99879105093628
r1= : 1.8896829701934E-12
rpunto1 : = 10423751.301518
rduepunti0 : = -4.9149829582581E+25
fil : = 494.15364288482
fipunto1 : = 3.3961050862776E+18
fi_gradi : = 28312.918168315
t1 : = 1.0810351325743E-14
tpunto1 : = 1.0020420903639
tduepunti0 : = -1.655517052705E+16
v=v_elettrone : = 12249084.773633
x0= : -1.1392571109967E-12
y0= : -1.5061121106795E-12
*****
i=41838
k(41838)=0.99939601074576
kQ(41838)=0.99879238629454
r1= : 1.8909054541257E-12
rpunto1 : = 10417992.875182
rduepunti0 : = -4.9100362330132E+25
fil : = 494.15404117559
fipunto1 : = 3.3917110329198E+18
fi_gradi : = 28312.940988695
t1 : = 1.0810351443261E-14
tpunto1 : = 1.0020401523858
tduepunti0 : = -1.652455478703E+16
v=v_elettrone : = 12241990.67475
x0= : -1.1393938822499E-12
y0= : -1.5075421416765E-12
*****
i=41839
k(41839)=0.9993966777878
kQ(41839)=0.99879371957328
r1= : 1.8921272627172E-12
rpunto1 : = 10412240.23906
rduepunti0 : = -4.9050990920187E+25
fil : = 494.15443895103
fipunto1 : = 3.3873279246358E+18
fi_gradi : = 28312.963779549
t1 : = 1.0810351560779E-14
tpunto1 : = 1.002038217988
tduepunti0 : = -1.6494025521986E+16
v=v_elettrone : = 12234905.581559
x0= : -1.139530066133E-12
y0= : -1.5089713929764E-12
*****
i=41840
k(41840)=0.99939734379141
kQ(41840)=0.99879505077733
r1= : 1.8933483966471E-12
rpunto1 : = 10406493.381941
rduepunti0 : = -4.9001715105561E+25
fil : = 494.15483621242
fipunto1 : = 3.3829557228903E+18
fi_gradi : = 28312.98654095
t1 : = 1.0810351678297E-14
tpunto1 : = 1.0020362871606
tduepunti0 : = -1.6463582400805E+16
v=v_elettrone : = 12227829.473069
x0= : -1.1396656637144E-12
y0= : -1.5103998653562E-12
```

```
*****
i=41841
k(41841)=0.99939800875901
kQ(41841)=0.99879637991148
r1= : 1.8945688565931E-12
rpunto1 : = 10400752.292644
rduepunti0 : = -4.8952534639804E+25
fil : = 494.15523296105
fipunto1 : = 3.3785943893225E+18
fi_gradi : = 28313.009272972
t1 : = 1.0810351795814E-14
tpunto1 : = 1.0020343598934
tduepunti0 : = -1.6433225093966E+16
v=v_elettrone : = 12220762.327711
x0= : -1.1398006760595E-12
y0= : -1.5118275595915E-12
*****
i=41842
k(41842)=0.999398672693
kQ(41842)=0.99879770698054
r1= : 1.8957886432317E-12
rpunto1 : = 10395016.960013
rduepunti0 : = -4.8903449277198E+25
fil : = 494.15562919818
fipunto1 : = 3.3742438857461E+18
fi_gradi : = 28313.031975687
t1 : = 1.0810351913331E-14
tpunto1 : = 1.0020324361765
tduepunti0 : = -1.6402953273529E+16
v=v_elettrone : = 12213704.124761
x0= : -1.1399351042307E-12
y0= : -1.5132544764563E-12
*****
i=41843
k(41843)=0.99939933559577
kQ(41843)=0.99879903198926
r1= : 1.8970077572379E-12
rpunto1 : = 10389287.372925
rduepunti0 : = -4.8854458772755E+25
fil : = 494.1560249251
fipunto1 : = 3.3699041741477E+18
fi_gradi : = 28313.05464917
t1 : = 1.0810352030849E-14
tpunto1 : = 1.0020305159998
tduepunti0 : = -1.637276661313E+16
v=v_elettrone : = 12206654.841971
x0= : -1.1400689492874E-12
y0= : -1.5146806167232E-12
*****
i=41844
k(41844)=0.9993999974697
kQ(41844)=0.99880035494243
r1= : 1.8982261992856E-12
rpunto1 : = 10383563.520282
rduepunti0 : = -4.8805562882216E+25
fil : = 494.15642014305
fipunto1 : = 3.3655752166862E+18
fi_gradi : = 28313.07729349
t1 : = 1.0810352148365E-14
tpunto1 : = 1.0020285993534
tduepunti0 : = -1.6342664787969E+16
v=v_elettrone : = 12199614.459384
x0= : -1.1402022122862E-12
y0= : -1.516105981163E-12
```

```
*****
i=41845
k(41845)=0.99940065831716
kQ(41845)=0.99880167584478
r1= : 1.8994439700474E-12
rpunto1 : = 10377845.391019
rduepunti0 : = -4.8756761362048E+25
fil : = 494.15681485332
fipunto1 : = 3.3612569756915E+18
fi_gradi : = 28313.099908723
t1 : = 1.0810352265882E-14
tpunto1 : = 1.0020266862274
tduepunti0 : = -1.6312647474801E+16
v=v_elettrone : = 12192582.95502
x0= : -1.1403348942805E-12
y0= : -1.5175305705456E-12
*****
i=41846
k(41846)=0.99940131814054
kQ(41846)=0.99880299470104
r1= : 1.9006610701945E-12
rpunto1 : = 10372132.974095
rduepunti0 : = -4.870805396944E+25
fil : = 494.15720905714
fipunto1 : = 3.356949413664E+18
fi_gradi : = 28313.122494938
t1 : = 1.0810352383398E-14
tpunto1 : = 1.002024776612
tduepunti0 : = -1.628271435193E+16
v=v_elettrone : = 12185560.308252
x0= : -1.1404669963211E-12
y0= : -1.518954385639E-12
*****
i=41847
k(41847)=0.99940197694218
kQ(41847)=0.99880431151594
r1= : 1.9018775003967E-12
rpunto1 : = 10366426.258499
rduepunti0 : = -4.8659440462308E+25
fil : = 494.15760275578
fipunto1 : = 3.3526524932732E+18
fi_gradi : = 28313.145052209
t1 : = 1.0810352500915E-14
tpunto1 : = 1.0020228704972
tduepunti0 : = -1.6252865099194E+16
v=v_elettrone : = 12178546.498827
x0= : -1.1405985194554E-12
y0= : -1.5203774272097E-12
*****
i=41848
k(41848)=0.99940263472445
kQ(41848)=0.99880562629418
r1= : 1.9030932613228E-12
rpunto1 : = 10360725.233249
rduepunti0 : = -4.8610920599284E+25
fil : = 494.15799595049
fipunto1 : = 3.3483661773571E+18
fi_gradi : = 28313.167580606
t1 : = 1.081035261843E-14
tpunto1 : = 1.0020209678733
tduepunti0 : = -1.6223099397963E+16
v=v_elettrone : = 12171541.504962
x0= : -1.1407294647283E-12
y0= : -1.5217996960231E-12
```

```
*****
i=41849
k(41849)=0.9994032914897
kQ(41849)=0.99880693904045
r1= : 1.9043083536402E-12
rpunto1: = 10355029.887392
rduepunti0 : = -4.856249413972E+25
fil : = 494.1583886425
fipunto1 : = 3.3440904289213E+18
fi_gradi : = 28313.190080201
t1 : = 1.0810352735946E-14
tpunto1 : = 1.0020190687305
tduepunti0 : = -1.6193416931127E+16
v=v_elettrone : = 12164545.305721
x0= : -1.1408598331816E-12
y0= : -1.5232211928427E-12
*****
i=41850
k(41850)=0.99940394724026
kQ(41850)=0.99880824975942
r1= : 1.9055227780148E-12
rpunto1: = 10349340.21
rduepunti0 : = -4.8514160843685E+25
fil : = 494.15878083305
fipunto1 : = 3.3398252111376E+18
fi_gradi : = 28313.212551064
t1 : = 1.0810352853462E-14
tpunto1 : = 1.0020171730591
tduepunti0 : = -1.6163817383087E+16
v=v_elettrone : = 12157557.88153
x0= : -1.1409896258543E-12
y0= : -1.5246419184309E-12
*****
i=41851
k(41851)=0.99940460197848
kQ(41851)=0.99880955845576
r1= : 1.9067365351115E-12
rpunto1: = 10343656.190176
rduepunti0 : = -4.8465920471962E+25
fil : = 494.15917252339
fipunto1 : = 3.3355704873438E+18
fi_gradi : = 28313.234993267
t1 : = 1.0810352970977E-14
tpunto1 : = 1.0020152808495
tduepunti0 : = -1.6134300439746E+16
v=v_elettrone : = 12150579.210795
x0= : -1.1411188437825E-12
y0= : -1.5260618735483E-12
*****
i=41852
k(41852)=0.99940525570667
kQ(41852)=0.99881086513411
r1= : 1.9079496255937E-12
rpunto1: = 10337977.817049
rduepunti0 : = -4.841772786045E+25
fil : = 494.15956371474
fipunto1 : = 3.3313262210421E+18
fi_gradi : = 28313.257406881
t1 : = 1.0810353088492E-14
tpunto1 : = 1.0020133920918
tduepunti0 : = -1.6104865788503E+16
v=v_elettrone : = 12143609.273741
x0= : -1.1412474879992E-12
y0= : -1.5274810589543E-12
```

```
*****
i=41853
k(41853)=0.99940590842715
kQ(41853)=0.99881216979911
r1= : 1.9091620501238E-12
rpunto1: = 10332305.079779
rduepunti0 : = -4.836971754814E+25
fil : = 494.15995440833
fipunto1 : = 3.3270923758987E+18
fi_gradi : = 28313.279791974
t1 : = 1.0810353206007E-14
tpunto1 : = 1.0020115067767
tduepunti0 : = -1.6075513118242E+16
v=v_elettrone : = 12136648.049063
x0= : -1.1413755595349E-12
y0= : -1.5288994754069E-12
*****
i=41854
k(41854)=0.99940656014225
kQ(41854)=0.99881347245537
r1= : 1.9103738093626E-12
rpunto1: = 10326637.967549
rduepunti0 : = -4.8321754521162E+25
fil : = 494.16034460537
fipunto1 : = 3.3228689157427E+18
fi_gradi : = 28313.302148618
t1 : = 1.0810353323521E-14
tpunto1 : = 1.0020096248944
tduepunti0 : = -1.6046242119323E+16
v=v_elettrone : = 12129695.516801
x0= : -1.141503059417E-12
y0= : -1.5303171236625E-12
*****
i=41855
k(41855)=0.99940721085427
kQ(41855)=0.99881477310751
r1= : 1.91158490397E-12
rpunto1: = 10320976.469574
rduepunti0 : = -4.827388346873E+25
fil : = 494.1607343071
fipunto1 : = 3.3186558045651E+18
fi_gradi : = 28313.324476882
t1 : = 1.0810353441036E-14
tpunto1 : = 1.0020077464354
tduepunti0 : = -1.6017052483579E+16
v=v_elettrone : = 12122751.656426
x0= : -1.1416299886701E-12
y0= : -1.5317340044759E-12
*****
i=41856
k(41856)=0.9994078605655
kQ(41856)=0.99881607176011
r1= : 1.9127953346042E-12
rpunto1: = 10315320.575094
rduepunti0 : = -4.8226104155169E+25
fil : = 494.16112351471
fipunto1 : = 3.3144530065182E+18
fi_gradi : = 28313.346776836
t1 : = 1.081035355855E-14
tpunto1 : = 1.0020058713902
tduepunti0 : = -1.5987943904298E+16
v=v_elettrone : = 12115816.447789
x0= : -1.1417563483161E-12
y0= : -1.5331501186009E-12
```



```
*****
i=41857
k(41857)=0.99940850927824
kQ(41857)=0.99881736841776
r1= : 1.9140051019226E-12
rpunto1: = 10309670.273378
rduepunti0 : = -4.8178416345507E+25
fil : = 494.16151222943
fipunto1 : = 3.3102604859146E+18
fi_gradi : = 28313.369048549
t1 : = 1.0810353676064E-14
tpunto1 : = 1.0020039997494
tduepunti0 : = -1.5958916076225E+16
v=v_elettrone : = 12108889.870658
x0= : -1.1418821393739E-12
y0= : -1.5345654667894E-12
*****
i=41858
k(41858)=0.99940915699477
kQ(41858)=0.99881866308501
r1= : 1.9152142065809E-12
rpunto1: = 10304025.553722
rduepunti0 : = -4.8130819805471E+25
fil : = 494.16190045245
fipunto1 : = 3.3060782072259E+18
fi_gradi : = 28313.39129209
t1 : = 1.0810353793578E-14
tpunto1 : = 1.0020021315035
tduepunti0 : = -1.5929968695545E+16
v=v_elettrone : = 12101971.905191
x0= : -1.1420073628598E-12
y0= : -1.5359800497922E-12
*****
i=41859
k(41859)=0.99940980371738
kQ(41859)=0.99881995576641
r1= : 1.9164226492339E-12
rpunto1: = 10298386.40545
rduepunti0 : = -4.8083314301488E+25
fil : = 494.16228818499
fipunto1 : = 3.3019061350828E+18
fi_gradi : = 28313.413507527
t1 : = 1.0810353911091E-14
tpunto1 : = 1.0020002666431
tduepunti0 : = -1.5901101459881E+16
v=v_elettrone : = 12095062.530474
x0= : -1.142132019787E-12
y0= : -1.5373938683586E-12
*****
i=41860
k(41860)=0.99941044944833
kQ(41860)=0.99882124646651
r1= : 1.917630430535E-12
rpunto1: = 10292752.817912
rduepunti0 : = -4.8035899600681E+25
fil : = 494.16267542822
fipunto1 : = 3.297744234273E+18
fi_gradi : = 28313.43569493
t1 : = 1.0810354028604E-14
tpunto1 : = 1.0019984051588
tduepunti0 : = -1.5872314068284E+16
v=v_elettrone : = 12088161.726964
x0= : -1.1422561111662E-12
y0= : -1.5388069232364E-12
```

```
*****
i=41861
k(41861)=0.99941109418989
kQ(41861)=0.99882253518983
r1= : 1.9188375511363E-12
rpunto1: = 10287124.780486
rduepunti0 : = -4.7988575470867E+25
fil : = 494.16306218336
fipunto1 : = 3.2935924697416E+18
fi_gradi : = 28313.457854367
t1 : = 1.0810354146117E-14
tpunto1 : = 1.0019965470414
tduepunti0 : = -1.5843606221224E+16
v=v_elettrone : = 12081269.475034
x0= : -1.1423796380052E-12
y0= : -1.540219215172E-12
*****
i=41862
k(41862)=0.99941173794431
kQ(41862)=0.99882382194086
r1= : 1.9200440116887E-12
rpunto1: = 10281502.282577
rduepunti0 : = -4.7941341680556E+25
fil : = 494.16344845158
fipunto1 : = 3.2894508065893E+18
fi_gradi : = 28313.479985906
t1 : = 1.081035426363E-14
tpunto1 : = 1.0019946922815
tduepunti0 : = -1.581497762058E+16
v=v_elettrone : = 12074385.754467
x0= : -1.142502601309E-12
y0= : -1.5416307449103E-12
*****
i=41863
k(41863)=0.99941238071385
kQ(41863)=0.99882510672412
r1= : 1.9212498128418E-12
rpunto1: = 10275885.313617
rduepunti0 : = -4.7894197998948E+25
fil : = 494.16383423407
fipunto1 : = 3.285319210072E+18
fi_gradi : = 28313.502089615
t1 : = 1.0810354381143E-14
tpunto1 : = 1.0019928408698
tduepunti0 : = -1.5786427969639E+16
v=v_elettrone : = 12067510.545449
x0= : -1.14262500208E-12
y0= : -1.543041513195E-12
*****
i=41864
k(41864)=0.99941302250075
kQ(41864)=0.99882638954409
r1= : 1.9224549552442E-12
rpunto1: = 10270273.863066
rduepunti0 : = -4.7847144195934E+25
fil : = 494.16421953202
fipunto1 : = 3.2811976455997E+18
fi_gradi : = 28313.524165561
t1 : = 1.0810354498655E-14
tpunto1 : = 1.0019909927972
tduepunti0 : = -1.575795697308E+16
v=v_elettrone : = 12060643.828075
x0= : -1.1427468413176E-12
y0= : -1.5444515207683E-12
```

```
*****
i=41865
k(41865)=0.99941366330725
kQ(41865)=0.99882767040522
r1= : 1.9236594395431E-12
rpunto1: = 10264667.92041
rduepunti0 : = -4.7800180042089E+25
fil : = 494.16460434659
fipunto1 : = 3.277086078736E+18
fi_gradi : = 28313.546213812
t1 : = 1.0810354616168E-14
tpunto1 : = 1.0019891480545
tduepunti0 : = -1.5729564336971E+16
v=v_elettrone : = 12053785.582834
x0= : -1.1428681200186E-12
y0= : -1.5458607683709E-12
*****
i=41866
k(41866)=0.99941430313558
kQ(41866)=0.99882894931198
r1= : 1.9248632663843E-12
rpunto1: = 10259067.475161
rduepunti0 : = -4.7753305308673E+25
fil : = 494.16498867896
fipunto1 : = 3.2729844751971E+18
fi_gradi : = 28313.568234435
t1 : = 1.0810354733679E-14
tpunto1 : = 1.0019873066324
tduepunti0 : = -1.570124976876E+16
v=v_elettrone : = 12046935.79013
x0= : -1.1429888391773E-12
y0= : -1.5472692567421E-12
*****
i=41867
k(41867)=0.99941494198797
kQ(41867)=0.99883022626882
r1= : 1.9260664364125E-12
rpunto1: = 10253472.516859
rduepunti0 : = -4.7706519767631E+25
fil : = 494.1653725303
fipunto1 : = 3.2688928008507E+18
fi_gradi : = 28313.590227497
t1 : = 1.0810354851191E-14
tpunto1 : = 1.0019854685219
tduepunti0 : = -1.5673012977266E+16
v=v_elettrone : = 12040094.43028
x0= : -1.1431089997848E-12
y0= : -1.54867698662E-12
*****
i=41868
k(41868)=0.99941557986663
kQ(41868)=0.99883150128015
r1= : 1.9272689502714E-12
rpunto1: = 10247883.035071
rduepunti0 : = -4.7659823191586E+25
fil : = 494.16575590178
fipunto1 : = 3.2648110217159E+18
fi_gradi : = 28313.612193064
t1 : = 1.0810354968703E-14
tpunto1 : = 1.0019836337139
tduepunti0 : = -1.5644853672673E+16
v=v_elettrone : = 12033261.484486
x0= : -1.14322860283E-12
y0= : -1.5500839587411E-12
```

```
*****
i=41869
k(41869)=0.99941621677377
kQ(41869)=0.99883277435039
r1= : 1.9284708086032E-12
rpunto1: = 10242299.019389
rduepunti0 : = -4.7613215353842E+25
fil : = 494.16613879455
fipunto1 : = 3.2607391039614E+18
fi_gradi : = 28313.634131204
t1 : = 1.0810355086214E-14
tpunto1 : = 1.0019818021994
tduepunti0 : = -1.5616771566523E+16
v=v_elettrone : = 12026436.931904
x0= : -1.1433476492986E-12
y0= : -1.5514901738405E-12
*****
i=41870
k(41870)=0.9994168527116
kQ(41870)=0.99883404548395
r1= : 1.9296720120489E-12
rpunto1: = 10236720.459433
rduepunti0 : = -4.7566696028377E+25
fil : = 494.16652120977
fipunto1 : = 3.2566770139057E+18
fi_gradi : = 28313.656041982
t1 : = 1.0810355203725E-14
tpunto1 : = 1.0019799739692
tduepunti0 : = -1.5588766371705E+16
v=v_elettrone : = 12019620.754546
x0= : -1.1434661401741E-12
y0= : -1.5528956326522E-12
*****
i=41871
k(41871)=0.99941748768231
kQ(41871)=0.99883531468522
r1= : 1.9308725612484E-12
rpunto1: = 10231147.344848
rduepunti0 : = -4.7520264989848E+25
fil : = 494.1669031486
fipunto1 : = 3.2526247180154E+18
fi_gradi : = 28313.677925465
t1 : = 1.0810355321236E-14
tpunto1 : = 1.0019781490145
tduepunti0 : = -1.5560837802449E+16
v=v_elettrone : = 12012812.932372
x0= : -1.1435840764369E-12
y0= : -1.5543003359084E-12
*****
i=41872
k(41872)=0.9994181216881
kQ(41872)=0.99883658195857
r1= : 1.9320724568403E-12
rpunto1: = 10225579.665307
rduepunti0 : = -4.7473922013581E+25
fil : = 494.16728461217
fipunto1 : = 3.2485821829051E+18
fi_gradi : = 28313.699781718
t1 : = 1.0810355438747E-14
tpunto1 : = 1.0019763273262
tduepunti0 : = -1.5532985574322E+16
v=v_elettrone : = 12006013.446725
x0= : -1.1437014590651E-12
y0= : -1.5557042843401E-12
```

```
*****
i=41873
k(41873)=0.99941875473115
kQ(41873)=0.99883784730836
r1= : 1.933271699462E-12
rpunto1 : = 10220017.410508
rduepunti0 : = -4.7427666875576E+25
fil : = 494.16766560165
fipunto1 : = 3.2445493753361E+18
fi_gradi : = 28313.721610807
t1 : = 1.0810355556257E-14
tpunto1 : = 1.0019745088955
tduepunti0 : = -1.5505209404214E+16
v=v_elettrone : = 11999222.277397
x0= : -1.1438182890338E-12
y0= : -1.5571074786772E-12
*****
i=41874
k(41874)=0.99941938681364
kQ(41874)=0.99883911073895
r1= : 1.9344702897497E-12
rpunto1 : = 10214460.570176
rduepunti0 : = -4.7381499352499E+25
fil : = 494.16804611816
fipunto1 : = 3.2405262622161E+18
fi_gradi : = 28313.743412797
t1 : = 1.0810355673768E-14
tpunto1 : = 1.0019726937135
tduepunti0 : = -1.5477509010336E+16
v=v_elettrone : = 11992439.406534
x0= : -1.1439345673159E-12
y0= : -1.5585099196478E-12
*****
i=41875
k(41875)=0.99942001793774
kQ(41875)=0.99884037225467
r1= : 1.9356682283385E-12
rpunto1 : = 10208909.134061
rduepunti0 : = -4.7335419221686E+25
fil : = 494.16842616284
fipunto1 : = 3.2365128105979E+18
fi_gradi : = 28313.765187753
t1 : = 1.0810355791278E-14
tpunto1 : = 1.0019708817713
tduepunti0 : = -1.544988411221E+16
v=v_elettrone : = 11985664.814259
x0= : -1.1440502948811E-12
y0= : -1.5599116079788E-12
*****
i=41876
k(41876)=0.99942064810561
kQ(41876)=0.99884163185984
r1= : 1.9368655158621E-12
rpunto1 : = 10203363.091941
rduepunti0 : = -4.7289426261137E+25
fil : = 494.16880573684
fipunto1 : = 3.2325089876789E+18
fi_gradi : = 28313.786935741
t1 : = 1.0810355908787E-14
tpunto1 : = 1.0019690730601
tduepunti0 : = -1.5422334430664E+16
v=v_elettrone : = 11978898.481562
x0= : -1.1441654726969E-12
y0= : -1.5613125443957E-12
```

```
*****
i=41877
k(41877)=0.99942127731942
kQ(41877)=0.99884288955878
r1= : 1.9380621529531E-12
rpunto1: = 10197822.433618
rduepunti0 : = -4.7243520249514E+25
fil : = 494.16918484127
fipunto1 : = 3.2285147608005E+18
fi_gradi : = 28313.808656825
t1 : = 1.0810356026297E-14
tpunto1 : = 1.001967267571
tduepunti0 : = -1.5394859687819E+16
v=v_elettrone : = 11972140.389858
x0= : -1.1442801017281E-12
y0= : -1.5627127296227E-12
*****
i=41878
k(41878)=0.99942190558132
kQ(41878)=0.99884414535579
r1= : 1.9392581402429E-12
rpunto1: = 10192287.14892
rduepunti0 : = -4.7197700966142E+25
fil : = 494.16956347726
fipunto1 : = 3.2245300974468E+18
fi_gradi : = 28313.830351069
t1 : = 1.0810356143806E-14
tpunto1 : = 1.0019654652955
tduepunti0 : = -1.536745960709E+16
v=v_elettrone : = 11965390.520473
x0= : -1.1443941829367E-12
y0= : -1.5641121643826E-12
*****
i=41879
k(41879)=0.99942253289345
kQ(41879)=0.99884539925515
r1= : 1.9404534783618E-12
rpunto1: = 10186757.227703
rduepunti0 : = -4.7151968191004E+25
fil : = 494.16994164594
fipunto1 : = 3.2205549652445E+18
fi_gradi : = 28313.852018538
t1 : = 1.0810356261316E-14
tpunto1 : = 1.0019636662246
tduepunti0 : = -1.5340133913172E+16
v=v_elettrone : = 11958648.854161
x0= : -1.1445077172824E-12
y0= : -1.5655108493969E-12
*****
i=41880
k(41880)=0.99942315925795
kQ(41880)=0.99884665126113
r1= : 1.9416481679388E-12
rpunto1: = 10181232.659845
rduepunti0 : = -4.7106321704742E+25
fil : = 494.17031934842
fipunto1 : = 3.2165893319614E+18
fi_gradi : = 28313.873659296
t1 : = 1.0810356378825E-14
tpunto1 : = 1.0019618703498
tduepunti0 : = -1.5312882332036E+16
v=v_elettrone : = 11951915.372577
x0= : -1.144620705722E-12
y0= : -1.5669087853857E-12
```

```
*****
i=41881
k(41881)=0.99942378467695
kQ(41881)=0.998847901378
r1= : 1.9428422096016E-12
rpunto1 : = 10175713.435254
rduepunti0 : = -4.7060761288651E+25
fil : = 494.17069658581
fipunto1 : = 3.2126331655065E+18
fi_gradi : = 28313.895273407
t1 : = 1.0810356496333E-14
tpunto1 : = 1.0019600776623
tduepunti0 : = -1.5285704590923E+16
v=v_elettrone : = 11945190.056301
x0= : -1.14473314921E-12
y0= : -1.5683059730677E-12
*****
i=41882
k(41882)=0.99942440915259
kQ(41882)=0.99884914961
r1= : 1.944035603977E-12
rpunto1 : = 10170199.543861
rduepunti0 : = -4.7015286724681E+25
fil : = 494.17107335923
fipunto1 : = 3.2086864339284E+18
fi_gradi : = 28313.916860934
t1 : = 1.0810356613842E-14
tpunto1 : = 1.0019582881536
tduepunti0 : = -1.5258600418333E+16
v=v_elettrone : = 11938472.887808
x0= : -1.1448450486982E-12
y0= : -1.5697024131602E-12
*****
i=41883
k(41883)=0.99942503268698
kQ(41883)=0.99885039596136
r1= : 1.9452283516904E-12
rpunto1 : = 10164690.975621
rduepunti0 : = -4.6969897795434E+25
fil : = 494.17144966978
fipunto1 : = 3.2047491054151E+18
fi_gradi : = 28313.93842194
t1 : = 1.081035673135E-14
tpunto1 : = 1.001956501815
tduepunti0 : = -1.5231569544021E+16
v=v_elettrone : = 11931763.84752
x0= : -1.1449564051357E-12
y0= : -1.5710981063794E-12
*****
i=41884
k(41884)=0.99942565528223
kQ(41884)=0.99885164043632
r1= : 1.9464204533662E-12
rpunto1 : = 10159187.720518
rduepunti0 : = -4.692459428416E+25
fil : = 494.17182551857
fipunto1 : = 3.2008211482932E+18
fi_gradi : = 28313.959956489
t1 : = 1.0810356848859E-14
tpunto1 : = 1.001954718638
tduepunti0 : = -1.5204611698989E+16
v=v_elettrone : = 11925062.917749
x0= : -1.1450672194694E-12
y0= : -1.57249305344E-12
```

```

*****
i=41885
k(41885)=0.99942627694046
kQ(41885)=0.99885288303907
r1= : 1.9476119096274E-12
rpunto1: = 10153689.76856
rduepunti0 : = -4.6879375974758E+25
fil : = 494.17220090669
fipunto1 : = 3.1969025310269E+18
fi_gradi : = 28313.981464644
t1 : = 1.0810356966366E-14
tpunto1 : = 1.0019529386141
tduepunti0 : = -1.5177726615482E+16
v=v_elettrone : = 11918370.079741
x0= : -1.1451774926433E-12
y0= : -1.5738872550553E-12
*****
i=41886
k(41886)=0.99942689766376
kQ(41886)=0.99885412377381
r1= : 1.9488027210959E-12
rpunto1: = 10148197.109778
rduepunti0 : = -4.6834242651772E+25
fil : = 494.17257583524
fipunto1 : = 3.1929932222175E+18
fi_gradi : = 28314.002946468
t1 : = 1.0810357083874E-14
tpunto1 : = 1.0019511617347
tduepunti0 : = -1.5150914026975E+16
v=v_elettrone : = 11911685.314656
x0= : -1.145287225599E-12
y0= : -1.5752807119374E-12
*****
i=41887
k(41887)=0.99942751745424
kQ(41887)=0.99885536264474
r1= : 1.9499928883926E-12
rpunto1: = 10142709.734232
rduepunti0 : = -4.6789194100391E+25
fil : = 494.17295030532
fipunto1 : = 3.1890931906026E+18
fi_gradi : = 28314.024402023
t1 : = 1.0810357201382E-14
tpunto1 : = 1.0019493879913
tduepunti0 : = -1.5124173668171E+16
v=v_elettrone : = 11905008.605056
x0= : -1.1453964192758E-12
y0= : -1.576673424797E-12
*****
i=41888
k(41888)=0.99942813631397
kQ(41888)=0.99885659965602
r1= : 1.9511824121371E-12
rpunto1: = 10137227.632005
rduepunti0 : = -4.6744230106445E+25
fil : = 494.173324318
fipunto1 : = 3.1852024050555E+18
fi_gradi : = 28314.045831371
t1 : = 1.0810357318889E-14
tpunto1 : = 1.0019476173756
tduepunti0 : = -1.5097505274994E+16
v=v_elettrone : = 11898339.931956
x0= : -1.1455050746101E-12
y0= : -1.5780653943434E-12

```



```
*****
i=41889
k(41889)=0.99942875424505
kQ(41889)=0.99885783481182
r1= : 1.9523712929478E-12
rpunto1: = 10131750.793204
rduepunti0 : = -4.6699350456403E+25
fil : = 494.17369787437
fipunto1 : = 3.1813208345842E+18
fi_gradi : = 28314.067234575
t1 : = 1.0810357436396E-14
tpunto1 : = 1.0019458498792
tduepunti0 : = -1.507090858458E+16
v=v_elettrone : = 11891679.277753
x0= : -1.145613192536E-12
y0= : -1.5794566212848E-12
*****
i=41890
k(41890)=0.99942937124955
kQ(41890)=0.99885906811627
r1= : 1.953559531442E-12
rpunto1: = 10126279.207963
rduepunti0 : = -4.6654554937374E+25
fil : = 494.17407097552
fipunto1 : = 3.177448448331E+18
fi_gradi : = 28314.088611696
t1 : = 1.0810357553903E-14
tpunto1 : = 1.0019440854936
tduepunti0 : = -1.5044383335272E+16
v=v_elettrone : = 11885026.623789
x0= : -1.1457207739852E-12
y0= : -1.5808471063279E-12
*****
i=41891
k(41891)=0.99942998732954
kQ(41891)=0.99886029957353
r1= : 1.9547471282358E-12
rpunto1: = 10120812.86644
rduepunti0 : = -4.6609843337101E+25
fil : = 494.17444362253
fipunto1 : = 3.1735852155715E+18
fi_gradi : = 28314.109962796
t1 : = 1.081035767141E-14
tpunto1 : = 1.0019423242104
tduepunti0 : = -1.5017929266612E+16
v=v_elettrone : = 11878381.952319
x0= : -1.1458278198866E-12
y0= : -1.5822368501782E-12
*****
i=41892
k(41892)=0.99943060248709
kQ(41892)=0.9988615291877
r1= : 1.9559340839442E-12
rpunto1: = 10115351.758818
rduepunti0 : = -4.6565215443965E+25
fil : = 494.17481581645
fipunto1 : = 3.1697311057141E+18
fi_gradi : = 28314.131287938
t1 : = 1.0810357788916E-14
tpunto1 : = 1.0019405660215
tduepunti0 : = -1.4991546119336E+16
v=v_elettrone : = 11871745.245014
x0= : -1.145934331167E-12
y0= : -1.5836258535396E-12
```

```
*****
i=41893
k(41893)=0.99943121672424
kQ(41893)=0.9988627569629
r1= : 1.9571203991811E-12
rpunto1: = 10109895.875304
rduepunti0 : = -4.6520671046975E+25
fil : = 494.17518755838
fipunto1 : = 3.1658860882993E+18
fi_gradi : = 28314.152587181
t1 : = 1.0810357906423E-14
tpunto1 : = 1.0019388109185
tduepunti0 : = -1.4965233635368E+16
v=v_elettrone : = 11865116.483974
x0= : -1.1460403087504E-12
y0= : -1.585014117115E-12
*****
i=41894
k(41894)=0.99943183004307
kQ(41894)=0.99886398290324
r1= : 1.9583060745591E-12
rpunto1: = 10104445.206132
rduepunti0 : = -4.6476209935773E+25
fil : = 494.17555884936
fipunto1 : = 3.1620501329989E+18
fi_gradi : = 28314.173860587
t1 : = 1.0810358023929E-14
tpunto1 : = 1.001937058893
tduepunti0 : = -1.493899155781E+16
v=v_elettrone : = 11858495.651713
x0= : -1.1461457535587E-12
y0= : -1.5864016416059E-12
*****
i=41895
k(41895)=0.99943244244561
kQ(41895)=0.99886520701279
r1= : 1.9594911106897E-12
rpunto1: = 10098999.741558
rduepunti0 : = -4.6431831900629E+25
fil : = 494.17592969047
fipunto1 : = 3.1582232096154E+18
fi_gradi : = 28314.195108218
t1 : = 1.0810358141434E-14
tpunto1 : = 1.001935309937
tduepunti0 : = -1.4912819630937E+16
v=v_elettrone : = 11851882.730167
x0= : -1.146250666511E-12
y0= : -1.5877884277125E-12
*****
i=41896
k(41896)=0.9994330539339
kQ(41896)=0.99886642929563
r1= : 1.9606755081833E-12
rpunto1: = 10093559.471863
rduepunti0 : = -4.638753673244E+25
fil : = 494.17630008276
fipunto1 : = 3.1544052880811E+18
fi_gradi : = 28314.216330133
t1 : = 1.081035825894E-14
tpunto1 : = 1.0019335640423
tduepunti0 : = -1.4886717600195E+16
v=v_elettrone : = 11845277.701707
x0= : -1.1463550485242E-12
y0= : -1.5891744761338E-12
```

```
*****
i=41897
k(41897)=0.99943366450997
kQ(41897)=0.99886764975583
r1= : 1.9618592676493E-12
rpunto1: = 10088124.387353
rduepunti0 : = -4.6343324222727E+25
fil : = 494.17667002729
fipunto1 : = 3.1505963384578E+18
fi_gradi : = 28314.237526393
t1 : = 1.0810358376446E-14
tpunto1 : = 1.0019318212005
tduepunti0 : = -1.4860685212187E+16
v=v_elettrone : = 11838680.547619
x0= : -1.1464589005124E-12
y0= : -1.5905597875672E-12
*****
i=41898
k(41898)=0.99943427417586
kQ(41898)=0.99886886839744
r1= : 1.9630423896956E-12
rpunto1: = 10082694.47836
rduepunti0 : = -4.6299194163634E+25
fil : = 494.17703952511
fipunto1 : = 3.1467963309359E+18
fi_gradi : = 28314.258697059
t1 : = 1.0810358493951E-14
tpunto1 : = 1.0019300814037
tduepunti0 : = -1.4834722214672E+16
v=v_elettrone : = 11832091.251598
x0= : -1.1465622233878E-12
y0= : -1.5919443627091E-12
*****
i=41899
k(41899)=0.99943488293359
kQ(41899)=0.99887008522449
r1= : 1.9642248749293E-12
rpunto1: = 10077269.735236
rduepunti0 : = -4.6255146347927E+25
fil : = 494.17740857727
fipunto1 : = 3.1430052358334E+18
fi_gradi : = 28314.27984219
t1 : = 1.0810358611456E-14
tpunto1 : = 1.0019283446436
tduepunti0 : = -1.4808828356558E+16
v=v_elettrone : = 11825509.795294
x0= : -1.1466650180599E-12
y0= : -1.5933282022545E-12
*****
i=41900
k(41900)=0.99943549078518
kQ(41900)=0.99887130024101
r1= : 1.9654067239562E-12
rpunto1: = 10071850.148362
rduepunti0 : = -4.621118056899E+25
fil : = 494.17777718482
fipunto1 : = 3.139223023596E+18
fi_gradi : = 28314.300961847
t1 : = 1.0810358728961E-14
tpunto1 : = 1.0019266109123
tduepunti0 : = -1.4783003387892E+16
v=v_elettrone : = 11818936.161256
x0= : -1.1467672854357E-12
y0= : -1.5947113068971E-12
```

```

*****
i=41901
k(41901)=0.99943609773263
kQ(41901)=0.99887251345102
r1= : 1.966587937381E-12
rpunto1: = 10066435.708139
rduepunti0 : = -4.6167296620824E+25
fil : = 494.17814534879
fipunto1 : = 3.1354496647957E+18
fi_gradi : = 28314.322056088
t1 : = 1.0810358846465E-14
tpunto1 : = 1.0019248802017
tduepunti0 : = -1.4757247059861E+16
v=v_elettrone : = 11812370.33147
x0= : -1.1468690264199E-12
y0= : -1.5960936773293E-12
*****
i=41902
k(41902)=0.99943670377795
kQ(41902)=0.99887372485853
r1= : 1.9677685158073E-12
rpunto1: = 10061026.404996
rduepunti0 : = -4.6123494298047E+25
fil : = 494.17851307023
fipunto1 : = 3.1316851301305E+18
fi_gradi : = 28314.343124975
t1 : = 1.081035896397E-14
tpunto1 : = 1.0019231525037
tduepunti0 : = -1.4731559124778E+16
v=v_elettrone : = 11805812.289842
x0= : -1.1469702419151E-12
y0= : -1.5974753142423E-12
*****
i=41903
k(41903)=0.99943730892313
kQ(41903)=0.99887493446751
r1= : 1.9689484598377E-12
rpunto1: = 10055622.229383
rduepunti0 : = -4.6079773395889E+25
fil : = 494.17888035017
fipunto1 : = 3.1279293904237E+18
fi_gradi : = 28314.364168565
t1 : = 1.0810359081474E-14
tpunto1 : = 1.0019214278103
tduepunti0 : = -1.470593933608E+16
v=v_elettrone : = 11799262.017703
x0= : -1.147070932821E-12
y0= : -1.598856218326E-12
*****
i=41904
k(41904)=0.99943791317018
kQ(41904)=0.99887614228197
r1= : 1.9701277700734E-12
rpunto1: = 10050223.171776
rduepunti0 : = -4.6036133710193E+25
fil : = 494.17924718965
fipunto1 : = 3.1241824166233E+18
fi_gradi : = 28314.385186919
t1 : = 1.0810359198978E-14
tpunto1 : = 1.0019197061137
tduepunti0 : = -1.4680387448321E+16
v=v_elettrone : = 11792719.497823
x0= : -1.1471711000353E-12
y0= : -1.600236390269E-12

```

```
*****
i=41905
k(41905)=0.99943851652108
kQ(41905)=0.99887734830585
r1= : 1.9713064471147E-12
rpunto1 : = 10044829.222672
rduepunti0 : = -4.5992575037409E+25
fil : = 494.17961358968
fipunto1 : = 3.1204441798012E+18
fi_gradi : = 28314.406180094
t1 : = 1.0810359316482E-14
tpunto1 : = 1.0019179874058
tduepunti0 : = -1.4654903217167E+16
v=v_elettrone : = 11786184.71388
x0= : -1.1472707444532E-12
y0= : -1.6016158307585E-12
*****
i=41906
k(41906)=0.9994391189778
kQ(41906)=0.99887855254312
r1= : 1.9724844915606E-12
rpunto1 : = 10039440.372596
rduepunti0 : = -4.5949097174599E+25
fil : = 494.17997955129
fipunto1 : = 3.1167146511524E+18
fi_gradi : = 28314.42714815
t1 : = 1.0810359433986E-14
tpunto1 : = 1.0019162716787
tduepunti0 : = -1.4629486399389E+16
v=v_elettrone : = 11779657.647492
x0= : -1.1473698669674E-12
y0= : -1.6029945404807E-12
*****
i=41907
k(41907)=0.99943972054233
kQ(41907)=0.99887975499773
r1= : 1.9736619040093E-12
rpunto1 : = 10034056.612093
rduepunti0 : = -4.5905699919427E+25
fil : = 494.18034507552
fipunto1 : = 3.112993801995E+18
fi_gradi : = 28314.448091146
t1 : = 1.0810359551489E-14
tpunto1 : = 1.0019145589246
tduepunti0 : = -1.4604136752856E+16
v=v_elettrone : = 11773138.282196
x0= : -1.1474684684687E-12
y0= : -1.6043725201204E-12
*****
i=41908
k(41908)=0.99944032121663
kQ(41908)=0.9988809556736
r1= : 1.9748386850576E-12
rpunto1 : = 10028677.931733
rduepunti0 : = -4.5862383070164E+25
fil : = 494.18071016336
fipunto1 : = 3.1092816037688E+18
fi_gradi : = 28314.469009138
t1 : = 1.0810359668992E-14
tpunto1 : = 1.0019128491357
tduepunti0 : = -1.4578854036531E+16
v=v_elettrone : = 11766626.60097
x0= : -1.1475665498451E-12
y0= : -1.605749770361E-12
```

```
*****
i=41909
k(41909)=0.99944092100267
kQ(41909)=0.99888215457466
r1= : 1.9760148353013E-12
rpunto1: = 10023304.322111
rduepunti0 : = -4.5819146425682E+25
fil : = 494.18107481584
fipunto1 : = 3.1055780280351E+18
fi_gradi : = 28314.489902187
t1 : = 1.0810359786495E-14
tpunto1 : = 1.001911142304
tduepunti0 : = -1.4553638010463E+16
v=v_elettrone : = 11760122.586208
x0= : -1.1476641119824E-12
y0= : -1.6071262918849E-12
*****
i=41910
k(41910)=0.9994415199024
kQ(41910)=0.99888335170483
r1= : 1.9771903553351E-12
rpunto1: = 10017935.773843
rduepunti0 : = -4.5775989785454E+25
fil : = 494.18143903398
fipunto1 : = 3.1018830464761E+18
fi_gradi : = 28314.510770349
t1 : = 1.0810359903998E-14
tpunto1 : = 1.0019094384219
tduepunti0 : = -1.4528488435783E+16
v=v_elettrone : = 11753626.220736
x0= : -1.1477611557642E-12
y0= : -1.6085020853731E-12
*****
i=41911
k(41911)=0.99944211791779
kQ(41911)=0.99888454706799
r1= : 1.9783652457525E-12
rpunto1: = 10012572.27757
rduepunti0 : = -4.5732912949552E+25
fil : = 494.18180281877
fipunto1 : = 3.098196630894E+18
fi_gradi : = 28314.531613682
t1 : = 1.0810360021501E-14
tpunto1 : = 1.0019077374815
tduepunti0 : = -1.4503405074698E+16
v=v_elettrone : = 11747137.488817
x0= : -1.1478576820717E-12
y0= : -1.6098771515053E-12
*****
i=41912
k(41912)=0.99944271505077
kQ(41912)=0.99888574066805
r1= : 1.9795395071461E-12
rpunto1: = 10007213.823956
rduepunti0 : = -4.5689915718643E+25
fil : = 494.18216617122
fipunto1 : = 3.0945187532107E+18
fi_gradi : = 28314.552432244
t1 : = 1.0810360139003E-14
tpunto1 : = 1.0019060394751
tduepunti0 : = -1.4478387690484E+16
v=v_elettrone : = 11740656.37213
x0= : -1.1479536917838E-12
y0= : -1.6112514909601E-12
```

```
*****
i=41913
k(41913)=0.99944331130328
kQ(41913)=0.99888693250887
r1= : 1.9807131401073E-12
rpunto1 : = 10001860.403689
rduepunti0 : = -4.564699789399E+25
fil : = 494.18252909234
fipunto1 : = 3.0908493854667E+18
fi_gradi : = 28314.573226092
t1 : = 1.0810360256505E-14
tpunto1 : = 1.001904344395
tduepunti0 : = -1.4453436047479E+16
v=v_elettrone : = 11734182.854797
x0= : -1.1480491857772E-12
y0= : -1.6126251044147E-12
*****
i=41914
k(41914)=0.99944390667727
kQ(41914)=0.99888812259432
r1= : 1.9818861452263E-12
rpunto1 : = 9996512.007478
rduepunti0 : = -4.5604159277451E+25
fil : = 494.18289158311
fipunto1 : = 3.0871884998211E+18
fi_gradi : = 28314.593995284
t1 : = 1.0810360374007E-14
tpunto1 : = 1.0019026522335
tduepunti0 : = -1.4428549911083E+16
v=v_elettrone : = 11727716.919363
x0= : -1.1481441649261E-12
y0= : -1.6139979925452E-12
*****
i=41915
k(41915)=0.99944450117465
kQ(41915)=0.99888931092825
r1= : 1.9830585230924E-12
rpunto1 : = 9991168.6260582
rduepunti0 : = -4.5561399671473E+25
fil : = 494.18325364455
fipunto1 : = 3.0835360685506E+18
fi_gradi : = 28314.614739876
t1 : = 1.0810360491509E-14
tpunto1 : = 1.001900962983
tduepunti0 : = -1.4403729047745E+16
v=v_elettrone : = 11721258.549806
x0= : -1.1482386301025E-12
y0= : -1.6153701560262E-12
*****
i=41916
k(41916)=0.99944509479736
kQ(41916)=0.99889049751451
r1= : 1.9842302742937E-12
rpunto1 : = 9985830.2501859
rduepunti0 : = -4.5518718879092E+25
fil : = 494.18361527763
fipunto1 : = 3.0798920640489E+18
fi_gradi : = 28314.635459925
t1 : = 1.0810360609011E-14
tpunto1 : = 1.0018992766358
tduepunti0 : = -1.4378973224961E+16
v=v_elettrone : = 11714807.728543
x0= : -1.1483325821762E-12
y0= : -1.6167415955315E-12
```

```
*****
i=41917
k(41917)=0.99944568754732
kQ(41917)=0.99889168235693
r1= : 1.9854013994173E-12
rpunto1: = 9980496.8706411
rduepunti0 : = -4.5476116703934E+25
fil : = 494.18397648334
fipunto1 : = 3.0762564588263E+18
fi_gradi : = 28314.656155488
t1 : = 1.0810360726512E-14
tpunto1 : = 1.0018975931844
tduepunti0 : = -1.4354282211269E+16
v=v_elettrone : = 11708364.439909
x0= : -1.1484260220149E-12
y0= : -1.6181123117333E-12
*****
i=41918
k(41918)=0.99944627942643
kQ(41918)=0.99889286545933
r1= : 1.9865718990491E-12
rpunto1: = 9975168.4782265
rduepunti0 : = -4.5433592950209E+25
fil : = 494.18433726268
fipunto1 : = 3.0726292255087E+18
fi_gradi : = 28314.676826621
t1 : = 1.0810360844014E-14
tpunto1 : = 1.001895912621
tduepunti0 : = -1.4329655776243E+16
v=v_elettrone : = 11701928.666174
x0= : -1.1485189504835E-12
y0= : -1.6194823053027E-12
*****
i=41919
k(41919)=0.9994468704366
kQ(41919)=0.99889404682551
r1= : 1.987741773774E-12
rpunto1: = 9969845.0637679
rduepunti0 : = -4.5391147422713E+25
fil : = 494.18469761662
fipunto1 : = 3.0690103368376E+18
fi_gradi : = 28314.697473381
t1 : = 1.0810360961515E-14
tpunto1 : = 1.0018942349384
tduepunti0 : = -1.4305093690485E+16
v=v_elettrone : = 11695500.392059
x0= : -1.1486113684453E-12
y0= : -1.6208515769094E-12
*****
i=41920
k(41920)=0.99944746057974
kQ(41920)=0.99889522645929
r1= : 1.9889110241758E-12
rpunto1: = 9964526.6181139
rduepunti0 : = -4.5348779926821E+25
fil : = 494.18505754615
fipunto1 : = 3.065399765669E+18
fi_gradi : = 28314.718095824
t1 : = 1.0810361079015E-14
tpunto1 : = 1.0018925601287
tduepunti0 : = -1.4280595725623E+16
v=v_elettrone : = 11689079.600192
x0= : -1.1487032767609E-12
y0= : -1.6222201272222E-12
```



```
*****
i=41921
k(41921)=0.99944804985774
kQ(41921)=0.99889640436444
r1= : 1.9900796508372E-12
rpunto1:= 9959213.1321358
rduepunti0 : = -4.5306490268491E+25
fil : = 494.18541705222
fipunto1 : = 3.0617974849731E+18
fi_gradi : = 28314.738694005
t1 : = 1.0810361196516E-14
tpunto1 : = 1.0018908881847
tduepunti0 : = -1.4256161654302E+16
v=v_elettrone : = 11682666.274651
x0= : -1.1487946762888E-12
y0= : -1.6235879569085E-12
*****
i=41922
k(41922)=0.99944863827249
kQ(41922)=0.99889758054474
r1= : 1.99124765434E-12
rpunto1:= 9953904.5967275
rduepunti0 : = -4.5264278254259E+25
fil : = 494.18577613583
fipunto1 : = 3.0582034678335E+18
fi_gradi : = 28314.75926798
t1 : = 1.0810361314017E-14
tpunto1 : = 1.0018892190989
tduepunti0 : = -1.4231791250183E+16
v=v_elettrone : = 11676260.398445
x0= : -1.1488855678854E-12
y0= : -1.6249550666345E-12
*****
i=41923
k(41923)=0.99944922582588
kQ(41923)=0.99889875500395
r1= : 1.9924150352646E-12
rpunto1:= 9948601.0028058
rduepunti0 : = -4.5222143691237E+25
fil : = 494.18613479794
fipunto1 : = 3.0546176874468E+18
fi_gradi : = 28314.779817805
t1 : = 1.0810361431517E-14
tpunto1 : = 1.0018875528637
tduepunti0 : = -1.4207484287933E+16
v=v_elettrone : = 11669861.956015
x0= : -1.1489759524047E-12
y0= : -1.626321457065E-12
*****
i=41924
k(41924)=0.99944981251979
kQ(41924)=0.99889992774584
r1= : 1.9935817941907E-12
rpunto1:= 9943302.3413097
rduepunti0 : = -4.5180086387114E+25
fil : = 494.18649303951
fipunto1 : = 3.0510401171218E+18
fi_gradi : = 28314.800343535
t1 : = 1.0810361549017E-14
tpunto1 : = 1.0018858894717
tduepunti0 : = -1.4183240543221E+16
v=v_elettrone : = 11663470.930734
x0= : -1.1490658306986E-12
y0= : -1.6276871288639E-12
```

```
*****
i=41925
k(41925)=0.99945039835609
kQ(41925)=0.99890109877414
r1= : 1.9947479316967E-12
rpunto1: = 9938008.6032009
rduepunti0 : = -4.513810615015E+25
fil : = 494.18685086151
fipunto1 : = 3.0474707302792E+18
fi_gradi : = 28314.820845226
t1 : = 1.0810361666517E-14
tpunto1 : = 1.0018842289157
tduepunti0 : = -1.4159059792715E+16
v=v_elettrone : = 11657087.306424
x0= : -1.1491552036168E-12
y0= : -1.6290520826938E-12
*****
i=41926
k(41926)=0.99945098333665
kQ(41926)=0.99890226809259
r1= : 1.99591344836E-12
rpunto1: = 9932719.7794636
rduepunti0 : = -4.5096202789177E+25
fil : = 494.18720826489
fipunto1 : = 3.043909500451E+18
fi_gradi : = 28314.841322931
t1 : = 1.0810361784016E-14
tpunto1 : = 1.0018825711882
tduepunti0 : = -1.4134941814074E+16
v=v_elettrone : = 11650711.066818
x0= : -1.1492440720067E-12
y0= : -1.630416319216E-12
*****
i=41927
k(41927)=0.99945156746333
kQ(41927)=0.9989034357049
r1= : 1.997078344757E-12
rpunto1: = 9927435.8611041
rduepunti0 : = -4.5054376113599E+25
fil : = 494.18756525062
fipunto1 : = 3.0403564012796E+18
fi_gradi : = 28314.861776707
t1 : = 1.0810361901516E-14
tpunto1 : = 1.0018809162819
tduepunti0 : = -1.4110886385943E+16
v=v_elettrone : = 11644342.195606
x0= : -1.1493324367135E-12
y0= : -1.6317798390906E-12
*****
i=41928
k(41928)=0.99945215073799
kQ(41928)=0.9989046016148
r1= : 1.9982426214629E-12
rpunto1: = 9922156.8391512
rduepunti0 : = -4.5012625933383E+25
fil : = 494.18792181965
fipunto1 : = 3.0368114065176E+18
fi_gradi : = 28314.882206607
t1 : = 1.0810362019015E-14
tpunto1 : = 1.0018792641894
tduepunti0 : = -1.4086893287949E+16
v=v_elettrone : = 11637980.676908
x0= : -1.1494202985806E-12
y0= : -1.6331426429765E-12
```

```
*****
i=41929
k(41929)=0.99945273316249
kQ(41929)=0.99890576582598
r1= : 1.999406279052E-12
rpunto1: = 9916882.7046558
rduepunti0 : = -4.4970952059067E+25
fil : = 494.18827797292
fipunto1 : = 3.0332744900271E+18
fi_gradi : = 28314.902612686
t1 : = 1.0810362136514E-14
tpunto1 : = 1.0018776149036
tduepunti0 : = -1.4062962300696E+16
v=v_elettrone : = 11631626.494778
x0= : -1.1495076584487E-12
y0= : -1.6345047315314E-12
*****
i=41930
k(41930)=0.99945331473868
kQ(41930)=0.99890692834213
r1= : 2.0005693180975E-12
rpunto1: = 9911613.4486911
rduepunti0 : = -4.4929354301751E+25
fil : = 494.18863371139
fipunto1 : = 3.0297456257791E+18
fi_gradi : = 28314.922994999
t1 : = 1.0810362254013E-14
tpunto1 : = 1.0018759684171
tduepunti0 : = -1.4039093205756E+16
v=v_elettrone : = 11625279.633715
x0= : -1.1495945171567E-12
y0= : -1.635866105412E-12
*****
i=41931
k(41931)=0.99945389546838
kQ(41931)=0.99890808916693
r1= : 2.0017317391716E-12
rpunto1: = 9906349.0623522
rduepunti0 : = -4.4887832473097E+25
fil : = 494.188989036
fipunto1 : = 3.026224787853E+18
fi_gradi : = 28314.9433536
t1 : = 1.0810362371512E-14
tpunto1 : = 1.0018743247227
tduepunti0 : = -1.401528578567E+16
v=v_elettrone : = 11618940.076639
x0= : -1.1496808755412E-12
y0= : -1.6372267652736E-12
*****
i=41932
k(41932)=0.99945447535345
kQ(41932)=0.99890924830404
r1= : 2.0028935428453E-12
rpunto1: = 9901089.5367562
rduepunti0 : = -4.484638638533E+25
fil : = 494.18934394769
fipunto1 : = 3.0227119504361E+18
fi_gradi : = 28314.963688542
t1 : = 1.081036248901E-14
tpunto1 : = 1.0018726838132
tduepunti0 : = -1.3991539823937E+16
v=v_elettrone : = 11612607.808932
x0= : -1.1497667344366E-12
y0= : -1.6385867117702E-12
```

```
*****
i=41933
k(41933)=0.99945505439571
kQ(41933)=0.99891040575713
r1= : 2.0040547296888E-12
rpunto1: = 9895834.8630425
rduepunti0 : = -4.4805015851232E+25
fil : = 494.1896984474
fipunto1 : = 3.0192070878228E+18
fi_gradi : = 28314.983999879
t1 : = 1.0810362606509E-14
tpunto1 : = 1.0018710456814
tduepunti0 : = -1.3967855105013E+16
v=v_elettrone : = 11606282.813376
x0= : -1.1498520946753E-12
y0= : -1.6399459455551E-12
*****
i=41934
k(41934)=0.99945563259699
kQ(41934)=0.99891156152985
r1= : 2.0052153002709E-12
rpunto1: = 9890585.032372
rduepunti0 : = -4.4763720684143E+25
fil : = 494.19005253606
fipunto1 : = 3.0157101744145E+18
fi_gradi : = 28315.004287665
t1 : = 1.0810362724007E-14
tpunto1 : = 1.0018694103202
tduepunti0 : = -1.3944231414304E+16
v=v_elettrone : = 11599965.075746
x0= : -1.1499369570875E-12
y0= : -1.6413044672797E-12
*****
i=41935
k(41935)=0.99945620995911
kQ(41935)=0.99891271562583
r1= : 2.0063752551598E-12
rpunto1: = 9885340.0359276
rduepunti0 : = -4.4722500697958E+25
fil : = 494.19040621461
fipunto1 : = 3.0122211847187E+18
fi_gradi : = 28315.024551953
t1 : = 1.0810362841505E-14
tpunto1 : = 1.0018677777223
tduepunti0 : = -1.3920668538162E+16
v=v_elettrone : = 11593654.5792
x0= : -1.1500213225012E-12
y0= : -1.6426622775949E-12
*****
i=41936
k(41936)=0.99945678648388
kQ(41936)=0.99891386804869
r1= : 2.0075345949224E-12
rpunto1: = 9880099.864914
rduepunti0 : = -4.4681355707128E+25
fil : = 494.19075948397
fipunto1 : = 3.0087400933485E+18
fi_gradi : = 28315.044792796
t1 : = 1.0810362959003E-14
tpunto1 : = 1.0018661478808
tduepunti0 : = -1.3897166263877E+16
v=v_elettrone : = 11587351.308378
x0= : -1.1501051917424E-12
y0= : -1.64401937715E-12
```

```
*****
i=41937
k(41937)=0.99945736217312
kQ(41937)=0.99891501880206
r1= : 2.0086933201245E-12
rpunto1: = 9874864.5105575
rduepunti0 : = -4.4640285526654E+25
fil : = 494.19111234508
fipunto1 : = 3.0052668750222E+18
fi_gradi : = 28315.065010249
t1 : = 1.08103630765E-14
tpunto1 : = 1.0018645207886
tduepunti0 : = -1.3873724379678E+16
v=v_elettrone : = 11581055.247833
x0= : -1.1501885656351E-12
y0= : -1.6453757665933E-12
*****
i=41938
k(41938)=0.99945793702863
kQ(41938)=0.99891616788953
r1= : 2.0098514313311E-12
rpunto1: = 9869633.964106
rduepunti0 : = -4.4599289972087E+25
fil : = 494.19146479885
fipunto1 : = 3.0018015045627E+18
fi_gradi : = 28315.085204362
t1 : = 1.0810363193997E-14
tpunto1 : = 1.0018628964385
tduepunti0 : = -1.3850342674722E+16
v=v_elettrone : = 11574766.382074
x0= : -1.1502714450008E-12
y0= : -1.6467314465718E-12
*****
i=41939
k(41939)=0.99945851105222
kQ(41939)=0.99891731531471
r1= : 2.0110089291061E-12
rpunto1: = 9864408.2168292
rduepunti0 : = -4.4558368859527E+25
fil : = 494.19181684621
fipunto1 : = 2.998343956897E+18
fi_gradi : = 28315.10537519
t1 : = 1.0810363311495E-14
tpunto1 : = 1.0018612748235
tduepunti0 : = -1.3827020939091E+16
v=v_elettrone : = 11568484.695037
x0= : -1.1503538306593E-12
y0= : -1.6480864177316E-12
*****
i=41940
k(41940)=0.99945908424567
kQ(41940)=0.99891846108118
r1= : 2.0121658140123E-12
rpunto1: = 9859187.260018
rduepunti0 : = -4.4517522005623E+25
fil : = 494.19216848807
fipunto1 : = 2.9948942070555E+18
fi_gradi : = 28315.125522785
t1 : = 1.0810363428992E-14
tpunto1 : = 1.0018596559367
tduepunti0 : = -1.380375896379E+16
v=v_elettrone : = 11562210.171606
x0= : -1.150435723428E-12
y0= : -1.6494406807173E-12
```

```
*****
i=41941
k(41941)=0.99945965661077
kQ(41941)=0.99891960519252
r1= : 2.0133220866114E-12
rpunto1: = 9853971.0849849
rduepunti0 : = -4.4476749227566E+25
fil : = 494.19251972535
fipunto1 : = 2.9914522301718E+18
fi_gradi : = 28315.145647198
t1 : = 1.0810363546488E-14
tpunto1 : = 1.0018580397711
tduepunti0 : = -1.3780556540738E+16
v=v_elettrone : = 11555942.796615
x0= : -1.1505171241226E-12
y0= : -1.6507942361725E-12
*****
i=41942
k(41942)=0.99946022814931
kQ(41942)=0.99892074765228
r1= : 2.0144777474644E-12
rpunto1: = 9848759.6830639
rduepunti0 : = -4.4436050343092E+25
fil : = 494.19287055896
fipunto1 : = 2.9880180014819E+18
fi_gradi : = 28315.165748483
t1 : = 1.0810363663985E-14
tpunto1 : = 1.0018564263196
tduepunti0 : = -1.3757413462765E+16
v=v_elettrone : = 11549682.553807
x0= : -1.1505980335563E-12
y0= : -1.6521470847397E-12
*****
i=41943
k(41943)=0.99946079886308
kQ(41943)=0.99892188846402
r1= : 2.015632797131E-12
rpunto1: = 9843553.04561
rduepunti0 : = -4.4395425170479E+25
fil : = 494.1932209898
fipunto1 : = 2.9845914963237E+18
fi_gradi : = 28315.185826692
t1 : = 1.0810363781481E-14
tpunto1 : = 1.0018548155754
tduepunti0 : = -1.3734329523609E+16
v=v_elettrone : = 11543429.428919
x0= : -1.1506784525406E-12
y0= : -1.65349922706E-12
*****
i=41944
k(41944)=0.99946136875384
kQ(41944)=0.99892302763129
r1= : 2.0167872361699E-12
rpunto1: = 9838351.1639997
rduepunti0 : = -4.4354873528544E+25
fil : = 494.1935710188
fipunto1 : = 2.9811726901369E+18
fi_gradi : = 28315.205881876
t1 : = 1.0810363898978E-14
tpunto1 : = 1.0018532075315
tduepunti0 : = -1.3711304517907E+16
v=v_elettrone : = 11537183.405571
x0= : -1.1507583818846E-12
y0= : -1.6548506637737E-12
```

```
*****
i=41945
k(41945)=0.99946193782336
kQ(41945)=0.99892416515762
r1= : 2.017941065139E-12
rpunto1: = 9833154.0296305
rduepunti0 : = -4.4314395236643E+25
fil : = 494.19392064683
fipunto1 : = 2.9777615584618E+18
fi_gradi : = 28315.225914087
t1 : = 1.0810364016474E-14
tpunto1 : = 1.0018516021811
tduepunti0 : = -1.3688338241194E+16
v=v_elettrone : = 11530944.469374
x0= : -1.1508378223957E-12
y0= : -1.6562013955197E-12
*****
i=41946
k(41946)=0.99946250607341
kQ(41946)=0.99892530104654
r1= : 2.0190942845949E-12
rpunto1: = 9827961.6339213
rduepunti0 : = -4.4273990114668E+25
fil : = 494.19426987482
fipunto1 : = 2.9743580769393E+18
fi_gradi : = 28315.245923376
t1 : = 1.0810364133969E-14
tpunto1 : = 1.0018499995172
tduepunti0 : = -1.3665430489898E+16
v=v_elettrone : = 11524712.605372
x0= : -1.150916774879E-12
y0= : -1.6575514229357E-12
*****
i=41947
k(41947)=0.99946307350575
kQ(41947)=0.99892643530155
r1= : 2.0202468950934E-12
rpunto1: = 9822773.9683118
rduepunti0 : = -4.4233657983046E+25
fil : = 494.19461870365
fipunto1 : = 2.9709622213103E+18
fi_gradi : = 28315.265909796
t1 : = 1.0810364251465E-14
tpunto1 : = 1.0018483995331
tduepunti0 : = -1.3642581061331E+16
v=v_elettrone : = 11518487.797005
x0= : -1.1509952401375E-12
y0= : -1.6589007466586E-12
*****
i=41948
k(41948)=0.99946364012213
kQ(41948)=0.99892756792617
r1= : 2.0213988971893E-12
rpunto1: = 9817591.0242627
rduepunti0 : = -4.4193398662739E+25
fil : = 494.19496713421
fipunto1 : = 2.9675739674151E+18
fi_gradi : = 28315.285873397
t1 : = 1.0810364368961E-14
tpunto1 : = 1.001846802222
tduepunti0 : = -1.3619789753691E+16
v=v_elettrone : = 11512270.030732
x0= : -1.1510732189726E-12
y0= : -1.6602493673237E-12
```

```
*****
i=41949
k(41949)=0.99946420592429
kQ(41949)=0.99892869892388
r1= : 2.0225502914363E-12
rpunto1: = 9812412.7932559
rduepunti0 : = -4.4153211975237E+25
fil : = 494.19531516741
fipunto1 : = 2.964193291193E+18
fi_gradi : = 28315.30581423
t1 : = 1.0810364486456E-14
tpunto1 : = 1.001845207577
tduepunti0 : = -1.3597056366052E+16
v=v_elettrone : = 11506059.290394
x0= : -1.1511507121831E-12
y0= : -1.6615972855655E-12
*****
i=41950
k(41950)=0.999464770914
kQ(41950)=0.99892982829817
r1= : 2.0237010783871E-12
rpunto1: = 9807239.2667938
rduepunti0 : = -4.4113097742563E+25
fil : = 494.19566280413
fipunto1 : = 2.9608201686816E+18
fi_gradi : = 28315.325732347
t1 : = 1.0810364603951E-14
tpunto1 : = 1.0018436155914
tduepunti0 : = -1.3574380698363E+16
v=v_elettrone : = 11499855.561306
x0= : -1.1512277205661E-12
y0= : -1.6629445020172E-12
*****
i=41951
k(41951)=0.99946533509298
kQ(41951)=0.99893095605251
r1= : 2.0248512585935E-12
rpunto1: = 9802070.4363999
rduepunti0 : = -4.4073055787266E+25
fil : = 494.19601004525
fipunto1 : = 2.9574545760167E+18
fi_gradi : = 28315.345627798
t1 : = 1.0810364721446E-14
tpunto1 : = 1.0018420262584
tduepunti0 : = -1.3551762551441E+16
v=v_elettrone : = 11493658.828724
x0= : -1.1513042449169E-12
y0= : -1.6642910173109E-12
*****
i=41952
k(41952)=0.99946589846296
kQ(41952)=0.99893208219038
r1= : 2.0260008326063E-12
rpunto1: = 9796906.2936184
rduepunti0 : = -4.4033085932423E+25
fil : = 494.19635689166
fipunto1 : = 2.9540964894313E+18
fi_gradi : = 28315.365500633
t1 : = 1.0810364838941E-14
tpunto1 : = 1.0018404395713
tduepunti0 : = -1.3529201726966E+16
v=v_elettrone : = 11487469.077854
x0= : -1.1513802860283E-12
y0= : -1.6656368320775E-12
```



```
*****
i=41953
k(41953)=0.99946646102569
kQ(41953)=0.99893320671521
r1= : 2.0271498009751E-12
rpunto1: = 9791746.8300141
rduepunti0 : = -4.3993188001635E+25
fil : = 494.19670334423
fipunto1 : = 2.9507458852557E+18
fi_gradi : = 28315.385350903
t1 : = 1.0810364956435E-14
tpunto1 : = 1.0018388555234
tduepunti0 : = -1.3506698027481E+16
v=v_elettrone : = 11481286.293321
x0= : -1.1514558446915E-12
y0= : -1.666981946947E-12
*****
i=41954
k(41954)=0.99946702278287
kQ(41954)=0.99893432963046
r1= : 2.0282981642487E-12
rpunto1: = 9786592.0371724
rduepunti0 : = -4.3953361819025E+25
fil : = 494.19704940385
fipunto1 : = 2.9474027399165E+18
fi_gradi : = 28315.405178659
t1 : = 1.081036507393E-14
tpunto1 : = 1.001837274108
tduepunti0 : = -1.3484251256381E+16
v=v_elettrone : = 11475110.460723
x0= : -1.1515309216954E-12
y0= : -1.668326362548E-12
*****
i=41955
k(41955)=0.99946758373624
kQ(41955)=0.99893545093955
r1= : 2.029445922975E-12
rpunto1: = 9781441.9066994
rduepunti0 : = -4.3913607209241E+25
fil : = 494.1973950714
fipunto1 : = 2.9440670299363E+18
fi_gradi : = 28315.42498395
t1 : = 1.0810365191424E-14
tpunto1 : = 1.0018356953185
tduepunti0 : = -1.3461861217915E+16
v=v_elettrone : = 11468941.564586
x0= : -1.1516055178271E-12
y0= : -1.6696700795082E-12
*****
i=41956
k(41956)=0.9994681438875
kQ(41956)=0.99893657064593
r1= : 2.0305930777007E-12
rpunto1: = 9776296.4302217
rduepunti0 : = -4.3873923997446E+25
fil : = 494.19774034773
fipunto1 : = 2.9407387319334E+18
fi_gradi : = 28315.444766827
t1 : = 1.0810365308918E-14
tpunto1 : = 1.0018341191483
tduepunti0 : = -1.3439527717175E+16
v=v_elettrone : = 11462779.591412
x0= : -1.1516796338719E-12
y0= : -1.6710130984539E-12
```

```
*****
i=41957
k(41957)=0.99946870323837
kQ(41957)=0.99893768875299
r1= : 2.0317396289717E-12
rpunto1: = 9771155.5993861
rduepunti0 : = -4.3834312009325E+25
fil : = 494.19808523373
fipunto1 : = 2.937417822621E+18
fi_gradi : = 28315.464527339
t1 : = 1.0810365426411E-14
tpunto1 : = 1.0018325455906
tduepunti0 : = -1.3417250560099E+16
v=v_elettrone : = 11456624.525094
x0= : -1.1517532706127E-12
y0= : -1.6723554200107E-12
*****
i=41958
k(41958)=0.99946926179055
kQ(41958)=0.99893880526414
r1= : 2.0328855773327E-12
rpunto1: = 9766019.4058602
rduepunti0 : = -4.3794771071078E+25
fil : = 494.19842973025
fipunto1 : = 2.9341042788071E+18
fi_gradi : = 28315.484265536
t1 : = 1.0810365543905E-14
tpunto1 : = 1.0018309746391
tduepunti0 : = -1.3395029553459E+16
v=v_elettrone : = 11450476.35203
x0= : -1.1518264288309E-12
y0= : -1.6736970448025E-12
*****
i=41959
k(41959)=0.99946981954574
kQ(41959)=0.99893992018279
r1= : 2.0340309233277E-12
rpunto1: = 9760887.8413314
rduepunti0 : = -4.375530100942E+25
fil : = 494.19877383817
fipunto1 : = 2.9307980773937E+18
fi_gradi : = 28315.503981467
t1 : = 1.0810365661399E-14
tpunto1 : = 1.001829406287
tduepunti0 : = -1.3372864504862E+16
v=v_elettrone : = 11444335.057025
x0= : -1.1518991093055E-12
y0= : -1.6750379734528E-12
*****
i=41960
k(41960)=0.99947037650563
kQ(41960)=0.99894103351231
r1= : 2.0351756674995E-12
rpunto1: = 9755760.8975079
rduepunti0 : = -4.3715901651579E+25
fil : = 494.19911755834
fipunto1 : = 2.9274991953764E+18
fi_gradi : = 28315.523675182
t1 : = 1.0810365778892E-14
tpunto1 : = 1.0018278405279
tduepunti0 : = -1.3350755222745E+16
v=v_elettrone : = 11438200.625861
x0= : -1.1519713128138E-12
y0= : -1.6763782065833E-12
```

```
*****
i=41961
k(41961)=0.99947093267193
kQ(41961)=0.99894214525609
r1= : 2.03631981039E-12
rpunto1: = 9750638.5661178
rduepunti0 : = -4.3676572825294E+25
fil : = 494.19946089162
fipunto1 : = 2.9242076098441E+18
fi_gradi : = 28315.54334673
t1 : = 1.0810365896385E-14
tpunto1 : = 1.0018262773552
tduepunti0 : = -1.3328701516368E+16
v=v_elettrone : = 11432073.043735
x0= : -1.1520430401312E-12
y0= : -1.677717744815E-12
*****
i=41962
k(41962)=0.9994714880463
kQ(41962)=0.99894325541748
r1= : 2.0374633525402E-12
rpunto1: = 9745520.8389093
rduepunti0 : = -4.3637314358815E+25
fil : = 494.19980383886
fipunto1 : = 2.9209232979785E+18
fi_gradi : = 28315.56299616
t1 : = 1.0810366013878E-14
tpunto1 : = 1.0018247167624
tduepunti0 : = -1.3306703195813E+16
v=v_elettrone : = 11425952.296834
x0= : -1.1521142920311E-12
y0= : -1.6790565887678E-12
*****
i=41963
k(41963)=0.99947204263044
kQ(41963)=0.99894436399986
r1= : 2.03860629449E-12
rpunto1: = 9740407.7076508
rduepunti0 : = -4.35981260809E+25
fil : = 494.20014640093
fipunto1 : = 2.9176462370534E+18
fi_gradi : = 28315.582623521
t1 : = 1.081036613137E-14
tpunto1 : = 1.0018231587431
tduepunti0 : = -1.3284760071976E+16
v=v_elettrone : = 11419838.369735
x0= : -1.1521850692847E-12
y0= : -1.6803947390603E-12
*****
i=41964
k(41964)=0.99947259642601
kQ(41964)=0.99894547100655
r1= : 2.0397486367785E-12
rpunto1: = 9735299.1641307
rduepunti0 : = -4.3559007820814E+25
fil : = 494.20048857867
fipunto1 : = 2.9143764044345E+18
fi_gradi : = 28315.602228861
t1 : = 1.0810366248863E-14
tpunto1 : = 1.0018216032908
tduepunti0 : = -1.3262871956567E+16
v=v_elettrone : = 11413731.248519
x0= : -1.1522553726619E-12
y0= : -1.6817321963101E-12
```

```
*****
i=41965
k(41965)=0.9994731494347
kQ(41965)=0.99894657644091
r1= : 2.0408903799437E-12
rpunto1: = 9730195.2001575
rduepunti0 : = -4.3519959408325E+25
fil : = 494.20083037293
fipunto1 : = 2.911113777579E+18
fi_gradi : = 28315.621812229
t1 : = 1.0810366366355E-14
tpunto1 : = 1.0018200503991
tduepunti0 : = -1.3241038662104E+16
v=v_elettrone : = 11407630.919198
x0= : -1.1523252029301E-12
y0= : -1.6830689611338E-12
*****
i=41966
k(41966)=0.99947370165816
kQ(41966)=0.99894768030626
r1= : 2.0420315245226E-12
rpunto1: = 9725095.8075593
rduepunti0 : = -4.3480980673708E+25
fil : = 494.20117178455
fipunto1 : = 2.9078583340347E+18
fi_gradi : = 28315.641373674
t1 : = 1.0810366483847E-14
tpunto1 : = 1.0018185000616
tduepunti0 : = -1.3219260001906E+16
v=v_elettrone : = 11401537.366707
x0= : -1.152394560855E-12
y0= : -1.6844050341466E-12
*****
i=41967
k(41967)=0.99947425309806
kQ(41967)=0.99894878260592
r1= : 2.0431720710514E-12
rpunto1: = 9720000.9781843
rduepunti0 : = -4.3442071447737E+25
fil : = 494.20151281437
fipunto1 : = 2.9046100514402E+18
fi_gradi : = 28315.660913244
t1 : = 1.0810366601339E-14
tpunto1 : = 1.0018169522718
tduepunti0 : = -1.3197535790095E+16
v=v_elettrone : = 11395450.577474
x0= : -1.1524634472005E-12
y0= : -1.6857404159629E-12
*****
i=41968
k(41968)=0.99947480375606
kQ(41968)=0.99894988334321
r1= : 2.0443120200653E-12
rpunto1: = 9714910.7039003
rduepunti0 : = -4.3403231561687E+25
fil : = 494.20185346324
fipunto1 : = 2.9013689075241E+18
fi_gradi : = 28315.680430987
t1 : = 1.0810366718831E-14
tpunto1 : = 1.0018154070235
tduepunti0 : = -1.3175865841586E+16
v=v_elettrone : = 11389370.537354
x0= : -1.1525318627284E-12
y0= : -1.687075107196E-12
```

```
*****
i=41969
k(41969)=0.9994753536338
kQ(41969)=0.99895098252141
r1= : 2.0454513720985E-12
rpunto1: = 9709824.9765951
rduepunti0 : = -4.3364460847332E+25
fil : = 494.202193732
fipunto1 : = 2.8981348801042E+18
fi_gradi : = 28315.69992695
t1 : = 1.0810366836323E-14
tpunto1 : = 1.0018138643102
tduepunti0 : = -1.3154249972086E+16
v=v_elettrone : = 11383297.231637
x0= : -1.1525998081987E-12
y0= : -1.688409108458E-12
*****
i=41970
k(41970)=0.99947590273294
kQ(41970)=0.99895208014383
r1= : 2.0465901276843E-12
rpunto1: = 9704743.7881759
rduepunti0 : = -4.3325759136943E+25
fil : = 494.20253362147
fipunto1 : = 2.8949079470879E+18
fi_gradi : = 28315.719401182
t1 : = 1.0810366953814E-14
tpunto1 : = 1.0018123241257
tduepunti0 : = -1.3132687998089E+16
v=v_elettrone : = 11377230.646078
x0= : -1.1526672843696E-12
y0= : -1.6897424203599E-12
*****
i=41971
k(41971)=0.99947645105513
kQ(41971)=0.99895317621375
r1= : 2.0477282873548E-12
rpunto1: = 9699667.1305697
rduepunti0 : = -4.3287126263285E+25
fil : = 494.20287313249
fipunto1 : = 2.8916880864711E+18
fi_gradi : = 28315.738853731
t1 : = 1.0810367071305E-14
tpunto1 : = 1.0018107864637
tduepunti0 : = -1.3111179736872E+16
v=v_elettrone : = 11371170.767412
x0= : -1.1527342919973E-12
y0= : -1.6910750435117E-12
*****
i=41972
k(41972)=0.99947699860199
kQ(41972)=0.99895427073443
r1= : 2.0488658516417E-12
rpunto1: = 9694594.9957229
rduepunti0 : = -4.3248562059619E+25
fil : = 494.20321226589
fipunto1 : = 2.8884752763379E+18
fi_gradi : = 28315.758284644
t1 : = 1.0810367188796E-14
tpunto1 : = 1.0018092513179
tduepunti0 : = -1.3089725006493E+16
v=v_elettrone : = 11365117.580763
x0= : -1.1528008318363E-12
y0= : -1.6924069785223E-12
```

```
*****
i=41973
k(41973)=0.99947754537516
kQ(41973)=0.99895536370915
r1= : 2.0500028210752E-12
rpunto1: = 9689527.3756014
rduepunti0 : = -4.3210066359697E+25
fil : = 494.2035510225
fipunto1 : = 2.8852694948604E+18
fi_gradi : = 28315.777693967
t1 : = 1.0810367306287E-14
tpunto1 : = 1.001807718682
tduepunti0 : = -1.3068323625782E+16
v=v_elettrone : = 11359071.072762
x0= : -1.1528669046389E-12
y0= : -1.6937382259994E-12
*****
i=41974
k(41974)=0.99947809137627
kQ(41974)=0.99895645514115
r1= : 2.0511391961848E-12
rpunto1: = 9684464.2621908
rduepunti0 : = -4.3171638997763E+25
fil : = 494.20388940313
fipunto1 : = 2.8820707202979E+18
fi_gradi : = 28315.79708175
t1 : = 1.0810367423778E-14
tpunto1 : = 1.0018061885497
tduepunti0 : = -1.3046975414342E+16
v=v_elettrone : = 11353031.228955
x0= : -1.1529325111559E-12
y0= : -1.6950687865499E-12
*****
i=41975
k(41975)=0.99947863660695
kQ(41975)=0.99895754503369
r1= : 2.0522749774991E-12
rpunto1: = 9679405.6474957
rduepunti0 : = -4.3133279808547E+25
fil : = 494.20422740862
fipunto1 : = 2.878878930997E+18
fi_gradi : = 28315.816448038
t1 : = 1.0810367541269E-14
tpunto1 : = 1.001804660915
tduepunti0 : = -1.3025680192544E+16
v=v_elettrone : = 11346998.035865
x0= : -1.1529976521361E-12
y0= : -1.6963986607794E-12
*****
i=41976
k(41976)=0.99947918106882
kQ(41976)=0.99895863339
r1= : 2.0534101655456E-12
rpunto1: = 9674351.5235404
rduepunti0 : = -4.3094988627269E+25
fil : = 494.20456503978
fipunto1 : = 2.8756941053905E+18
fi_gradi : = 28315.835792878
t1 : = 1.0810367658759E-14
tpunto1 : = 1.0018031357715
tduepunti0 : = -1.300443778152E+16
v=v_elettrone : = 11340971.479454
x0= : -1.1530623283263E-12
y0= : -1.6977278492925E-12
```

```
*****
i=41977
k(41977)=0.99947972476349
kQ(41977)=0.9989597202133
r1= : 2.0545447608511E-12
rpunto1: = 9669301.8823681
rduepunti0 : = -4.3056765289636E+25
fil : = 494.20490229743
fipunto1 : = 2.8725162219975E+18
fi_gradi : = 28315.855116318
t1 : = 1.0810367776249E-14
tpunto1 : = 1.0018016131131
tduepunti0 : = -1.2983248003164E+16
v=v_elettrone : = 11334951.545623
x0= : -1.1531265404718E-12
y0= : -1.6990563526928E-12
*****
i=41978
k(41978)=0.99948026769257
kQ(41978)=0.99896080550682
r1= : 2.0556787639413E-12
rpunto1: = 9664256.7160416
rduepunti0 : = -4.3018609631836E+25
fil : = 494.20523918238
fipunto1 : = 2.8693452594227E+18
fi_gradi : = 28315.874418404
t1 : = 1.0810367893739E-14
tpunto1 : = 1.0018000929337
tduepunti0 : = -1.2962110680124E+16
v=v_elettrone : = 11328938.220754
x0= : -1.1531902893157E-12
y0= : -1.7003841715826E-12
*****
i=41979
k(41979)=0.99948080985768
kQ(41979)=0.99896188927376
r1= : 2.056812175341E-12
rpunto1: = 9659216.0166424
rduepunti0 : = -4.2980521490543E+25
fil : = 494.20557569544
fipunto1 : = 2.8661811963564E+18
fi_gradi : = 28315.893699182
t1 : = 1.0810368011229E-14
tpunto1 : = 1.0017985752272
tduepunti0 : = -1.2941025635801E+16
v=v_elettrone : = 11322931.491159
x0= : -1.1532535755997E-12
y0= : -1.7017113065634E-12
*****
i=41980
k(41980)=0.9994813512604
kQ(41980)=0.99896297151732
r1= : 2.057944995574E-12
rpunto1: = 9654179.7762716
rduepunti0 : = -4.2942500702911E+25
fil : = 494.20591183743
fipunto1 : = 2.8630240115733E+18
fi_gradi : = 28315.912958699
t1 : = 1.0810368128718E-14
tpunto1 : = 1.0017970599873
tduepunti0 : = -1.2919992694341E+16
v=v_elettrone : = 11316931.343127
x0= : -1.1533164000632E-12
y0= : -1.7030377582356E-12
```

```
*****
i=41981
k(41981)=0.99948189190235
kQ(41981)=0.9989640522407
r1= : 2.0590772251634E-12
rpunto1: = 9649147.9870489
rduepunti0 : = -4.2904547106573E+25
fil : = 494.20624760914
fipunto1 : = 2.859873683933E+18
fi_gradi : = 28315.932197001
t1 : = 1.0810368246208E-14
tpunto1 : = 1.0017955472081
tduepunti0 : = -1.2899011680636E+16
v=v_elettrone : = 11310937.763387
x0= : -1.1533787634441E-12
y0= : -1.7043635271984E-12
*****
i=41982
k(41982)=0.99948243178511
kQ(41982)=0.99896513144708
r1= : 2.0602088646311E-12
rpunto1: = 9644120.6411134
rduepunti0 : = -4.2866660539641E+25
fil : = 494.20658301139
fipunto1 : = 2.8567301923788E+18
fi_gradi : = 28315.951414134
t1 : = 1.0810368363697E-14
tpunto1 : = 1.0017940368834
tduepunti0 : = -1.287808242032E+16
v=v_elettrone : = 11304950.7376
x0= : -1.1534406664784E-12
y0= : -1.7056886140502E-12
*****
i=41983
k(41983)=0.99948297091027
kQ(41983)=0.99896620913962
r1= : 2.0613399144982E-12
rpunto1: = 9639097.7306227
rduepunti0 : = -4.2828840840705E+25
fil : = 494.20691804497
fipunto1 : = 2.8535935159379E+18
fi_gradi : = 28315.970610145
t1 : = 1.0810368481186E-14
tpunto1 : = 1.0017925290072
tduepunti0 : = -1.285720473976E+16
v=v_elettrone : = 11298970.252409
x0= : -1.1535021099002E-12
y0= : -1.707013019388E-12
*****
i=41984
k(41984)=0.99948350927942
kQ(41984)=0.99896728532151
r1= : 2.0624703752849E-12
rpunto1: = 9634079.2477535
rduepunti0 : = -4.2791087848827E+25
fil : = 494.20725271069
fipunto1 : = 2.8504636337207E+18
fi_gradi : = 28315.989785078
t1 : = 1.0810368598675E-14
tpunto1 : = 1.0017910235735
tduepunti0 : = -1.2836378466059E+16
v=v_elettrone : = 11292996.294408
x0= : -1.153563094442E-12
y0= : -1.7083367438081E-12
```



```
*****
i=41985
k(41985)=0.99948404689414
kQ(41985)=0.99896835999588
r1= : 2.0636002475106E-12
rpunto1: = 9629065.1847014
rduepunti0 : = -4.2753401403545E+25
fil : = 494.20758700934
fipunto1 : = 2.8473405249202E+18
fi_gradi : = 28316.00893898
t1 : = 1.0810368716164E-14
tpunto1 : = 1.0017895205763
tduepunti0 : = -1.2815603427046E+16
v=v_elettrone : = 11287028.849619
x0= : -1.1536236208344E-12
y0= : -1.7096597879054E-12
*****
i=41986
k(41986)=0.99948458375599
kQ(41986)=0.99896943316589
r1= : 2.0647295316934E-12
rpunto1: = 9624055.5336806
rduepunti0 : = -4.2715781344869E+25
fil : = 494.20792094172
fipunto1 : = 2.844224168812E+18
fi_gradi : = 28316.028071896
t1 : = 1.0810368833653E-14
tpunto1 : = 1.0017880200095
tduepunti0 : = -1.2794879451277E+16
v=v_elettrone : = 11281067.905584
x0= : -1.1536836898063E-12
y0= : -1.7109821522741E-12
*****
i=41987
k(41987)=0.99948511986656
kQ(41987)=0.99897050483468
r1= : 2.065858228351E-12
rpunto1: = 9619050.2869242
rduepunti0 : = -4.2678227513278E+25
fil : = 494.20825450861
fipunto1 : = 2.8411145447539E+18
fi_gradi : = 28316.047183871
t1 : = 1.0810368951141E-14
tpunto1 : = 1.0017865218673
tduepunti0 : = -1.277420636803E+16
v=v_elettrone : = 11275113.44823
x0= : -1.1537433020846E-12
y0= : -1.7123038375072E-12
*****
i=41988
k(41988)=0.99948565522741
kQ(41988)=0.99897157500537
r1= : 2.0669863379997E-12
rpunto1: = 9614049.4366836
rduepunti0 : = -4.2640739749721E+25
fil : = 494.20858771081
fipunto1 : = 2.838011632185E+18
fi_gradi : = 28316.066274951
t1 : = 1.0810369068629E-14
tpunto1 : = 1.0017850261437
tduepunti0 : = -1.27535840073E+16
v=v_elettrone : = 11269165.463955
x0= : -1.1538024583945E-12
y0= : -1.7136248441967E-12
```

```
*****
i=41989
k(41989)=0.99948618984011
kQ(41989)=0.99897264368109
r1= : 2.0681138611553E-12
rpunto1: = 9609052.9752292
rduepunti0 : = -4.2603317895614E+25
fil : = 494.20892054911
fipunto1 : = 2.8349154106259E+18
fi_gradi : = 28316.08534518
t1 : = 1.0810369186117E-14
tpunto1 : = 1.0017835328326
tduepunti0 : = -1.2733012199797E+16
v=v_elettrone : = 11263223.939628
x0= : -1.1538611594597E-12
y0= : -1.7149451729335E-12
*****
i=41990
k(41990)=0.9994867237062
kQ(41990)=0.99897371086495
r1= : 2.0692407983324E-12
rpunto1: = 9604060.8948498
rduepunti0 : = -4.2565961792841E+25
fil : = 494.20925302428
fipunto1 : = 2.831825859678E+18
fi_gradi : = 28316.104394605
t1 : = 1.0810369303605E-14
tpunto1 : = 1.0017820419283
tduepunti0 : = -1.2712490776942E+16
v=v_elettrone : = 11257288.862082
x0= : -1.1539194060019E-12
y0= : -1.7162648243074E-12
*****
i=41991
k(41991)=0.99948725682724
kQ(41991)=0.99897477656005
r1= : 2.0703671500448E-12
rpunto1: = 9599073.1878525
rduepunti0 : = -4.2528671283748E+25
fil : = 494.20958513712
fipunto1 : = 2.8287429590229E+18
fi_gradi : = 28316.123423268
t1 : = 1.0810369421093E-14
tpunto1 : = 1.0017805534248
tduepunti0 : = -1.2692019570862E+16
v=v_elettrone : = 11251360.218084
x0= : -1.153977198741E-12
y0= : -1.7175837989074E-12
*****
i=41992
k(41992)=0.99948778920479
kQ(41992)=0.99897584076948
r1= : 2.0714929168055E-12
rpunto1: = 9594089.8465631
rduepunti0 : = -4.2491446211145E+25
fil : = 494.2099168884
fipunto1 : = 2.8256666884226E+18
fi_gradi : = 28316.142431217
t1 : = 1.081036953858E-14
tpunto1 : = 1.0017790673163
tduepunti0 : = -1.2671598414389E+16
v=v_elettrone : = 11245437.993856
x0= : -1.1540345383952E-12
y0= : -1.7189020973213E-12
```

```
*****
i=41993
k(41993)=0.99948832084039
kQ(41993)=0.99897690349634
r1= : 2.0726180991264E-12
rpunto1: = 9589110.8633256
rduerpunti0 : = -4.2454286418303E+25
fil : = 494.2102482789
fipunto1 : = 2.8225970277187E+18
fi_gradi : = 28316.161418493
t1 : = 1.0810369656068E-14
tpunto1 : = 1.0017775835969
tduerpunti0 : = -1.2651227141054E+16
v=v_elettrone : = 11239522.177107
x0= : -1.1540914256812E-12
y0= : -1.7202197201359E-12
*****
i=41994
k(41994)=0.99948885173557
kQ(41994)=0.99897796474369
r1= : 2.0737426975186E-12
rpunto1: = 9584136.2305025
rduerpunti0 : = -4.2417191748954E+25
fil : = 494.21057930939
fipunto1 : = 2.8195339568319E+18
fi_gradi : = 28316.180385143
t1 : = 1.0810369773555E-14
tpunto1 : = 1.0017761022608
tduerpunti0 : = -1.2630905585085E+16
v=v_elettrone : = 11233612.753963
x0= : -1.1541478613135E-12
y0= : -1.721536667937E-12
*****
i=41995
k(41995)=0.99948938189188
kQ(41995)=0.99897902451462
r1= : 2.0748667124925E-12
rpunto1: = 9579165.9404744
rduerpunti0 : = -4.2380162047287E+25
fil : = 494.21090998065
fipunto1 : = 2.8164774557622E+18
fi_gradi : = 28316.199331211
t1 : = 1.0810369891042E-14
tpunto1 : = 1.0017746233022
tduerpunti0 : = -1.2610633581404E+16
v=v_elettrone : = 11227709.711529
x0= : -1.1542038460052E-12
y0= : -1.7228529413095E-12
*****
i=41996
k(41996)=0.99948991131085
kQ(41996)=0.99898008281217
r1= : 2.0759901445572E-12
rpunto1: = 9574199.9856402
rduerpunti0 : = -4.234319715795E+25
fil : = 494.21124029344
fipunto1 : = 2.8134275045877E+18
fi_gradi : = 28316.21825674
t1 : = 1.0810370008529E-14
tpunto1 : = 1.0017731467153
tduerpunti0 : = -1.2590410965621E+16
v=v_elettrone : = 11221813.036877
x0= : -1.1542593804676E-12
y0= : -1.7241685408369E-12
```

```
*****
i=41997
k(41997)=0.999490439994
kQ(41997)=0.99898113963941
r1= : 2.0771129942212E-12
rpunto1: = 9569238.358417
rduepunti0 : = -4.2306296926045E+25
fil : = 494.21157024854
fipunto1 : = 2.810384083465E+18
fi_gradi : = 28316.237161775
t1 : = 1.0810370126015E-14
tpunto1 : = 1.0017716724942
tduepunti0 : = -1.2570237574032E+16
v=v_elettrone : = 11215922.716493
x0= : -1.1543144654103E-12
y0= : -1.7254834671022E-12
*****
i=41998
k(41998)=0.99949096794287
kQ(41998)=0.99898219499937
r1= : 2.078235261992E-12
rpunto1: = 9564281.05124
rduepunti0 : = -4.2269461197129E+25
fil : = 494.21189984672
fipunto1 : = 2.8073471726283E+18
fi_gradi : = 28316.256046359
t1 : = 1.0810370243502E-14
tpunto1 : = 1.0017702006333
tduepunti0 : = -1.2550113243617E+16
v=v_elettrone : = 11210038.738399
x0= : -1.1543691015411E-12
y0= : -1.7267977206869E-12
*****
i=41999
k(41999)=0.99949149515896
kQ(41999)=0.99898324889509
r1= : 2.0793569483764E-12
rpunto1: = 9559328.0565623
rduepunti0 : = -4.2232689817211E+25
fil : = 494.21222908872
fipunto1 : = 2.8043167523893E+18
fi_gradi : = 28316.274910537
t1 : = 1.0810370360988E-14
tpunto1 : = 1.0017687311269
tduepunti0 : = -1.2530037812034E+16
v=v_elettrone : = 11204161.08848
x0= : -1.1544232895662E-12
y0= : -1.7281113021719E-12
*****
i=42000
k(42000)=0.99949202164379
kQ(42000)=0.99898430132959
r1= : 2.08047805388E-12
rpunto1: = 9554379.3668553
rduepunti0 : = -4.2195982632752E+25
fil : = 494.21255797533
fipunto1 : = 2.8012928031367E+18
fi_gradi : = 28316.293754351
t1 : = 1.0810370478474E-14
tpunto1 : = 1.0017672639691
tduepunti0 : = -1.2510011117618E+16
v=v_elettrone : = 11198289.754133
x0= : -1.1544770301899E-12
y0= : -1.7294242121368E-12
```