

```

*****
i=32001
k(32001)=0.99995939215393
kQ(32001)=0.99991878595686
r1= : 4.3355394633133E-12
rpunto1: = 2701690.560323
rduepunti0 : = -1.1560792425955E+25
fil : = 488.24831810859
fipunto1 : = 6.6361498908796E+17
fi_gradi : = 27974.567981983
t1 : = 1.0809195925077E-14
tpunto1 : = 1.000448335754
tduepunti0 : = -8.1196232622672E+14
v=v_elettrone : = 3947929.4919846
x0= : -1.153905569722E-12
y0= : -4.1788342463002E-12
*****
i=32002
k(32002)=0.9999594328969
kQ(32002)=0.99991886743949
r1= : 4.335856314052E-12
rpunto1: = 2700334.9075142
rduepunti0 : = -1.1559242094622E+25
fil : = 488.24839593649
fipunto1 : = 6.6351799220843E+17
fi_gradi : = 27974.572441193
t1 : = 1.0809196042409E-14
tpunto1 : = 1.0004482405898
tduepunti0 : = -8.1143625293816E+14
v=v_elettrone : = 3946847.8530057
x0= : -1.1536646434223E-12
y0= : -4.1792296333732E-12
*****
i=32003
k(32003)=0.99995947361396
kQ(32003)=0.99991894887031
r1= : 4.3361730058015E-12
rpunto1: = 2698979.4363989
rduepunti0 : = -1.1557692849992E+25
fil : = 488.24847375301
fipunto1 : = 6.6342106525395E+17
fi_gradi : = 27974.576899752
t1 : = 1.080919615974E-14
tpunto1 : = 1.0004481454873
tduepunti0 : = -8.1091043909469E+14
v=v_elettrone : = 3945766.6179514
x0= : -1.1534236678407E-12
y0= : -4.1796248418452E-12
*****
i=32004
k(32004)=0.99995951430512
kQ(32004)=0.99991903024934
r1= : 4.3364895385832E-12
rpunto1: = 2697624.1468495
rduepunti0 : = -1.1556144691412E+25
fil : = 488.24855155817
fipunto1 : = 6.633242081798E+17
fi_gradi : = 27974.581357659
t1 : = 1.0809196277071E-14
tpunto1 : = 1.0004480504464
tduepunti0 : = -8.1038488445035E+14
v=v_elettrone : = 3944685.788467
x0= : -1.1531826429982E-12
y0= : -4.1800198717386E-12

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*****
i=32005
k(32005)=0.99995955497041
kQ(32005)=0.99991911157661
r1= : 4.3368059124182E-12
rpunto1: = 2696269.0387389
rduepunti0 : = -1.1554597618234E+25
fil : = 488.24862935197
fipunto1 : = 6.632274209413E+17
fi_gradi : = 27974.585814915
t1 : = 1.0809196394402E-14
tpunto1 : = 1.0004479554672
tduepunti0 : = -8.0985958875944E+14
v=v_elettrone : = 3943605.3616316
x0= : -1.1529415689158E-12
y0= : -4.1804147230756E-12
*****
i=32006
k(32006)=0.99995959560982
kQ(32006)=0.99991919285215
r1= : 4.3371221273279E-12
rpunto1: = 2694914.1119397
rduepunti0 : = -1.1553051629808E+25
fil : = 488.24870713441
fipunto1 : = 6.6313070349381E+17
fi_gradi : = 27974.590271521
t1 : = 1.0809196511734E-14
tpunto1 : = 1.0004478605495
tduepunti0 : = -8.0933455177652E+14
v=v_elettrone : = 3942525.3406396
x0= : -1.1527004456148E-12
y0= : -4.1808093958784E-12
*****
i=32007
k(32007)=0.99995963622337
kQ(32007)=0.99991927407597
r1= : 4.3374381833336E-12
rpunto1: = 2693559.366325
rduepunti0 : = -1.1551506725485E+25
fil : = 488.24878490551
fipunto1 : = 6.6303405579276E+17
fi_gradi : = 27974.594727477
t1 : = 1.0809196629065E-14
tpunto1 : = 1.0004477656933
tduepunti0 : = -8.0880977325637E+14
v=v_elettrone : = 3941445.7240859
x0= : -1.1524592731161E-12
y0= : -4.1812038901692E-12
*****
i=32008
k(32008)=0.99995967681107
kQ(32008)=0.9999193552481
r1= : 4.3377540804565E-12
rpunto1: = 2692204.8017675
rduepunti0 : = -1.1549962904618E+25
fil : = 488.24886266528
fipunto1 : = 6.629374777936E+17
fi_gradi : = 27974.599182783
t1 : = 1.0809196746396E-14
tpunto1 : = 1.0004476708987
tduepunti0 : = -8.0828525295404E+14
v=v_elettrone : = 3940366.5105457
x0= : -1.1522180514406E-12
y0= : -4.1815982059704E-12
```

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*****
i=32009
k(32009)=0.99995971737294
kQ(32009)=0.99991943636857
r1= : 4.3380698187178E-12
rpunto1 : = 2690850.4181403
rduepunti0 : = -1.1548420166558E+25
fil : = 488.24894041372
fipunto1 : = 6.6284096945185E+17
fi_gradi : = 27974.603637441
t1 : = 1.0809196863727E-14
tpunto1 : = 1.0004475761655
tduepunti0 : = -8.0776099062482E+14
v=v_elettrone : = 3939287.7017064
x0= : -1.1519767806098E-12
y0= : -4.181992343304E-12
*****
i=32010
k(32010)=0.99995975790899
kQ(32010)=0.9999195174374
r1= : 4.3383853981388E-12
rpunto1 : = 2689496.2153165
rduepunti0 : = -1.1546878510659E+25
fil : = 488.24901815085
fipunto1 : = 6.6274453072307E+17
fi_gradi : = 27974.60809145
t1 : = 1.0809196981058E-14
tpunto1 : = 1.0004474814938
tduepunti0 : = -8.0723698602424E+14
v=v_elettrone : = 3938209.299222
x0= : -1.1517354606445E-12
y0= : -4.1823863021922E-12
*****
i=32011
k(32011)=0.99995979841922
kQ(32011)=0.99991959845461
r1= : 4.3387008187407E-12
rpunto1 : = 2688142.1931693
rduepunti0 : = -1.1545337936275E+25
fil : = 488.24909587666
fipunto1 : = 6.6264816156285E+17
fi_gradi : = 27974.612544811
t1 : = 1.080919709839E-14
tpunto1 : = 1.0004473868835
tduepunti0 : = -8.0671323890808E+14
v=v_elettrone : = 3937131.2986216
x0= : -1.1514940915654E-12
y0= : -4.1827800826573E-12
*****
i=32012
k(32012)=0.99995983890366
kQ(32012)=0.99991967942023
r1= : 4.3390160805446E-12
rpunto1 : = 2686788.3515718
rduepunti0 : = -1.154379844276E+25
fil : = 488.24917359117
fipunto1 : = 6.6255186192686E+17
fi_gradi : = 27974.616997524
t1 : = 1.0809197215721E-14
tpunto1 : = 1.0004472923347
tduepunti0 : = -8.0618974903236E+14
v=v_elettrone : = 3936053.7046287
x0= : -1.151252673394E-12
y0= : -4.1831736847213E-12
```

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*****
i=32013
k(32013)=0.99995987936231
kQ(32013)=0.99991976033428
r1= : 4.3393311835717E-12
rpunto1 : = 2685434.6903975
rduepunti0 : = -1.154226002947E+25
fil : = 488.24925129439
fipunto1 : = 6.6245563177078E+17
fi_gradi : = 27974.621449591
t1 : = 1.0809197333052E-14
tpunto1 : = 1.0004471978472
tduepunti0 : = -8.0566651615336E+14
v=v_elettrone : = 3934976.5127918
x0= : -1.1510112061509E-12
y0= : -4.1835671084064E-12
*****
i=32014
k(32014)=0.99995991979518
kQ(32014)=0.99991984119678
r1= : 4.3396461278432E-12
rpunto1 : = 2684081.2095196
rduepunti0 : = -1.1540722695761E+25
fil : = 488.24932898632
fipunto1 : = 6.6235947105037E+17
fi_gradi : = 27974.62590101
t1 : = 1.0809197450383E-14
tpunto1 : = 1.000447103421
tduepunti0 : = -8.051435400276E+14
v=v_elettrone : = 3933899.7262702
x0= : -1.1507696898574E-12
y0= : -4.1839603537347E-12
*****
i=32015
k(32015)=0.99995996020229
kQ(32015)=0.99991992200776
r1= : 4.3399609133803E-12
rpunto1 : = 2682727.9088117
rduepunti0 : = -1.1539186440988E+25
fil : = 488.24940666697
fipunto1 : = 6.6226337972141E+17
fi_gradi : = 27974.630351784
t1 : = 1.0809197567714E-14
tpunto1 : = 1.0004470090561
tduepunti0 : = -8.0462082041182E+14
v=v_elettrone : = 3932823.345234
x0= : -1.1505281245343E-12
y0= : -4.1843534207283E-12
*****
i=32016
k(32016)=0.99996000058364
kQ(32016)=0.99992000276724
r1= : 4.340275540204E-12
rpunto1 : = 2681374.7881473
rduepunti0 : = -1.153765126451E+25
fil : = 488.24948433635
fipunto1 : = 6.6216735773975E+17
fi_gradi : = 27974.634801912
t1 : = 1.0809197685045E-14
tpunto1 : = 1.0004469147525
tduepunti0 : = -8.0409835706303E+14
v=v_elettrone : = 3931747.3667239
x0= : -1.1502865102025E-12
y0= : -4.1847463094093E-12
```

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*****
i=32017
k(32017)=0.99996004093926
kQ(32017)=0.99992008347525
r1= : 4.3405900083355E-12
rpunto1: = 2680021.8474
rduepunti0 : = -1.1536117165684E+25
fil : = 488.24956199448
fipunto1 : = 6.6207140506127E+17
fi_gradi : = 27974.639251395
t1 : = 1.0809197802376E-14
tpunto1 : = 1.0004468205101
tduepunti0 : = -8.0357614973849E+14
v=v_elettrone : = 3930671.7939284
x0= : -1.1500448468831E-12
y0= : -4.1851390197998E-12
*****
i=32018
k(32018)=0.99996008126915
kQ(32018)=0.99992016413181
r1= : 4.3409043177959E-12
rpunto1: = 2678669.0864434
rduepunti0 : = -1.1534584143868E+25
fil : = 488.24963964135
fipunto1 : = 6.6197552164189E+17
fi_gradi : = 27974.643700232
t1 : = 1.0809197919707E-14
tpunto1 : = 1.000446726329
tduepunti0 : = -8.0305419819569E+14
v=v_elettrone : = 3929596.6239243
x0= : -1.1498031345969E-12
y0= : -4.1855315519218E-12
*****
i=32019
k(32019)=0.99996012157333
kQ(32019)=0.99992024473694
r1= : 4.3412184686062E-12
rpunto1: = 2677316.5051515
rduepunti0 : = -1.1533052198422E+25
fil : = 488.24971727697
fipunto1 : = 6.6187970743761E+17
fi_gradi : = 27974.648148426
t1 : = 1.0809198037039E-14
tpunto1 : = 1.000446632209
tduepunti0 : = -8.0253250219235E+14
v=v_elettrone : = 3928521.8599136
x0= : -1.1495613733651E-12
y0= : -4.1859239057973E-12
*****
i=32020
k(32020)=0.9999601618518
kQ(32020)=0.99992032529067
r1= : 4.3415324607875E-12
rpunto1: = 2675964.1033979
rduepunti0 : = -1.1531521328705E+25
fil : = 488.24979490136
fipunto1 : = 6.6178396240444E+17
fi_gradi : = 27974.652595976
t1 : = 1.080919815437E-14
tpunto1 : = 1.0004465381502
tduepunti0 : = -8.0201106148646E+14
v=v_elettrone : = 3927447.4989454
x0= : -1.1493195632082E-12
y0= : -4.1863160814485E-12
```

```
*****
i=32021
k(32021)=0.99996020210458
kQ(32021)=0.99992040579302
r1= : 4.341846294361E-12
rpunto1 : = 2674611.8810567
rduepunti0 : = -1.1529991534079E+25
fil : = 488.24987251452
fipunto1 : = 6.6168828649846E+17
fi_gradi : = 27974.657042882
t1 : = 1.0809198271701E-14
tpunto1 : = 1.0004464441525
tduepunti0 : = -8.0148987583624E+14
v=v_elettrone : = 3926373.5426797
x0= : -1.1490777041475E-12
y0= : -4.1867080788972E-12
*****
i=32022
k(32022)=0.99996024233167
kQ(32022)=0.99992048624402
r1= : 4.3421599693476E-12
rpunto1 : = 2673259.8380017
rduepunti0 : = -1.1528462813903E+25
fil : = 488.24995011645
fipunto1 : = 6.6159267967578E+17
fi_gradi : = 27974.661489146
t1 : = 1.0809198389032E-14
tpunto1 : = 1.0004463502159
tduepunti0 : = -8.0096894500014E+14
v=v_elettrone : = 3925299.9897149
x0= : -1.1488357962036E-12
y0= : -4.1870998981655E-12
*****
i=32023
k(32023)=0.9999602825331
kQ(32023)=0.99992056664368
r1= : 4.3424734857683E-12
rpunto1 : = 2671907.9741072
rduepunti0 : = -1.1526935167539E+25
fil : = 488.25002770718
fipunto1 : = 6.6149714189256E+17
fi_gradi : = 27974.665934767
t1 : = 1.0809198506363E-14
tpunto1 : = 1.0004462563404
tduepunti0 : = -8.0044826873689E+14
v=v_elettrone : = 3924226.8417264
x0= : -1.1485938393978E-12
y0= : -4.1874915392753E-12
*****
i=32024
k(32024)=0.99996032270888
kQ(32024)=0.99992064699204
r1= : 4.3427868436442E-12
rpunto1 : = 2670556.2892471
rduepunti0 : = -1.1525408594351E+25
fil : = 488.2501052867
fipunto1 : = 6.6140167310502E+17
fi_gradi : = 27974.670379746
t1 : = 1.0809198623694E-14
tpunto1 : = 1.0004461625259
tduepunti0 : = -7.9992784680541E+14
v=v_elettrone : = 3923154.098838
x0= : -1.1483518337506E-12
y0= : -4.1878830022486E-12
```

```
*****
i=32025
k(32025)=0.99996036285901
kQ(32025)=0.99992072728911
r1= : 4.3431000429963E-12
rpunto1: = 2669204.7832958
rduepunti0 : = -1.1523883093701E+25
fil : = 488.25018285502
fipunto1 : = 6.6130627326942E+17
fi_gradi : = 27974.674824084
t1 : = 1.0809198741025E-14
tpunto1 : = 1.0004460687724
tduepunti0 : = -7.994076789649E+14
v=v_elettrone : = 3922081.7596392
x0= : -1.1481097792829E-12
y0= : -4.1882742871073E-12
*****
i=32026
k(32026)=0.9999604029835
kQ(32026)=0.99992080753492
r1= : 4.3434130838455E-12
rpunto1: = 2667853.4561275
rduepunti0 : = -1.1522358664952E+25
fil : = 488.25026041216
fipunto1 : = 6.6121094234205E+17
fi_gradi : = 27974.67926778
t1 : = 1.0809198858356E-14
tpunto1 : = 1.0004459750799
tduepunti0 : = -7.9888776497478E+14
v=v_elettrone : = 3921009.824268
x0= : -1.1478676760156E-12
y0= : -4.1886653938734E-12
*****
i=32027
k(32027)=0.99996044308237
kQ(32027)=0.9999208877295
r1= : 4.3437259662128E-12
rpunto1: = 2666502.3076165
rduepunti0 : = -1.152083530747E+25
fil : = 488.25033795811
fipunto1 : = 6.6111568027926E+17
fi_gradi : = 27974.683710836
t1 : = 1.0809198975687E-14
tpunto1 : = 1.0004458814483
tduepunti0 : = -7.9836810459473E+14
v=v_elettrone : = 3919938.2928451
x0= : -1.1476255239696E-12
y0= : -4.1890563225688E-12
*****
i=32028
k(32028)=0.99996048315564
kQ(32028)=0.99992096787286
r1= : 4.3440386901192E-12
rpunto1: = 2665151.3376374
rduepunti0 : = -1.1519313020618E+25
fil : = 488.2504154929
fipunto1 : = 6.6102048703746E+17
fi_gradi : = 27974.688153252
t1 : = 1.0809199093018E-14
tpunto1 : = 1.0004457878777
tduepunti0 : = -7.9784869758466E+14
v=v_elettrone : = 3918867.1670351
x0= : -1.1473833231658E-12
y0= : -4.1894470732154E-12
```

```
*****
i=32029
k(32029)=0.99996052320331
kQ(32029)=0.99992104796503
r1= : 4.3443512555857E-12
rpunto1:= 2663800.5460646
rduepunti0 := -1.1517791803763E+25
fil := 488.25049301652
fipunto1 := 6.6092536257307E+17
fi_gradi := 27974.692595028
t1 := 1.0809199210349E-14
tpunto1 := 1.0004456943679
tduepunti0 := -7.9732954370471E+14
v=v_elettrone := 3917796.4439104
x0= : -1.1471410736247E-12
y0= : -4.189837645835E-12
*****
i=32030
k(32030)=0.99996056322539
kQ(32030)=0.99992112800603
r1= : 4.344663662633E-12
rpunto1:= 2662449.9327727
rduepunti0 := -1.1516271656271E+25
fil := 488.25057052898
fipunto1 := 6.6083030684259E+17
fi_gradi := 27974.697036165
t1 := 1.080919932768E-14
tpunto1 := 1.000445600919
tduepunti0 := -7.9681064271528E+14
v=v_elettrone := 3916726.125126
x0= : -1.1468987753675E-12
y0= : -4.1902280404495E-12
*****
i=32031
k(32031)=0.99996060322189
kQ(32031)=0.99992120799589
r1= : 4.3449759112822E-12
rpunto1:= 2661099.4976363
rduepunti0 := -1.1514752577508E+25
fil := 488.25064803029
fipunto1 := 6.6073531980255E+17
fi_gradi := 27974.701476663
t1 := 1.0809199445011E-14
tpunto1 := 1.0004455075309
tduepunti0 := -7.9629199437698E+14
v=v_elettrone := 3915656.2108078
x0= : -1.1466564284149E-12
y0= : -4.1906182570807E-12
*****
i=32032
k(32032)=0.99996064319284
kQ(32032)=0.99992128793463
r1= : 4.3452880015541E-12
rpunto1:= 2659749.2405303
rduepunti0 := -1.1513234566843E+25
fil := 488.25072552047
fipunto1 := 6.6064040140952E+17
fi_gradi := 27974.705916523
t1 := 1.0809199562342E-14
tpunto1 := 1.0004454142036
tduepunti0 := -7.957735984507E+14
v=v_elettrone := 3914586.7010999
x0= : -1.1464140327876E-12
y0= : -4.1910082957506E-12
```



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*****
i=32033
k(32033)=0.99996068313823
kQ(32033)=0.99992136782228
r1= : 4.3455999334696E-12
rpunto1: = 2658399.1613294
rduepunti0 : = -1.1511717623643E+25
fil : = 488.25080299951
fipunto1 : = 6.6054555162014E+17
fi_gradi : = 27974.710355745
t1 : = 1.0809199679673E-14
tpunto1 : = 1.0004453209371
tduepunti0 : = -7.9525545469753E+14
v=v_elettrone : = 3913517.596122
x0= : -1.1461715885064E-12
y0= : -4.1913981564808E-12
*****
i=32034
k(32034)=0.99996072305809
kQ(32034)=0.99992144765885
r1= : 4.3459117070496E-12
rpunto1: = 2657049.2599085
rduepunti0 : = -1.1510201747276E+25
fil : = 488.25088046743
fipunto1 : = 6.6045077039106E+17
fi_gradi : = 27974.71479433
t1 : = 1.0809199797003E-14
tpunto1 : = 1.0004452277313
tduepunti0 : = -7.9473756287882E+14
v=v_elettrone : = 3912448.8944771
x0= : -1.1459290955919E-12
y0= : -4.1917878392933E-12
*****
i=32035
k(32035)=0.99996076295241
kQ(32035)=0.99992152744438
r1= : 4.3462233223149E-12
rpunto1: = 2655699.5361425
rduepunti0 : = -1.1508686937114E+25
fil : = 488.25095792423
fipunto1 : = 6.6035605767902E+17
fi_gradi : = 27974.719232278
t1 : = 1.0809199914334E-14
tpunto1 : = 1.0004451345863
tduepunti0 : = -7.9421992275616E+14
v=v_elettrone : = 3911380.5962793
x0= : -1.145686554065E-12
y0= : -4.1921773442097E-12
*****
i=32036
k(32036)=0.99996080282123
kQ(32036)=0.99992160717887
r1= : 4.3465347792864E-12
rpunto1: = 2654349.9899066
rduepunti0 : = -1.1507173192525E+25
fil : = 488.25103536993
fipunto1 : = 6.6026141344076E+17
fi_gradi : = 27974.72366959
t1 : = 1.0809200031665E-14
tpunto1 : = 1.0004450415019
tduepunti0 : = -7.9370253409136E+14
v=v_elettrone : = 3910312.7032058
x0= : -1.1454439639466E-12
y0= : -4.1925666712519E-12
```

```
*****
i=32037
k(32037)=0.99996084266454
kQ(32037)=0.99992168686237
r1= : 4.3468460779849E-12
rpunto1 : = 2653000.6210757
rduepunti0 : = -1.1505660512881E+25
fil : = 488.25111280453
fipunto1 : = 6.6016683763309E+17
fi_gradi : = 27974.728106265
t1 : = 1.0809200148996E-14
tpunto1 : = 1.0004449484781
tduepunti0 : = -7.9318539664648E+14
v=v_elettrone : = 3909245.2138617
x0= : -1.1452013252573E-12
y0= : -4.1929558204416E-12
*****
i=32038
k(32038)=0.99996088248235
kQ(32038)=0.99992176649488
r1= : 4.3471572184311E-12
rpunto1 : = 2651651.4295251
rduepunti0 : = -1.1504148897552E+25
fil : = 488.25119022803
fipunto1 : = 6.6007233021287E+17
fi_gradi : = 27974.732542305
t1 : = 1.0809200266327E-14
tpunto1 : = 1.000444855515
tduepunti0 : = -7.9266851018382E+14
v=v_elettrone : = 3908178.1283459
x0= : -1.1449586380178E-12
y0= : -4.1933447918005E-12
*****
i=32039
k(32039)=0.99996092227469
kQ(32039)=0.99992184607644
r1= : 4.3474682006459E-12
rpunto1 : = 2650302.41513
rduepunti0 : = -1.1502638345911E+25
fil : = 488.25126764045
fipunto1 : = 6.59977891137E+17
fi_gradi : = 27974.73697771
t1 : = 1.0809200383658E-14
tpunto1 : = 1.0004447626125
tduepunti0 : = -7.9215187446591E+14
v=v_elettrone : = 3907111.4483659
x0= : -1.144715902249E-12
y0= : -4.1937335853504E-12
*****
i=32040
k(32040)=0.99996096204155
kQ(32040)=0.99992192560707
r1= : 4.3477790246501E-12
rpunto1 : = 2648953.5777658
rduepunti0 : = -1.150112885733E+25
fil : = 488.25134504179
fipunto1 : = 6.5988352036241E+17
fi_gradi : = 27974.741412481
t1 : = 1.0809200500989E-14
tpunto1 : = 1.0004446697705
tduepunti0 : = -7.9163548925553E+14
v=v_elettrone : = 3906045.1709474
x0= : -1.1444731179712E-12
y0= : -4.194122201113E-12
```

```
*****
i=32041
k(32041)=0.99996100178296
kQ(32041)=0.99992200508679
r1= : 4.3480896904644E-12
rpunto1 : = 2647604.9173078
rduepunti0 : = -1.1499620431183E+25
fil : = 488.25142243207
fipunto1 : = 6.597892178461E+17
fi_gradi : = 27974.745846617
t1 : = 1.080920061832E-14
tpunto1 : = 1.000444576989
tduepunti0 : = -7.9111935431566E+14
v=v_elettrone : = 3904979.2977666
x0= : -1.1442302852055E-12
y0= : -4.1945106391099E-12
*****
i=32042
k(32042)=0.99996104149893
kQ(32042)=0.99992208451562
r1= : 4.3484001981096E-12
rpunto1 : = 2646256.4336316
rduepunti0 : = -1.1498113066843E+25
fil : = 488.25149981129
fipunto1 : = 6.596949835451E+17
fi_gradi : = 27974.750280119
t1 : = 1.080920073565E-14
tpunto1 : = 1.0004444842681
tduepunti0 : = -7.9060346940956E+14
v=v_elettrone : = 3903913.8289511
x0= : -1.1439874039725E-12
y0= : -4.1948988993628E-12
*****
i=32043
k(32043)=0.99996108118946
kQ(32043)=0.99992216389359
r1= : 4.3487105476063E-12
rpunto1 : = 2644908.1266126
rduepunti0 : = -1.1496606763686E+25
fil : = 488.25157717945
fipunto1 : = 6.5960081741649E+17
fi_gradi : = 27974.754712989
t1 : = 1.0809200852981E-14
tpunto1 : = 1.0004443916076
tduepunti0 : = -7.9008783430071E+14
v=v_elettrone : = 3902848.764646
x0= : -1.1437444742928E-12
y0= : -4.1952869818934E-12
*****
i=32044
k(32044)=0.99996112085457
kQ(32044)=0.99992224322072
r1= : 4.3490207389754E-12
rpunto1 : = 2643559.9961265
rduepunti0 : = -1.1495101521085E+25
fil : = 488.25165453658
fipunto1 : = 6.5950671941739E+17
fi_gradi : = 27974.759145225
t1 : = 1.0809200970312E-14
tpunto1 : = 1.0004442990076
tduepunti0 : = -7.8957244875281E+14
v=v_elettrone : = 3901784.1049862
x0= : -1.1435014961871E-12
y0= : -4.1956748867233E-12
```

```
*****
i=32045
k(32045)=0.99996116049426
kQ(32045)=0.99992232249703
r1= : 4.3493307722375E-12
rpunto1 : = 2642212.0420489
rduepunti0 : = -1.1493597338418E+25
fil : = 488.25173188266
fipunto1 : = 6.5941268950497E+17
fi_gradi : = 27974.76357683
t1 : = 1.0809201087643E-14
tpunto1 : = 1.000444206468
tduepunti0 : = -7.8905731252981E+14
v=v_elettrone : = 3900719.8485274
x0= : -1.1432584696758E-12
y0= : -4.1960626138742E-12
*****
i=32046
k(32046)=0.99996120010856
kQ(32046)=0.99992240172256
r1= : 4.3496406474133E-12
rpunto1 : = 2640864.2642558
rduepunti0 : = -1.149209421506E+25
fil : = 488.25180921772
fipunto1 : = 6.5931872763645E+17
fi_gradi : = 27974.768007802
t1 : = 1.0809201204974E-14
tpunto1 : = 1.0004441139888
tduepunti0 : = -7.8854242539589E+14
v=v_elettrone : = 3899655.9954233
x0= : -1.1430153947799E-12
y0= : -4.1964501633676E-12
*****
i=32047
k(32047)=0.99996123969747
kQ(32047)=0.99992248089731
r1= : 4.3499503645235E-12
rpunto1 : = 2639516.6626228
rduepunti0 : = -1.1490592150388E+25
fil : = 488.25188654176
fipunto1 : = 6.5922483376909E+17
fi_gradi : = 27974.772438143
t1 : = 1.0809201322304E-14
tpunto1 : = 1.0004440215699
tduepunti0 : = -7.8802778711547E+14
v=v_elettrone : = 3898592.5473586
x0= : -1.1427722715199E-12
y0= : -4.1968375352252E-12
*****
i=32048
k(32048)=0.99996127926101
kQ(32048)=0.99992256002131
r1= : 4.3502599235887E-12
rpunto1 : = 2638169.2370258
rduepunti0 : = -1.1489091143781E+25
fil : = 488.25196385479
fipunto1 : = 6.5913100786019E+17
fi_gradi : = 27974.776867853
t1 : = 1.0809201439635E-14
tpunto1 : = 1.0004439292113
tduepunti0 : = -7.875133974532E+14
v=v_elettrone : = 3897529.5044501
x0= : -1.1425290999164E-12
y0= : -4.1972247294685E-12
```

```
*****
i=32049
k(32049)=0.99996131879918
kQ(32049)=0.99992263909459
r1= : 4.3505693246296E-12
rpunto1: = 2636821.987341
rduepunti0 : = -1.1487591194616E+25
fil : = 488.25204115681
fipunto1 : = 6.590372498671E+17
fi_gradi : = 27974.781296933
t1 : = 1.0809201556966E-14
tpunto1 : = 1.0004438369131
tduepunti0 : = -7.8699925617397E+14
v=v_elettrone : = 3896466.8637428
x0= : -1.1422858799899E-12
y0= : -4.1976117461191E-12
*****
i=32050
k(32050)=0.99996135831199
kQ(32050)=0.99992271811717
r1= : 4.3508785676668E-12
rpunto1: = 2635474.9134443
rduepunti0 : = -1.1486092302273E+25
fil : = 488.25211844784
fipunto1 : = 6.5894355974722E+17
fi_gradi : = 27974.785725383
t1 : = 1.0809201674297E-14
tpunto1 : = 1.0004437446751
tduepunti0 : = -7.8648536304288E+14
v=v_elettrone : = 3895404.6284544
x0= : -1.1420426117612E-12
y0= : -4.1979985851986E-12
*****
i=32051
k(32051)=0.99996139779947
kQ(32051)=0.99992279708907
r1= : 4.351187652721E-12
rpunto1: = 2634128.0152119
rduepunti0 : = -1.148459446613E+25
fil : = 488.25219572788
fipunto1 : = 6.5884993745798E+17
fi_gradi : = 27974.790153203
t1 : = 1.0809201791627E-14
tpunto1 : = 1.0004436524974
tduepunti0 : = -7.859717178253E+14
v=v_elettrone : = 3894342.7956418
x0= : -1.1417992952507E-12
y0= : -4.1983852467285E-12
*****
i=32052
k(32052)=0.99996143726162
kQ(32052)=0.99992287601032
r1= : 4.3514965798127E-12
rpunto1: = 2632781.2925199
rduepunti0 : = -1.1483097685569E+25
fil : = 488.25227299694
fipunto1 : = 6.5875638295687E+17
fi_gradi : = 27974.794580394
t1 : = 1.0809201908958E-14
tpunto1 : = 1.0004435603799
tduepunti0 : = -7.8545832028679E+14
v=v_elettrone : = 3893281.3685091
x0= : -1.1415559304792E-12
y0= : -4.1987717307302E-12
```

```
*****
i=32053
k(32053)=0.99996147669844
kQ(32053)=0.99992295488093
r1= : 4.3518053489625E-12
rpunto1: = 2631434.7452447
rduepunti0 : = -1.1481601959969E+25
fil : = 488.25235025503
fipunto1 : = 6.5866289620142E+17
fi_gradi : = 27974.799006956
t1 : = 1.0809202026289E-14
tpunto1 : = 1.0004434683225
tduepunti0 : = -7.8494517019319E+14
v=v_elettrone : = 3892220.3441035
x0= : -1.1413125174671E-12
y0= : -4.1991580372253E-12
*****
i=32054
k(32054)=0.99996151610996
kQ(32054)=0.99992303370094
r1= : 4.352113960191E-12
rpunto1: = 2630088.3732626
rduepunti0 : = -1.1480107288714E+25
fil : = 488.25242750215
fipunto1 : = 6.585694771492E+17
fi_gradi : = 27974.80343289
t1 : = 1.080920214362E-14
tpunto1 : = 1.0004433763253
tduepunti0 : = -7.8443226731053E+14
v=v_elettrone : = 3891159.7256591
x0= : -1.1410690562351E-12
y0= : -4.1995441662353E-12
*****
i=32055
k(32055)=0.99996155549619
kQ(32055)=0.99992311247036
r1= : 4.3524224135187E-12
rpunto1: = 2628742.1764499
rduepunti0 : = -1.1478613671183E+25
fil : = 488.25250473832
fipunto1 : = 6.5847612575783E+17
fi_gradi : = 27974.807858197
t1 : = 1.080920226095E-14
tpunto1 : = 1.0004432843883
tduepunti0 : = -7.8391961140511E+14
v=v_elettrone : = 3890099.5086486
x0= : -1.1408255468034E-12
y0= : -4.1999301177817E-12
*****
i=32056
k(32056)=0.99996159485713
kQ(32056)=0.99992319118922
r1= : 4.3527307089663E-12
rpunto1: = 2627396.1546833
rduepunti0 : = -1.1477121106761E+25
fil : = 488.25258196354
fipunto1 : = 6.5838284198498E+17
fi_gradi : = 27974.812282876
t1 : = 1.0809202378281E-14
tpunto1 : = 1.0004431925113
tduepunti0 : = -7.8340720224342E+14
v=v_elettrone : = 3889039.697861
x0= : -1.140581989193E-12
y0= : -4.2003158918859E-12
```

```
*****
i=32057
k(32057)=0.9999616341928
kQ(32057)=0.99992326985754
r1= : 4.3530388465542E-12
rpunto1: = 2626050.3078393
rduepunti0 : = -1.1475629594831E+25
fil : = 488.25265917782
fipunto1 : = 6.5828962578834E+17
fi_gradi : = 27974.816706928
t1 : = 1.0809202495612E-14
tpunto1 : = 1.0004431006944
tduepunti0 : = -7.8289503959221E+14
v=v_elettrone : = 3887980.2903296
x0= : -1.1403383834241E-12
y0= : -4.2007014885693E-12
*****
i=32058
k(32058)=0.99996167350321
kQ(32058)=0.99992334847534
r1= : 4.3533468263029E-12
rpunto1: = 2624704.6357945
rduepunti0 : = -1.1474139134776E+25
fil : = 488.25273638116
fipunto1 : = 6.5819647712568E+17
fi_gradi : = 27974.821130354
t1 : = 1.0809202612942E-14
tpunto1 : = 1.0004430089375
tduepunti0 : = -7.8238312321845E+14
v=v_elettrone : = 3886921.2861777
x0= : -1.1400947295173E-12
y0= : -4.2010869078533E-12
*****
i=32059
k(32059)=0.99996171278837
kQ(32059)=0.99992342704265
r1= : 4.353654648233E-12
rpunto1: = 2623359.1384255
rduepunti0 : = -1.1472649725982E+25
fil : = 488.25281357359
fipunto1 : = 6.5810339595478E+17
fi_gradi : = 27974.825553154
t1 : = 1.0809202730273E-14
tpunto1 : = 1.0004429172406
tduepunti0 : = -7.8187145288936E+14
v=v_elettrone : = 3885862.6870995
x0= : -1.1398510274932E-12
y0= : -4.2014721497595E-12
*****
i=32060
k(32060)=0.99996175204829
kQ(32060)=0.99992350555949
r1= : 4.3539623123649E-12
rpunto1: = 2622013.8156093
rduepunti0 : = -1.1471161367832E+25
fil : = 488.25289075509
fipunto1 : = 6.5801038223349E+17
fi_gradi : = 27974.829975329
t1 : = 1.0809202847604E-14
tpunto1 : = 1.0004428256038
tduepunti0 : = -7.8136002837236E+14
v=v_elettrone : = 3884804.4916731
x0= : -1.1396072773722E-12
y0= : -4.201857214309E-12
```

```
*****
i=32061
k(32061)=0.99996179128299
kQ(32061)=0.99992358402588
r1= : 4.3542698187191E-12
rpunto1 : = 2620668.6672227
rduepunti0 : = -1.1469674059714E+25
fil : = 488.25296792569
fipunto1 : = 6.579174359197E+17
fi_gradi : = 27974.834396878
t1 : = 1.0809202964934E-14
tpunto1 : = 1.0004427340268
tduepunti0 : = -7.8084884943512E+14
v=v_elettrone : = 3883746.7000268
x0= : -1.1393634791748E-12
y0= : -4.2022421015235E-12
*****
i=32062
k(32062)=0.99996183049247
kQ(32062)=0.99992366244184
r1= : 4.354577167316E-12
rpunto1 : = 2619323.6931425
rduepunti0 : = -1.1468187801014E+25
fil : = 488.25304508539
fipunto1 : = 6.5782455697133E+17
fi_gradi : = 27974.838817803
t1 : = 1.0809203082265E-14
tpunto1 : = 1.0004426425098
tduepunti0 : = -7.8033791584554E+14
v=v_elettrone : = 3882689.3123053
x0= : -1.1391196329215E-12
y0= : -4.2026268114241E-12
*****
i=32063
k(32063)=0.99996186967674
kQ(32063)=0.99992374080741
r1= : 4.3548843581762E-12
rpunto1 : = 2617978.8932458
rduepunti0 : = -1.1466702591118E+25
fil : = 488.25312223419
fipunto1 : = 6.5773174534636E+17
fi_gradi : = 27974.843238104
t1 : = 1.0809203199595E-14
tpunto1 : = 1.0004425510527
tduepunti0 : = -7.7982722737173E+14
v=v_elettrone : = 3881632.3301758
x0= : -1.1388757386328E-12
y0= : -4.2030113440322E-12
*****
i=32064
k(32064)=0.99996190883583
kQ(32064)=0.99992381912259
r1= : 4.3551913913199E-12
rpunto1 : = 2616634.2674096
rduepunti0 : = -1.1465218429414E+25
fil : = 488.25319937211
fipunto1 : = 6.5763900100281E+17
fi_gradi : = 27974.847657782
t1 : = 1.0809203316926E-14
tpunto1 : = 1.0004424596555
tduepunti0 : = -7.7931678378205E+14
v=v_elettrone : = 3880575.7506831
x0= : -1.1386317963289E-12
y0= : -4.2033956993693E-12
```



```
*****
i=32065
k(32065)=0.99996194796973
kQ(32065)=0.99992389738741
r1= : 4.3554982667677E-12
rpunto1 : = 2615289.8155111
rduepunti0 : = -1.1463735315291E+25
fil : = 488.25327649915
fipunto1 : = 6.5754632389873E+17
fi_gradi : = 27974.852076836
t1 : = 1.0809203434257E-14
tpunto1 : = 1.000442368318
tduepunti0 : = -7.7880658484509E+14
v=v_elettrone : = 3879519.5755063
x0= : -1.1383878060304E-12
y0= : -4.2037798774565E-12
*****
i=32066
k(32066)=0.99996198707846
kQ(32066)=0.99992397560191
r1= : 4.35580498454E-12
rpunto1 : = 2613945.5374276
rduepunti0 : = -1.1462253248138E+25
fil : = 488.25335361533
fipunto1 : = 6.5745371399223E+17
fi_gradi : = 27974.856495267
t1 : = 1.0809203551587E-14
tpunto1 : = 1.0004422770404
tduepunti0 : = -7.7829663032964E+14
v=v_elettrone : = 3878463.8032188
x0= : -1.1381437677578E-12
y0= : -4.2041638783153E-12
*****
i=32067
k(32067)=0.99996202616204
kQ(32067)=0.99992405376609
r1= : 4.3561115446571E-12
rpunto1 : = 2612601.4330362
rduepunti0 : = -1.1460772227344E+25
fil : = 488.25343072064
fipunto1 : = 6.5736117124147E+17
fi_gradi : = 27974.860913076
t1 : = 1.0809203668918E-14
tpunto1 : = 1.0004421858226
tduepunti0 : = -7.7778692000477E+14
v=v_elettrone : = 3877408.4370693
x0= : -1.1378996815316E-12
y0= : -4.2045477019667E-12
*****
i=32068
k(32068)=0.99996206522047
kQ(32068)=0.99992413187998
r1= : 4.3564179471393E-12
rpunto1 : = 2611257.5022143
rduepunti0 : = -1.1459292252299E+25
fil : = 488.2535078151
fipunto1 : = 6.5726869560463E+17
fi_gradi : = 27974.865330263
t1 : = 1.0809203786248E-14
tpunto1 : = 1.0004420946645
tduepunti0 : = -7.7727745363972E+14
v=v_elettrone : = 3876353.4725211
x0= : -1.137655547372E-12
y0= : -4.2049313484323E-12
```

```
*****
i=32069
k(32069)=0.99996210425376
kQ(32069)=0.9999242099436
r1= : 4.3567241920071E-12
rpunto1: = 2609913.7448394
rduepunti0 : = -1.1457813322394E+25
fil : = 488.25358489871
fipunto1 : = 6.5717628703996E+17
fi_gradi : = 27974.869746829
t1 : = 1.0809203903579E-14
tpunto1 : = 1.0004420035661
tduepunti0 : = -7.76768231004E+14
v=v_elettrone : = 3875298.9143884
x0= : -1.1374113652996E-12
y0= : -4.205314817733E-12
*****
i=32070
k(32070)=0.99996214326193
kQ(32070)=0.99992428795699
r1= : 4.3570302792808E-12
rpunto1: = 2608570.160789
rduepunti0 : = -1.1456335437021E+25
fil : = 488.25366197149
fipunto1 : = 6.5708394550574E+17
fi_gradi : = 27974.874162774
t1 : = 1.0809204020909E-14
tpunto1 : = 1.0004419125275
tduepunti0 : = -7.7625925186732E+14
v=v_elettrone : = 3874244.7581198
x0= : -1.1371671353346E-12
y0= : -4.2056981098903E-12
*****
i=32071
k(32071)=0.99996218224498
kQ(32071)=0.99992436592015
r1= : 4.3573362089808E-12
rpunto1: = 2607226.7499406
rduepunti0 : = -1.1454858595571E+25
fil : = 488.25373903344
fipunto1 : = 6.5699167096028E+17
fi_gradi : = 27974.878578098
t1 : = 1.080920413824E-14
tpunto1 : = 1.0004418215485
tduepunti0 : = -7.7575051599964E+14
v=v_elettrone : = 3873191.0069609
x0= : -1.1369228574976E-12
y0= : -4.2060812249254E-12
*****
i=32072
k(32072)=0.99996222120294
kQ(32072)=0.99992444383311
r1= : 4.3576419811272E-12
rpunto1: = 2605883.5121719
rduepunti0 : = -1.1453382797437E+25
fil : = 488.25381608456
fipunto1 : = 6.5689946336197E+17
fi_gradi : = 27974.882992802
t1 : = 1.080920425557E-14
tpunto1 : = 1.0004417306291
tduepunti0 : = -7.7524202317113E+14
v=v_elettrone : = 3872137.6610683
x0= : -1.1366785318088E-12
y0= : -4.2064641628593E-12
```

```
*****
i=32073
k(32073)=0.9999622601358
kQ(32073)=0.9999245216959
r1= : 4.3579475957405E-12
rpunto1 : = 2604540.4473606
rduepunti0 : = -1.1451908042012E+25
fil : = 488.25389312487
fipunto1 : = 6.5680732266922E+17
fi_gradi : = 27974.887406887
t1 : = 1.0809204372901E-14
tpunto1 : = 1.0004416397693
tduepunti0 : = -7.7473377315219E+14
v=v_elettrone : = 3871084.7174323
x0= : -1.1364341582884E-12
y0= : -4.2068469237135E-12
*****
i=32074
k(32074)=0.99996229904359
kQ(32074)=0.99992459950854
r1= : 4.3582530528409E-12
rpunto1 : = 2603197.5553844
rduepunti0 : = -1.1450434328691E+25
fil : = 488.25397015438
fipunto1 : = 6.5671524884047E+17
fi_gradi : = 27974.891820352
t1 : = 1.0809204490231E-14
tpunto1 : = 1.0004415489691
tduepunti0 : = -7.7422576571346E+14
v=v_elettrone : = 3870032.1777636
x0= : -1.136189736957E-12
y0= : -4.2072295075089E-12
*****
i=32075
k(32075)=0.99996233792631
kQ(32075)=0.99992467727104
r1= : 4.3585583524487E-12
rpunto1 : = 2601854.8361213
rduepunti0 : = -1.1448961656867E+25
fil : = 488.25404717308
fipunto1 : = 6.5662324183424E+17
fi_gradi : = 27974.896233199
t1 : = 1.0809204607562E-14
tpunto1 : = 1.0004414582285
tduepunti0 : = -7.7371800062578E+14
v=v_elettrone : = 3868980.0437523
x0= : -1.135945267835E-12
y0= : -4.2076119142668E-12
*****
i=32076
k(32076)=0.99996237678397
kQ(32076)=0.99992475498344
r1= : 4.3588634945841E-12
rpunto1 : = 2600512.2894491
rduepunti0 : = -1.1447490025935E+25
fil : = 488.254124181
fipunto1 : = 6.5653130160907E+17
fi_gradi : = 27974.900645428
t1 : = 1.0809204724892E-14
tpunto1 : = 1.0004413675474
tduepunti0 : = -7.7321047766023E+14
v=v_elettrone : = 3867928.3123999
x0= : -1.1357007509424E-12
y0= : -4.2079941440084E-12
```

```

*****
i=32077
k(32077)=0.99996241561658
kQ(32077)=0.99992483264575
r1= : 4.3591684792674E-12
rpunto1: = 2599169.9152459
rduepunti0 : = -1.1446019435292E+25
fil : = 488.25420117813
fipunto1 : = 6.5643942812354E+17
fi_gradi : = 27974.905057038
t1 : = 1.0809204842223E-14
tpunto1 : = 1.0004412769258
tduepunti0 : = -7.7270319658813E+14
v=v_elettrone : = 3866876.9854258
x0= : -1.1354561862998E-12
y0= : -4.2083761967547E-12
*****
i=32078
k(32078)=0.99996245442417
kQ(32078)=0.999924910258
r1= : 4.3594733065188E-12
rpunto1: = 2597827.7133897
rduepunti0 : = -1.1444549884334E+25
fil : = 488.25427816449
fipunto1 : = 6.5634762133628E+17
fi_gradi : = 27974.909468032
t1 : = 1.0809204959553E-14
tpunto1 : = 1.0004411863636
tduepunti0 : = -7.72196157181E+14
v=v_elettrone : = 3865826.06294
x0= : -1.1352115739274E-12
y0= : -4.2087580725268E-12
*****
i=32079
k(32079)=0.99996249320673
kQ(32079)=0.99992498782021
r1= : 4.3597779763585E-12
rpunto1: = 2596485.6837587
rduepunti0 : = -1.1443081372457E+25
fil : = 488.25435514008
fipunto1 : = 6.5625588120598E+17
fi_gradi : = 27974.913878408
t1 : = 1.0809205076884E-14
tpunto1 : = 1.0004410958609
tduepunti0 : = -7.7168935921059E+14
v=v_elettrone : = 3864775.543522
x0= : -1.1349669138454E-12
y0= : -4.2091397713459E-12
*****
i=32080
k(32080)=0.99996253196428
kQ(32080)=0.99992506533241
r1= : 4.3600824888068E-12
rpunto1: = 2595143.826231
rduepunti0 : = -1.1441613899059E+25
fil : = 488.25443210491
fipunto1 : = 6.5616420769135E+17
fi_gradi : = 27974.918288168
t1 : = 1.0809205194214E-14
tpunto1 : = 1.0004410054176
tduepunti0 : = -7.7118280244889E+14
v=v_elettrone : = 3863725.428882
x0= : -1.1347222060744E-12
y0= : -4.2095212932331E-12

```

```
*****
i=32081
k(32081)=0.99996257069683
kQ(32081)=0.9999251427946
r1= : 4.3603868438837E-12
rpunto1 : = 2593802.1406849
rduepunti0 : = -1.1440147463538E+25
fil : = 488.25450905899
fipunto1 : = 6.5607260075114E+17
fi_gradi : = 27974.922697312
t1 : = 1.0809205311544E-14
tpunto1 : = 1.0004409150336
tduepunti0 : = -7.7067648666809E+14
v=v_elettrone : = 3862675.7175732
x0= : -1.1344774506343E-12
y0= : -4.2099026382093E-12
*****
i=32082
k(32082)=0.99996260940439
kQ(32082)=0.99992522020683
r1= : 4.3606910416095E-12
rpunto1 : = 2592460.6269989
rduepunti0 : = -1.1438682065293E+25
fil : = 488.25458600233
fipunto1 : = 6.5598106034417E+17
fi_gradi : = 27974.927105841
t1 : = 1.0809205428875E-14
tpunto1 : = 1.0004408247091
tduepunti0 : = -7.7017041164063E+14
v=v_elettrone : = 3861626.4097353
x0= : -1.1342326475457E-12
y0= : -4.2102838062957E-12
*****
i=32083
k(32083)=0.99996264808697
kQ(32083)=0.9999252975691
r1= : 4.3609950820044E-12
rpunto1 : = 2591119.2850512
rduepunti0 : = -1.1437217703723E+25
fil : = 488.25466293493
fipunto1 : = 6.5588958642928E+17
fi_gradi : = 27974.931513754
t1 : = 1.0809205546205E-14
tpunto1 : = 1.0004407344438
tduepunti0 : = -7.6966457713916E+14
v=v_elettrone : = 3860577.5070837
x0= : -1.1339877968288E-12
y0= : -4.2106647975132E-12
*****
i=32084
k(32084)=0.99996268674458
kQ(32084)=0.99992537488145
r1= : 4.3612989650884E-12
rpunto1 : = 2589778.1147205
rduepunti0 : = -1.1435754378228E+25
fil : = 488.25473985681
fipunto1 : = 6.5579817896536E+17
fi_gradi : = 27974.935921053
t1 : = 1.0809205663536E-14
tpunto1 : = 1.0004406442379
tduepunti0 : = -7.6915898293654E+14
v=v_elettrone : = 3859529.0081616
x0= : -1.1337428985037E-12
y0= : -4.211045611883E-12
```

```
*****
i=32085
k(32085)=0.99996272537725
kQ(32085)=0.99992545214389
r1= : 4.3616026908817E-12
rpunto1 : = 2588437.1158852
rduepunti0 : = -1.1434292088209E+25
fil : = 488.25481676796
fipunto1 : = 6.5570683791135E+17
fi_gradi : = 27974.940327737
t1 : = 1.0809205780866E-14
tpunto1 : = 1.0004405540912
tduepunti0 : = -7.6865362880588E+14
v=v_elettrone : = 3858480.9146836
x0= : -1.1334979525907E-12
y0= : -4.2114262494259E-12
*****
i=32086
k(32086)=0.99996276398496
kQ(32086)=0.99992552935644
r1= : 4.3619062594044E-12
rpunto1 : = 2587096.288424
rduepunti0 : = -1.1432830833066E+25
fil : = 488.2548936684
fipunto1 : = 6.5561556322623E+17
fi_gradi : = 27974.944733808
t1 : = 1.0809205898196E-14
tpunto1 : = 1.0004404640037
tduepunti0 : = -7.6814851452049E+14
v=v_elettrone : = 3857433.2236564
x0= : -1.1332529591098E-12
y0= : -4.2118067101632E-12
*****
i=32087
k(32087)=0.99996280256775
kQ(32087)=0.99992560651914
r1= : 4.3622096706767E-12
rpunto1 : = 2585755.6322156
rduepunti0 : = -1.1431370612203E+25
fil : = 488.25497055814
fipunto1 : = 6.5552435486901E+17
fi_gradi : = 27974.949139266
t1 : = 1.0809206015527E-14
tpunto1 : = 1.0004403739755
tduepunti0 : = -7.6764363985392E+14
v=v_elettrone : = 3856385.9367801
x0= : -1.1330079180815E-12
y0= : -4.2121869941155E-12
*****
i=32088
k(32088)=0.99996284112561
kQ(32088)=0.999925683632
r1= : 4.3625129247185E-12
rpunto1 : = 2584415.1471388
rduepunti0 : = -1.142991142502E+25
fil : = 488.25504743718
fipunto1 : = 6.5543321279876E+17
fi_gradi : = 27974.95354411
t1 : = 1.0809206132857E-14
tpunto1 : = 1.0004402840064
tduepunti0 : = -7.6713900457993E+14
v=v_elettrone : = 3855339.054189
x0= : -1.132762829526E-12
y0= : -4.2125671013041E-12
```

```
*****
i=32089
k(32089)=0.99996287965856
kQ(32089)=0.99992576069504
r1= : 4.36281602155E-12
rpunto1: = 2583074.8330724
rduepunti0 : = -1.1428453270921E+25
fil : = 488.25512430553
fipunto1 : = 6.5534213697458E+17
fi_gradi : = 27974.957948342
t1 : = 1.0809206250187E-14
tpunto1 : = 1.0004401940965
tduepunti0 : = -7.666346084725E+14
v=v_elettrone : = 3854292.5759981
x0= : -1.1325176934633E-12
y0= : -4.2129470317497E-12
*****
i=32090
k(32090)=0.99996291816661
kQ(32090)=0.99992583770828
r1= : 4.3631189611912E-12
rpunto1: = 2581734.6898953
rduepunti0 : = -1.1426996149309E+25
fil : = 488.2552011632
fipunto1 : = 6.5525112735563E+17
fi_gradi : = 27974.962351962
t1 : = 1.0809206367518E-14
tpunto1 : = 1.0004401042457
tduepunti0 : = -7.6613045130585E+14
v=v_elettrone : = 3853246.5008134
x0= : -1.1322725099137E-12
y0= : -4.2133267854733E-12
*****
i=32091
k(32091)=0.99996295664977
kQ(32091)=0.99992591467176
r1= : 4.3634217436621E-12
rpunto1: = 2580394.7174865
rduepunti0 : = -1.1425540059589E+25
fil : = 488.25527801019
fipunto1 : = 6.551601839011E+17
fi_gradi : = 27974.966754971
t1 : = 1.0809206484848E-14
tpunto1 : = 1.000440014454
tduepunti0 : = -7.6562653285439E+14
v=v_elettrone : = 3852200.8303074
x0= : -1.1320272788975E-12
y0= : -4.2137063624958E-12
*****
i=32092
k(32092)=0.99996299510806
kQ(32092)=0.99992599158548
r1= : 4.3637243689829E-12
rpunto1: = 2579054.9157251
rduepunti0 : = -1.1424085001165E+25
fil : = 488.25535484652
fipunto1 : = 6.5506930657021E+17
fi_gradi : = 27974.971157368
t1 : = 1.0809206602178E-14
tpunto1 : = 1.0004399247214
tduepunti0 : = -7.6512285289278E+14
v=v_elettrone : = 3851155.5630704
x0= : -1.1317820004347E-12
y0= : -4.2140857628382E-12
```

```
*****
i=32093
k(32093)=0.99996303354148
kQ(32093)=0.99992606844948
r1= : 4.3640268371734E-12
rpunto1: = 2577715.2844901
rduepunti0 : = -1.1422630973443E+25
fil : = 488.2554316722
fipunto1 : = 6.5497849532226E+17
fi_gradi : = 27974.975559155
t1 : = 1.0809206719509E-14
tpunto1 : = 1.0004398350479
tduepunti0 : = -7.6461941119589E+14
v=v_elettrone : = 3850110.7007784
x0= : -1.1315366745456E-12
y0= : -4.2144649865212E-12
*****
i=32094
k(32094)=0.99996307195005
kQ(32094)=0.99992614526377
r1= : 4.3643291482538E-12
rpunto1: = 2576375.8236608
rduepunti0 : = -1.1421177975828E+25
fil : = 488.25550848722
fipunto1 : = 6.5488775011655E+17
fi_gradi : = 27974.979960332
t1 : = 1.0809206836839E-14
tpunto1 : = 1.0004397454333
tduepunti0 : = -7.6411620753881E+14
v=v_elettrone : = 3849066.2435922
x0= : -1.1312913012502E-12
y0= : -4.2148440335658E-12
*****
i=32095
k(32095)=0.99996311033377
kQ(32095)=0.99992622202838
r1= : 4.3646313022439E-12
rpunto1: = 2575036.5331164
rduepunti0 : = -1.1419726007728E+25
fil : = 488.2555852916
fipunto1 : = 6.5479707091245E+17
fi_gradi : = 27974.984360898
t1 : = 1.0809206954169E-14
tpunto1 : = 1.0004396558778
tduepunti0 : = -7.6361324169685E+14
v=v_elettrone : = 3848022.1884961
x0= : -1.1310458805686E-12
y0= : -4.2152229039929E-12
*****
i=32096
k(32096)=0.99996314869265
kQ(32096)=0.99992629874333
r1= : 4.3649332991638E-12
rpunto1: = 2573697.4127362
rduepunti0 : = -1.1418275068549E+25
fil : = 488.25566208534
fipunto1 : = 6.5470645766938E+17
fi_gradi : = 27974.988760856
t1 : = 1.0809207071499E-14
tpunto1 : = 1.0004395663811
tduepunti0 : = -7.6311051344553E+14
v=v_elettrone : = 3846978.5387798
x0= : -1.130800412521E-12
y0= : -4.2156015978232E-12
```



```
*****
i=32097
k(32097)=0.99996318702672
kQ(32097)=0.99992637540864
r1= : 4.3652351390334E-12
rpunto1: = 2572358.4623997
rduepunti0 : = -1.14168251577E+25
fil : = 488.25573886846
fipunto1 : = 6.5461591034677E+17
fi_gradi : = 27974.993160204
t1 : = 1.080920718883E-14
tpunto1 : = 1.0004394769435
tduepunti0 : = -7.626080225606E+14
v=v_elettrone : = 3845935.2929861
x0= : -1.1305548971275E-12
y0= : -4.2159801150776E-12
*****
i=32098
k(32098)=0.99996322533598
kQ(32098)=0.99992645202433
r1= : 4.3655368218726E-12
rpunto1: = 2571019.6819864
rduepunti0 : = -1.1415376274587E+25
fil : = 488.25581564096
fipunto1 : = 6.5452542890411E+17
fi_gradi : = 27974.997558945
t1 : = 1.080920730616E-14
tpunto1 : = 1.0004393875647
tduepunti0 : = -7.6210576881804E+14
v=v_elettrone : = 3844892.4496974
x0= : -1.1303093344082E-12
y0= : -4.2163584557769E-12
*****
i=32099
k(32099)=0.99996326362043
kQ(32099)=0.99992652859042
r1= : 4.3658383477015E-12
rpunto1: = 2569681.0713756
rduepunti0 : = -1.1413928418622E+25
fil : = 488.25589240285
fipunto1 : = 6.5443501330095E+17
fi_gradi : = 27975.001957077
t1 : = 1.080920742349E-14
tpunto1 : = 1.0004392982448
tduepunti0 : = -7.6160375199403E+14
v=v_elettrone : = 3843850.0121899
x0= : -1.1300637243833E-12
y0= : -4.2167366199419E-12
*****
i=32100
k(32100)=0.9999633018801
kQ(32100)=0.99992660510695
r1= : 4.3661397165398E-12
rpunto1: = 2568342.6304472
rduepunti0 : = -1.1412481589212E+25
fil : = 488.25596915413
fipunto1 : = 6.5434466349685E+17
fi_gradi : = 27975.006354601
t1 : = 1.080920754082E-14
tpunto1 : = 1.0004392089838
tduepunti0 : = -7.6110197186497E+14
v=v_elettrone : = 3842807.9790194
x0= : -1.1298180670728E-12
y0= : -4.2171146075933E-12
```

```
*****
i=32101
k(32101)=0.99996334011499
kQ(32101)=0.99992668157392
r1= : 4.3664409284075E-12
rpunto1: = 2567004.3590807
rduepunti0 : = -1.1411035785768E+25
fil : = 488.25604589482
fipunto1 : = 6.5425437945143E+17
fi_gradi : = 27975.010751519
t1 : = 1.0809207658151E-14
tpunto1 : = 1.0004391197815
tduepunti0 : = -7.6060042820749E+14
v=v_elettrone : = 3841766.3487641
x0= : -1.1295723624966E-12
y0= : -4.2174924187519E-12
*****
i=32102
k(32102)=0.99996337832511
kQ(32102)=0.99992675799137
r1= : 4.3667419833245E-12
rpunto1: = 2565666.2571558
rduepunti0 : = -1.1409591007702E+25
fil : = 488.25612262492
fipunto1 : = 6.5416416112436E+17
fi_gradi : = 27975.01514783
t1 : = 1.0809207775481E-14
tpunto1 : = 1.0004390306381
tduepunti0 : = -7.6009912079843E+14
v=v_elettrone : = 3840725.1231171
x0= : -1.129326610675E-12
y0= : -4.2178700534386E-12
*****
i=32103
k(32103)=0.99996341651048
kQ(32103)=0.9999268343593
r1= : 4.3670428813107E-12
rpunto1: = 2564328.3245525
rduepunti0 : = -1.1408147254423E+25
fil : = 488.25619934443
fipunto1 : = 6.5407400847534E+17
fi_gradi : = 27975.019543534
t1 : = 1.0809207892811E-14
tpunto1 : = 1.0004389415534
tduepunti0 : = -7.5959804941485E+14
v=v_elettrone : = 3839684.302228
x0= : -1.1290808116279E-12
y0= : -4.2182475116739E-12
*****
i=32104
k(32104)=0.9999634546711
kQ(32104)=0.99992691067776
r1= : 4.3673436223859E-12
rpunto1: = 2562990.5611506
rduepunti0 : = -1.1406704525345E+25
fil : = 488.25627605338
fipunto1 : = 6.539839214641E+17
fi_gradi : = 27975.023938633
t1 : = 1.0809208010141E-14
tpunto1 : = 1.0004388525275
tduepunti0 : = -7.5909721383403E+14
v=v_elettrone : = 3838643.8846444
x0= : -1.1288349653754E-12
y0= : -4.2186247934786E-12
```

```
*****
i=32105
k(32105)=0.99996349280699
kQ(32105)=0.99992698694675
r1= : 4.3676442065699E-12
rpunto1: = 2561652.9668299
rduepunti0 : = -1.1405262819879E+25
fil : = 488.25635275176
fipunto1 : = 6.5389390005045E+17
fi_gradi : = 27975.028333127
t1 : = 1.0809208127471E-14
tpunto1 : = 1.0004387635603
tduepunti0 : = -7.5859661383345E+14
v=v_elettrone : = 3837603.8705338
x0= : -1.1285890719376E-12
y0= : -4.2190018988734E-12
*****
i=32106
k(32106)=0.99996353091815
kQ(32106)=0.9999270631663
r1= : 4.3679446338826E-12
rpunto1: = 2560315.5414707
rduepunti0 : = -1.1403822137439E+25
fil : = 488.25642943958
fipunto1 : = 6.538039441942E+17
fi_gradi : = 27975.032727015
t1 : = 1.0809208244801E-14
tpunto1 : = 1.0004386746518
tduepunti0 : = -7.5809624919084E+14
v=v_elettrone : = 3836564.2615725
x0= : -1.1283431313345E-12
y0= : -4.219378827879E-12
*****
i=32107
k(32107)=0.99996356900461
kQ(32107)=0.99992713933643
r1= : 4.3682449043438E-12
rpunto1: = 2558978.2849528
rduepunti0 : = -1.1402382477439E+25
fil : = 488.25650611685
fipunto1 : = 6.5371405385523E+17
fi_gradi : = 27975.037120299
t1 : = 1.0809208362132E-14
tpunto1 : = 1.0004385858019
tduepunti0 : = -7.5759611968411E+14
v=v_elettrone : = 3835525.0563394
x0= : -1.1280971435861E-12
y0= : -4.2197555805161E-12
*****
i=32108
k(32108)=0.99996360706636
kQ(32108)=0.99992721545716
r1= : 4.3685450179734E-12
rpunto1: = 2557641.1971566
rduepunti0 : = -1.1400943839292E+25
fil : = 488.25658278358
fipunto1 : = 6.5362422899345E+17
fi_gradi : = 27975.041512979
t1 : = 1.0809208479462E-14
tpunto1 : = 1.0004384970106
tduepunti0 : = -7.5709622509141E+14
v=v_elettrone : = 3834486.2549634
x0= : -1.1278511087124E-12
y0= : -4.2201321568053E-12
```

```

*****
i=32109
k(32109)=0.99996364510342
kQ(32109)=0.99992729152852
r1= : 4.368844974791E-12
rpunto1 : = 2556304.2779622
rduepunti0 : = -1.1399506222414E+25
fil : = 488.25665943978
fipunto1 : = 6.5353446956882E+17
fi_gradi : = 27975.045905056
t1 : = 1.0809208596792E-14
tpunto1 : = 1.000438408278
tduepunti0 : = -7.5659656519111E+14
v=v_elettrone : = 3833447.8591676
x0= : -1.1276050267334E-12
y0= : -4.2205085567672E-12
*****
i=32110
k(32110)=0.99996368311581
kQ(32110)=0.99992736755053
r1= : 4.3691447748165E-12
rpunto1 : = 2554967.52725
rduepunti0 : = -1.1398069626221E+25
fil : = 488.25673608545
fipunto1 : = 6.5344477554133E+17
fi_gradi : = 27975.050296529
t1 : = 1.0809208714122E-14
tpunto1 : = 1.0004383196039
tduepunti0 : = -7.5609713976177E+14
v=v_elettrone : = 3832409.8659401
x0= : -1.127358897669E-12
y0= : -4.2208847804226E-12
*****
i=32111
k(32111)=0.99996372110352
kQ(32111)=0.9999274435232
r1= : 4.3694444180696E-12
rpunto1 : = 2553630.9449002
rduepunti0 : = -1.1396634050127E+25
fil : = 488.2568127206
fipunto1 : = 6.5335514687103E+17
fi_gradi : = 27975.0546874
t1 : = 1.0809208831452E-14
tpunto1 : = 1.0004382309883
tduepunti0 : = -7.5559794858218E+14
v=v_elettrone : = 3831372.2769665
x0= : -1.1271127215392E-12
y0= : -4.2212608277919E-12
*****
i=32112
k(32112)=0.99996375906658
kQ(32112)=0.99992751944656
r1= : 4.36974390457E-12
rpunto1 : = 2552294.5307933
rduepunti0 : = -1.139519949355E+25
fil : = 488.25688934523
fipunto1 : = 6.5326558351799E+17
fi_gradi : = 27975.059077668
t1 : = 1.0809208948782E-14
tpunto1 : = 1.0004381424313
tduepunti0 : = -7.5509899143136E+14
v=v_elettrone : = 3830335.0939864
x0= : -1.1268664983641E-12
y0= : -4.2216366988958E-12

```

```
*****
i=32113
k(32113)=0.99996379700499
kQ(32113)=0.99992759532064
r1= : 4.3700432343376E-12
rpunto1: = 2550958.2848099
rduepunti0 : = -1.1393765955908E+25
fil : = 488.25696595937
fipunto1 : = 6.5317608544234E+17
fi_gradi : = 27975.063467335
t1 : = 1.0809209066112E-14
tpunto1 : = 1.0004380539328
tduepunti0 : = -7.5460026808852E+14
v=v_elettrone : = 3829298.3139864
x0= : -1.1266202281634E-12
y0= : -4.2220123937549E-12
*****
i=32114
k(32114)=0.99996383491877
kQ(32114)=0.99992767114545
r1= : 4.370342407392E-12
rpunto1: = 2549622.2068304
rduepunti0 : = -1.1392333436617E+25
fil : = 488.25704256301
fipunto1 : = 6.5308665260424E+17
fi_gradi : = 27975.0678564
t1 : = 1.0809209183442E-14
tpunto1 : = 1.0004379654927
tduepunti0 : = -7.541017783331E+14
v=v_elettrone : = 3828261.9370845
x0= : -1.1263739109571E-12
y0= : -4.2223879123897E-12
*****
i=32115
k(32115)=0.99996387280792
kQ(32115)=0.99992774692102
r1= : 4.3706414237529E-12
rpunto1: = 2548286.2967356
rduepunti0 : = -1.1390901935097E+25
fil : = 488.25711915616
fipunto1 : = 6.529972849639E+17
fi_gradi : = 27975.072244864
t1 : = 1.0809209300772E-14
tpunto1 : = 1.0004378771111
tduepunti0 : = -7.5360352194474E+14
v=v_elettrone : = 3827225.9650106
x0= : -1.1261275467654E-12
y0= : -4.2227632548208E-12
*****
i=32116
k(32116)=0.99996391067246
kQ(32116)=0.99992782264736
r1= : 4.37094028344E-12
rpunto1: = 2546950.5544061
rduepunti0 : = -1.1389471450766E+25
fil : = 488.25719573882
fipunto1 : = 6.5290798248156E+17
fi_gradi : = 27975.076632728
t1 : = 1.0809209418102E-14
tpunto1 : = 1.0004377887878
tduepunti0 : = -7.5310549870332E+14
v=v_elettrone : = 3826190.3978915
x0= : -1.1258811356081E-12
y0= : -4.2231384210687E-12
```

```
*****
i=32117
k(32117)=0.9999639485124
kQ(32117)=0.9999278983245
r1= : 4.371238986473E-12
rpunto1 : = 2545614.9797228
rduepunti0 : = -1.1388041983044E+25
fil : = 488.25727231102
fipunto1 : = 6.5281874511752E+17
fi_gradi : = 27975.081019991
t1 : = 1.0809209535432E-14
tpunto1 : = 1.000437700523
tduepunti0 : = -7.526077083889E+14
v=v_elettrone : = 3825155.2342899
x0= : -1.1256346775049E-12
y0= : -4.2235134111539E-12
*****
i=32118
k(32118)=0.99996398632774
kQ(32118)=0.99992797395247
r1= : 4.3715375328716E-12
rpunto1 : = 2544279.5725663
rduepunti0 : = -1.1386613531351E+25
fil : = 488.25734887275
fipunto1 : = 6.527295728321E+17
fi_gradi : = 27975.085406655
t1 : = 1.0809209652762E-14
tpunto1 : = 1.0004376123165
tduepunti0 : = -7.5211015078178E+14
v=v_elettrone : = 3824120.475934
x0= : -1.125388172476E-12
y0= : -4.223888225097E-12
*****
i=32119
k(32119)=0.9999640241185
kQ(32119)=0.99992804953127
r1= : 4.3718359226553E-12
rpunto1 : = 2542944.3328178
rduepunti0 : = -1.1385186095108E+25
fil : = 488.25742542402
fipunto1 : = 6.5264046558569E+17
fi_gradi : = 27975.08979272
t1 : = 1.0809209770092E-14
tpunto1 : = 1.0004375241683
tduepunti0 : = -7.5161282566247E+14
v=v_elettrone : = 3823086.1197877
x0= : -1.125141620541E-12
y0= : -4.2242628629184E-12
*****
i=32120
k(32120)=0.9999640618847
kQ(32120)=0.99992812506094
r1= : 4.3721341558439E-12
rpunto1 : = 2541609.260358
rduepunti0 : = -1.1383759673736E+25
fil : = 488.25750196484
fipunto1 : = 6.5255142333868E+17
fi_gradi : = 27975.094178186
t1 : = 1.0809209887422E-14
tpunto1 : = 1.0004374360785
tduepunti0 : = -7.5111573281167E+14
v=v_elettrone : = 3822052.1691449
x0= : -1.12489502172E-12
y0= : -4.2246373246385E-12
```

```

*****
i=32121
k(32121)=0.99996409962633
kQ(32121)=0.9999282005415
r1= : 4.3724322324569E-12
rpunto1: = 2540274.3550682
rduepunti0 : = -1.1382334266657E+25
fil : = 488.25757849522
fipunto1 : = 6.5246244605155E+17
fi_gradi : = 27975.098563054
t1 : = 1.0809210004752E-14
tpunto1 : = 1.0004373480469
tduepunti0 : = -7.5061887201033E+14
v=v_elettrone : = 3821018.6225842
x0= : -1.1246483760329E-12
y0= : -4.2250116102779E-12
*****
i=32122
k(32122)=0.99996413734342
kQ(32122)=0.99992827597296
r1= : 4.3727301525139E-12
rpunto1: = 2538939.6168293
rduepunti0 : = -1.1380909873294E+25
fil : = 488.25765501516
fipunto1 : = 6.5237353368478E+17
fi_gradi : = 27975.102947323
t1 : = 1.0809210122082E-14
tpunto1 : = 1.0004372600735
tduepunti0 : = -7.5012224303957E+14
v=v_elettrone : = 3819985.480229
x0= : -1.1244016834994E-12
y0= : -4.225385719857E-12
*****
i=32123
k(32123)=0.99996417503596
kQ(32123)=0.99992835135535
r1= : 4.3730279160347E-12
rpunto1: = 2537605.0455226
rduepunti0 : = -1.137948649307E+25
fil : = 488.25773152468
fipunto1 : = 6.5228468619892E+17
fi_gradi : = 27975.107330996
t1 : = 1.0809210239412E-14
tpunto1 : = 1.0004371721584
tduepunti0 : = -7.4962584568076E+14
v=v_elettrone : = 3818952.7437864
x0= : -1.1241549441395E-12
y0= : -4.2257596533962E-12
*****
i=32124
k(32124)=0.99996421270398
kQ(32124)=0.9999284266887
r1= : 4.3733255230386E-12
rpunto1: = 2536270.6410293
rduepunti0 : = -1.1378064125408E+25
fil : = 488.25780802377
fipunto1 : = 6.5219590355454E+17
fi_gradi : = 27975.111714071
t1 : = 1.0809210356742E-14
tpunto1 : = 1.0004370843014
tduepunti0 : = -7.4912967971546E+14
v=v_elettrone : = 3817920.4086854
x0= : -1.1239081579727E-12
y0= : -4.226133410916E-12

```

```

*****
i=32125
k(32125)=0.99996425034749
kQ(32125)=0.99992850197301
r1= : 4.3736229735453E-12
rpunto1: = 2534936.4032308
rduerpunti0 : = -1.1376642769733E+25
fil : = 488.25788451246
fipunto1 : = 6.5210718571226E+17
fi_gradi : = 27975.11609655
t1 : = 1.0809210474072E-14
tpunto1 : = 1.0004369965026
tduerpunti0 : = -7.4863374492544E+14
v=v_elettrone : = 3816888.4797771
x0= : -1.1236613250193E-12
y0= : -4.2265069924367E-12
*****
i=32126
k(32126)=0.99996428796649
kQ(32126)=0.99992857720832
r1= : 4.3739202675744E-12
rpunto1: = 2533602.3320084
rduerpunti0 : = -1.1375222425469E+25
fil : = 488.25796099074
fipunto1 : = 6.5201853263275E+17
fi_gradi : = 27975.120478432
t1 : = 1.0809210591402E-14
tpunto1 : = 1.000436908762
tduerpunti0 : = -7.481380410927E+14
v=v_elettrone : = 3815856.9540424
x0= : -1.1234144452989E-12
y0= : -4.2268803979788E-12
*****
i=32127
k(32127)=0.99996432556099
kQ(32127)=0.99992865239464
r1= : 4.3742174051453E-12
rpunto1: = 2532268.4272435
rduerpunti0 : = -1.1373803092042E+25
fil : = 488.25803745862
fipunto1 : = 6.5192994427671E+17
fi_gradi : = 27975.124859719
t1 : = 1.0809210708732E-14
tpunto1 : = 1.0004368210794
tduerpunti0 : = -7.4764256799944E+14
v=v_elettrone : = 3814825.8332168
x0= : -1.1231675188313E-12
y0= : -4.2272536275625E-12
*****
i=32128
k(32128)=0.99996436313101
kQ(32128)=0.99992872753201
r1= : 4.3745143862776E-12
rpunto1: = 2530934.6888178
rduerpunti0 : = -1.1372384768878E+25
fil : = 488.25811391611
fipunto1 : = 6.5184142060488E+17
fi_gradi : = 27975.129240411
t1 : = 1.0809210826062E-14
tpunto1 : = 1.000436733455
tduerpunti0 : = -7.4714732542806E+14
v=v_elettrone : = 3813795.1174227
x0= : -1.1229205456364E-12
y0= : -4.2276266812082E-12

```



```
*****
i=32129
k(32129)=0.99996440067656
kQ(32129)=0.99992880262042
r1= : 4.3748112109908E-12
rpunto1 : = 2529601.1166127
rduepunti0 : = -1.1370967455403E+25
fil : = 488.25819036322
fipunto1 : = 6.5175296157805E+17
fi_gradi : = 27975.133620508
t1 : = 1.0809210943392E-14
tpunto1 : = 1.0004366458886
tduepunti0 : = -7.4665231316119E+14
v=v_elettrone : = 3812764.8052259
x0= : -1.1226735257338E-12
y0= : -4.2279995589364E-12
*****
i=32130
k(32130)=0.99996443819764
kQ(32130)=0.99992887765992
r1= : 4.3751078793044E-12
rpunto1 : = 2528267.7105099
rduepunti0 : = -1.1369551151045E+25
fil : = 488.25826679995
fipunto1 : = 6.5166456715704E+17
fi_gradi : = 27975.13800001
t1 : = 1.0809211060722E-14
tpunto1 : = 1.0004365583802
tduepunti0 : = -7.4615753098165E+14
v=v_elettrone : = 3811734.8967501
x0= : -1.1224264591434E-12
y0= : -4.2283722607672E-12
*****
i=32131
k(32131)=0.99996447569427
kQ(32131)=0.99992895265052
r1= : 4.3754043912379E-12
rpunto1 : = 2526934.4703912
rduepunti0 : = -1.1368135855231E+25
fil : = 488.25834322632
fipunto1 : = 6.5157623730273E+17
fi_gradi : = 27975.142378918
t1 : = 1.0809211178052E-14
tpunto1 : = 1.0004364709298
tduepunti0 : = -7.4566297867249E+14
v=v_elettrone : = 3810705.3937364
x0= : -1.122179345885E-12
y0= : -4.2287447867211E-12
*****
i=32132
k(32132)=0.99996451316646
kQ(32132)=0.99992902759224
r1= : 4.3757007468107E-12
rpunto1 : = 2525601.3961383
rduepunti0 : = -1.136672156739E+25
fil : = 488.25841964233
fipunto1 : = 6.5148797197602E+17
fi_gradi : = 27975.146757233
t1 : = 1.0809211295382E-14
tpunto1 : = 1.0004363835374
tduepunti0 : = -7.4516865601695E+14
v=v_elettrone : = 3809676.2947302
x0= : -1.1219321859784E-12
y0= : -4.2291171368182E-12
```

```
*****
i=32133
k(32133)=0.99996455061422
kQ(32133)=0.99992910248511
r1= : 4.3759969460423E-12
rpunto1: = 2524268.4876331
rduepunti0 : = -1.136530828695E+25
fil : = 488.25849604799
fipunto1 : = 6.5139977113786E+17
fi_gradi : = 27975.151134955
t1 : = 1.0809211412712E-14
tpunto1 : = 1.0004362962029
tduepunti0 : = -7.446745627985E+14
v=v_elettrone : = 3808647.5998647
x0= : -1.1216849794431E-12
y0= : -4.229489311079E-12
*****
i=32134
k(32134)=0.99996458803757
kQ(32134)=0.99992917732914
r1= : 4.3762929889522E-12
rpunto1: = 2522935.7447575
rduepunti0 : = -1.1363896013341E+25
fil : = 488.25857244331
fipunto1 : = 6.5131163474924E+17
fi_gradi : = 27975.155512084
t1 : = 1.0809211530041E-14
tpunto1 : = 1.0004362089264
tduepunti0 : = -7.4418069880081E+14
v=v_elettrone : = 3807619.3092924
x0= : -1.1214377262992E-12
y0= : -4.2298613095236E-12
*****
i=32135
k(32135)=0.9999646254365
kQ(32135)=0.99992925212436
r1= : 4.3765888755597E-12
rpunto1: = 2521603.1673935
rduepunti0 : = -1.1362484745993E+25
fil : = 488.25864882828
fipunto1 : = 6.5122356277119E+17
fi_gradi : = 27975.159888621
t1 : = 1.0809211647371E-14
tpunto1 : = 1.0004361217077
tduepunti0 : = -7.4368706380775E+14
v=v_elettrone : = 3806591.4231445
x0= : -1.1211904265662E-12
y0= : -4.2302331321723E-12
*****
i=32136
k(32136)=0.99996466281103
kQ(32136)=0.99992932687078
r1= : 4.3768846058843E-12
rpunto1: = 2520270.7554231
rduepunti0 : = -1.1361074484337E+25
fil : = 488.25872520293
fipunto1 : = 6.5113555516478E+17
fi_gradi : = 27975.164264566
t1 : = 1.0809211764701E-14
tpunto1 : = 1.000436034547
tduepunti0 : = -7.431936576034E+14
v=v_elettrone : = 3805563.9415588
x0= : -1.1209430802639E-12
y0= : -4.2306047790453E-12
```

```
*****
i=32137
k(32137)=0.99996470016118
kQ(32137)=0.99992940156844
r1= : 4.3771801799453E-12
rpunto1 : = 2518938.5087285
rduepunti0 : = -1.1359665227803E+25
fil : = 488.25880156726
fipunto1 : = 6.5104761189112E+17
fi_gradi : = 27975.16863992
t1 : = 1.0809211882031E-14
tpunto1 : = 1.000435947444
tduepunti0 : = -7.4270047997206E+14
v=v_elettrone : = 3804536.8630825
x0= : -1.1206956874121E-12
y0= : -4.2309762501629E-12
*****
i=32138
k(32138)=0.99996473748695
kQ(32138)=0.99992947621734
r1= : 4.3774755977622E-12
rpunto1 : = 2517606.4271919
rduepunti0 : = -1.1358256975823E+25
fil : = 488.25887792127
fipunto1 : = 6.5095973291137E+17
fi_gradi : = 27975.173014682
t1 : = 1.0809211999361E-14
tpunto1 : = 1.0004358603989
tduepunti0 : = -7.4220753069824E+14
v=v_elettrone : = 3803510.1910445
x0= : -1.1204482480305E-12
y0= : -4.2313475455452E-12
*****
i=32139
k(32139)=0.99996477478835
kQ(32139)=0.99992955081752
r1= : 4.3777708593543E-12
rpunto1 : = 2516274.5106954
rduepunti0 : = -1.135684972783E+25
fil : = 488.25895426498
fipunto1 : = 6.5087191818672E+17
fi_gradi : = 27975.177388854
t1 : = 1.0809212116691E-14
tpunto1 : = 1.0004357734116
tduepunti0 : = -7.4171480956664E+14
v=v_elettrone : = 3802483.9223943
x0= : -1.1202007621386E-12
y0= : -4.2317186652124E-12
*****
i=32140
k(32140)=0.9999648120654
kQ(32140)=0.99992962536899
r1= : 4.378065964741E-12
rpunto1 : = 2514942.7591215
rduepunti0 : = -1.1355443483257E+25
fil : = 488.25903059839
fipunto1 : = 6.5078416767841E+17
fi_gradi : = 27975.181762437
t1 : = 1.080921223402E-14
tpunto1 : = 1.000435686482
tduepunti0 : = -7.4122231636218E+14
v=v_elettrone : = 3801458.0588777
x0= : -1.1199532297563E-12
y0= : -4.2320896091848E-12
```

```
*****
i=32141
k(32141)=0.9999648493181
kQ(32141)=0.99992969987177
r1= : 4.3783609139416E-12
rpunto1 : = 2513611.1723525
rduepunti0 : = -1.1354038241537E+25
fil : = 488.2591069215
fipunto1 : = 6.5069648134771E+17
fi_gradi : = 27975.186135429
t1 : = 1.080921235135E-14
tpunto1 : = 1.0004355996101
tduepunti0 : = -7.4073005086998E+14
v=v_elettrone : = 3800432.5990143
x0= : -1.119705650903E-12
y0= : -4.2324603774825E-12
*****
i=32142
k(32142)=0.99996488654647
kQ(32142)=0.99992977432589
r1= : 4.3786557069754E-12
rpunto1 : = 2512279.7502709
rduepunti0 : = -1.1352634002104E+25
fil : = 488.25918323434
fipunto1 : = 6.5060885915593E+17
fi_gradi : = 27975.190507832
t1 : = 1.080921246868E-14
tpunto1 : = 1.000435512796
tduepunti0 : = -7.4023801287538E+14
v=v_elettrone : = 3799407.5429848
x0= : -1.1194580255986E-12
y0= : -4.2328309701255E-12
*****
i=32143
k(32143)=0.99996492375051
kQ(32143)=0.99992984873137
r1= : 4.3789503438618E-12
rpunto1 : = 2510948.4927591
rduepunti0 : = -1.1351230764393E+25
fil : = 488.25925953689
fipunto1 : = 6.5052130106442E+17
fi_gradi : = 27975.194879647
t1 : = 1.080921258601E-14
tpunto1 : = 1.0004354260395
tduepunti0 : = -7.3974620216391E+14
v=v_elettrone : = 3798382.892472
x0= : -1.1192103538629E-12
y0= : -4.2332013871341E-12
*****
i=32144
k(32144)=0.99996496093024
kQ(32144)=0.99992992308823
r1= : 4.37924482462E-12
rpunto1 : = 2509617.3996998
rduepunti0 : = -1.1349828527838E+25
fil : = 488.25933582918
fipunto1 : = 6.504338070346E+17
fi_gradi : = 27975.199250873
t1 : = 1.0809212703339E-14
tpunto1 : = 1.0004353393407
tduepunti0 : = -7.3925461852131E+14
v=v_elettrone : = 3797358.646066
x0= : -1.1189626357153E-12
y0= : -4.2335716285284E-12
```

```

*****
i=32145
k(32145)=0.99996499808567
kQ(32145)=0.99992999739648
r1= : 4.3795391492694E-12
rpunto1 : = 2508286.4709757
rduepunti0 : = -1.1348427291877E+25
fil : = 488.25941211121
fipunto1 : = 6.5034637702788E+17
fi_gradi : = 27975.203621511
t1 : = 1.0809212820669E-14
tpunto1 : = 1.0004352526995
tduepunti0 : = -7.3876326173354E+14
v=v_elettrone : = 3796334.8054807
x0= : -1.1187148711756E-12
y0= : -4.2339416943284E-12
*****
i=32146
k(32146)=0.99996503521681
kQ(32146)=0.99993007165615
r1= : 4.3798333178293E-12
rpunto1 : = 2506955.7064694
rduepunti0 : = -1.1347027055943E+25
fil : = 488.25948838298
fipunto1 : = 6.5025901100575E+17
fi_gradi : = 27975.207991562
t1 : = 1.0809212937999E-14
tpunto1 : = 1.0004351661159
tduepunti0 : = -7.3827213158675E+14
v=v_elettrone : = 3795311.3676643
x0= : -1.118467060263E-12
y0= : -4.2343115845542E-12
*****
i=32147
k(32147)=0.99996507232366
kQ(32147)=0.99993014586727
r1= : 4.3801273303188E-12
rpunto1 : = 2505625.1060637
rduepunti0 : = -1.1345627819476E+25
fil : = 488.25956464451
fipunto1 : = 6.5017170892973E+17
fi_gradi : = 27975.212361025
t1 : = 1.0809213055329E-14
tpunto1 : = 1.0004350795899
tduepunti0 : = -7.377812278673E+14
v=v_elettrone : = 3794288.3343653
x0= : -1.1182192029977E-12
y0= : -4.234681299226E-12
*****
i=32148
k(32148)=0.99996510940625
kQ(32148)=0.99993022002985
r1= : 4.3804211867572E-12
rpunto1 : = 2504294.6696414
rduepunti0 : = -1.1344229581912E+25
fil : = 488.2596408958
fipunto1 : = 6.5008447076137E+17
fi_gradi : = 27975.216729902
t1 : = 1.0809213172658E-14
tpunto1 : = 1.0004349931214
tduepunti0 : = -7.3729055036176E+14
v=v_elettrone : = 3793265.7073091
x0= : -1.117971299399E-12
y0= : -4.2350508383637E-12

```

```

*****
i=32149
k(32149)=0.99996514646457
kQ(32149)=0.99993029414391
r1= : 4.3807148871637E-12
rpunto1: = 2502964.3970856
rduepunti0 : = -1.1342832342689E+25
fil : = 488.25971713686
fipunto1 : = 6.4999729646226E+17
fi_gradi : = 27975.221098193
t1 : = 1.0809213289988E-14
tpunto1 : = 1.0004349067105
tduepunti0 : = -7.3680009885691E+14
v=v_elettrone : = 3792243.4834557
x0= : -1.1177233494865E-12
y0= : -4.2354202019875E-12
*****
i=32150
k(32150)=0.99996518349864
kQ(32150)=0.99993036820948
r1= : 4.3810084315577E-12
rpunto1: = 2501634.2882791
rduepunti0 : = -1.1341436101245E+25
fil : = 488.25979336769
fipunto1 : = 6.4991018599405E+17
fi_gradi : = 27975.225465898
t1 : = 1.0809213407318E-14
tpunto1 : = 1.000434820357
tduepunti0 : = -7.3630987313971E+14
v=v_elettrone : = 3791221.6645224
x0= : -1.1174753532798E-12
y0= : -4.2357893901173E-12
*****
i=32151
k(32151)=0.99996522050848
kQ(32151)=0.99993044222657
r1= : 4.3813018199582E-12
rpunto1: = 2500304.3431051
rduepunti0 : = -1.1340040857021E+25
fil : = 488.25986958831
fipunto1 : = 6.4982313931842E+17
fi_gradi : = 27975.229833018
t1 : = 1.0809213524648E-14
tpunto1 : = 1.000434734061
tduepunti0 : = -7.3581987299734E+14
v=v_elettrone : = 3790200.2506683
x0= : -1.1172273107986E-12
y0= : -4.2361584027731E-12
*****
i=32152
k(32152)=0.99996525749408
kQ(32152)=0.99993051619521
r1= : 4.3815950523845E-12
rpunto1: = 2498974.5614466
rduepunti0 : = -1.1338646609455E+25
fil : = 488.25994579871
fipunto1 : = 6.4973615639707E+17
fi_gradi : = 27975.234199553
t1 : = 1.0809213641977E-14
tpunto1 : = 1.0004346478225
tduepunti0 : = -7.353300982172E+14
v=v_elettrone : = 3789179.2404327
x0= : -1.1169792220622E-12
y0= : -4.236527239975E-12

```

```
*****
i=32153
k(32153)=0.99996529445547
kQ(32153)=0.99993059011541
r1= : 4.3818881288557E-12
rpunto1: = 2497644.9431868
rduepunti0 : = -1.1337253357988E+25
fil : = 488.26002199892
fipunto1 : = 6.4964923719177E+17
fi_gradi : = 27975.238565503
t1 : = 1.0809213759307E-14
tpunto1 : = 1.0004345616413
tduepunti0 : = -7.3484054858687E+14
v=v_elettrone : = 3788158.6355454
x0= : -1.1167310870905E-12
y0= : -4.2368959017429E-12
*****
i=32154
k(32154)=0.99996533139265
kQ(32154)=0.99993066398721
r1= : 4.3821810493911E-12
rpunto1: = 2496315.488209
rduepunti0 : = -1.133586110206E+25
fil : = 488.26009818894
fipunto1 : = 6.4956238166431E+17
fi_gradi : = 27975.242930869
t1 : = 1.0809213876637E-14
tpunto1 : = 1.0004344755176
tduepunti0 : = -7.3435122389414E+14
v=v_elettrone : = 3787138.4345626
x0= : -1.1164829059028E-12
y0= : -4.2372643880968E-12
*****
i=32155
k(32155)=0.99996536830563
kQ(32155)=0.99993073781061
r1= : 4.3824738140097E-12
rpunto1: = 2494986.1963964
rduepunti0 : = -1.1334469841114E+25
fil : = 488.26017436876
fipunto1 : = 6.4947558977654E+17
fi_gradi : = 27975.247295652
t1 : = 1.0809213993966E-14
tpunto1 : = 1.0004343894512
tduepunti0 : = -7.3386212392701E+14
v=v_elettrone : = 3786118.6392089
x0= : -1.1162346785188E-12
y0= : -4.2376326990567E-12
*****
i=32156
k(32156)=0.99996540519442
kQ(32156)=0.99993081158565
r1= : 4.3827664227307E-12
rpunto1: = 2493657.0676325
rduepunti0 : = -1.133307957459E+25
fil : = 488.26025053841
fipunto1 : = 6.4938886149032E+17
fi_gradi : = 27975.251659851
t1 : = 1.0809214111296E-14
tpunto1 : = 1.0004343034421
tduepunti0 : = -7.3337324847368E+14
v=v_elettrone : = 3785099.248041
x0= : -1.1159864049579E-12
y0= : -4.2380008346424E-12
```

```
*****
i=32157
k(32157)=0.99996544205904
kQ(32157)=0.99993088531233
r1= : 4.3830588755732E-12
rpunto1: = 2492328.1018006
rduepunti0 : = -1.1331690301932E+25
fil : = 488.26032669789
fipunto1 : = 6.4930219676757E+17
fi_gradi : = 27975.256023468
t1 : = 1.0809214228625E-14
tpunto1 : = 1.0004342174904
tduepunti0 : = -7.3288459732255E+14
v=v_elettrone : = 3784080.2611836
x0= : -1.1157380852397E-12
y0= : -4.2383687948739E-12
*****
i=32158
k(32158)=0.99996547889949
kQ(32158)=0.99993095899069
r1= : 4.3833511725563E-12
rpunto1: = 2490999.2987844
rduepunti0 : = -1.1330302022582E+25
fil : = 488.2604028472
fipunto1 : = 6.4921559557026E+17
fi_gradi : = 27975.260386502
t1 : = 1.0809214345955E-14
tpunto1 : = 1.0004341315959
tduepunti0 : = -7.3239617026222E+14
v=v_elettrone : = 3783061.6787977
x0= : -1.1154897193837E-12
y0= : -4.2387365797712E-12
*****
i=32159
k(32159)=0.99996551571579
kQ(32159)=0.99993103262075
r1= : 4.3836433136992E-12
rpunto1: = 2489670.6584672
rduepunti0 : = -1.1328914735984E+25
fil : = 488.26047898636
fipunto1 : = 6.4912905786038E+17
fi_gradi : = 27975.264748954
t1 : = 1.0809214463285E-14
tpunto1 : = 1.0004340457587
tduepunti0 : = -7.3190796708151E+14
v=v_elettrone : = 3782043.5026088
x0= : -1.1152413074095E-12
y0= : -4.239104189354E-12
*****
i=32160
k(32160)=0.99996555250794
kQ(32160)=0.99993110620251
r1= : 4.3839352990208E-12
rpunto1: = 2488342.1807329
rduepunti0 : = -1.1327528441583E+25
fil : = 488.26055511537
fipunto1 : = 6.4904258359996E+17
fi_gradi : = 27975.269110825
t1 : = 1.0809214580614E-14
tpunto1 : = 1.0004339599787
tduepunti0 : = -7.3141998756941E+14
v=v_elettrone : = 3781025.7295666
x0= : -1.1149928493363E-12
y0= : -4.2394716236423E-12
```



```
*****
i=32161
k(32161)=0.99996558927596
kQ(32161)=0.99993117973602
r1= : 4.3842271285403E-12
rpunto1:= 2487013.8654651
rduepunti0 := -1.1326143138823E+25
fil := 488.26063123423
fipunto1 := 6.4895617275107E+17
fi_gradi := 27975.273472115
t1 := 1.0809214697944E-14
tpunto1 := 1.0004338742559
tduepunti0 := -7.3093223151514E+14
v=v_elettrone := 3780008.3614037
x0= : -1.1147443451839E-12
y0= : -4.239838882656E-12
*****
i=32162
k(32162)=0.99996562601985
kQ(32162)=0.99993125322127
r1= : 4.3845188022768E-12
rpunto1:= 2485685.7125476
rduepunti0 := -1.1324758827149E+25
fil := 488.26070734296
fipunto1 := 6.4886982527584E+17
fi_gradi := 27975.277832824
t1 := 1.0809214815273E-14
tpunto1 := 1.0004337885903
tduepunti0 := -7.3044469870812E+14
v=v_elettrone := 3778991.3982792
x0= : -1.1144957949717E-12
y0= : -4.2402059664148E-12
*****
i=32163
k(32163)=0.99996566273963
kQ(32163)=0.99993132665831
r1= : 4.3848103202492E-12
rpunto1:= 2484357.7218641
rduepunti0 := -1.1323375506007E+25
fil := 488.26078344157
fipunto1 := 6.4878354113642E+17
fi_gradi := 27975.282192953
t1 := 1.0809214932603E-14
tpunto1 := 1.0004337029819
tduepunti0 := -7.2995738893795E+14
v=v_elettrone := 3777974.8403064
x0= : -1.1142471987192E-12
y0= : -4.2405728749386E-12
*****
i=32164
k(32164)=0.99996569943531
kQ(32164)=0.99993140004714
r1= : 4.3851016824766E-12
rpunto1:= 2483029.8932987
rduepunti0 := -1.1321993174844E+25
fil := 488.26085953006
fipunto1 := 6.48697320295E+17
fi_gradi := 27975.286552502
t1 := 1.0809215049933E-14
tpunto1 := 1.0004336174306
tduepunti0 := -7.2947030199446E+14
v=v_elettrone := 3776958.6876517
x0= : -1.1139985564457E-12
y0= : -4.2409396082473E-12
```

```
*****
i=32165
k(32165)=0.99996573610689
kQ(32165)=0.99993147338779
r1= : 4.385392888978E-12
rpunto1 : = 2481702.2267352
rduepunti0 : = -1.1320611833107E+25
fil : = 488.26093560843
fipunto1 : = 6.4861116271382E+17
fi_gradi : = 27975.290911472
t1 : = 1.0809215167262E-14
tpunto1 : = 1.0004335319363
tduepunti0 : = -7.2898343766765E+14
v=v_elettrone : = 3775942.9388456
x0= : -1.1137498681706E-12
y0= : -4.2413061663606E-12
*****
i=32166
k(32166)=0.99996577275439
kQ(32166)=0.99993154668028
r1= : 4.3856839397724E-12
rpunto1 : = 2480374.7220577
rduepunti0 : = -1.1319231480242E+25
fil : = 488.2610116767
fipunto1 : = 6.4852506835514E+17
fi_gradi : = 27975.295269863
t1 : = 1.0809215284592E-14
tpunto1 : = 1.0004334464992
tduepunti0 : = -7.2849679574774E+14
v=v_elettrone : = 3774927.5956377
x0= : -1.1135011339135E-12
y0= : -4.2416725492984E-12
*****
i=32167
k(32167)=0.99996580937782
kQ(32167)=0.99993161992463
r1= : 4.3859748348787E-12
rpunto1 : = 2479047.3791502
rduepunti0 : = -1.1317852115699E+25
fil : = 488.26108773487
fipunto1 : = 6.4843903718129E+17
fi_gradi : = 27975.299627675
t1 : = 1.0809215401921E-14
tpunto1 : = 1.0004333611191
tduepunti0 : = -7.2801037602515E+14
v=v_elettrone : = 3773912.6565647
x0= : -1.1132523536936E-12
y0= : -4.2420387570805E-12
*****
i=32168
k(32168)=0.99996584597718
kQ(32168)=0.99993169312086
r1= : 4.3862655743161E-12
rpunto1 : = 2477720.197897
rduepunti0 : = -1.1316473738926E+25
fil : = 488.26116378296
fipunto1 : = 6.4835306915461E+17
fi_gradi : = 27975.303984909
t1 : = 1.0809215519251E-14
tpunto1 : = 1.000433275796
tduepunti0 : = -7.2752417829049E+14
v=v_elettrone : = 3772898.121759
x0= : -1.1130035275306E-12
y0= : -4.2424047897264E-12
```

```
*****
i=32169
k(32169)=0.9999658825525
kQ(32169)=0.99993176626899
r1= : 4.3865561581033E-12
rpunto1: = 2476393.1781822
rduepunti0 : = -1.1315096349372E+25
fil : = 488.26123982096
fipunto1 : = 6.4826716423749E+17
fi_gradi : = 27975.308341566
t1 : = 1.080921563658E-14
tpunto1 : = 1.0004331905299
tduepunti0 : = -7.2703820233458E+14
v=v_elettrone : = 3771883.9929741
x0= : -1.1127546554439E-12
y0= : -4.2427706472561E-12
*****
i=32170
k(32170)=0.99996591910377
kQ(32170)=0.99993183936905
r1= : 4.3868465862594E-12
rpunto1: = 2475066.3198902
rduepunti0 : = -1.1313719946486E+25
fil : = 488.26131584888
fipunto1 : = 6.4818132239236E+17
fi_gradi : = 27975.312697645
t1 : = 1.080921575391E-14
tpunto1 : = 1.0004331053208
tduepunti0 : = -7.2655244794843E+14
v=v_elettrone : = 3770870.2687559
x0= : -1.1125057374527E-12
y0= : -4.2431363296893E-12
*****
i=32171
k(32171)=0.99996595563101
kQ(32171)=0.99993191242104
r1= : 4.3871368588033E-12
rpunto1: = 2473739.6229052
rduepunti0 : = -1.131234452972E+25
fil : = 488.26139186674
fipunto1 : = 6.480955435817E+17
fi_gradi : = 27975.317053147
t1 : = 1.0809215871239E-14
tpunto1 : = 1.0004330201686
tduepunti0 : = -7.2606691492327E+14
v=v_elettrone : = 3769856.949232
x0= : -1.1122567735765E-12
y0= : -4.2435018370456E-12
*****
i=32172
k(32172)=0.99996599213423
kQ(32172)=0.999931985425
r1= : 4.3874269757539E-12
rpunto1: = 2472413.0871117
rduepunti0 : = -1.1310970098523E+25
fil : = 488.26146787454
fipunto1 : = 6.4800982776801E+17
fi_gradi : = 27975.321408074
t1 : = 1.0809215988569E-14
tpunto1 : = 1.0004329350733
tduepunti0 : = -7.255816030505E+14
v=v_elettrone : = 3768844.034548
x0= : -1.1120077638347E-12
y0= : -4.2438671693447E-12
```

```
*****
i=32173
k(32173)=0.99996602861345
kQ(32173)=0.99993205838095
r1= : 4.3877169371302E-12
rpunto1 : = 2471086.7123942
rduepunti0 : = -1.1309596652348E+25
fil : = 488.26154387228
fipunto1 : = 6.4792417491384E+17
fi_gradi : = 27975.325762424
t1 : = 1.0809216105898E-14
tpunto1 : = 1.000432850035
tduepunti0 : = -7.2509651212173E+14
v=v_elettrone : = 3767831.5248643
x0= : -1.1117587082466E-12
y0= : -4.2442323266065E-12
*****
i=32174
k(32174)=0.99996606506866
kQ(32174)=0.99993213128889
r1= : 4.3880067429509E-12
rpunto1 : = 2469760.4986373
rduepunti0 : = -1.1308224190646E+25
fil : = 488.26161985999
fipunto1 : = 6.4783858498177E+17
fi_gradi : = 27975.330116198
t1 : = 1.0809216223228E-14
tpunto1 : = 1.0004327650535
tduepunti0 : = -7.2461164192877E+14
v=v_elettrone : = 3766819.4202922
x0= : -1.1115096068317E-12
y0= : -4.2445973088504E-12
*****
i=32175
k(32175)=0.99996610149988
kQ(32175)=0.99993220414887
r1= : 4.388296393235E-12
rpunto1 : = 2468434.4457254
rduepunti0 : = -1.130685271287E+25
fil : = 488.26169583765
fipunto1 : = 6.4775305793444E+17
fi_gradi : = 27975.334469398
t1 : = 1.0809216340557E-14
tpunto1 : = 1.0004326801288
tduepunti0 : = -7.2412699226364E+14
v=v_elettrone : = 3765807.7210039
x0= : -1.1112604596091E-12
y0= : -4.2449621160962E-12
*****
i=32176
k(32176)=0.99996613790712
kQ(32176)=0.99993227696089
r1= : 4.3885858880014E-12
rpunto1 : = 2467108.5535433
rduepunti0 : = -1.1305482218473E+25
fil : = 488.26177180528
fipunto1 : = 6.476675937345E+17
fi_gradi : = 27975.338822022
t1 : = 1.0809216457886E-14
tpunto1 : = 1.0004325952609
tduepunti0 : = -7.2364256291853E+14
v=v_elettrone : = 3764796.427117
x0= : -1.1110112665983E-12
y0= : -4.2453267483636E-12
```

```
*****
i=32177
k(32177)=0.9999661742904
kQ(32177)=0.99993234972497
r1= : 4.3888752272689E-12
rpunto1: = 2465782.8219758
rduepunti0 : = -1.1304112706908E+25
fil : = 488.26184776289
fipunto1 : = 6.4758219234466E+17
fi_gradi : = 27975.343174073
t1 : = 1.0809216575216E-14
tpunto1 : = 1.0004325104499
tduepunti0 : = -7.2315835368586E+14
v=v_elettrone : = 3763785.5371876
x0= : -1.1107620278186E-12
y0= : -4.2456912056721E-12
*****
i=32178
k(32178)=0.99996621064971
kQ(32178)=0.99993242244114
r1= : 4.3891644110563E-12
rpunto1: = 2464457.2509076
rduepunti0 : = -1.130274417763E+25
fil : = 488.26192371048
fipunto1 : = 6.4749685372766E+17
fi_gradi : = 27975.347525549
t1 : = 1.0809216692545E-14
tpunto1 : = 1.0004324256956
tduepunti0 : = -7.2267436435823E+14
v=v_elettrone : = 3762775.0529545
x0= : -1.1105127432893E-12
y0= : -4.2460554880414E-12
*****
i=32179
k(32179)=0.99996624698508
kQ(32179)=0.99993249510942
r1= : 4.3894534393824E-12
rpunto1: = 2463131.8402235
rduepunti0 : = -1.1301376630094E+25
fil : = 488.26199964807
fipunto1 : = 6.4741157784628E+17
fi_gradi : = 27975.351876452
t1 : = 1.0809216809875E-14
tpunto1 : = 1.000432340998
tduepunti0 : = -7.2219059472843E+14
v=v_elettrone : = 3761764.9729582
x0= : -1.1102634130297E-12
y0= : -4.2464195954911E-12
*****
i=32180
k(32180)=0.99996628329651
kQ(32180)=0.99993256772983
r1= : 4.3897423122662E-12
rpunto1: = 2461806.5898086
rduepunti0 : = -1.1300010063753E+25
fil : = 488.26207557565
fipunto1 : = 6.4732636466335E+17
fi_gradi : = 27975.356226783
t1 : = 1.0809216927204E-14
tpunto1 : = 1.0004322563571
tduepunti0 : = -7.2170704458946E+14
v=v_elettrone : = 3760755.2989458
x0= : -1.1100140370592E-12
y0= : -4.2467835280407E-12
```

```
*****
i=32181
k(32181)=0.99996631958401
kQ(32181)=0.99993264030238
r1= : 4.3900310297263E-12
rpunto1 : = 2460481.4995478
rduepunti0 : = -1.1298644478066E+25
fil : = 488.26215149324
fipunto1 : = 6.4724121414172E+17
fi_gradi : = 27975.36057654
t1 : = 1.0809217044533E-14
tpunto1 : = 1.000432171773
tduepunti0 : = -7.2122371373451E+14
v=v_elettrone : = 3759746.0294536
x0= : -1.109764615397E-12
y0= : -4.2471472857099E-12
*****
i=32182
k(32182)=0.99996635584759
kQ(32182)=0.99993271282711
r1= : 4.3903195917815E-12
rpunto1 : = 2459156.5693262
rduepunti0 : = -1.1297279872486E+25
fil : = 488.26222740085
fipunto1 : = 6.4715612624429E+17
fi_gradi : = 27975.364925725
t1 : = 1.0809217161863E-14
tpunto1 : = 1.0004320872455
tduepunti0 : = -7.2074060195697E+14
v=v_elettrone : = 3758737.1646207
x0= : -1.1095151480625E-12
y0= : -4.2475108685181E-12
*****
i=32183
k(32183)=0.99996639208726
kQ(32183)=0.99993278530402
r1= : 4.3906079984506E-12
rpunto1 : = 2457831.7990288
rduepunti0 : = -1.1295916246473E+25
fil : = 488.26230329847
fipunto1 : = 6.47071100934E+17
fi_gradi : = 27975.369274339
t1 : = 1.0809217279192E-14
tpunto1 : = 1.0004320027746
tduepunti0 : = -7.2025770905042E+14
v=v_elettrone : = 3757728.7062094
x0= : -1.1092656350749E-12
y0= : -4.2478742764849E-12
*****
i=32184
k(32184)=0.99996642830304
kQ(32184)=0.99993285773314
r1= : 4.3908962497525E-12
rpunto1 : = 2456507.1885409
rduepunti0 : = -1.1294553599483E+25
fil : = 488.26237918612
fipunto1 : = 6.4698613817382E+17
fi_gradi : = 27975.373622381
t1 : = 1.0809217396522E-14
tpunto1 : = 1.0004319183603
tduepunti0 : = -7.1977503480865E+14
v=v_elettrone : = 3756720.6527406
x0= : -1.1090160764535E-12
y0= : -4.2482375096299E-12
```

```
*****
i=32185
k(32185)=0.99996646449493
kQ(32185)=0.99993293011449
r1= : 4.3911843457057E-12
rpunto1: = 2455182.7377477
rduepunti0 : = -1.1293191930973E+25
fil : = 488.26245506381
fipunto1 : = 6.4690123792676E+17
fi_gradi : = 27975.377969853
t1 : = 1.0809217513851E-14
tpunto1 : = 1.0004318340026
tduepunti0 : = -7.1929257902563E+14
v=v_elettrone : = 3755713.0043683
x0= : -1.1087664722174E-12
y0= : -4.2486005679726E-12
*****
i=32186
k(32186)=0.99996650066294
kQ(32186)=0.99993300244809
r1= : 4.3914722863291E-12
rpunto1: = 2453858.4465345
rduepunti0 : = -1.1291831240403E+25
fil : = 488.26253093154
fipunto1 : = 6.4681640015588E+17
fi_gradi : = 27975.382316753
t1 : = 1.080921763118E-14
tpunto1 : = 1.0004317497015
tduepunti0 : = -7.1881034149554E+14
v=v_elettrone : = 3754705.7596213
x0= : -1.1085168223859E-12
y0= : -4.2489634515324E-12
*****
i=32187
k(32187)=0.99996653680709
kQ(32187)=0.99993307473397
r1= : 4.3917600716413E-12
rpunto1: = 2452534.3147867
rduepunti0 : = -1.1290471527232E+25
fil : = 488.26260678933
fipunto1 : = 6.4673162482426E+17
fi_gradi : = 27975.386663084
t1 : = 1.080921774851E-14
tpunto1 : = 1.0004316654569
tduepunti0 : = -7.1832832201273E+14
v=v_elettrone : = 3753698.9218679
x0= : -1.1082671269784E-12
y0= : -4.2493261603288E-12
*****
i=32188
k(32188)=0.99996657292738
kQ(32188)=0.99993314697213
r1= : 4.3920477016611E-12
rpunto1: = 2451210.3423897
rduepunti0 : = -1.1289112790919E+25
fil : = 488.26268263717
fipunto1 : = 6.4664691189505E+17
fi_gradi : = 27975.391008845
t1 : = 1.0809217865839E-14
tpunto1 : = 1.0004315812688
tduepunti0 : = -7.1784652037178E+14
v=v_elettrone : = 3752692.4896376
x0= : -1.1080173860141E-12
y0= : -4.2496886943814E-12
```

```
*****
i=32189
k(32189)=0.99996660902382
kQ(32189)=0.99993321916261
r1= : 4.3923351764071E-12
rpunto1: = 2449886.529229
rduepunti0 : = -1.1287755030925E+25
fil : = 488.26275847507
fipunto1 : = 6.4656226133139E+17
fi_gradi : = 27975.395354037
t1 : = 1.0809217983168E-14
tpunto1 : = 1.0004314971371
tduepunti0 : = -7.1736493636743E+14
v=v_elettrone : = 3751686.46146
x0= : -1.107767599512E-12
y0= : -4.2500510537096E-12
*****
i=32190
k(32190)=0.99996664509643
kQ(32190)=0.99993329130541
r1= : 4.3926224958981E-12
rpunto1: = 2448562.8751902
rduepunti0 : = -1.1286398246709E+25
fil : = 488.26283430305
fipunto1 : = 6.4647767309651E+17
fi_gradi : = 27975.39969866
t1 : = 1.0809218100498E-14
tpunto1 : = 1.000431413062
tduepunti0 : = -7.1688356979464E+14
v=v_elettrone : = 3750680.8390869
x0= : -1.1075177674914E-12
y0= : -4.2504132383327E-12
*****
i=32191
k(32191)=0.99996668114521
kQ(32191)=0.99993336340057
r1= : 4.3929096601526E-12
rpunto1: = 2447239.3801589
rduepunti0 : = -1.1285042437734E+25
fil : = 488.26291012111
fipunto1 : = 6.4639314715363E+17
fi_gradi : = 27975.404042715
t1 : = 1.0809218217827E-14
tpunto1 : = 1.0004313290432
tduepunti0 : = -7.1640242044856E+14
v=v_elettrone : = 3749675.6210655
x0= : -1.1072678899717E-12
y0= : -4.2507752482703E-12
*****
i=32192
k(32192)=0.99996671717018
kQ(32192)=0.9999334354481
r1= : 4.3931966691894E-12
rpunto1: = 2445916.0440208
rduepunti0 : = -1.1283687603461E+25
fil : = 488.26298592925
fipunto1 : = 6.4630868346606E+17
fi_gradi : = 27975.408386202
t1 : = 1.0809218335156E-14
tpunto1 : = 1.0004312450809
tduepunti0 : = -7.1592148812451E+14
v=v_elettrone : = 3748670.8091397
x0= : -1.107017966972E-12
y0= : -4.2511370835417E-12
```



```
*****
i=32193
k(32193)=0.99996675317134
kQ(32193)=0.99993350744803
r1= : 4.393483523027E-12
rpunto1 : = 2444592.8666617
rduepunti0 : = -1.1282333743353E+25
fil : = 488.26306172749
fipunto1 : = 6.462242819971E+17
fi_gradi : = 27975.412729121
t1 : = 1.0809218452485E-14
tpunto1 : = 1.0004311611749
tduepunti0 : = -7.1544077261804E+14
v=v_elettrone : = 3747666.4034553
x0= : -1.1067679985114E-12
y0= : -4.2514987441663E-12
*****
i=32194
k(32194)=0.9999667891487
kQ(32194)=0.99993357940036
r1= : 4.3937702216842E-12
rpunto1 : = 2443269.8479673
rduepunti0 : = -1.1280980856871E+25
fil : = 488.26313751583
fipunto1 : = 6.4613994271011E+17
fi_gradi : = 27975.417071473
t1 : = 1.0809218569815E-14
tpunto1 : = 1.0004310773253
tduepunti0 : = -7.1496027372486E+14
v=v_elettrone : = 3746662.4025485
x0= : -1.106517984609E-12
y0= : -4.2518602301636E-12
*****
i=32195
k(32195)=0.99996682510228
kQ(32195)=0.99993365130513
r1= : 4.3940567651794E-12
rpunto1 : = 2441946.9878235
rduepunti0 : = -1.1279628943481E+25
fil : = 488.26321329427
fipunto1 : = 6.460556655685E+17
fi_gradi : = 27975.421413258
t1 : = 1.0809218687144E-14
tpunto1 : = 1.000430993532
tduepunti0 : = -7.144799912409E+14
v=v_elettrone : = 3745658.8065572
x0= : -1.106267925284E-12
y0= : -4.2522215415529E-12
*****
i=32196
k(32196)=0.99996686103208
kQ(32196)=0.99993372316236
r1= : 4.3943431535313E-12
rpunto1 : = 2440624.2861163
rduepunti0 : = -1.1278278002645E+25
fil : = 488.26328906284
fipunto1 : = 6.459714505357E+17
fi_gradi : = 27975.425754477
t1 : = 1.0809218804473E-14
tpunto1 : = 1.0004309097951
tduepunti0 : = -7.1399992496227E+14
v=v_elettrone : = 3744655.6156321
x0= : -1.1060178205557E-12
y0= : -4.2525826783535E-12
```

```
*****
i=32197
k(32197)=0.99996689693812
kQ(32197)=0.99993379497205
r1= : 4.3946293867585E-12
rpunto1: = 2439301.7427317
rduepunti0 : = -1.1276928033828E+25
fil : = 488.26336482153
fipunto1 : = 6.4588729757518E+17
fi_gradi : = 27975.43009513
t1 : = 1.0809218921802E-14
tpunto1 : = 1.0004308261144
tduepunti0 : = -7.1352007468527E+14
v=v_elettrone : = 3743652.8315182
x0= : -1.1057676704432E-12
y0= : -4.2529436405847E-12
*****
i=32198
k(32198)=0.9999669328204
kQ(32198)=0.99993386673424
r1= : 4.3949154648795E-12
rpunto1: = 2437979.3575558
rduepunti0 : = -1.1275579036496E+25
fil : = 488.26344057035
fipunto1 : = 6.4580320665045E+17
fi_gradi : = 27975.434435217
t1 : = 1.0809219039132E-14
tpunto1 : = 1.0004307424899
tduepunti0 : = -7.130404402064E+14
v=v_elettrone : = 3742650.451147
x0= : -1.1055174749655E-12
y0= : -4.253304428266E-12
*****
i=32199
k(32199)=0.99996696867894
kQ(32199)=0.99993393844894
r1= : 4.3952013879129E-12
rpunto1: = 2436657.1304746
rduepunti0 : = -1.1274231010113E+25
fil : = 488.2635163093
fipunto1 : = 6.4571917772506E+17
fi_gradi : = 27975.43877474
t1 : = 1.0809219156461E-14
tpunto1 : = 1.0004306589217
tduepunti0 : = -7.1256102132235E+14
v=v_elettrone : = 3741648.4778896
x0= : -1.1052672341419E-12
y0= : -4.2536650414166E-12
*****
i=32200
k(32200)=0.99996700451374
kQ(32200)=0.99993401011618
r1= : 4.3954871558773E-12
rpunto1: = 2435335.0613744
rduepunti0 : = -1.1272883954146E+25
fil : = 488.2635920384
fipunto1 : = 6.456352107626E+17
fi_gradi : = 27975.443113698
t1 : = 1.080921927379E-14
tpunto1 : = 1.0004305754097
tduepunti0 : = -7.1208181782999E+14
v=v_elettrone : = 3740646.9086414
x0= : -1.1050169479914E-12
y0= : -4.2540254800558E-12
```

```
*****
i=32201
k(32201)=0.99996704032482
kQ(32201)=0.99993408173597
r1= : 4.3957727687911E-12
rpunto1 : = 2434013.1501414
rduepunti0 : = -1.1271537868061E+25
fil : = 488.26366775766
fipunto1 : = 6.455513057267E+17
fi_gradi : = 27975.447452092
t1 : = 1.0809219391119E-14
tpunto1 : = 1.0004304919538
tduepunti0 : = -7.116028295264E+14
v=v_elettrone : = 3739645.746811
x0= : -1.1047666165333E-12
y0= : -4.2543857442028E-12
*****
i=32202
k(32202)=0.99996707611218
kQ(32202)=0.99993415330834
r1= : 4.3960582266729E-12
rpunto1 : = 2432691.3966619
rduepunti0 : = -1.1270192751326E+25
fil : = 488.26374346707
fipunto1 : = 6.4546746258102E+17
fi_gradi : = 27975.451789921
t1 : = 1.0809219508448E-14
tpunto1 : = 1.0004304085541
tduepunti0 : = -7.1112405620884E+14
v=v_elettrone : = 3738644.9892802
x0= : -1.1045162397863E-12
y0= : -4.254745833877E-12
*****
i=32203
k(32203)=0.99996711187583
kQ(32203)=0.99993422483329
r1= : 4.3963435295412E-12
rpunto1 : = 2431369.8008223
rduepunti0 : = -1.1268848603408E+25
fil : = 488.26381916665
fipunto1 : = 6.4538368128925E+17
fi_gradi : = 27975.456127188
t1 : = 1.0809219625778E-14
tpunto1 : = 1.0004303252105
tduepunti0 : = -7.1064549767476E+14
v=v_elettrone : = 3737644.6362205
x0= : -1.1042658177697E-12
y0= : -4.2551057490977E-12
*****
i=32204
k(32204)=0.99996714761579
kQ(32204)=0.99993429631087
r1= : 4.3966286774145E-12
rpunto1 : = 2430048.3625091
rduepunti0 : = -1.1267505423776E+25
fil : = 488.26389485641
fipunto1 : = 6.4529996181514E+17
fi_gradi : = 27975.460463891
t1 : = 1.0809219743107E-14
tpunto1 : = 1.0004302419231
tduepunti0 : = -7.1016715372181E+14
v=v_elettrone : = 3736644.6909801
x0= : -1.1040153505029E-12
y0= : -4.2554654898839E-12
```

```
*****
i=32205
k(32205)=0.99996718333207
kQ(32205)=0.99993436774107
r1= : 4.3969136703111E-12
rpunto1: = 2428727.0816088
rduepunti0 : = -1.1266163211898E+25
fil : = 488.26397053634
fipunto1 : = 6.4521630412247E+17
fi_gradi : = 27975.464800032
t1 : = 1.0809219860436E-14
tpunto1 : = 1.0004301586917
tduepunti0 : = -7.0968902414784E+14
v=v_elettrone : = 3735645.1504908
x0= : -1.1037648380045E-12
y0= : -4.255825056255E-12
*****
i=32206
k(32206)=0.99996721902467
kQ(32206)=0.99993443912393
r1= : 4.3971985082497E-12
rpunto1: = 2427405.9580078
rduepunti0 : = -1.1264821967243E+25
fil : = 488.26404620647
fipunto1 : = 6.4513270817504E+17
fi_gradi : = 27975.469135611
t1 : = 1.0809219977765E-14
tpunto1 : = 1.0004300755163
tduepunti0 : = -7.0921110875085E+14
v=v_elettrone : = 3734646.0148996
x0= : -1.1035142802937E-12
y0= : -4.2561844482302E-12
*****
i=32207
k(32207)=0.99996725469361
kQ(32207)=0.99993451045947
r1= : 4.3974831912487E-12
rpunto1: = 2426084.991593
rduepunti0 : = -1.1263481689282E+25
fil : = 488.26412186679
fipunto1 : = 6.4504917393671E+17
fi_gradi : = 27975.473470628
t1 : = 1.0809220095094E-14
tpunto1 : = 1.000429992397
tduepunti0 : = -7.0873340732907E+14
v=v_elettrone : = 3733647.2859622
x0= : -1.1032636773896E-12
y0= : -4.2565436658287E-12
*****
i=32208
k(32208)=0.99996729033889
kQ(32208)=0.9999345817477
r1= : 4.3977677193264E-12
rpunto1: = 2424764.1822508
rduepunti0 : = -1.1262142377485E+25
fil : = 488.26419751731
fipunto1 : = 6.4496570137138E+17
fi_gradi : = 27975.477805084
t1 : = 1.0809220212423E-14
tpunto1 : = 1.0004299093336
tduepunti0 : = -7.082559196809E+14
v=v_elettrone : = 3732648.962196
x0= : -1.1030130293113E-12
y0= : -4.2569027090696E-12
```

```
*****
i=32209
k(32209)=0.99996732596052
kQ(32209)=0.99993465298864
r1= : 4.3980520925013E-12
rpunto1 : = 2423443.5298681
rduepunti0 : = -1.1260804031323E+25
fil : = 488.26427315805
fipunto1 : = 6.4488229044296E+17
fi_gradi : = 27975.482138979
t1 : = 1.0809220329752E-14
tpunto1 : = 1.0004298263263
tduepunti0 : = -7.0777864560495E+14
v=v_elettrone : = 3731651.0437652
x0= : -1.1027623360778E-12
y0= : -4.2572615779721E-12
*****
i=32210
k(32210)=0.99996736155853
kQ(32210)=0.99993472418232
r1= : 4.3983363107919E-12
rpunto1 : = 2422123.0343318
rduepunti0 : = -1.1259466650266E+25
fil : = 488.264348789
fipunto1 : = 6.4479894111542E+17
fi_gradi : = 27975.486472313
t1 : = 1.0809220447081E-14
tpunto1 : = 1.0004297433749
tduepunti0 : = -7.0730158489999E+14
v=v_elettrone : = 3730653.5324134
x0= : -1.1025115977081E-12
y0= : -4.2576202725554E-12
*****
i=32211
k(32211)=0.9999673971329
kQ(32211)=0.99993479532875
r1= : 4.3986203742164E-12
rpunto1 : = 2420802.6955286
rduepunti0 : = -1.1258130233788E+25
fil : = 488.26442441018
fipunto1 : = 6.4471565335277E+17
fi_gradi : = 27975.490805088
t1 : = 1.0809220564411E-14
tpunto1 : = 1.0004296604794
tduepunti0 : = -7.06824737365E+14
v=v_elettrone : = 3729656.4266962
x0= : -1.1022608142211E-12
y0= : -4.2579787928386E-12
*****
i=32212
k(32212)=0.99996743268366
kQ(32212)=0.99993486642795
r1= : 4.3989042827934E-12
rpunto1 : = 2419482.5133456
rduepunti0 : = -1.125679478136E+25
fil : = 488.26450002159
fipunto1 : = 6.4463242711904E+17
fi_gradi : = 27975.495137302
t1 : = 1.080922068174E-14
tpunto1 : = 1.0004295776398
tduepunti0 : = -7.0634810279914E+14
v=v_elettrone : = 3728659.7251051
x0= : -1.1020099856359E-12
y0= : -4.2583371388408E-12
```

```
*****
i=32213
k(32213)=0.99996746821082
kQ(32213)=0.99993493747995
r1= : 4.3991880365411E-12
rpunto1 : = 2418162.4876696
rduepunti0 : = -1.1255460292456E+25
fil : = 488.26457562324
fipunto1 : = 6.4454926237831E+17
fi_gradi : = 27975.499468958
t1 : = 1.0809220799069E-14
tpunto1 : = 1.0004294948561
tduepunti0 : = -7.0587168100176E+14
v=v_elettrone : = 3727663.4310556
x0= : -1.1017591119716E-12
y0= : -4.2586953105811E-12
*****
i=32214
k(32214)=0.99996750371438
kQ(32214)=0.99993500848476
r1= : 4.3994716354779E-12
rpunto1 : = 2416842.6183878
rduepunti0 : = -1.1254126766549E+25
fil : = 488.26465121513
fipunto1 : = 6.4446615909469E+17
fi_gradi : = 27975.503800054
t1 : = 1.0809220916398E-14
tpunto1 : = 1.0004294121283
tduepunti0 : = -7.0539547177241E+14
v=v_elettrone : = 3726667.5414279
x0= : -1.101508193247E-12
y0= : -4.2590533080787E-12
*****
i=32215
k(32215)=0.99996753919435
kQ(32215)=0.99993507944241
r1= : 4.3997550796222E-12
rpunto1 : = 2415522.9053874
rduepunti0 : = -1.1252794203113E+25
fil : = 488.26472679728
fipunto1 : = 6.4438311723234E+17
fi_gradi : = 27975.508130592
t1 : = 1.0809221033727E-14
tpunto1 : = 1.0004293294562
tduepunti0 : = -7.0491947491081E+14
v=v_elettrone : = 3725672.0580006
x0= : -1.1012572294812E-12
y0= : -4.2594111313525E-12
*****
i=32216
k(32216)=0.99996757465075
kQ(32216)=0.99993515035291
r1= : 4.4000383689922E-12
rpunto1 : = 2414203.3485554
rduepunti0 : = -1.1251462601623E+25
fil : = 488.26480236969
fipunto1 : = 6.4430013675545E+17
fi_gradi : = 27975.512460572
t1 : = 1.0809221151056E-14
tpunto1 : = 1.00042924684
tduepunti0 : = -7.0444369021688E+14
v=v_elettrone : = 3724676.9809332
x0= : -1.1010062206933E-12
y0= : -4.2597687804217E-12
```

```
*****
i=32217
k(32217)=0.99996761008359
kQ(32217)=0.99993522121628
r1= : 4.4003215036064E-12
rpunto1: = 2412883.9477791
rduepunti0 : = -1.1250131961554E+25
fil : = 488.26487793237
fipunto1 : = 6.4421721762824E+17
fi_gradi : = 27975.516789995
t1 : = 1.0809221268385E-14
tpunto1 : = 1.0004291642795
tduepunti0 : = -7.0396811749072E+14
v=v_elettrone : = 3723682.3103383
x0= : -1.1007551669021E-12
y0= : -4.2601262553054E-12
*****
i=32218
k(32218)=0.99996764549286
kQ(32218)=0.99993529203254
r1= : 4.4006044834829E-12
rpunto1: = 2411564.7029459
rduepunti0 : = -1.1248802282381E+25
fil : = 488.26495348532
fipunto1 : = 6.4413435981498E+17
fi_gradi : = 27975.52111886
t1 : = 1.0809221385714E-14
tpunto1 : = 1.0004290817748
tduepunti0 : = -7.0349275653262E+14
v=v_elettrone : = 3722688.0447704
x0= : -1.1005040681264E-12
y0= : -4.2604835560225E-12
*****
i=32219
k(32219)=0.9999676808786
kQ(32219)=0.99993536280172
r1= : 4.4008873086402E-12
rpunto1: = 2410245.6139431
rduepunti0 : = -1.1247473563581E+25
fil : = 488.26502902856
fipunto1 : = 6.4405156327997E+17
fi_gradi : = 27975.525447169
t1 : = 1.0809221503043E-14
tpunto1 : = 1.0004289993258
tduepunti0 : = -7.0301760714307E+14
v=v_elettrone : = 3721694.1859762
x0= : -1.1002529243854E-12
y0= : -4.2608406825921E-12
*****
i=32220
k(32220)=0.99996771624079
kQ(32220)=0.99993543352383
r1= : 4.4011699790964E-12
rpunto1: = 2408926.6806581
rduepunti0 : = -1.1246145804631E+25
fil : = 488.26510456208
fipunto1 : = 6.4396882798754E+17
fi_gradi : = 27975.529774921
t1 : = 1.0809221620372E-14
tpunto1 : = 1.0004289169325
tduepunti0 : = -7.0254266912272E+14
v=v_elettrone : = 3720700.7325033
x0= : -1.1000017356978E-12
y0= : -4.2611976350332E-12
```

```
*****
i=32221
k(32221)=0.99996775157946
kQ(32221)=0.99993550419889
r1= : 4.4014524948698E-12
rpunto1 : = 2407607.9029784
rduepunti0 : = -1.1244819005007E+25
fil : = 488.26518008591
fipunto1 : = 6.4388615390207E+17
fi_gradi : = 27975.534102118
t1 : = 1.0809221737701E-14
tpunto1 : = 1.0004288345949
tduepunti0 : = -7.0206794227243E+14
v=v_elettrone : = 3719707.6860945
x0= : -1.0997505020827E-12
y0= : -4.2615544133647E-12
*****
i=32222
k(32222)=0.99996778689462
kQ(32222)=0.99993557482692
r1= : 4.4017348559788E-12
rpunto1 : = 2406289.2807917
rduepunti0 : = -1.1243493164188E+25
fil : = 488.26525560003
fipunto1 : = 6.4380354098797E+17
fi_gradi : = 27975.538428758
t1 : = 1.080922185503E-14
tpunto1 : = 1.000428752313
tduepunti0 : = -7.0159342639324E+14
v=v_elettrone : = 3718715.0436633
x0= : -1.0994992235588E-12
y0= : -4.2619110176058E-12
*****
i=32223
k(32223)=0.99996782218627
kQ(32223)=0.99993564540794
r1= : 4.4020170624414E-12
rpunto1 : = 2404970.8139854
rduepunti0 : = -1.1242168281651E+25
fil : = 488.26533110447
fipunto1 : = 6.4372098920969E+17
fi_gradi : = 27975.542754844
t1 : = 1.0809221972359E-14
tpunto1 : = 1.0004286700866
tduepunti0 : = -7.0111912128637E+14
v=v_elettrone : = 3717722.8086046
x0= : -1.0992479001454E-12
y0= : -4.2622674477752E-12
*****
i=32224
k(32224)=0.99996785745442
kQ(32224)=0.99993571594198
r1= : 4.402299114276E-12
rpunto1 : = 2403652.5024472
rduepunti0 : = -1.1240844356876E+25
fil : = 488.26540659923
fipunto1 : = 6.4363849853172E+17
fi_gradi : = 27975.547080375
t1 : = 1.0809222089688E-14
tpunto1 : = 1.0004285879159
tduepunti0 : = -7.0064502675324E+14
v=v_elettrone : = 3716730.9794352
x0= : -1.0989965318612E-12
y0= : -4.262623703892E-12
```



```
*****
i=32225
k(32225)=0.99996789269908
kQ(32225)=0.99993578642905
r1= : 4.4025810115007E-12
rpunto1: = 2402334.346065
rduepunti0 : = -1.1239521389342E+25
fil : = 488.26548208431
fipunto1 : = 6.4355606891859E+17
fi_gradi : = 27975.551405351
t1 : = 1.0809222207017E-14
tpunto1 : = 1.0004285058007
tduepunti0 : = -7.0017114259543E+14
v=v_elettrone : = 3715739.5579317
x0= : -1.098745118725E-12
y0= : -4.2629797859752E-12
*****
i=32226
k(32226)=0.99996792792027
kQ(32226)=0.99993585686916
r1= : 4.4028627541337E-12
rpunto1: = 2401016.3447265
rduepunti0 : = -1.1238199378529E+25
fil : = 488.26555755972
fipunto1 : = 6.4347370033484E+17
fi_gradi : = 27975.555729774
t1 : = 1.0809222324346E-14
tpunto1 : = 1.0004284237411
tduepunti0 : = -6.9969746861474E+14
v=v_elettrone : = 3714748.54098
x0= : -1.0984936607556E-12
y0= : -4.2633356940436E-12
*****
i=32227
k(32227)=0.99996796311799
kQ(32227)=0.99993592726235
r1= : 4.4031443421933E-12
rpunto1: = 2399698.4983196
rduepunti0 : = -1.1236878323917E+25
fil : = 488.26563302548
fipunto1 : = 6.4339139274508E+17
fi_gradi : = 27975.560053643
t1 : = 1.0809222441675E-14
tpunto1 : = 1.0004283417371
tduepunti0 : = -6.9922400461313E+14
v=v_elettrone : = 3713757.9303719
x0= : -1.098242157972E-12
y0= : -4.2636914281161E-12
*****
i=32228
k(32228)=0.99996799829226
kQ(32228)=0.99993599760863
r1= : 4.4034257756976E-12
rpunto1: = 2398380.8067321
rduepunti0 : = -1.123558224987E+25
fil : = 488.26570848158
fipunto1 : = 6.4330914611394E+17
fi_gradi : = 27975.56437696
t1 : = 1.0809222559004E-14
tpunto1 : = 1.0004282597885
tduepunti0 : = -6.9875075039274E+14
v=v_elettrone : = 3712767.7262342
x0= : -1.0979906103931E-12
y0= : -4.2640469882117E-12
```

```
*****
i=32229
k(32229)=0.99996803344308
kQ(32229)=0.99993606790801
r1= : 4.4037070546647E-12
rpunto1 : = 2397063.2698521
rduepunti0 : = -1.123423908122E+25
fil : = 488.26578392804
fipunto1 : = 6.432269604061E+17
fi_gradi : = 27975.568699723
t1 : = 1.0809222676333E-14
tpunto1 : = 1.0004281778954
tduepunti0 : = -6.9827770575593E+14
v=v_elettrone : = 3711777.9270889
x0= : -1.0977390180377E-12
y0= : -4.2644023743492E-12
*****
i=32230
k(32230)=0.99996806857046
kQ(32230)=0.99993613816053
r1= : 4.4039881791128E-12
rpunto1 : = 2395745.8875675
rduepunti0 : = -1.1232920892099E+25
fil : = 488.26585936485
fipunto1 : = 6.4314483558625E+17
fi_gradi : = 27975.573021934
t1 : = 1.0809222793661E-14
tpunto1 : = 1.0004280960577
tduepunti0 : = -6.9780487050521E+14
v=v_elettrone : = 3710788.5363589
x0= : -1.0974873809248E-12
y0= : -4.2647575865475E-12
*****
i=32231
k(32231)=0.99996810367441
kQ(32231)=0.99993620836619
r1= : 4.4042691490601E-12
rpunto1 : = 2394428.6597666
rduepunti0 : = -1.1231603657105E+25
fil : = 488.26593479204
fipunto1 : = 6.4306277161915E+17
fi_gradi : = 27975.577343594
t1 : = 1.080922291099E-14
tpunto1 : = 1.0004280142755
tduepunti0 : = -6.9733224444328E+14
v=v_elettrone : = 3709799.550909
x0= : -1.0972356990729E-12
y0= : -4.2651126248254E-12
*****
i=32232
k(32232)=0.99996813875494
kQ(32232)=0.99993627852502
r1= : 4.4045499645246E-12
rpunto1 : = 2393111.5863374
rduepunti0 : = -1.1230287375722E+25
fil : = 488.2660102096
fipunto1 : = 6.4298076846957E+17
fi_gradi : = 27975.581664702
t1 : = 1.0809223028319E-14
tpunto1 : = 1.0004279325487
tduepunti0 : = -6.9685982737304E+14
v=v_elettrone : = 3708810.9709054
x0= : -1.0969839725011E-12
y0= : -4.2654674892019E-12
```

```
*****
i=32233
k(32233)=0.99996817381207
kQ(32233)=0.99993634863704
r1= : 4.4048306255244E-12
rpunto1: = 2391794.6671683
rduepunti0 : = -1.1228972047434E+25
fil : = 488.26608561755
fipunto1 : = 6.4289882610233E+17
fi_gradi : = 27975.585985259
t1 : = 1.0809223145648E-14
tpunto1 : = 1.0004278508773
tduepunti0 : = -6.9638761909757E+14
v=v_elettrone : = 3707822.7981046
x0= : -1.0967322012282E-12
y0= : -4.2658221796955E-12
*****
i=32234
k(32234)=0.9999682088458
kQ(32234)=0.99993641870227
r1= : 4.4051111320777E-12
rpunto1: = 2390477.9021473
rduepunti0 : = -1.1227657671724E+25
fil : = 488.26616101588
fipunto1 : = 6.4281694448228E+17
fi_gradi : = 27975.590305265
t1 : = 1.0809223262977E-14
tpunto1 : = 1.0004277692612
tduepunti0 : = -6.9591561942011E+14
v=v_elettrone : = 3706835.0326774
x0= : -1.096480385273E-12
y0= : -4.2661766963253E-12
*****
i=32235
k(32235)=0.99996824385613
kQ(32235)=0.99993648872072
r1= : 4.4053914842025E-12
rpunto1: = 2389161.291163
rduepunti0 : = -1.1226344248076E+25
fil : = 488.26623640461
fipunto1 : = 6.4273512357432E+17
fi_gradi : = 27975.594624721
t1 : = 1.0809223380306E-14
tpunto1 : = 1.0004276877005
tduepunti0 : = -6.954438281441E+14
v=v_elettrone : = 3705847.6731252
x0= : -1.096228524654E-12
y0= : -4.2665310391101E-12
*****
i=32236
k(32236)=0.99996827884309
kQ(32236)=0.99993655869242
r1= : 4.4056716819169E-12
rpunto1: = 2387844.8341037
rduepunti0 : = -1.1225031775977E+25
fil : = 488.26631178375
fipunto1 : = 6.4265336334338E+17
fi_gradi : = 27975.598943627
t1 : = 1.0809223497635E-14
tpunto1 : = 1.000427606195
tduepunti0 : = -6.9497224507318E+14
v=v_elettrone : = 3704860.7196003
x0= : -1.0959766193902E-12
y0= : -4.2668852080685E-12
```

```
*****
i=32237
k(32237)=0.99996831380668
kQ(32237)=0.99993662861738
r1= : 4.4059517252389E-12
rpunto1 : = 2386528.5308579
rduepunti0 : = -1.1223720254911E+25
fil : = 488.26638715329
fipunto1 : = 6.425716637544E+17
fi_gradi : = 27975.603261984
t1 : = 1.0809223614964E-14
tpunto1 : = 1.0004275247449
tduepunti0 : = -6.9450087001116E+14
v=v_elettrone : = 3703874.1722548
x0= : -1.0957246695005E-12
y0= : -4.2672392032194E-12
*****
i=32238
k(32238)=0.99996834874692
kQ(32238)=0.99993669849563
r1= : 4.4062316141866E-12
rpunto1 : = 2385212.3813141
rduepunti0 : = -1.1222409684365E+25
fil : = 488.26646251326
fipunto1 : = 6.4249002477241E+17
fi_gradi : = 27975.607579792
t1 : = 1.0809223732292E-14
tpunto1 : = 1.00042744335
tduepunti0 : = -6.9402970276200E+14
v=v_elettrone : = 3702888.0312281
x0= : -1.0954726750035E-12
y0= : -4.2675930245814E-12
*****
i=32239
k(32239)=0.9999683836638
kQ(32239)=0.99993676832719
r1= : 4.406511348778E-12
rpunto1 : = 2383896.3853609
rduepunti0 : = -1.1221100063824E+25
fil : = 488.26653786365
fipunto1 : = 6.4240844636242E+17
fi_gradi : = 27975.611897052
t1 : = 1.0809223849621E-14
tpunto1 : = 1.0004273620103
tduepunti0 : = -6.9355874312991E+14
v=v_elettrone : = 3701902.2982985
x0= : -1.0952206359182E-12
y0= : -4.2679466721734E-12
*****
i=32240
k(32240)=0.99996841855734
kQ(32240)=0.99993683811206
r1= : 4.4067909290311E-12
rpunto1 : = 2382580.5428869
rduepunti0 : = -1.1219791392777E+25
fil : = 488.26661320447
fipunto1 : = 6.4232692848952E+17
fi_gradi : = 27975.616213763
t1 : = 1.080922396695E-14
tpunto1 : = 1.0004272807259
tduepunti0 : = -6.9308799091921E+14
v=v_elettrone : = 3700916.9703626
x0= : -1.094968552263E-12
y0= : -4.2683001460141E-12
```

```
*****
i=32241
k(32241)=0.99996845342755
kQ(32241)=0.99993690785028
r1= : 4.4070703549639E-12
rpunto1: = 2381264.8537808
rduepunti0 : = -1.1218483670711E+25
fil : = 488.26668853574
fipunto1 : = 6.4224547111881E+17
fi_gradi : = 27975.620529926
t1 : = 1.0809224084279E-14
tpunto1 : = 1.0004271994966
tduepunti0 : = -6.9261744593446E+14
v=v_elettrone : = 3699932.0491902
x0= : -1.0947164240569E-12
y0= : -4.2686534461222E-12
*****
i=32242
k(32242)=0.99996848827444
kQ(32242)=0.99993697754187
r1= : 4.4073496265945E-12
rpunto1: = 2379949.3179315
rduepunti0 : = -1.1217176897114E+25
fil : = 488.26676385744
fipunto1 : = 6.4216407421544E+17
fi_gradi : = 27975.624845542
t1 : = 1.0809224201608E-14
tpunto1 : = 1.0004271183225
tduepunti0 : = -6.9214710798037E+14
v=v_elettrone : = 3698947.5349227
x0= : -1.0944642513186E-12
y0= : -4.2690065725163E-12
*****
i=32243
k(32243)=0.99996852309802
kQ(32243)=0.99993704718683
r1= : 4.4076287439407E-12
rpunto1: = 2378633.9352276
rduepunti0 : = -1.1215871071474E+25
fil : = 488.26683916961
fipunto1 : = 6.4208273774458E+17
fi_gradi : = 27975.629160612
t1 : = 1.0809224318936E-14
tpunto1 : = 1.0004270372035
tduepunti0 : = -6.9167697686183E+14
v=v_elettrone : = 3697963.4277301
x0= : -1.0942120340668E-12
y0= : -4.2693595252152E-12
*****
i=32244
k(32244)=0.99996855789829
kQ(32244)=0.9999371167852
r1= : 4.4079077070205E-12
rpunto1: = 2377318.7055582
rduepunti0 : = -1.1214566193281E+25
fil : = 488.26691447223
fipunto1 : = 6.4200146167147E+17
fi_gradi : = 27975.633475134
t1 : = 1.0809224436265E-14
tpunto1 : = 1.0004269561397
tduepunti0 : = -6.9120705238394E+14
v=v_elettrone : = 3696979.7277451
x0= : -1.0939597723202E-12
y0= : -4.2697123042375E-12
```

```
*****
i=32245
k(32245)=0.99996859267528
kQ(32245)=0.99993718633698
r1= : 4.4081865158519E-12
rpunto1 : = 2376003.6288121
rduepunti0 : = -1.1213262262025E+25
fil : = 488.26698976533
fipunto1 : = 6.4192024596134E+17
fi_gradi : = 27975.637789111
t1 : = 1.0809224553594E-14
tpunto1 : = 1.0004268751309
tduepunti0 : = -6.9073733435195E+14
v=v_elettrone : = 3695996.4334807
x0= : -1.0937074660974E-12
y0= : -4.2700649096019E-12
*****
i=32246
k(32246)=0.99996862742898
kQ(32246)=0.99993725584221
r1= : 4.4084651704529E-12
rpunto1 : = 2374688.7048784
rduepunti0 : = -1.1211959277195E+25
fil : = 488.26706504889
fipunto1 : = 6.4183909057949E+17
fi_gradi : = 27975.642102541
t1 : = 1.0809224670923E-14
tpunto1 : = 1.0004267941772
tduepunti0 : = -6.9026782257129E+14
v=v_elettrone : = 3695013.546722
x0= : -1.0934551154172E-12
y0= : -4.270417341327E-12
*****
i=32247
k(32247)=0.99996866215942
kQ(32247)=0.99993732530089
r1= : 4.4087436708412E-12
rpunto1 : = 2373373.9336461
rduepunti0 : = -1.1210657238283E+25
fil : = 488.26714032294
fipunto1 : = 6.4175799549125E+17
fi_gradi : = 27975.646415427
t1 : = 1.0809224788251E-14
tpunto1 : = 1.0004267132785
tduepunti0 : = -6.8979851684761E+14
v=v_elettrone : = 3694031.0659911
x0= : -1.0932027202983E-12
y0= : -4.2707695994315E-12
*****
i=32248
k(32248)=0.99996869686658
kQ(32248)=0.99993739471305
r1= : 4.409022017035E-12
rpunto1 : = 2372059.3150044
rduepunti0 : = -1.120935614478E+25
fil : = 488.26721558748
fipunto1 : = 6.4167696066198E+17
fi_gradi : = 27975.650727767
t1 : = 1.080922490558E-14
tpunto1 : = 1.0004266324349
tduepunti0 : = -6.8932941698669E+14
v=v_elettrone : = 3693048.991426
x0= : -1.0929502807593E-12
y0= : -4.2711216839339E-12
```

```
*****
i=32249
k(32249)=0.9999687315505
kQ(32249)=0.99993746407871
r1= : 4.4093002090519E-12
rpunto1:= 2370744.8488423
rduepunti0 := -1.1208055996177E+25
fil := 488.26729084252
fipunto1 := 6.4159598605707E+17
fi_gradi := 27975.655039563
t1 := 1.0809225022909E-14
tpunto1 := 1.0004265516462
tduepunti0 := -6.8886052279453E+14
v=v_elettrone := 3692067.3248164
x0= : -1.0926977968192E-12
y0= : -4.2714735948529E-12
*****
i=32250
k(32250)=0.99996876621117
kQ(32250)=0.99993753339789
r1= : 4.40957824691E-12
rpunto1:= 2369430.5350493
rduepunti0 := -1.1206756791966E+25
fil := 488.26736608806
fipunto1 := 6.4151507164196E+17
fi_gradi := 27975.659350815
t1 := 1.0809225140238E-14
tpunto1 := 1.0004264709125
tduepunti0 := -6.8839183407728E+14
v=v_elettrone := 3691086.0646618
x0= : -1.0924452684963E-12
y0= : -4.271825332207E-12
*****
i=32251
k(32251)=0.99996880084861
kQ(32251)=0.9999376026706
r1= : 4.4098561306271E-12
rpunto1:= 2368116.3735145
rduepunti0 := -1.120545853164E+25
fil := 488.26744132411
fipunto1 := 6.4143421738212E+17
fi_gradi := 27975.663661523
t1 := 1.0809225257566E-14
tpunto1 := 1.0004263902337
tduepunti0 := -6.8792335064129E+14
v=v_elettrone := 3690105.2111379
x0= : -1.0921926958094E-12
y0= : -4.2721768960148E-12
*****
i=32252
k(32252)=0.99996883546282
kQ(32252)=0.99993767189687
r1= : 4.4101338602211E-12
rpunto1:= 2366802.3641274
rduepunti0 := -1.1204161214694E+25
fil := 488.26751655067
fipunto1 := 6.4135342324306E+17
fi_gradi := 27975.667971688
t1 := 1.0809225374895E-14
tpunto1 := 1.0004263096099
tduepunti0 := -6.8745507229308E+14
v=v_elettrone := 3689124.7660065
x0= : -1.0919400787772E-12
y0= : -4.2725282862948E-12
```

```
*****
i=32253
k(32253)=0.99996887005382
kQ(32253)=0.99993774107671
r1= : 4.4104114357097E-12
rpunto1: = 2365488.5067773
rduepunti0 : = -1.1202864840619E+25
fil : = 488.26759176776
fipunto1 : = 6.4127268919031E+17
fi_gradi : = 27975.67228131
t1 : = 1.0809225492224E-14
tpunto1 : = 1.000426229041
tduepunti0 : = -6.8698699883936E+14
v=v_elettrone : = 3688144.7261495
x0= : -1.0916874174182E-12
y0= : -4.2728795030657E-12
*****
i=32254
k(32254)=0.99996890462161
kQ(32254)=0.99993781021015
r1= : 4.4106888571109E-12
rpunto1: = 2364174.8013538
rduepunti0 : = -1.1201569408911E+25
fil : = 488.26766697539
fipunto1 : = 6.4119201518946E+17
fi_gradi : = 27975.676590389
t1 : = 1.0809225609552E-14
tpunto1 : = 1.0004261485269
tduepunti0 : = -6.8651913008699E+14
v=v_elettrone : = 3687165.0949972
x0= : -1.0914347117511E-12
y0= : -4.2732305463459E-12
*****
i=32255
k(32255)=0.99996893916621
kQ(32255)=0.9999378792972
r1= : 4.4109661244424E-12
rpunto1: = 2362861.2477463
rduepunti0 : = -1.1200274919065E+25
fil : = 488.26774217355
fipunto1 : = 6.4111140120611E+17
fi_gradi : = 27975.680898926
t1 : = 1.0809225726881E-14
tpunto1 : = 1.0004260680677
tduepunti0 : = -6.8605146584305E+14
v=v_elettrone : = 3686185.8694122
x0= : -1.0911819617944E-12
y0= : -4.273581416154E-12
*****
i=32256
k(32256)=0.99996897368762
kQ(32256)=0.99993794833788
r1= : 4.411243237722E-12
rpunto1: = 2361547.8458445
rduepunti0 : = -1.1198981370575E+25
fil : = 488.26781736226
fipunto1 : = 6.4103084720592E+17
fi_gradi : = 27975.685206922
t1 : = 1.080922584421E-14
tpunto1 : = 1.0004259876633
tduepunti0 : = -6.8558400591476E+14
v=v_elettrone : = 3685207.0511949
x0= : -1.0909291675669E-12
y0= : -4.2739321125083E-12
```



```
*****
i=32257
k(32257)=0.99996900818586
kQ(32257)=0.99993801733221
r1= : 4.4115201969676E-12
rpunto1: = 2360234.5955381
rduepunti0 : = -1.1197688762937E+25
fil : = 488.26789254152
fipunto1 : = 6.4095035315457E+17
fi_gradi : = 27975.689514376
t1 : = 1.0809225961538E-14
tpunto1 : = 1.0004259073137
tduepunti0 : = -6.8511675010955E+14
v=v_elettrone : = 3684228.64048
x0= : -1.0906763290871E-12
y0= : -4.2742826354276E-12
*****
i=32258
k(32258)=0.99996904266093
kQ(32258)=0.99993808628021
r1= : 4.411797002197E-12
rpunto1: = 2358921.4967167
rduepunti0 : = -1.1196397095649E+25
fil : = 488.26796771134
fipunto1 : = 6.4086991901778E+17
fi_gradi : = 27975.69382129
t1 : = 1.0809226078867E-14
tpunto1 : = 1.0004258270189
tduepunti0 : = -6.8464969823501E+14
v=v_elettrone : = 3683250.637416
x0= : -1.0904234463736E-12
y0= : -4.2746329849301E-12
*****
i=32259
k(32259)=0.99996907711284
kQ(32259)=0.9999381551819
r1= : 4.4120736534278E-12
rpunto1: = 2357608.5492701
rduepunti0 : = -1.1195106368205E+25
fil : = 488.26804287172
fipunto1 : = 6.4078954476131E+17
fi_gradi : = 27975.698127662
t1 : = 1.0809226196196E-14
tpunto1 : = 1.0004257467788
tduepunti0 : = -6.8418285009891E+14
v=v_elettrone : = 3682273.0405337
x0= : -1.0901705194449E-12
y0= : -4.2749831610344E-12
*****
i=32260
k(32260)=0.9999691115416
kQ(32260)=0.99993822403729
r1= : 4.4123501506778E-12
rpunto1: = 2356295.7530882
rduepunti0 : = -1.1193816580105E+25
fil : = 488.26811802268
fipunto1 : = 6.4070923035094E+17
fi_gradi : = 27975.702433495
t1 : = 1.0809226313524E-14
tpunto1 : = 1.0004256665935
tduepunti0 : = -6.837162055092E+14
v=v_elettrone : = 3681295.8516011
x0= : -1.0899175483197E-12
y0= : -4.2753331637588E-12
```

```
*****
i=32261
k(32261)=0.99996914594722
kQ(32261)=0.99993829284642
r1= : 4.4126264939648E-12
rpunto1:= 2354983.1080608
rduepunti0 := -1.1192527730845E+25
fil := 488.26819316422
fipunto1 := 6.4062897575251E+17
fi_gradi := 27975.706738789
t1 := 1.0809226430853E-14
tpunto1 := 1.0004255864628
tduepunti0 := -6.83249764274E+14
v=v_elettrone := 3680319.0691467
x0= : -1.0896645330165E-12
y0= : -4.275682993122E-12
*****
i=32262
k(32262)=0.99996918032972
kQ(32262)=0.99993836160929
r1= : 4.4129026833066E-12
rpunto1:= 2353670.614078
rduepunti0 := -1.1191239819924E+25
fil := 488.26826829635
fipunto1 := 6.4054878093187E+17
fi_gradi := 27975.711043542
t1 := 1.0809226548182E-14
tpunto1 := 1.0004255063869
tduepunti0 := -6.8278352620162E+14
v=v_elettrone := 3679342.694939
x0= : -1.0894114735539E-12
y0= : -4.2760326491421E-12
*****
i=32263
k(32263)=0.99996921468909
kQ(32263)=0.99993843032592
r1= : 4.4131787187207E-12
rpunto1:= 2352358.2710297
rduepunti0 := -1.1189952846841E+25
fil := 488.26834341908
fipunto1 := 6.4046864585493E+17
fi_gradi := 27975.715347757
t1 := 1.080922666551E-14
tpunto1 := 1.0004254263656
tduepunti0 := -6.8231749110053E+14
v=v_elettrone := 3678366.7274979
x0= : -1.0891583699504E-12
y0= : -4.2763821318378E-12
*****
i=32264
k(32264)=0.99996924902536
kQ(32264)=0.99993849899634
r1= : 4.413454600225E-12
rpunto1:= 2351046.0788059
rduepunti0 := -1.1188666811095E+25
fil := 488.2684185324
fipunto1 := 6.4038857048762E+17
fi_gradi := 27975.719651434
t1 := 1.0809226782839E-14
tpunto1 := 1.0004253463989
tduepunti0 := -6.8185165877941E+14
v=v_elettrone := 3677391.1669785
x0= : -1.0889052222245E-12
y0= : -4.2767314412272E-12
```

```
*****
i=32265
k(32265)=0.99996928333853
kQ(32265)=0.99993856762056
r1= : 4.4137303278371E-12
rpunto1 : = 2349734.0372969
rduepunti0 : = -1.1187381712186E+25
fil : = 488.26849363634
fipunto1 : = 6.403085547959E+17
fi_gradi : = 27975.723954573
t1 : = 1.0809226900167E-14
tpunto1 : = 1.0004252664868
tduepunti0 : = -6.8138602904707E+14
v=v_elettrone : = 3676416.0135236
x0= : -1.0886520303949E-12
y0= : -4.2770805773289E-12
*****
i=32266
k(32266)=0.9999693176286
kQ(32266)=0.99993863619861
r1= : 4.4140059015747E-12
rpunto1 : = 2348422.1463928
rduepunti0 : = -1.1186097549614E+25
fil : = 488.26856873089
fipunto1 : = 6.4022859874579E+17
fi_gradi : = 27975.728257173
t1 : = 1.0809227017496E-14
tpunto1 : = 1.0004251866293
tduepunti0 : = -6.8092060171253E+14
v=v_elettrone : = 3675441.2689215
x0= : -1.0883987944802E-12
y0= : -4.2774295401611E-12
*****
i=32267
k(32267)=0.99996935189559
kQ(32267)=0.99993870473049
r1= : 4.4142813214554E-12
rpunto1 : = 2347110.4059839
rduepunti0 : = -1.1184814322881E+25
fil : = 488.26864381606
fipunto1 : = 6.4014870230331E+17
fi_gradi : = 27975.732559237
t1 : = 1.0809227134824E-14
tpunto1 : = 1.0004251068264
tduepunti0 : = -6.8045537658498E+14
v=v_elettrone : = 3674466.9300478
x0= : -1.0881455144986E-12
y0= : -4.2777783297423E-12
*****
i=32268
k(32268)=0.99996938613951
kQ(32268)=0.99993877321624
r1= : 4.4145565874969E-12
rpunto1 : = 2345798.8159604
rduepunti0 : = -1.1183532031486E+25
fil : = 488.26871889187
fipunto1 : = 6.4006886543455E+17
fi_gradi : = 27975.736860764
t1 : = 1.0809227252153E-14
tpunto1 : = 1.000425027078
tduepunti0 : = -6.7999035347377E+14
v=v_elettrone : = 3673493.0003228
x0= : -1.0878921904688E-12
y0= : -4.2781269460906E-12
```

```
*****
i=32269
k(32269)=0.99996942036037
kQ(32269)=0.99993884165586
r1= : 4.4148316997168E-12
rpunto1: = 2344487.3762127
rduepunti0 : = -1.1182250674933E+25
fil : = 488.26879395831
fipunto1 : = 6.3998908810562E+17
fi_gradi : = 27975.741161754
t1 : = 1.0809227369482E-14
tpunto1 : = 1.0004249473842
tduepunti0 : = -6.7952553218844E+14
v=v_elettrone : = 3672519.4766377
x0= : -1.0876388224092E-12
y0= : -4.2784753892246E-12
*****
i=32270
k(32270)=0.99996945455818
kQ(32270)=0.99993891004938
r1= : 4.4151066581329E-12
rpunto1: = 2343176.0866313
rduepunti0 : = -1.1180970252723E+25
fil : = 488.26886901539
fipunto1 : = 6.3990937028265E+17
fi_gradi : = 27975.745462208
t1 : = 1.080922748681E-14
tpunto1 : = 1.0004248677448
tduepunti0 : = -6.7906091253871E+14
v=v_elettrone : = 3671546.3623934
x0= : -1.0873854103385E-12
y0= : -4.2788236591624E-12
*****
i=32271
k(32271)=0.99996948873294
kQ(32271)=0.99993897839682
r1= : 4.4153814627625E-12
rpunto1: = 2341864.9471066
rduepunti0 : = -1.117969076436E+25
fil : = 488.26894406313
fipunto1 : = 6.3982971193183E+17
fi_gradi : = 27975.749762126
t1 : = 1.0809227604139E-14
tpunto1 : = 1.0004247881599
tduepunti0 : = -6.7859649433446E+14
v=v_elettrone : = 3670573.6544884
x0= : -1.0871319542748E-12
y0= : -4.2791717559224E-12
*****
i=32272
k(32272)=0.99996952288467
kQ(32272)=0.99993904669819
r1= : 4.4156561136235E-12
rpunto1: = 2340553.9575292
rduepunti0 : = -1.1178412209346E+25
fil : = 488.26901910152
fipunto1 : = 6.3975011301938E+17
fi_gradi : = 27975.75406151
t1 : = 1.0809227721467E-14
tpunto1 : = 1.0004247086294
tduepunti0 : = -6.7813227738576E+14
v=v_elettrone : = 3669601.3546927
x0= : -1.0868784542369E-12
y0= : -4.2795196795228E-12
```

```
*****
i=32273
k(32273)=0.99996955701337
kQ(32273)=0.99993911495351
r1= : 4.4159306107333E-12
rpunto1: = 2339243.1177896
rduepunti0 : = -1.1177134587186E+25
fil : = 488.26909413058
fipunto1 : = 6.3967057351154E+17
fi_gradi : = 27975.758360358
t1 : = 1.0809227838796E-14
tpunto1 : = 1.0004246291534
tduepunti0 : = -6.7766826150283E+14
v=v_elettrone : = 3668629.4615229
x0= : -1.086624910243E-12
y0= : -4.2798674299819E-12
*****
i=32274
k(32274)=0.99996959111906
kQ(32274)=0.99993918316281
r1= : 4.4162049541096E-12
rpunto1: = 2337932.4277785
rduepunti0 : = -1.1175857897383E+25
fil : = 488.2691691503
fipunto1 : = 6.3959109337461E+17
fi_gradi : = 27975.762658672
t1 : = 1.0809227956124E-14
tpunto1 : = 1.0004245497317
tduepunti0 : = -6.772044464961E+14
v=v_elettrone : = 3667657.9767691
x0= : -1.0863713223119E-12
y0= : -4.280215007318E-12
*****
i=32275
k(32275)=0.99996962520174
kQ(32275)=0.9999392513261
r1= : 4.4164791437698E-12
rpunto1: = 2336621.8873867
rduepunti0 : = -1.1174582139443E+25
fil : = 488.26924416071
fipunto1 : = 6.395116725749E+17
fi_gradi : = 27975.766956452
t1 : = 1.0809228073453E-14
tpunto1 : = 1.0004244703644
tduepunti0 : = -6.7674083217614E+14
v=v_elettrone : = 3666686.8989335
x0= : -1.0861176904617E-12
y0= : -4.2805624115492E-12
*****
i=32276
k(32276)=0.99996965926142
kQ(32276)=0.9999393194434
r1= : 4.4167531797315E-12
rpunto1: = 2335311.4965048
rduepunti0 : = -1.1173307312871E+25
fil : = 488.26931916181
fipunto1 : = 6.3943231107876E+17
fi_gradi : = 27975.771253698
t1 : = 1.0809228190781E-14
tpunto1 : = 1.0004243910515
tduepunti0 : = -6.7627741835372E+14
v=v_elettrone : = 3665716.2298264
x0= : -1.0858640147112E-12
y0= : -4.2809096426938E-12
```

```
*****
i=32277
k(32277)=0.99996969329812
kQ(32277)=0.99993938751473
r1= : 4.4170270620124E-12
rpunto1: = 2334001.2550238
rduepunti0 : = -1.1172033417173E+25
fil : = 488.26939415359
fipunto1 : = 6.3935300885259E+17
fi_gradi : = 27975.77555041
t1 : = 1.0809228308109E-14
tpunto1 : = 1.0004243117929
tduepunti0 : = -6.7581420483976E+14
v=v_elettrone : = 3664745.9695916
x0= : -1.0856102950786E-12
y0= : -4.28125670077E-12
*****
i=32278
k(32278)=0.99996972731184
kQ(32278)=0.99993945554011
r1= : 4.4173007906298E-12
rpunto1: = 2332691.1628345
rduepunti0 : = -1.1170760451854E+25
fil : = 488.26946913608
fipunto1 : = 6.3927376586281E+17
fi_gradi : = 27975.77984659
t1 : = 1.0809228425438E-14
tpunto1 : = 1.0004242325886
tduepunti0 : = -6.7535119144539E+14
v=v_elettrone : = 3663776.1150773
x0= : -1.0853565315821E-12
y0= : -4.2816035857961E-12
*****
i=32279
k(32279)=0.99996976130259
kQ(32279)=0.99993952351955
r1= : 4.4175743656013E-12
rpunto1: = 2331381.2198278
rduepunti0 : = -1.1169488416423E+25
fil : = 488.26954410927
fipunto1 : = 6.3919458207589E+17
fi_gradi : = 27975.784142238
t1 : = 1.0809228542766E-14
tpunto1 : = 1.0004241534386
tduepunti0 : = -6.7488837798186E+14
v=v_elettrone : = 3662806.6697496
x0= : -1.0851027242405E-12
y0= : -4.2819502977901E-12
*****
i=32280
k(32280)=0.99996979527038
kQ(32280)=0.99993959145308
r1= : 4.4178477869444E-12
rpunto1: = 2330071.4258948
rduepunti0 : = -1.1168217310385E+25
fil : = 488.26961907317
fipunto1 : = 6.3911545745831E+17
fi_gradi : = 27975.788437353
t1 : = 1.0809228660095E-14
tpunto1 : = 1.0004240743428
tduepunti0 : = -6.7442576426064E+14
v=v_elettrone : = 3661837.6320959
x0= : -1.084848873072E-12
y0= : -4.2822968367702E-12
```

```
*****
i=32281
k(32281)=0.99996982921522
kQ(32281)=0.99993965934071
r1= : 4.4181210546766E-12
rpunto1: = 2328761.7809265
rduepunti0 : = -1.116694713325E+25
fil : = 488.2696940278
fipunto1 : = 6.3903639197662E+17
fi_gradi : = 27975.792731937
t1 : = 1.0809228777423E-14
tpunto1 : = 1.0004239953013
tduepunti0 : = -6.7396335009336E+14
v=v_elettrone : = 3660869.0022693
x0= : -1.0845949780949E-12
y0= : -4.2826432027547E-12
*****
i=32282
k(32282)=0.99996986313712
kQ(32282)=0.99993972718247
r1= : 4.4183941688154E-12
rpunto1: = 2327452.2848141
rduepunti0 : = -1.1165677884524E+25
fil : = 488.26976897315
fipunto1 : = 6.3895738559736E+17
fi_gradi : = 27975.797025989
t1 : = 1.0809228894752E-14
tpunto1 : = 1.0004239163139
tduepunti0 : = -6.7350113529181E+14
v=v_elettrone : = 3659900.7804186
x0= : -1.0843410393278E-12
y0= : -4.2829893957616E-12
*****
i=32283
k(32283)=0.99996989703609
kQ(32283)=0.99993979497836
r1= : 4.4186671293781E-12
rpunto1: = 2326142.9374486
rduepunti0 : = -1.1164409563718E+25
fil : = 488.26984390924
fipunto1 : = 6.3887843828714E+17
fi_gradi : = 27975.801319511
t1 : = 1.080922901208E-14
tpunto1 : = 1.0004238373808
tduepunti0 : = -6.7303911966796E+14
v=v_elettrone : = 3658932.9667078
x0= : -1.084087056789E-12
y0= : -4.2833354158091E-12
*****
i=32284
k(32284)=0.99996993091213
kQ(32284)=0.99993986272842
r1= : 4.4189399363824E-12
rpunto1: = 2324833.7387214
rduepunti0 : = -1.116314217034E+25
fil : = 488.26991883607
fipunto1 : = 6.387995500126E+17
fi_gradi : = 27975.805612502
t1 : = 1.0809229129408E-14
tpunto1 : = 1.0004237585018
tduepunti0 : = -6.7257730303395E+14
v=v_elettrone : = 3657965.5612738
x0= : -1.0838330304968E-12
y0= : -4.2836812629152E-12
```

```
*****
i=32285
k(32285)=0.99996996476527
kQ(32285)=0.99993993043265
r1= : 4.4192125898454E-12
rpunto1: = 2323524.6885237
rduepunti0 : = -1.11618757039E+25
fil : = 488.26999375364
fipunto1 : = 6.3872072074041E+17
fi_gradi : = 27975.809904963
t1 : = 1.0809229246737E-14
tpunto1 : = 1.0004236796769
tduepunti0 : = -6.721156852021E+14
v=v_elettrone : = 3656998.5626292
x0= : -1.0835789604696E-12
y0= : -4.2840269370981E-12
*****
i=32286
k(32286)=0.9999699985955
kQ(32286)=0.99993999809108
r1= : 4.4194850897848E-12
rpunto1: = 2322215.7867469
rduepunti0 : = -1.1160610163907E+25
fil : = 488.27006866198
fipunto1 : = 6.3864195043726E+17
fi_gradi : = 27975.814196894
t1 : = 1.0809229364065E-14
tpunto1 : = 1.0004236009062
tduepunti0 : = -6.7165426598489E+14
v=v_elettrone : = 3656031.9742209
x0= : -1.0833248467259E-12
y0= : -4.2843724383759E-12
*****
i=32287
k(32287)=0.99997003240284
kQ(32287)=0.99994006570373
r1= : 4.4197574362179E-12
rpunto1: = 2320907.0332824
rduepunti0 : = -1.1159345549874E+25
fil : = 488.27014356107
fipunto1 : = 6.3856323906989E+17
fi_gradi : = 27975.818488296
t1 : = 1.0809229481394E-14
tpunto1 : = 1.0004235221896
tduepunti0 : = -6.7119304519499E+14
v=v_elettrone : = 3655065.7929028
x0= : -1.0830706892838E-12
y0= : -4.2847177667665E-12
*****
i=32288
k(32288)=0.99997006618729
kQ(32288)=0.99994013327061
r1= : 4.4200296291621E-12
rpunto1: = 2319598.4280216
rduepunti0 : = -1.1158081861311E+25
fil : = 488.27021845093
fipunto1 : = 6.3848458660509E+17
fi_gradi : = 27975.822779169
t1 : = 1.0809229598722E-14
tpunto1 : = 1.000423443527
tduepunti0 : = -6.7073202264522E+14
v=v_elettrone : = 3654100.0188138
x0= : -1.0828164881617E-12
y0= : -4.2850629222882E-12
```



```
*****
i=32289
k(32289)=0.99997009994887
kQ(32289)=0.99994020079174
r1= : 4.4203016686348E-12
rpunto1:= 2318289.9708561
rduepunti0 := -1.115681909773E+25
fil := 488.27029333157
fipunto1 := 6.3840599300964E+17
fi_gradi := 27975.827069514
t1 := 1.080922971605E-14
tpunto1 := 1.0004233649185
tduepunti0 := -6.7027119814858E+14
v=v_elettrone := 3653134.6537757
x0= : -1.0825622433781E-12
y0= : -4.2854079049588E-12
*****
i=32290
k(32290)=0.99997013368758
kQ(32290)=0.99994026826715
r1= : 4.4205735546534E-12
rpunto1:= 2316981.6616774
rduepunti0 := -1.115557258643E+25
fil := 488.27036820299
fipunto1 := 6.383274582504E+17
fi_gradi := 27975.83135933
t1 := 1.0809229833379E-14
tpunto1 := 1.000423286364
tduepunti0 := -6.6981057151825E+14
v=v_elettrone := 3652169.6979327
x0= : -1.0823079549512E-12
y0= : -4.2857527147965E-12
*****
i=32291
k(32291)=0.99997016740343
kQ(32291)=0.99994033569684
r1= : 4.4208452872351E-12
rpunto1:= 2315673.5003772
rduepunti0 := -1.1154296343563E+25
fil := 488.2704430652
fipunto1 := 6.3824898229424E+17
fi_gradi := 27975.835648619
t1 := 1.0809229950707E-14
tpunto1 := 1.0004232078634
tduepunti0 := -6.6935014256756E+14
v=v_elettrone := 3651205.1497767
x0= : -1.0820536228992E-12
y0= : -4.2860973518192E-12
*****
i=32292
k(32292)=0.99997020109644
kQ(32292)=0.99994040308085
r1= : 4.4211168663974E-12
rpunto1:= 2314365.4868472
rduepunti0 := -1.1153036352003E+25
fil := 488.27051791821
fipunto1 := 6.3817056510808E+17
fi_gradi := 27975.83993738
t1 := 1.0809230068035E-14
tpunto1 := 1.0004231294169
tduepunti0 := -6.6888991111003E+14
v=v_elettrone := 3650241.009481
x0= : -1.0817992472404E-12
y0= : -4.286441816045E-12
```

```
*****
i=32293
k(32293)=0.9999702347666
kQ(32293)=0.99994047041918
r1= : 4.4213882921576E-12
rpunto1: = 2313057.620979
rduepunti0 : = -1.1151777283477E+25
fil : = 488.27059276202
fipunto1 : = 6.3809220665884E+17
fi_gradi : = 27975.844225615
t1 : = 1.0809230185364E-14
tpunto1 : = 1.0004230510243
tduepunti0 : = -6.6842987695934E+14
v=v_elettrone : = 3649277.2788203
x0= : -1.0815448279933E-12
y0= : -4.2867861074918E-12
*****
i=32294
k(32294)=0.99997026841394
kQ(32294)=0.99994053771185
r1= : 4.421659564533E-12
rpunto1: = 2311749.9026646
rduepunti0 : = -1.1150519137498E+25
fil : = 488.27066759664
fipunto1 : = 6.3801390691352E+17
fi_gradi : = 27975.848513323
t1 : = 1.0809230302692E-14
tpunto1 : = 1.0004229726857
tduepunti0 : = -6.6797003992933E+14
v=v_elettrone : = 3648313.9563228
x0= : -1.081290365176E-12
y0= : -4.2871302261777E-12
*****
i=32295
k(32295)=0.99997030203846
kQ(32295)=0.99994060495889
r1= : 4.4219306835409E-12
rpunto1: = 2310442.3317958
rduepunti0 : = -1.1149261913582E+25
fil : = 488.27074242208
fipunto1 : = 6.3793566583913E+17
fi_gradi : = 27975.852800504
t1 : = 1.080923042002E-14
tpunto1 : = 1.0004228944009
tduepunti0 : = -6.6751039983405E+14
v=v_elettrone : = 3647351.0404718
x0= : -1.0810358588067E-12
y0= : -4.2874741721205E-12
*****
i=32296
k(32296)=0.99997033564017
kQ(32296)=0.99994067216031
r1= : 4.4222016491986E-12
rpunto1: = 2309134.9082644
rduepunti0 : = -1.1148005611243E+25
fil : = 488.27081723834
fipunto1 : = 6.3785748340271E+17
fi_gradi : = 27975.85708716
t1 : = 1.0809230537349E-14
tpunto1 : = 1.0004228161701
tduepunti0 : = -6.6705095648766E+14
v=v_elettrone : = 3646388.5347176
x0= : -1.080781308904E-12
y0= : -4.2878179453382E-12
```

```
*****
i=32297
k(32297)=0.99997036921907
kQ(32297)=0.99994073931613
r1= : 4.4224724615234E-12
rpunto1:= 2307827.6319626
rduepunti0 := -1.1146750229998E+25
fil := 488.27089204543
fipunto1 := 6.3777935957135E+17
fi_gradi := 27975.861373291
t1 := 1.0809230654677E-14
tpunto1 := 1.0004227379931
tduepunti0 := -6.6659170970455E+14
v=v_elettrone := 3645426.4375857
x0= : -1.0805267154859E-12
y0= : -4.2881615458488E-12
*****
i=32298
k(32298)=0.99997040277519
kQ(32298)=0.99994080642637
r1= : 4.4227431205325E-12
rpunto1:= 2306520.5027822
rduepunti0 := -1.1145495769362E+25
fil := 488.27096684336
fipunto1 := 6.3770129431215E+17
fi_gradi := 27975.865658897
t1 := 1.0809230772005E-14
tpunto1 := 1.0004226598699
tduepunti0 := -6.6613265929923E+14
v=v_elettrone := 3644464.7492123
x0= : -1.0802720785707E-12
y0= : -4.2885049736701E-12
*****
i=32299
k(32299)=0.99997043630852
kQ(32299)=0.99994087349105
r1= : 4.4230136262432E-12
rpunto1:= 2305213.5206154
rduepunti0 := -1.1144242228852E+25
fil := 488.27104163213
fipunto1 := 6.3762328759228E+17
fi_gradi := 27975.869943978
t1 := 1.0809230889333E-14
tpunto1 := 1.0004225818005
tduepunti0 := -6.656738050864E+14
v=v_elettrone := 3643503.469755
x0= : -1.0800173981766E-12
y0= : -4.2888482288201E-12
*****
i=32300
k(32300)=0.99997046981907
kQ(32300)=0.99994094051018
r1= : 4.4232839786727E-12
rpunto1:= 2303906.6853544
rduepunti0 := -1.1142989607985E+25
fil := 488.27111641176
fipunto1 := 6.3754533937891E+17
fi_gradi := 27975.874228535
t1 := 1.0809231006662E-14
tpunto1 := 1.000422503785
tduepunti0 := -6.6521514688094E+14
v=v_elettrone := 3642542.5976999
x0= : -1.0797626743217E-12
y0= : -4.2891913113167E-12
```

```
*****
i=32301
k(32301)=0.99997050330686
kQ(32301)=0.99994100748378
r1= : 4.4235541778384E-12
rpunto1: = 2302599.9968913
rduepunti0 : = -1.1141737906278E+25
fil : = 488.27119118224
fipunto1 : = 6.3746744963926E+17
fi_gradi : = 27975.878512568
t1 : = 1.080923112399E-14
tpunto1 : = 1.0004224258232
tduepunti0 : = -6.6475668449788E+14
v=v_elettrone : = 3641582.1348671
x0= : -1.0795079070245E-12
y0= : -4.2895342211777E-12
*****
i=32302
k(32302)=0.9999705367719
kQ(32302)=0.99994107441188
r1= : 4.4238242237573E-12
rpunto1: = 2301293.4551184
rduepunti0 : = -1.1140487123251E+25
fil : = 488.27126594359
fipunto1 : = 6.3738961834059E+17
fi_gradi : = 27975.882796078
t1 : = 1.0809231241318E-14
tpunto1 : = 1.0004223479151
tduepunti0 : = -6.6429841775242E+14
v=v_elettrone : = 3640622.0814098
x0= : -1.0792530963032E-12
y0= : -4.289876958421E-12
*****
i=32303
k(32303)=0.99997057021419
kQ(32303)=0.99994114129449
r1= : 4.4240941164467E-12
rpunto1: = 2299987.059928
rduepunti0 : = -1.113923725842E+25
fil : = 488.27134069581
fipunto1 : = 6.3731184545017E+17
fi_gradi : = 27975.887079065
t1 : = 1.0809231358646E-14
tpunto1 : = 1.0004222700608
tduepunti0 : = -6.6384034645993E+14
v=v_elettrone : = 3639662.4358222
x0= : -1.0789982421758E-12
y0= : -4.2902195230644E-12
*****
i=32304
k(32304)=0.99997060363374
kQ(32304)=0.99994120813163
r1= : 4.4243638559237E-12
rpunto1: = 2298680.8112125
rduepunti0 : = -1.1137988311306E+25
fil : = 488.27141543892
fipunto1 : = 6.3723413093534E+17
fi_gradi : = 27975.891361529
t1 : = 1.0809231475975E-14
tpunto1 : = 1.0004221922602
tduepunti0 : = -6.6338247043596E+14
v=v_elettrone : = 3638703.1999049
x0= : -1.0787433446607E-12
y0= : -4.2905619151258E-12
```

```
*****
i=32305
k(32305)=0.99997063703056
kQ(32305)=0.99994127492331
r1= : 4.4246334422057E-12
rpunto1: = 2297374.7088644
rduepunti0 : = -1.1136740281427E+25
fil : = 488.2714901729
fipunto1 : = 6.3715647476344E+17
fi_gradi : = 27975.895643471
t1 : = 1.0809231593303E-14
tpunto1 : = 1.0004221145132
tduepunti0 : = -6.6292478949621E+14
v=v_elettrone : = 3637744.3721672
x0= : -1.0784884037759E-12
y0= : -4.290904134623E-12
*****
i=32306
k(32306)=0.99997067040467
kQ(32306)=0.99994134166956
r1= : 4.4249028753096E-12
rpunto1: = 2296068.752776
rduepunti0 : = -1.1135493168304E+25
fil : = 488.27156489778
fipunto1 : = 6.3707887690186E+17
fi_gradi : = 27975.899924891
t1 : = 1.0809231710631E-14
tpunto1 : = 1.0004220368199
tduepunti0 : = -6.6246730345656E+14
v=v_elettrone : = 3636785.9544133
x0= : -1.0782334195397E-12
y0= : -4.2912461815739E-12
*****
i=32307
k(32307)=0.99997070375606
kQ(32307)=0.9999414083704
r1= : 4.4251721552527E-12
rpunto1: = 2294762.9428399
rduepunti0 : = -1.1134246971457E+25
fil : = 488.27163961356
fipunto1 : = 6.3700133731802E+17
fi_gradi : = 27975.90420579
t1 : = 1.0809231827959E-14
tpunto1 : = 1.0004219591802
tduepunti0 : = -6.6201001213306E+14
v=v_elettrone : = 3635827.945145
x0= : -1.0779783919703E-12
y0= : -4.2915880559961E-12
*****
i=32308
k(32308)=0.99997073708476
kQ(32308)=0.99994147502583
r1= : 4.4254412820522E-12
rpunto1: = 2293457.2789488
rduepunti0 : = -1.1133001690407E+25
fil : = 488.27171432024
fipunto1 : = 6.3692385597938E+17
fi_gradi : = 27975.908486167
t1 : = 1.0809231945287E-14
tpunto1 : = 1.0004218815942
tduepunti0 : = -6.615529153419E+14
v=v_elettrone : = 3634870.3444966
x0= : -1.0777233210857E-12
y0= : -4.2919297579075E-12
```

```
*****
i=32309
k(32309)=0.99997077039076
kQ(32309)=0.99994154163589
r1= : 4.4257102557251E-12
rpunto1: = 2292151.7609953
rduepunti0 : = -1.1131757324676E+25
fil : = 488.27178901784
fipunto1 : = 6.3684643285342E+17
fi_gradi : = 27975.912766024
t1 : = 1.0809232062616E-14
tpunto1 : = 1.0004218040617
tduepunti0 : = -6.6109601289946E+14
v=v_elettrone : = 3633913.1543219
x0= : -1.0774682069041E-12
y0= : -4.2922712873259E-12
*****
i=32310
k(32310)=0.99997080367408
kQ(32310)=0.99994160820058
r1= : 4.4259790762885E-12
rpunto1: = 2290846.3888721
rduepunti0 : = -1.1130513873784E+25
fil : = 488.27186370636
fipunto1 : = 6.3676906790768E+17
fi_gradi : = 27975.917045361
t1 : = 1.0809232179944E-14
tpunto1 : = 1.0004217265828
tduepunti0 : = -6.606393046223E+14
v=v_elettrone : = 3632956.3714006
x0= : -1.0772130494437E-12
y0= : -4.292612644269E-12
*****
i=32311
k(32311)=0.99997083693472
kQ(32311)=0.99994167471993
r1= : 4.4262477437596E-12
rpunto1: = 2289541.1624719
rduepunti0 : = -1.1129271337256E+25
fil : = 488.2719383858
fipunto1 : = 6.366917611097E+17
fi_gradi : = 27975.921324178
t1 : = 1.0809232297272E-14
tpunto1 : = 1.0004216491574
tduepunti0 : = -6.6018279032711E+14
v=v_elettrone : = 3631999.9992497
x0= : -1.0769578487227E-12
y0= : -4.2929538287545E-12
*****
i=32312
k(32312)=0.9999708701727
kQ(32312)=0.99994174119396
r1= : 4.4265162581555E-12
rpunto1: = 2288236.0816876
rduepunti0 : = -1.1128029714613E+25
fil : = 488.27201305618
fipunto1 : = 6.3661451242707E+17
fi_gradi : = 27975.925602476
t1 : = 1.08092324146E-14
tpunto1 : = 1.0004215717856
tduepunti0 : = -6.5972646983077E+14
v=v_elettrone : = 3631044.0346778
x0= : -1.076702604759E-12
y0= : -4.2932948408003E-12
```

```
*****
i=32313
k(32313)=0.99997090338803
kQ(32313)=0.99994180762267
r1= : 4.4267846194932E-12
rpunto1 : = 2286931.1464121
rduepunti0 : = -1.112678900538E+25
fil : = 488.2720877175
fipunto1 : = 6.3653732182743E+17
fi_gradi : = 27975.929880254
t1 : = 1.0809232531928E-14
tpunto1 : = 1.0004214944672
tduepunti0 : = -6.5927034295033E+14
v=v_elettrone : = 3630088.4811811
x0= : -1.076447317571E-12
y0= : -4.2936356804239E-12
*****
i=32314
k(32314)=0.99997093658071
kQ(32314)=0.9999418740061
r1= : 4.4270528277898E-12
rpunto1 : = 2285626.3565382
rduepunti0 : = -1.1125549209079E+25
fil : = 488.27216236976
fipunto1 : = 6.3646018927842E+17
fi_gradi : = 27975.934157514
t1 : = 1.0809232649256E-14
tpunto1 : = 1.0004214172023
tduepunti0 : = -6.5881440950298E+14
v=v_elettrone : = 3629133.3355601
x0= : -1.0761919871766E-12
y0= : -4.2939763476431E-12
*****
i=32315
k(32315)=0.99997096975075
kQ(32315)=0.99994194034426
r1= : 4.4273208830623E-12
rpunto1 : = 2284321.7119591
rduepunti0 : = -1.1124310325235E+25
fil : = 488.27223701298
fipunto1 : = 6.3638311474774E+17
fi_gradi : = 27975.938434255
t1 : = 1.0809232766584E-14
tpunto1 : = 1.0004213399909
tduepunti0 : = -6.5835866930611E+14
v=v_elettrone : = 3628178.5996694
x0= : -1.075936613594E-12
y0= : -4.2943168424755E-12
*****
i=32316
k(32316)=0.99997100289816
kQ(32316)=0.99994200663716
r1= : 4.4275887853278E-12
rpunto1 : = 2283017.2125676
rduepunti0 : = -1.1123072353373E+25
fil : = 488.27231164716
fipunto1 : = 6.3630609820312E+17
fi_gradi : = 27975.942710479
t1 : = 1.0809232883912E-14
tpunto1 : = 1.0004212628328
tduepunti0 : = -6.5790312217724E+14
v=v_elettrone : = 3627224.2736381
x0= : -1.0756811968414E-12
y0= : -4.294657164939E-12
```

```
*****
i=32317
k(32317)=0.99997103602296
kQ(32317)=0.99994207288483
r1= : 4.4278565346034E-12
rpunto1: = 2281712.858257
rduepunti0 : = -1.1121835293018E+25
fil : = 488.27238627231
fipunto1 : = 6.362291396123E+17
fi_gradi : = 27975.946986185
t1 : = 1.0809233001241E-14
tpunto1 : = 1.0004211857282
tduepunti0 : = -6.5744776793409E+14
v=v_elettrone : = 3626270.3559551
x0= : -1.0754257369366E-12
y0= : -4.294997315051E-12
*****
i=32318
k(32318)=0.99997106912514
kQ(32318)=0.99994213908728
r1= : 4.4281241309059E-12
rpunto1: = 2280408.6489204
rduepunti0 : = -1.1120599143696E+25
fil : = 488.27246088843
fipunto1 : = 6.3615223894308E+17
fi_gradi : = 27975.951261374
t1 : = 1.0809233118569E-14
tpunto1 : = 1.000421108677
tduepunti0 : = -6.5699260639451E+14
v=v_elettrone : = 3625316.8484517
x0= : -1.075170233898E-12
y0= : -4.2953372928292E-12
*****
i=32319
k(32319)=0.99997110220473
kQ(32319)=0.99994220524453
r1= : 4.4283915742526E-12
rpunto1: = 2279104.5844509
rduepunti0 : = -1.1119363904932E+25
fil : = 488.27253549554
fipunto1 : = 6.360753961633E+17
fi_gradi : = 27975.955536046
t1 : = 1.0809233235897E-14
tpunto1 : = 1.0004210316791
tduepunti0 : = -6.5653763737654E+14
v=v_elettrone : = 3624363.7496087
x0= : -1.0749146877434E-12
y0= : -4.2956770982914E-12
*****
i=32320
k(32320)=0.99997113526172
kQ(32320)=0.99994227135661
r1= : 4.4286588646602E-12
rpunto1: = 2277800.6647419
rduepunti0 : = -1.1118129576255E+25
fil : = 488.27261009363
fipunto1 : = 6.3599861124079E+17
fi_gradi : = 27975.959810202
t1 : = 1.0809233353225E-14
tpunto1 : = 1.0004209547346
tduepunti0 : = -6.5608286069838E+14
v=v_elettrone : = 3623411.0612498
x0= : -1.0746590984912E-12
y0= : -4.296016731455E-12
```



```
*****
i=32321
k(32321)=0.99997116829612
kQ(32321)=0.99994233742352
r1= : 4.4289260021458E-12
rpunto1: = 2276496.8896867
rduepunti0 : = -1.111689615719E+25
fil : = 488.27268468271
fipunto1 : = 6.3592188414346E+17
fi_gradi : = 27975.964083842
t1 : = 1.0809233470553E-14
tpunto1 : = 1.0004208778433
tduepunti0 : = -6.5562827617838E+14
v=v_elettrone : = 3622458.7818658
x0= : -1.0744034661591E-12
y0= : -4.2963561923377E-12
*****
i=32322
k(32322)=0.99997120130796
kQ(32322)=0.99994240344528
r1= : 4.4291929867264E-12
rpunto1: = 2275193.2591787
rduepunti0 : = -1.1115663647266E+25
fil : = 488.2727592628
fipunto1 : = 6.3584521483923E+17
fi_gradi : = 27975.968356966
t1 : = 1.0809233587881E-14
tpunto1 : = 1.0004208010054
tduepunti0 : = -6.5517388363508E+14
v=v_elettrone : = 3621506.913274
x0= : -1.0741477907654E-12
y0= : -4.2966954809571E-12
*****
i=32323
k(32323)=0.99997123429723
kQ(32323)=0.99994246942192
r1= : 4.4294598184189E-12
rpunto1: = 2273889.7731112
rduepunti0 : = -1.111443204601E+25
fil : = 488.2728338339
fipunto1 : = 6.3576860329607E+17
fi_gradi : = 27975.972629575
t1 : = 1.0809233705209E-14
tpunto1 : = 1.0004207242207
tduepunti0 : = -6.5471968288715E+14
v=v_elettrone : = 3620555.453967
x0= : -1.0738920723279E-12
y0= : -4.2970345973308E-12
*****
i=32324
k(32324)=0.99997126726394
kQ(32324)=0.99994253535345
r1= : 4.4297264972403E-12
rpunto1: = 2272586.4313778
rduepunti0 : = -1.1113201352952E+25
fil : = 488.27290839601
fipunto1 : = 6.3569204948195E+17
fi_gradi : = 27975.976901669
t1 : = 1.0809233822537E-14
tpunto1 : = 1.0004206474893
tduepunti0 : = -6.5426567375345E+14
v=v_elettrone : = 3619604.4040848
x0= : -1.0736363108648E-12
y0= : -4.2973735414763E-12
```

```
*****
i=32325
k(32325)=0.9999713002081
kQ(32325)=0.99994260123988
r1= : 4.4299930232075E-12
rpunto1: = 2271283.233872
rduepunti0 : = -1.1111971567619E+25
fil : = 488.27298294914
fipunto1 : = 6.356155533649E+17
fi_gradi : = 27975.981173249
t1 : = 1.0809233939865E-14
tpunto1 : = 1.0004205708111
tduepunti0 : = -6.53811856053E+14
v=v_elettrone : = 3618653.7638009
x0= : -1.0733805063939E-12
y0= : -4.2977123134112E-12
*****
i=32326
k(32326)=0.99997133312973
kQ(32326)=0.99994266708125
r1= : 4.4302593963373E-12
rpunto1: = 2269980.1804874
rduepunti0 : = -1.1110742689543E+25
fil : = 488.2730574933
fipunto1 : = 6.3553911491299E+17
fi_gradi : = 27975.985444315
t1 : = 1.0809234057193E-14
tpunto1 : = 1.0004204941861
tduepunti0 : = -6.5335822960497E+14
v=v_elettrone : = 3617703.5332724
x0= : -1.0731246589335E-12
y0= : -4.298050913153E-12
*****
i=32327
k(32327)=0.99997136602883
kQ(32327)=0.99994273287756
r1= : 4.4305256166468E-12
rpunto1: = 2268677.2711177
rduepunti0 : = -1.1109514718252E+25
fil : = 488.2731320285
fipunto1 : = 6.3546273409431E+17
fi_gradi : = 27975.989714867
t1 : = 1.0809234174521E-14
tpunto1 : = 1.0004204176143
tduepunti0 : = -6.5290479422871E+14
v=v_elettrone : = 3616753.7126315
x0= : -1.0728687685014E-12
y0= : -4.2983893407193E-12
*****
i=32328
k(32328)=0.9999713989054
kQ(32328)=0.99994279862883
r1= : 4.4307916841527E-12
rpunto1: = 2267374.5056566
rduepunti0 : = -1.1108287653277E+25
fil : = 488.27320655474
fipunto1 : = 6.3538641087697E+17
fi_gradi : = 27975.993984906
t1 : = 1.0809234291849E-14
tpunto1 : = 1.0004203410956
tduepunti0 : = -6.5245154974371E+14
v=v_elettrone : = 3615804.3020558
x0= : -1.0726128351158E-12
y0= : -4.2987275961275E-12
```

```
*****
i=32329
k(32329)=0.99997143175947
kQ(32329)=0.99994286433508
r1= : 4.431057598872E-12
rpunto1 : = 2266071.8839978
rduepunti0 : = -1.1107061494149E+25
fil : = 488.27328107203
fipunto1 : = 6.3531014522913E+17
fi_gradi : = 27975.998254432
t1 : = 1.0809234409177E-14
tpunto1 : = 1.0004202646301
tduepunti0 : = -6.5199849596965E+14
v=v_elettrone : = 3614855.3016848
x0= : -1.0723568587945E-12
y0= : -4.2990656793951E-12
*****
i=32330
k(32330)=0.99997146459103
kQ(32330)=0.99994292999633
r1= : 4.4313233608216E-12
rpunto1 : = 2264769.4060352
rduepunti0 : = -1.1105836240399E+25
fil : = 488.27335558037
fipunto1 : = 6.3523393711899E+17
fi_gradi : = 27976.002523446
t1 : = 1.0809234526505E-14
tpunto1 : = 1.0004201882177
tduepunti0 : = -6.5154563272635E+14
v=v_elettrone : = 3613906.710017
x0= : -1.0721008395555E-12
y0= : -4.2994035905397E-12
*****
i=32331
k(32331)=0.9999714974001
kQ(32331)=0.9999429956126
r1= : 4.4315889700182E-12
rpunto1 : = 2263467.0716626
rduepunti0 : = -1.110461189156E+25
fil : = 488.27343007978
fipunto1 : = 6.3515778651477E+17
fi_gradi : = 27976.006791947
t1 : = 1.0809234643833E-14
tpunto1 : = 1.0004201118583
tduepunti0 : = -6.5109295983381E+14
v=v_elettrone : = 3612958.5288709
x0= : -1.071844777417E-12
y0= : -4.2997413295787E-12
*****
i=32332
k(32332)=0.99997153018669
kQ(32332)=0.9999430611839
r1= : 4.4318544264788E-12
rpunto1 : = 2262164.8807739
rduepunti0 : = -1.1103388447164E+25
fil : = 488.27350457025
fipunto1 : = 6.3508169338472E+17
fi_gradi : = 27976.011059937
t1 : = 1.0809234761161E-14
tpunto1 : = 1.0004200355521
tduepunti0 : = -6.5064047711218E+14
v=v_elettrone : = 3612010.7584044
x0= : -1.0715886723968E-12
y0= : -4.3000788965295E-12
```

```
*****
i=32333
k(32333)=0.9999715629508
kQ(32333)=0.99994312671026
r1= : 4.4321197302201E-12
rpunto1 : = 2260862.8332632
rduepunti0 : = -1.1102165906743E+25
fil : = 488.2735790518
fipunto1 : = 6.3500565769714E+17
fi_gradi : = 27976.015327416
t1 : = 1.0809234878489E-14
tpunto1 : = 1.0004199592989
tduepunti0 : = -6.5018818438176E+14
v=v_elettrone : = 3611063.3987753
x0= : -1.0713325245128E-12
y0= : -4.3004162914095E-12
*****
i=32334
k(32334)=0.99997159569244
kQ(32334)=0.99994319219168
r1= : 4.432384881259E-12
rpunto1 : = 2259560.9290245
rduepunti0 : = -1.1100944269831E+25
fil : = 488.27365352444
fipunto1 : = 6.3492967942034E+17
fi_gradi : = 27976.019594383
t1 : = 1.0809234995817E-14
tpunto1 : = 1.0004198830987
tduepunti0 : = -6.4973608146305E+14
v=v_elettrone : = 3610116.4484569
x0= : -1.0710763337829E-12
y0= : -4.3007535142364E-12
*****
i=32335
k(32335)=0.99997162841162
kQ(32335)=0.99994325762819
r1= : 4.4326498796122E-12
rpunto1 : = 2258259.1679519
rduepunti0 : = -1.1099723535961E+25
fil : = 488.27372798816
fipunto1 : = 6.3485375852268E+17
fi_gradi : = 27976.02386084
t1 : = 1.0809235113145E-14
tpunto1 : = 1.0004198069515
tduepunti0 : = -6.4928416817667E+14
v=v_elettrone : = 3609169.9076129
x0= : -1.0708201002252E-12
y0= : -4.3010905650273E-12
*****
i=32336
k(32336)=0.99997166110836
kQ(32336)=0.99994332301981
r1= : 4.4329147252967E-12
rpunto1 : = 2256957.5499395
rduepunti0 : = -1.1098503704668E+25
fil : = 488.27380244298
fipunto1 : = 6.3477789497254E+17
fi_gradi : = 27976.028126787
t1 : = 1.0809235230473E-14
tpunto1 : = 1.0004197308572
tduepunti0 : = -6.4883244434342E+14
v=v_elettrone : = 3608223.7780839
x0= : -1.0705638238576E-12
y0= : -4.3014274437998E-12
```

```
*****
i=32337
k(32337)=0.99997169378265
kQ(32337)=0.99994338836655
r1= : 4.433179418329E-12
rpunto1 : = 2255656.0748815
rduepunti0 : = -1.1097284775486E+25
fil : = 488.2738768889
fipunto1 : = 6.3470208873836E+17
fi_gradi : = 27976.032392224
t1 : = 1.0809235347801E-14
tpunto1 : = 1.000419654816
tduepunti0 : = -6.4838090978427E+14
v=v_elettrone : = 3607278.0583315
x0= : -1.0703075046979E-12
y0= : -4.3017641505712E-12
*****
i=32338
k(32338)=0.99997172643452
kQ(32338)=0.99994345366843
r1= : 4.4334439587261E-12
rpunto1 : = 2254354.7426721
rduepunti0 : = -1.1096066747951E+25
fil : = 488.27395132593
fipunto1 : = 6.3462633978857E+17
fi_gradi : = 27976.036657152
t1 : = 1.0809235465129E-14
tpunto1 : = 1.0004195788276
tduepunti0 : = -6.4792956432033E+14
v=v_elettrone : = 3606332.7501932
x0= : -1.0700511427642E-12
y0= : -4.3021006853589E-12
*****
i=32339
k(32339)=0.99997175906396
kQ(32339)=0.99994351892547
r1= : 4.4337083465046E-12
rpunto1 : = 2253053.5532058
rduepunti0 : = -1.1094849621598E+25
fil : = 488.27402575408
fipunto1 : = 6.3455064809167E+17
fi_gradi : = 27976.040921571
t1 : = 1.0809235582456E-14
tpunto1 : = 1.0004195028922
tduepunti0 : = -6.4747840777289E+14
v=v_elettrone : = 3605387.8521644
x0= : -1.0697947380741E-12
y0= : -4.3024370481802E-12
*****
i=32340
k(32340)=0.99997179167099
kQ(32340)=0.99994358413768
r1= : 4.4339725816814E-12
rpunto1 : = 2251752.5063768
rduepunti0 : = -1.1093633395963E+25
fil : = 488.27410017335
fipunto1 : = 6.3447501361618E+17
fi_gradi : = 27976.045185481
t1 : = 1.0809235699784E-14
tpunto1 : = 1.0004194270097
tduepunti0 : = -6.4702743996338E+14
v=v_elettrone : = 3604443.3626993
x0= : -1.0695382906456E-12
y0= : -4.3027732390527E-12
```

```

*****
i=32341
k(32341)=0.99997182425561
kQ(32341)=0.99994364930509
r1= : 4.434236664273E-12
rpunto1: = 2250451.6020796
rduepunti0 : = -1.1092418070584E+25
fil : = 488.27417458375
fipunto1 : = 6.3439943633064E+17
fi_gradi : = 27976.049448883
t1 : = 1.0809235817112E-14
tpunto1 : = 1.00041935118
tduepunti0 : = -6.465766607134E+14
v=v_elettrone : = 3603499.2853324
x0= : -1.0692818004968E-12
y0= : -4.3031092579934E-12
*****
i=32342
k(32342)=0.99997185681783
kQ(32342)=0.99994371442771
r1= : 4.4345005942963E-12
rpunto1: = 2249150.8402087
rduepunti0 : = -1.1091203644995E+25
fil : = 488.27424898529
fipunto1 : = 6.3432391620364E+17
fi_gradi : = 27976.053711777
t1 : = 1.080923593444E-14
tpunto1 : = 1.0004192754032
tduepunti0 : = -6.4612606984472E+14
v=v_elettrone : = 3602555.6185311
x0= : -1.0690252676455E-12
y0= : -4.3034451050198E-12
*****
i=32343
k(32343)=0.99997188935767
kQ(32343)=0.99994377950556
r1= : 4.4347643717679E-12
rpunto1: = 2247850.2206585
rduepunti0 : = -1.1089990118736E+25
fil : = 488.27432337797
fipunto1 : = 6.342484532038E+17
fi_gradi : = 27976.057974164
t1 : = 1.0809236051768E-14
tpunto1 : = 1.0004191996792
tduepunti0 : = -6.4567566717926E+14
v=v_elettrone : = 3601612.3624453
x0= : -1.0687686921094E-12
y0= : -4.3037807801491E-12
*****
i=32344
k(32344)=0.99997192187514
kQ(32344)=0.99994384453865
r1= : 4.4350279967046E-12
rpunto1: = 2246549.7433236
rduepunti0 : = -1.1088777491345E+25
fil : = 488.2743977618
fipunto1 : = 6.3417304729977E+17
fi_gradi : = 27976.062236043
t1 : = 1.0809236169096E-14
tpunto1 : = 1.000419124008
tduepunti0 : = -6.4522545253909E+14
v=v_elettrone : = 3600669.5155711
x0= : -1.0685120739065E-12
y0= : -4.3041162833988E-12

```

```
*****
i=32345
k(32345)=0.99997195437023
kQ(32345)=0.99994390952701
r1= : 4.435291469123E-12
rpunto1: = 2245249.4080988
rduepunti0 : = -1.1087565762359E+25
fil : = 488.27447213679
fipunto1 : = 6.3409769846022E+17
fi_gradi : = 27976.066497416
t1 : = 1.0809236286424E-14
tpunto1 : = 1.0004190483896
tduepunti0 : = -6.4477542574646E+14
v=v_elettrone : = 3599727.0814063
x0= : -1.0682554130547E-12
y0= : -4.3044516147859E-12
*****
i=32346
k(32346)=0.99997198684296
kQ(32346)=0.99994397447065
r1= : 4.4355547890398E-12
rpunto1: = 2243949.2148786
rduepunti0 : = -1.1086354931317E+25
fil : = 488.27454650294
fipunto1 : = 6.3402240665387E+17
fi_gradi : = 27976.070758282
t1 : = 1.0809236403752E-14
tpunto1 : = 1.0004189728239
tduepunti0 : = -6.4432558662376E+14
v=v_elettrone : = 3598785.0567619
x0= : -1.0679987095717E-12
y0= : -4.3047867743279E-12
*****
i=32347
k(32347)=0.99997201929334
kQ(32347)=0.9999440393696
r1= : 4.4358179564716E-12
rpunto1: = 2242649.1635579
rduepunti0 : = -1.1085144997759E+25
fil : = 488.27462086025
fipunto1 : = 6.3394717184947E+17
fi_gradi : = 27976.075018643
t1 : = 1.0809236521079E-14
tpunto1 : = 1.000418897311
tduepunti0 : = -6.4387593499355E+14
v=v_elettrone : = 3597843.4434644
x0= : -1.0677419634754E-12
y0= : -4.305121762042E-12
*****
i=32348
k(32348)=0.99997205172137
kQ(32348)=0.99994410422385
r1= : 4.4360809714351E-12
rpunto1: = 2241349.2540314
rduepunti0 : = -1.1083935961225E+25
fil : = 488.27469520875
fipunto1 : = 6.338719940158E+17
fi_gradi : = 27976.079278498
t1 : = 1.0809236638407E-14
tpunto1 : = 1.0004188218508
tduepunti0 : = -6.4342647067855E+14
v=v_elettrone : = 3596902.240005
x0= : -1.0674851747837E-12
y0= : -4.3054565779454E-12
```

```
*****
i=32349
k(32349)=0.99997208412708
kQ(32349)=0.99994416903345
r1= : 4.436343833947E-12
rpunto1: = 2240049.486194
rduepunti0 : = -1.1082727821255E+25
fil : = 488.27476954843
fipunto1 : = 6.3379687312167E+17
fi_gradi : = 27976.083537848
t1 : = 1.0809236755735E-14
tpunto1 : = 1.0004187464433
tduepunti0 : = -6.4297719350163E+14
v=v_elettrone : = 3595961.4482019
x0= : -1.0672283435144E-12
y0= : -4.3057912220553E-12
*****
i=32350
k(32350)=0.99997211651045
kQ(32350)=0.99994423379839
r1= : 4.4366065440237E-12
rpunto1: = 2238749.8599405
rduepunti0 : = -1.1081520577389E+25
fil : = 488.2748438793
fipunto1 : = 6.3372180913591E+17
fi_gradi : = 27976.087796693
t1 : = 1.0809236873063E-14
tpunto1 : = 1.0004186710884
tduepunti0 : = -6.4252810328582E+14
v=v_elettrone : = 3595021.0665415
x0= : -1.0669714696853E-12
y0= : -4.306125694389E-12
*****
i=32351
k(32351)=0.99997214887151
kQ(32351)=0.99994429851871
r1= : 4.436869101682E-12
rpunto1: = 2237450.375166
rduepunti0 : = -1.1080314229169E+25
fil : = 488.27491820136
fipunto1 : = 6.3364680202742E+17
fi_gradi : = 27976.092055034
t1 : = 1.0809236990391E-14
tpunto1 : = 1.0004185957862
tduepunti0 : = -6.4207919985431E+14
v=v_elettrone : = 3594081.096864
x0= : -1.0667145533143E-12
y0= : -4.3064599949635E-12
*****
i=32352
k(32352)=0.99997218121026
kQ(32352)=0.99994436319441
r1= : 4.4371315069384E-12
rpunto1: = 2236151.0317655
rduepunti0 : = -1.1079108776136E+25
fil : = 488.27499251463
fipunto1 : = 6.3357185176509E+17
fi_gradi : = 27976.09631287
t1 : = 1.0809237107718E-14
tpunto1 : = 1.0004185205366
tduepunti0 : = -6.4163048303045E+14
v=v_elettrone : = 3593141.5376472
x0= : -1.0664575944191E-12
y0= : -4.3067941237963E-12
```



```
*****
i=32353
k(32353)=0.99997221352671
kQ(32353)=0.99994442782552
r1= : 4.4373937598095E-12
rpunto1: = 2234851.829634
rduepunti0 : = -1.1077904217833E+25
fil : = 488.27506681911
fipunto1 : = 6.3349695831786E+17
fi_gradi : = 27976.100570203
t1 : = 1.0809237225046E-14
tpunto1 : = 1.0004184453396
tduepunti0 : = -6.4118195263775E+14
v=v_elettrone : = 3592202.3907259
x0= : -1.0662005930175E-12
y0= : -4.3071280809043E-12
*****
i=32354
k(32354)=0.99997224582088
kQ(32354)=0.99994449241205
r1= : 4.4376558603118E-12
rpunto1: = 2233552.7686666
rduepunti0 : = -1.1076700553802E+25
fil : = 488.27514111481
fipunto1 : = 6.3342212165471E+17
fi_gradi : = 27976.104827033
t1 : = 1.0809237342374E-14
tpunto1 : = 1.0004183701952
tduepunti0 : = -6.4073360849987E+14
v=v_elettrone : = 3591263.6545709
x0= : -1.0659435491271E-12
y0= : -4.3074618663048E-12
*****
i=32355
k(32355)=0.99997227809275
kQ(32355)=0.99994455695401
r1= : 4.437917808462E-12
rpunto1: = 2232253.8487585
rduepunti0 : = -1.1075497783585E+25
fil : = 488.27521540173
fipunto1 : = 6.3334734174465E+17
fi_gradi : = 27976.10908336
t1 : = 1.0809237459702E-14
tpunto1 : = 1.0004182951034
tduepunti0 : = -6.4028545044063E+14
v=v_elettrone : = 3590325.3276703
x0= : -1.0656864627659E-12
y0= : -4.307795480015E-12
*****
i=32356
k(32356)=0.99997231034236
kQ(32356)=0.99994462145144
r1= : 4.4381796042766E-12
rpunto1: = 2230955.069805
rduepunti0 : = -1.1074295906728E+25
fil : = 488.27528967988
fipunto1 : = 6.3327261855671E+17
fi_gradi : = 27976.113339185
t1 : = 1.0809237577029E-14
tpunto1 : = 1.0004182200641
tduepunti0 : = -6.39837478284E+14
v=v_elettrone : = 3589387.4135359
x0= : -1.0654293339517E-12
y0= : -4.3081289220518E-12
```

```
*****
i=32357
k(32357)=0.9999723425697
kQ(32357)=0.99994468590434
r1= : 4.4384412477721E-12
rpunto1: = 2229656.4317013
rduepunti0 : = -1.1073094922772E+25
fil : = 488.27536394926
fipunto1 : = 6.3319795205996E+17
fi_gradi : = 27976.117594507
t1 : = 1.0809237694357E-14
tpunto1 : = 1.0004181450773
tduepunti0 : = -6.3938969185413E+14
v=v_elettrone : = 3588449.910646
x0= : -1.0651721627022E-12
y0= : -4.3084621924326E-12
*****
i=32358
k(32358)=0.99997237477479
kQ(32358)=0.99994475031273
r1= : 4.438702738965E-12
rpunto1: = 2228357.9343428
rduepunti0 : = -1.1071894831264E+25
fil : = 488.27543820989
fipunto1 : = 6.331233422235E+17
fi_gradi : = 27976.121849327
t1 : = 1.0809237811685E-14
tpunto1 : = 1.000418070143
tduepunti0 : = -6.389420909753E+14
v=v_elettrone : = 3587512.8191584
x0= : -1.0649149490351E-12
y0= : -4.3087952911743E-12
*****
i=32359
k(32359)=0.99997240695763
kQ(32359)=0.99994481467663
r1= : 4.4389640778718E-12
rpunto1: = 2227059.5776249
rduepunti0 : = -1.1070695631747E+25
fil : = 488.27551246177
fipunto1 : = 6.3304878901646E+17
fi_gradi : = 27976.126103647
t1 : = 1.0809237929013E-14
tpunto1 : = 1.0004179952612
tduepunti0 : = -6.3849467547196E+14
v=v_elettrone : = 3586576.1392338
x0= : -1.0646576929682E-12
y0= : -4.3091282182941E-12
*****
i=32360
k(32360)=0.99997243911823
kQ(32360)=0.99994487899606
r1= : 4.439225264509E-12
rpunto1: = 2225761.3614429
rduepunti0 : = -1.1069497323767E+25
fil : = 488.2755867049
fipunto1 : = 6.3297429240801E+17
fi_gradi : = 27976.130357465
t1 : = 1.080923804634E-14
tpunto1 : = 1.0004179204318
tduepunti0 : = -6.3804744516871E+14
v=v_elettrone : = 3585639.871022
x0= : -1.0644003945191E-12
y0= : -4.3094609738091E-12
```

```
*****
i=32361
k(32361)=0.9999724712566
kQ(32361)=0.99994494327103
r1= : 4.4394862988931E-12
rpunto1 : = 2224463.2856924
rduepunti0 : = -1.106829990687E+25
fil : = 488.2756609393
fipunto1 : = 6.3289985236735E+17
fi_gradi : = 27976.134610783
t1 : = 1.0809238163668E-14
tpunto1 : = 1.0004178456549
tduepunti0 : = -6.3760039989032E+14
v=v_elettrone : = 3584704.0130175
x0= : -1.0641430537056E-12
y0= : -4.3097935577363E-12
*****
i=32362
k(32362)=0.99997250337275
kQ(32362)=0.99994500750156
r1= : 4.4397471810406E-12
rpunto1 : = 2223165.350269
rduepunti0 : = -1.1067103380602E+25
fil : = 488.27573516497
fipunto1 : = 6.3282546886371E+17
fi_gradi : = 27976.1388636
t1 : = 1.0809238280996E-14
tpunto1 : = 1.0004177709303
tduepunti0 : = -6.371535394617E+14
v=v_elettrone : = 3583768.5670376
x0= : -1.0638856705455E-12
y0= : -4.3101259700927E-12
*****
i=32363
k(32363)=0.99997253546669
kQ(32363)=0.99994507168768
r1= : 4.440007910968E-12
rpunto1 : = 2221867.5550682
rduepunti0 : = -1.106590774451E+25
fil : = 488.27580938191
fipunto1 : = 6.3275114186634E+17
fi_gradi : = 27976.143115918
t1 : = 1.0809238398323E-14
tpunto1 : = 1.0004176962582
tduepunti0 : = -6.3670686370792E+14
v=v_elettrone : = 3582833.5332494
x0= : -1.0636282450565E-12
y0= : -4.3104582108955E-12
*****
i=32364
k(32364)=0.99997256753842
kQ(32364)=0.99994513582938
r1= : 4.4402684886916E-12
rpunto1 : = 2220569.8999856
rduepunti0 : = -1.106471299814E+25
fil : = 488.27588359014
fipunto1 : = 6.3267687134455E+17
fi_gradi : = 27976.147367736
t1 : = 1.0809238515651E-14
tpunto1 : = 1.0004176216384
tduepunti0 : = -6.362603724542E+14
v=v_elettrone : = 3581898.9118222
x0= : -1.0633707772562E-12
y0= : -4.3107902801616E-12
```

```
*****
i=32365
k(32365)=0.99997259958796
kQ(32365)=0.9999451999267
r1= : 4.4405289142279E-12
rpunto1: = 2219272.3849171
rduepunti0 : = -1.106351914104E+25
fil : = 488.27595778966
fipunto1 : = 6.3260265726765E+17
fi_gradi : = 27976.151619055
t1 : = 1.0809238632979E-14
tpunto1 : = 1.0004175470709
tduepunti0 : = -6.3581406552593E+14
v=v_elettrone : = 3580964.699523
x0= : -1.0631132671622E-12
y0= : -4.3111221779081E-12
*****
i=32366
k(32366)=0.99997263161531
kQ(32366)=0.99994526397965
r1= : 4.4407891875934E-12
rpunto1: = 2217975.0097584
rduepunti0 : = -1.1062326172759E+25
fil : = 488.27603198047
fipunto1 : = 6.32528499605E+17
fi_gradi : = 27976.155869876
t1 : = 1.0809238750306E-14
tpunto1 : = 1.0004174725558
tduepunti0 : = -6.3536794274865E+14
v=v_elettrone : = 3580030.901582
x0= : -1.0628557147926E-12
y0= : -4.3114539041519E-12
*****
i=32367
k(32367)=0.99997266362049
kQ(32367)=0.99994532798825
r1= : 4.4410493088044E-12
rpunto1: = 2216677.7744052
rduepunti0 : = -1.1061134092845E+25
fil : = 488.27610616258
fipunto1 : = 6.3245439832599E+17
fi_gradi : = 27976.160120198
t1 : = 1.0809238867634E-14
tpunto1 : = 1.000417398093
tduepunti0 : = -6.3492200394805E+14
v=v_elettrone : = 3579097.5147977
x0= : -1.0625981201646E-12
y0= : -4.3117854589101E-12
*****
i=32368
k(32368)=0.99997269560349
kQ(32368)=0.99994539195252
r1= : 4.4413092778773E-12
rpunto1: = 2215380.6787535
rduepunti0 : = -1.1059942900846E+25
fil : = 488.27618033601
fipunto1 : = 6.3238035340005E+17
fi_gradi : = 27976.164370022
t1 : = 1.0809238984962E-14
tpunto1 : = 1.0004173236825
tduepunti0 : = -6.3447624894997E+14
v=v_elettrone : = 3578164.5392968
x0= : -1.062340483296E-12
y0= : -4.3121168421997E-12
```

```
*****
i=32369
k(32369)=0.99997272756434
kQ(32369)=0.99994545587246
r1= : 4.4415690948285E-12
rpunto1 : = 2214083.7226991
rduepunti0 : = -1.1058752596313E+25
fil : = 488.27625450075
fipunto1 : = 6.3230636479661E+17
fi_gradi : = 27976.168619349
t1 : = 1.0809239102289E-14
tpunto1 : = 1.0004172493242
tduepunti0 : = -6.3403067758041E+14
v=v_elettrone : = 3577231.97526
x0= : -1.0620828042046E-12
y0= : -4.3124480540375E-12
*****
i=32370
k(32370)=0.99997275950303
kQ(32370)=0.99994551974811
r1= : 4.4418287596744E-12
rpunto1 : = 2212786.9061381
rduepunti0 : = -1.1057563178795E+25
fil : = 488.27632865682
fipunto1 : = 6.3223243248518E+17
fi_gradi : = 27976.172868178
t1 : = 1.0809239219617E-14
tpunto1 : = 1.0004171750181
tduepunti0 : = -6.3358528966554E+14
v=v_elettrone : = 3576299.8245285
x0= : -1.0618250829081E-12
y0= : -4.3127790944405E-12
*****
i=32371
k(32371)=0.99997279141958
kQ(32371)=0.99994558357947
r1= : 4.4420882724314E-12
rpunto1 : = 2211490.2289664
rduepunti0 : = -1.1056374647842E+25
fil : = 488.27640280421
fipunto1 : = 6.3215855643525E+17
fi_gradi : = 27976.177116511
t1 : = 1.0809239336945E-14
tpunto1 : = 1.0004171007643
tduepunti0 : = -6.3314008503165E+14
v=v_elettrone : = 3575368.0838841
x0= : -1.0615673194239E-12
y0= : -4.3131099634257E-12
*****
i=32372
k(32372)=0.999972823314
kQ(32372)=0.99994564736656
r1= : 4.4423476331158E-12
rpunto1 : = 2210193.6910801
rduepunti0 : = -1.1055187003005E+25
fil : = 488.27647694294
fipunto1 : = 6.3208473661639E+17
fi_gradi : = 27976.181364347
t1 : = 1.0809239454272E-14
tpunto1 : = 1.0004170265626
tduepunti0 : = -6.3269506350522E+14
v=v_elettrone : = 3574436.7568691
x0= : -1.0613095137699E-12
y0= : -4.31344066101E-12
```

```

*****
i=32373
k(32373)=0.99997285518628
kQ(32373)=0.999945711110941
r1= : 4.4426068417439E-12
rpunto1:= 2208897.2923754
rduepunti0 := -1.1054000243835E+25
fil := 488.27655107301
fipunto1 := 6.3201097299816E+17
fi_gradi := 27976.185611688
t1 := 1.08092395716E-14
tpunto1 := 1.0004169524131
tduepunti0 := -6.3225022491286E+14
v=v_elettrone := 3573505.8419391
x0= : -1.0610516659636E-12
y0= : -4.3137711872102E-12
*****
i=32374
k(32374)=0.99997288703646
kQ(32374)=0.99994577480802
r1= : 4.442865898332E-12
rpunto1:= 2207601.0327485
rduepunti0 := -1.1052814369884E+25
fil := 488.27662519443
fipunto1 := 6.3193726555018E+17
fi_gradi := 27976.189858532
t1 := 1.0809239688927E-14
tpunto1 := 1.0004168783158
tduepunti0 := -6.3180556908133E+14
v=v_elettrone := 3572575.3392661
x0= : -1.0607937760226E-12
y0= : -4.3141015420434E-12
*****
i=32375
k(32375)=0.99997291886452
kQ(32375)=0.99994583846242
r1= : 4.4431248028966E-12
rpunto1:= 2206304.9120955
rduepunti0 := -1.1051629380705E+25
fil := 488.27669930721
fipunto1 := 6.3186361424209E+17
fi_gradi := 27976.194104881
t1 := 1.0809239806255E-14
tpunto1 := 1.0004168042706
tduepunti0 := -6.3136109583757E+14
v=v_elettrone := 3571645.2473202
x0= : -1.0605358439645E-12
y0= : -4.3144317255264E-12
*****
i=32376
k(32376)=0.99997295067048
kQ(32376)=0.99994590207263
r1= : 4.4433835554537E-12
rpunto1:= 2205008.9303129
rduepunti0 := -1.1050445275849E+25
fil := 488.27677341135
fipunto1 := 6.3179001904356E+17
fi_gradi := 27976.198350736
t1 := 1.0809239923583E-14
tpunto1 := 1.0004167302775
tduepunti0 := -6.3091680500864E+14
v=v_elettrone := 3570715.5696344
x0= : -1.060277869807E-12
y0= : -4.3147617376759E-12

```

```
*****
i=32377
k(32377)=0.99997298245435
kQ(32377)=0.99994596563865
r1= : 4.4436421560199E-12
rpunto1: = 2203713.0872968
rduepunti0 : = -1.1049262054869E+25
fil : = 488.27684750686
fipunto1 : = 6.317164799243E+17
fi_gradi : = 27976.202596096
t1 : = 1.080924004091E-14
tpunto1 : = 1.0004166563365
tduepunti0 : = -6.3047269642179E+14
v=v_elettrone : = 3569786.302992
x0= : -1.0600198535676E-12
y0= : -4.315091578509E-12
*****
i=32378
k(32378)=0.99997301421614
kQ(32378)=0.99994602916051
r1= : 4.4439006046112E-12
rpunto1: = 2202417.3829437
rduepunti0 : = -1.1048079717319E+25
fil : = 488.27692159374
fipunto1 : = 6.3164299685405E+17
fi_gradi : = 27976.206840961
t1 : = 1.0809240158238E-14
tpunto1 : = 1.0004165824475
tduepunti0 : = -6.3002876990439E+14
v=v_elettrone : = 3568857.4492335
x0= : -1.059761795264E-12
y0= : -4.3154212480424E-12
*****
i=32379
k(32379)=0.99997304595585
kQ(32379)=0.99994609263822
r1= : 4.4441589012441E-12
rpunto1: = 2201121.8171501
rduepunti0 : = -1.1046898262754E+25
fil : = 488.276995672
fipunto1 : = 6.3156956980256E+17
fi_gradi : = 27976.211085333
t1 : = 1.0809240275565E-14
tpunto1 : = 1.0004165086106
tduepunti0 : = -6.2958502528397E+14
v=v_elettrone : = 3567929.0068404
x0= : -1.0595036949136E-12
y0= : -4.315750746293E-12
*****
i=32380
k(32380)=0.99997307767349
kQ(32380)=0.9999461560718
r1= : 4.4444170459347E-12
rpunto1: = 2199826.3898124
rduepunti0 : = -1.1045717690726E+25
fil : = 488.27706974166
fipunto1 : = 6.3149619873965E+17
fi_gradi : = 27976.215329212
t1 : = 1.0809240392893E-14
tpunto1 : = 1.0004164348257
tduepunti0 : = -6.2914146238823E+14
v=v_elettrone : = 3567000.9793522
x0= : -1.0592455525343E-12
y0= : -4.3160800732775E-12
```

```
*****
i=32381
k(32381)=0.99997310936908
kQ(32381)=0.99994621946127
r1= : 4.4446750386992E-12
rpunto1 : = 2198531.1008272
rduepunti0 : = -1.1044538000792E+25
fil : = 488.27714380271
fipunto1 : = 6.3142288363513E+17
fi_gradi : = 27976.219572598
t1 : = 1.080924051022E-14
tpunto1 : = 1.0004163610929
tduepunti0 : = -6.28698081045E+14
v=v_elettrone : = 3566073.3618432
x0= : -1.0589873681432E-12
y0= : -4.3164092290129E-12
*****
i=32382
k(32382)=0.99997314104262
kQ(32382)=0.99994628280664
r1= : 4.444932879554E-12
rpunto1 : = 2197235.9500911
rduepunti0 : = -1.1043359192506E+25
fil : = 488.27721785516
fipunto1 : = 6.3134962445888E+17
fi_gradi : = 27976.22381549
t1 : = 1.0809240627548E-14
tpunto1 : = 1.0004162874119
tduepunti0 : = -6.2825488108227E+14
v=v_elettrone : = 3565146.1578745
x0= : -1.0587291417584E-12
y0= : -4.3167382135158E-12
*****
i=32383
k(32383)=0.99997317269412
kQ(32383)=0.99994634610794
r1= : 4.4451905685151E-12
rpunto1 : = 2195940.9375008
rduepunti0 : = -1.1042181265424E+25
fil : = 488.27729189902
fipunto1 : = 6.3127642118077E+17
fi_gradi : = 27976.228057891
t1 : = 1.0809240744875E-14
tpunto1 : = 1.000416213783
tduepunti0 : = -6.2781186232819E+14
v=v_elettrone : = 3564219.3675837
x0= : -1.0584708733971E-12
y0= : -4.317067026803E-12
*****
i=32384
k(32384)=0.99997320432358
kQ(32384)=0.99994640936517
r1= : 4.4454481055989E-12
rpunto1 : = 2194646.0629529
rduepunti0 : = -1.1041004219102E+25
fil : = 488.27736593429
fipunto1 : = 6.3120327377075E+17
fi_gradi : = 27976.2322998
t1 : = 1.0809240862203E-14
tpunto1 : = 1.000416140206
tduepunti0 : = -6.2736902461104E+14
v=v_elettrone : = 3563292.9894666
x0= : -1.0582125630768E-12
y0= : -4.3173956688914E-12
```



```
*****
i=32385
k(32385)=0.99997323593102
kQ(32385)=0.99994647257836
r1= : 4.4457054908215E-12
rpunto1 : = 2193351.3263442
rduepunti0 : = -1.1039828053097E+25
fil : = 488.27743996099
fipunto1 : = 6.3113018219876E+17
fi_gradi : = 27976.236541217
t1 : = 1.080924097953E-14
tpunto1 : = 1.0004160666809
tduepunti0 : = -6.2692636775929E+14
v=v_elettrone : = 3562367.0236503
x0= : -1.0579542108151E-12
y0= : -4.3177241397977E-12
*****
i=32386
k(32386)=0.99997326751645
kQ(32386)=0.99994653574753
r1= : 4.4459627241991E-12
rpunto1 : = 2192056.7275716
rduepunti0 : = -1.1038652766965E+25
fil : = 488.27751397911
fipunto1 : = 6.3105714643479E+17
fi_gradi : = 27976.240782143
t1 : = 1.0809241096858E-14
tpunto1 : = 1.0004159932077
tduepunti0 : = -6.2648389160152E+14
v=v_elettrone : = 3561441.4703238
x0= : -1.0576958166296E-12
y0= : -4.3180524395385E-12
*****
i=32387
k(32387)=0.99997329907987
kQ(32387)=0.99994659887268
r1= : 4.4462198057478E-12
rpunto1 : = 2190762.2665318
rduepunti0 : = -1.1037478360265E+25
fil : = 488.27758798867
fipunto1 : = 6.3098416644886E+17
fi_gradi : = 27976.245022578
t1 : = 1.0809241214185E-14
tpunto1 : = 1.0004159197863
tduepunti0 : = -6.2604159596648E+14
v=v_elettrone : = 3560516.3313297
x0= : -1.0574373805378E-12
y0= : -4.3183805681307E-12
*****
i=32388
k(32388)=0.99997333062129
kQ(32388)=0.99994666195384
r1= : 4.4464767354838E-12
rpunto1 : = 2189467.9431218
rduepunti0 : = -1.1036304832554E+25
fil : = 488.27766198967
fipunto1 : = 6.3091124221101E+17
fi_gradi : = 27976.249262523
t1 : = 1.0809241331513E-14
tpunto1 : = 1.0004158464168
tduepunti0 : = -6.2559948068306E+14
v=v_elettrone : = 3559591.6034229
x0= : -1.0571789025571E-12
y0= : -4.318708525591E-12
```

```
*****
i=32389
k(32389)=0.99997336214072
kQ(32389)=0.99994672499102
r1= : 4.4467335134233E-12
rpunto1: = 2188173.7572386
rduepunti0 : = -1.103513218339E+25
fil : = 488.27773598211
fipunto1 : = 6.3083837369133E+17
fi_gradi : = 27976.253501978
t1 : = 1.080924144884E-14
tpunto1 : = 1.0004157730992
tduepunti0 : = -6.2515754558033E+14
v=v_elettrone : = 3558667.2901953
x0= : -1.0569203827053E-12
y0= : -4.3190363119359E-12
*****
i=32390
k(32390)=0.99997339363817
kQ(32390)=0.99994678798424
r1= : 4.4469901395823E-12
rpunto1: = 2186879.7087792
rduepunti0 : = -1.1033960412333E+25
fil : = 488.27780996601
fipunto1 : = 6.3076556085992E+17
fi_gradi : = 27976.257740943
t1 : = 1.0809241566168E-14
tpunto1 : = 1.0004156998333
tduepunti0 : = -6.2471579048748E+14
v=v_elettrone : = 3557743.388367
x0= : -1.0566618209995E-12
y0= : -4.3193639271823E-12
*****
i=32391
k(32391)=0.99997342511365
kQ(32391)=0.99994685093352
r1= : 4.447246613977E-12
rpunto1: = 2185585.7976406
rduepunti0 : = -1.1032789518941E+25
fil : = 488.27788394137
fipunto1 : = 6.3069280368694E+17
fi_gradi : = 27976.261979419
t1 : = 1.0809241683495E-14
tpunto1 : = 1.0004156266192
tduepunti0 : = -6.2427421523385E+14
v=v_elettrone : = 3556819.8998297
x0= : -1.0564032174575E-12
y0= : -4.3196913713467E-12
*****
i=32392
k(32392)=0.99997345656716
kQ(32392)=0.99994691383888
r1= : 4.4475029366235E-12
rpunto1: = 2184292.02372
rduepunti0 : = -1.1031619502774E+25
fil : = 488.2779579082
fipunto1 : = 6.3062010214254E+17
fi_gradi : = 27976.266217406
t1 : = 1.0809241800823E-14
tpunto1 : = 1.0004155534569
tduepunti0 : = -6.2383281964895E+14
v=v_elettrone : = 3555896.8264337
x0= : -1.0561445720968E-12
y0= : -4.3200186444459E-12
```

```
*****
i=32393
k(32393)=0.99997348799872
kQ(32393)=0.99994697670032
r1= : 4.4477591075379E-12
rpunto1:= 2182998.3869145
rduepunti0 := -1.1030450363392E+25
fil := 488.2780318665
fipunto1 := 6.3054745619693E+17
fi_gradi := 27976.270454905
t1 := 1.080924191815E-14
tpunto1 := 1.0004154803464
tduepunti0 := -6.2339160356243E+14
v=v_elettrone := 3554974.1649352
x0= : -1.0558858849346E-12
y0= : -4.3203457464965E-12
*****
i=32394
k(32394)=0.99997351940833
kQ(32394)=0.99994703951787
r1= : 4.4480151267363E-12
rpunto1:= 2181704.8871214
rduepunti0 := -1.1029282100357E+25
fil := 488.27810581628
fipunto1 := 6.3047486582036E+17
fi_gradi := 27976.274691915
t1 := 1.0809242035477E-14
tpunto1 := 1.0004154072876
tduepunti0 := -6.2295056680409E+14
v=v_elettrone := 3554051.9155016
x0= : -1.0556271559884E-12
y0= : -4.3206726775152E-12
*****
i=32395
k(32395)=0.99997355079599
kQ(32395)=0.99994710229155
r1= : 4.4482709942347E-12
rpunto1:= 2180411.5242379
rduepunti0 := -1.1028114713228E+25
fil := 488.27817975755
fipunto1 := 6.3040233098308E+17
fi_gradi := 27976.278928438
t1 := 1.0809242152805E-14
tpunto1 := 1.0004153342804
tduepunti0 := -6.2250970920387E+14
v=v_elettrone := 3553130.0816881
x0= : -1.055368385276E-12
y0= : -4.3209994375184E-12
*****
i=32396
k(32396)=0.99997358216173
kQ(32396)=0.99994716502137
r1= : 4.4485267100492E-12
rpunto1:= 2179118.2981614
rduepunti0 := -1.1026948201568E+25
fil := 488.27825369031
fipunto1 := 6.3032985165539E+17
fi_gradi := 27976.283164473
t1 := 1.0809242270132E-14
tpunto1 := 1.000415261325
tduepunti0 := -6.2206903059188E+14
v=v_elettrone := 3552208.6602708
x0= : -1.0551095728144E-12
y0= : -4.321326026523E-12
```

```
*****
i=32397
k(32397)=0.99997361350555
kQ(32397)=0.99994722770734
r1= : 4.4487822741958E-12
rpunto1: = 2177825.2087892
rduepunti0 : = -1.1025782564938E+25
fil : = 488.27832761458
fipunto1 : = 6.3025742780762E+17
fi_gradi : = 27976.287400021
t1 : = 1.080924238746E-14
tpunto1 : = 1.0004151884212
tduepunti0 : = -6.2162853079836E+14
v=v_elettrone : = 3551287.6513822
x0= : -1.0548507186213E-12
y0= : -4.3216524445454E-12
*****
i=32398
k(32398)=0.99997364482745
kQ(32398)=0.9999472903495
r1= : 4.4490376866906E-12
rpunto1: = 2176532.2560188
rduepunti0 : = -1.1024617802901E+25
fil : = 488.27840153034
fipunto1 : = 6.3018505941012E+17
fi_gradi : = 27976.291635083
t1 : = 1.0809242504787E-14
tpunto1 : = 1.0004151155691
tduepunti0 : = -6.211882096537E+14
v=v_elettrone : = 3550367.0569164
x0= : -1.0545918227142E-12
y0= : -4.3219786916022E-12
*****
i=32399
k(32399)=0.99997367612745
kQ(32399)=0.99994735294784
r1= : 4.4492929475496E-12
rpunto1: = 2175239.4397477
rduepunti0 : = -1.1023453915019E+25
fil : = 488.27847543762
fipunto1 : = 6.3011274643329E+17
fi_gradi : = 27976.295869658
t1 : = 1.0809242622114E-14
tpunto1 : = 1.0004150427686
tduepunti0 : = -6.2074806698845E+14
v=v_elettrone : = 3549446.8770078
x0= : -1.0543328851103E-12
y0= : -4.32230476771E-12
*****
i=32400
k(32400)=0.99997370740554
kQ(32400)=0.99994741550239
r1= : 4.4495480567887E-12
rpunto1: = 2173946.7598733
rduepunti0 : = -1.1022290900855E+25
fil : = 488.27854933642
fipunto1 : = 6.3004048884754E+17
fi_gradi : = 27976.300103747
t1 : = 1.0809242739442E-14
tpunto1 : = 1.0004149700196
tduepunti0 : = -6.2030810263331E+14
v=v_elettrone : = 3548527.1084403
x0= : -1.054073905827E-12
y0= : -4.3226306728853E-12
```

```
*****
i=32401
k(32401)=0.99997373866175
kQ(32401)=0.99994747801316
r1= : 4.4498030144241E-12
rpunto1: = 2172654.2162933
rduepunti0 : = -1.1021128759974E+25
fil : = 488.27862322675
fipunto1 : = 6.2996828662332E+17
fi_gradi : = 27976.304337351
t1 : = 1.0809242856769E-14
tpunto1 : = 1.0004148973223
tduepunti0 : = -6.1986831641912E+14
v=v_elettrone : = 3547607.7547536
x0= : -1.053814884882E-12
y0= : -4.3229564071447E-12
*****
i=32402
k(32402)=0.99997376989608
kQ(32402)=0.99994754048018
r1= : 4.4500578204717E-12
rpunto1: = 2171361.8089053
rduepunti0 : = -1.1019967491939E+25
fil : = 488.27869710861
fipunto1 : = 6.2989613973113E+17
fi_gradi : = 27976.30857047
t1 : = 1.0809242974097E-14
tpunto1 : = 1.0004148246765
tduepunti0 : = -6.1942870817686E+14
v=v_elettrone : = 3546688.8144217
x0= : -1.0535558222925E-12
y0= : -4.3232819705048E-12
*****
i=32403
k(32403)=0.99997380110854
kQ(32403)=0.99994760290346
r1= : 4.4503124749474E-12
rpunto1: = 2170069.5376069
rduepunti0 : = -1.1018807096315E+25
fil : = 488.278770982
fipunto1 : = 6.2982404814145E+17
fi_gradi : = 27976.312803104
t1 : = 1.0809243091424E-14
tpunto1 : = 1.0004147520822
tduepunti0 : = -6.1898927773767E+14
v=v_elettrone : = 3545770.2893143
x0= : -1.053296718076E-12
y0= : -4.3236073629819E-12
*****
i=32404
k(32404)=0.99997383229913
kQ(32404)=0.99994766528301
r1= : 4.4505669778672E-12
rpunto1: = 2168777.402296
rduepunti0 : = -1.1017647572667E+25
fil : = 488.27884484694
fipunto1 : = 6.2975201182485E+17
fi_gradi : = 27976.317035253
t1 : = 1.0809243208751E-14
tpunto1 : = 1.0004146795395
tduepunti0 : = -6.1855002493284E+14
v=v_elettrone : = 3544852.1761635
x0= : -1.0530375722496E-12
y0= : -4.3239325845927E-12
```

```
*****
i=32405
k(32405)=0.99997386346787
kQ(32405)=0.99994772761885
r1= : 4.450821329247E-12
rpunto1: = 2167485.4028703
rduepunti0 : = -1.101648892056E+25
fil : = 488.27891870344
fipunto1 : = 6.2968003075188E+17
fi_gradi : = 27976.321266918
t1 : = 1.0809243326079E-14
tpunto1 : = 1.0004146070483
tduepunti0 : = -6.181109495938E+14
v=v_elettrone : = 3543934.4785716
x0= : -1.0527783848311E-12
y0= : -4.3242576353536E-12
*****
i=32406
k(32406)=0.99997389461476
kQ(32406)=0.999947789911
r1= : 4.4510755291029E-12
rpunto1: = 2166193.5392277
rduepunti0 : = -1.101533113956E+25
fil : = 488.27899255149
fipunto1 : = 6.2960810489316E+17
fi_gradi : = 27976.3254981
t1 : = 1.0809243443406E-14
tpunto1 : = 1.0004145346085
tduepunti0 : = -6.1767205155213E+14
v=v_elettrone : = 3543017.1932597
x0= : -1.0525191558374E-12
y0= : -4.3245825152812E-12
*****
i=32407
k(32407)=0.99997392573981
kQ(32407)=0.99994785215948
r1= : 4.4513295774507E-12
rpunto1: = 2164901.8112659
rduepunti0 : = -1.1014174229234E+25
fil : = 488.2790663911
fipunto1 : = 6.2953623421932E+17
fi_gradi : = 27976.329728798
t1 : = 1.0809243560733E-14
tpunto1 : = 1.0004144622202
tduepunti0 : = -6.1723333063956E+14
v=v_elettrone : = 3542100.3238206
x0= : -1.0522598852863E-12
y0= : -4.3249072243917E-12
*****
i=32408
k(32408)=0.99997395684303
kQ(32408)=0.9999479143643
r1= : 4.4515834743063E-12
rpunto1: = 2163610.2188831
rduepunti0 : = -1.1013018189147E+25
fil : = 488.27914022229
fipunto1 : = 6.2946441870102E+17
fi_gradi : = 27976.333959014
t1 : = 1.080924367806E-14
tpunto1 : = 1.0004143898833
tduepunti0 : = -6.1679478668796E+14
v=v_elettrone : = 3541183.8670075
x0= : -1.0520005731949E-12
y0= : -4.3252317627019E-12
```

```
*****
i=32409
k(32409)=0.99997398792442
kQ(32409)=0.99994797652547
r1= : 4.4518372196857E-12
rpunto1 : = 2162318.7619771
rduepunti0 : = -1.1011863018868E+25
fil : = 488.27921404505
fipunto1 : = 6.2939265830896E+17
fi_gradi : = 27976.338188747
t1 : = 1.0809243795388E-14
tpunto1 : = 1.0004143175978
tduepunti0 : = -6.1635641952935E+14
v=v_elettrone : = 3540267.8246652
x0= : -1.0517412195806E-12
y0= : -4.3255561302279E-12
*****
i=32410
k(32410)=0.99997401898401
kQ(32410)=0.99994803864303
r1= : 4.4520908136046E-12
rpunto1 : = 2161027.440446
rduepunti0 : = -1.1010708717964E+25
fil : = 488.2792878594
fipunto1 : = 6.2932095301385E+17
fi_gradi : = 27976.342417997
t1 : = 1.0809243912715E-14
tpunto1 : = 1.0004142453637
tduepunti0 : = -6.1591822899591E+14
v=v_elettrone : = 3539352.1969823
x0= : -1.0514818244607E-12
y0= : -4.3258803269863E-12
*****
i=32411
k(32411)=0.99997405002178
kQ(32411)=0.99994810071697
r1= : 4.4523442560791E-12
rpunto1 : = 2159736.2541879
rduepunti0 : = -1.1009555286002E+25
fil : = 488.27936166534
fipunto1 : = 6.2924930278647E+17
fi_gradi : = 27976.346646766
t1 : = 1.0809244030042E-14
tpunto1 : = 1.000414173181
tduepunti0 : = -6.1548021491994E+14
v=v_elettrone : = 3538436.9823923
x0= : -1.0512223878527E-12
y0= : -4.3262043529935E-12
*****
i=32412
k(32412)=0.99997408103776
kQ(32412)=0.99994816274732
r1= : 4.4525975471249E-12
rpunto1 : = 2158445.2031009
rduepunti0 : = -1.1008402722552E+25
fil : = 488.27943546288
fipunto1 : = 6.2917770759759E+17
fi_gradi : = 27976.350875053
t1 : = 1.080924414737E-14
tpunto1 : = 1.0004141010496
tduepunti0 : = -6.150423771339E+14
v=v_elettrone : = 3537522.1827776
x0= : -1.0509629097738E-12
y0= : -4.3265282082659E-12
```

```
*****
i=32413
k(32413)=0.99997411203195
kQ(32413)=0.99994822473409
r1= : 4.452850686758E-12
rpunto1: = 2157154.2870833
rduepunti0 : = -1.1007251027182E+25
fil : = 488.27950925202
fipunto1 : = 6.2910616741802E+17
fi_gradi : = 27976.35510286
t1 : = 1.0809244264697E-14
tpunto1 : = 1.0004140289696
tduepunti0 : = -6.1460471547041E+14
v=v_elettrone : = 3536607.798306
x0= : -1.0507033902414E-12
y0= : -4.3268518928198E-12
*****
i=32414
k(32414)=0.99997414300436
kQ(32414)=0.99994828667731
r1= : 4.4531036749941E-12
rpunto1: = 2155863.5060332
rduepunti0 : = -1.1006100199461E+25
fil : = 488.27958303277
fipunto1 : = 6.2903468221862E+17
fi_gradi : = 27976.359330185
t1 : = 1.0809244382024E-14
tpunto1 : = 1.0004139569409
tduepunti0 : = -6.1416722976221E+14
v=v_elettrone : = 3535693.8274213
x0= : -1.0504438292726E-12
y0= : -4.3271754066717E-12
*****
i=32415
k(32415)=0.999974173955
kQ(32415)=0.99994834857699
r1= : 4.4533565118491E-12
rpunto1: = 2154572.859849
rduepunti0 : = -1.100495023896E+25
fil : = 488.27965680513
fipunto1 : = 6.2896325197027E+17
fi_gradi : = 27976.36355703
t1 : = 1.0809244499351E-14
tpunto1 : = 1.0004138849634
tduepunti0 : = -6.1372991984221E+14
v=v_elettrone : = 3534780.2702873
x0= : -1.050184226885E-12
y0= : -4.3274987498378E-12
*****
i=32416
k(32416)=0.99997420488387
kQ(32416)=0.99994841043313
r1= : 4.4536091973388E-12
rpunto1: = 2153282.348429
rduepunti0 : = -1.1003801145248E+25
fil : = 488.27973056912
fipunto1 : = 6.2889187664386E+17
fi_gradi : = 27976.367783396
t1 : = 1.0809244616679E-14
tpunto1 : = 1.0004138130372
tduepunti0 : = -6.1329278554344E+14
v=v_elettrone : = 3533867.1287796
x0= : -1.0499245830958E-12
y0= : -4.3278219223346E-12
```



```
*****
i=32417
k(32417)=0.99997423579099
kQ(32417)=0.99994847224577
r1= : 4.453861731479E-12
rpunto1 : = 2151991.9716716
rduepunti0 : = -1.1002652917896E+25
fil : = 488.27980432474
fipunto1 : = 6.2882055621034E+17
fi_gradi : = 27976.372009281
t1 : = 1.0809244734006E-14
tpunto1 : = 1.0004137411623
tduepunti0 : = -6.1285582669909E+14
v=v_elettrone : = 3532954.4030661
x0= : -1.0496648979221E-12
y0= : -4.3281449241783E-12
*****
i=32418
k(32418)=0.99997426667636
kQ(32418)=0.99994853401492
r1= : 4.4541141142855E-12
rpunto1 : = 2150701.7294752
rduepunti0 : = -1.1001505556475E+25
fil : = 488.27987807199
fipunto1 : = 6.2874929064067E+17
fi_gradi : = 27976.376234688
t1 : = 1.0809244851333E-14
tpunto1 : = 1.0004136693386
tduepunti0 : = -6.1241904314251E+14
v=v_elettrone : = 3532042.0898689
x0= : -1.0494051713813E-12
y0= : -4.3284677553854E-12
*****
i=32419
k(32419)=0.99997429753998
kQ(32419)=0.99994859574059
r1= : 4.454366345774E-12
rpunto1 : = 2149411.6217384
rduepunti0 : = -1.1000359060557E+25
fil : = 488.27995181089
fipunto1 : = 6.2867807990585E+17
fi_gradi : = 27976.380459615
t1 : = 1.080924496866E-14
tpunto1 : = 1.0004135975661
tduepunti0 : = -6.1198243470716E+14
v=v_elettrone : = 3531130.192805
x0= : -1.0491454034906E-12
y0= : -4.328790415972E-12
*****
i=32420
k(32420)=0.99997432838188
kQ(32420)=0.99994865742279
r1= : 4.4546184259605E-12
rpunto1 : = 2148121.6483597
rduepunti0 : = -1.0999213429714E+25
fil : = 488.28002554143
fipunto1 : = 6.2860692397691E+17
fi_gradi : = 27976.384684064
t1 : = 1.0809245085987E-14
tpunto1 : = 1.0004135258448
tduepunti0 : = -6.1154600122667E+14
v=v_elettrone : = 3530218.7102922
x0= : -1.0488855942674E-12
y0= : -4.3291129059546E-12
```

```
*****
i=32421
k(32421)=0.99997435920205
kQ(32421)=0.99994871906156
r1= : 4.4548703548605E-12
rpunto1 : = 2146831.8092377
rduepunti0 : = -1.0998068663517E+25
fil : = 488.28009926363
fipunto1 : = 6.2853582282491E+17
fi_gradi : = 27976.388908035
t1 : = 1.0809245203315E-14
tpunto1 : = 1.0004134541746
tduepunti0 : = -6.1110974253482E+14
v=v_elettrone : = 3529307.6408009
x0= : -1.0486257437288E-12
y0= : -4.3294352253493E-12
*****
i=32422
k(32422)=0.99997439000051
kQ(32422)=0.9999487806569
r1= : 4.4551221324899E-12
rpunto1 : = 2145542.104271
rduepunti0 : = -1.099692476154E+25
fil : = 488.28017297749
fipunto1 : = 6.2846477642093E+17
fi_gradi : = 27976.393131528
t1 : = 1.0809245320642E-14
tpunto1 : = 1.0004133825556
tduepunti0 : = -6.1067365846551E+14
v=v_elettrone : = 3528396.9879211
x0= : -1.0483658518923E-12
y0= : -4.3297573741725E-12
*****
i=32423
k(32423)=0.99997442077726
kQ(32423)=0.99994884220882
r1= : 4.4553737588644E-12
rpunto1 : = 2144252.5333583
rduepunti0 : = -1.0995781723356E+25
fil : = 488.28024668302
fipunto1 : = 6.2839378473608E+17
fi_gradi : = 27976.397354544
t1 : = 1.0809245437969E-14
tpunto1 : = 1.0004133109878
tduepunti0 : = -6.1023774885279E+14
v=v_elettrone : = 3527486.7500919
x0= : -1.048105918775E-12
y0= : -4.3300793524403E-12
*****
i=32424
k(32424)=0.99997445153232
kQ(32424)=0.99994890371736
r1= : 4.4556252339997E-12
rpunto1 : = 2142963.0963984
rduepunti0 : = -1.0994639548538E+25
fil : = 488.28032038022
fipunto1 : = 6.2832284774153E+17
fi_gradi : = 27976.401577082
t1 : = 1.0809245555296E-14
tpunto1 : = 1.000413239471
tduepunti0 : = -6.0980201353088E+14
v=v_elettrone : = 3526576.9274924
x0= : -1.0478459443941E-12
y0= : -4.3304011601691E-12
```

```
*****
i=32425
k(32425)=0.99997448226568
kQ(32425)=0.99994896518251
r1= : 4.4558765579115E-12
rpunto1: = 2141673.7932901
rduepunti0 : = -1.099349823666E+25
fil : = 488.2803940691
fipunto1 : = 6.2825196540845E+17
fi_gradi : = 27976.405799144
t1 : = 1.0809245672623E-14
tpunto1 : = 1.0004131680053
tduepunti0 : = -6.0936645233411E+14
v=v_elettrone : = 3525667.5202698
x0= : -1.0475859287668E-12
y0= : -4.3307227973751E-12
*****
i=32426
k(32426)=0.99997451297736
kQ(32426)=0.9999490266043
r1= : 4.4561277306155E-12
rpunto1: = 2140384.6239321
rduepunti0 : = -1.0992357787298E+25
fil : = 488.28046774967
fipunto1 : = 6.2818113770804E+17
fi_gradi : = 27976.41002073
t1 : = 1.080924578995E-14
tpunto1 : = 1.0004130965906
tduepunti0 : = -6.0893106509698E+14
v=v_elettrone : = 3524758.5268783
x0= : -1.0473258719102E-12
y0= : -4.3310442640745E-12
*****
i=32427
k(32427)=0.99997454366736
kQ(32427)=0.99994908798275
r1= : 4.4563787521274E-12
rpunto1: = 2139095.5882235
rduepunti0 : = -1.0991218200026E+25
fil : = 488.28054142193
fipunto1 : = 6.2811036461154E+17
fi_gradi : = 27976.41424184
t1 : = 1.0809245907278E-14
tpunto1 : = 1.000413025227
tduepunti0 : = -6.0849585165412E+14
v=v_elettrone : = 3523849.9492062
x0= : -1.0470657738417E-12
y0= : -4.3313655602834E-12
*****
i=32428
k(32428)=0.9999745743357
kQ(32428)=0.99994914931787
r1= : 4.4566296224629E-12
rpunto1: = 2137806.6860632
rduepunti0 : = -1.0990079474419E+25
fil : = 488.2806150859
fipunto1 : = 6.2803964609021E+17
fi_gradi : = 27976.418462474
t1 : = 1.0809246024605E-14
tpunto1 : = 1.0004129539145
tduepunti0 : = -6.0806081184029E+14
v=v_elettrone : = 3522941.787406
x0= : -1.0468056345786E-12
y0= : -4.3316866860182E-12
```

```
*****
i=32429
k(32429)=0.99997460498238
kQ(32429)=0.99994921060967
r1= : 4.4568803416376E-12
rpunto1: = 2136517.91735
rduepunti0 : = -1.0988941610053E+25
fil : = 488.28068874157
fipunto1 : = 6.2796898211537E+17
fi_gradi : = 27976.422682633
t1 : = 1.0809246141932E-14
tpunto1 : = 1.0004128826529
tduepunti0 : = -6.0762594549043E+14
v=v_elettrone : = 3522034.0399301
x0= : -1.0465454541378E-12
y0= : -4.3320076412949E-12
*****
i=32430
k(32430)=0.99997463560741
kQ(32430)=0.99994927185818
r1= : 4.4571309096673E-12
rpunto1: = 2135229.2819832
rduepunti0 : = -1.0987804606504E+25
fil : = 488.28076238895
fipunto1 : = 6.2789837265832E+17
fi_gradi : = 27976.426902317
t1 : = 1.0809246259259E-14
tpunto1 : = 1.0004128114423
tduepunti0 : = -6.0719125243959E+14
v=v_elettrone : = 3521126.7086605
x0= : -1.0462852325367E-12
y0= : -4.3323284261297E-12
*****
i=32431
k(32431)=0.9999746662108
kQ(32431)=0.9999493330634
r1= : 4.4573813265674E-12
rpunto1: = 2133940.7798617
rduepunti0 : = -1.0986668463349E+25
fil : = 488.28083602805
fipunto1 : = 6.2782781769044E+17
fi_gradi : = 27976.431121527
t1 : = 1.0809246376586E-14
tpunto1 : = 1.0004127402826
tduepunti0 : = -6.0675673252298E+14
v=v_elettrone : = 3520219.7920345
x0= : -1.0460249697925E-12
y0= : -4.3326490405388E-12
*****
i=32432
k(32432)=0.99997469679256
kQ(32432)=0.99994939422537
r1= : 4.4576315923537E-12
rpunto1: = 2132652.4108848
rduepunti0 : = -1.0985533180165E+25
fil : = 488.28090965887
fipunto1 : = 6.277573171831E+17
fi_gradi : = 27976.435340262
t1 : = 1.0809246493913E-14
tpunto1 : = 1.0004126691739
tduepunti0 : = -6.0632238557594E+14
v=v_elettrone : = 3519313.2919535
x0= : -1.0457646659223E-12
y0= : -4.3329694845383E-12
```

```
*****
i=32433
k(32433)=0.99997472735269
kQ(32433)=0.99994945534408
r1= : 4.4578817070418E-12
rpunto1 : = 2131364.1749516
rduepunti0 : = -1.098439875653E+25
fil : = 488.28098328143
fipunto1 : = 6.2768687110773E+17
fi_gradi : = 27976.439558524
t1 : = 1.080924661124E-14
tpunto1 : = 1.0004125981162
tduepunti0 : = -6.0588821143396E+14
v=v_elettrone : = 3518407.2068426
x0= : -1.0455043209432E-12
y0= : -4.3332897581444E-12
*****
i=32434
k(32434)=0.9999747578912
kQ(32434)=0.99994951641957
r1= : 4.4581316706473E-12
rpunto1 : = 2130076.0719614
rduepunti0 : = -1.0983265192021E+25
fil : = 488.28105689573
fipunto1 : = 6.2761647943576E+17
fi_gradi : = 27976.443776312
t1 : = 1.0809246728567E-14
tpunto1 : = 1.0004125271093
tduepunti0 : = -6.0545420993267E+14
v=v_elettrone : = 3517501.5385974
x0= : -1.0452439348725E-12
y0= : -4.3336098613731E-12
*****
i=32435
k(32435)=0.9999747884081
kQ(32435)=0.99994957745183
r1= : 4.4583814831857E-12
rpunto1 : = 2128788.1018134
rduepunti0 : = -1.0982132486216E+25
fil : = 488.28113050177
fipunto1 : = 6.2754614213867E+17
fi_gradi : = 27976.447993628
t1 : = 1.0809246845894E-14
tpunto1 : = 1.0004124561533
tduepunti0 : = -6.0502038090786E+14
v=v_elettrone : = 3516596.2856661
x0= : -1.0449835077271E-12
y0= : -4.3339297942406E-12
*****
i=32436
k(32436)=0.99997481890341
kQ(32436)=0.9999496384409
r1= : 4.4586311446726E-12
rpunto1 : = 2127500.264407
rduepunti0 : = -1.0981000638695E+25
fil : = 488.28120409956
fipunto1 : = 6.2747585918798E+17
fi_gradi : = 27976.452210471
t1 : = 1.0809246963221E-14
tpunto1 : = 1.0004123852481
tduepunti0 : = -6.0458672419542E+14
v=v_elettrone : = 3515691.4481952
x0= : -1.0447230395242E-12
y0= : -4.334249556763E-12
```

```
*****
i=32437
k(32437)=0.99997484937712
kQ(32437)=0.99994969938679
r1= : 4.4588806551237E-12
rpunto1 : = 2126212.5596416
rduepunti0 : = -1.0979869649037E+25
fil : = 488.28127768911
fipunto1 : = 6.2740563055521E+17
fi_gradi : = 27976.456426841
t1 : = 1.0809247080548E-14
tpunto1 : = 1.0004123143938
tduepunti0 : = -6.0415323963143E+14
v=v_elettrone : = 3514787.0263768
x0= : -1.044462530281E-12
y0= : -4.3345691489563E-12
*****
i=32438
k(32438)=0.99997487982924
kQ(32438)=0.99994976028951
r1= : 4.4591300145545E-12
rpunto1 : = 2124924.9874167
rduepunti0 : = -1.097873951682E+25
fil : = 488.28135127042
fipunto1 : = 6.2733545621192E+17
fi_gradi : = 27976.46064274
t1 : = 1.0809247197876E-14
tpunto1 : = 1.0004122435904
tduepunti0 : = -6.0371992705208E+14
v=v_elettrone : = 3513883.0203505
x0= : -1.0442019800147E-12
y0= : -4.3348885708366E-12
*****
i=32439
k(32439)=0.99997491025979
kQ(32439)=0.99994982114907
r1= : 4.4593792229804E-12
rpunto1 : = 2123637.5476316
rduepunti0 : = -1.0977610241626E+25
fil : = 488.2814248435
fipunto1 : = 6.2726533612972E+17
fi_gradi : = 27976.464858167
t1 : = 1.0809247315203E-14
tpunto1 : = 1.0004121728377
tduepunti0 : = -6.032867862937E+14
v=v_elettrone : = 3512979.4302883
x0= : -1.0439413887423E-12
y0= : -4.33520782242E-12
*****
i=32440
k(32440)=0.99997494066877
kQ(32440)=0.99994988196551
r1= : 4.4596282804171E-12
rpunto1 : = 2122350.240186
rduepunti0 : = -1.0976481823035E+25
fil : = 488.28149840836
fipunto1 : = 6.2719527028022E+17
fi_gradi : = 27976.469073123
t1 : = 1.080924743253E-14
tpunto1 : = 1.0004121021358
tduepunti0 : = -6.0285381719278E+14
v=v_elettrone : = 3512076.2563658
x0= : -1.0436807564811E-12
y0= : -4.3355269037224E-12
```

```
*****
i=32441
k(32441)=0.99997497105619
kQ(32441)=0.99994994273882
r1= : 4.4598771868801E-12
rpunto1 : = 2121063.0649795
rduepunti0 : = -1.0975354260627E+25
fil : = 488.28157196501
fipunto1 : = 6.2712525863508E+17
fi_gradi : = 27976.473287608
t1 : = 1.0809247549857E-14
tpunto1 : = 1.0004120314846
tduepunti0 : = -6.0242101958595E+14
v=v_elettrone : = 3511173.4987427
x0= : -1.0434200832481E-12
y0= : -4.3358458147599E-12
*****
i=32442
k(32442)=0.99997500142205
kQ(32442)=0.99995000346903
r1= : 4.4601259423848E-12
rpunto1 : = 2119776.0219116
rduepunti0 : = -1.0974227553984E+25
fil : = 488.28164551344
fipunto1 : = 6.2705530116598E+17
fi_gradi : = 27976.477501623
t1 : = 1.0809247667184E-14
tpunto1 : = 1.0004119608842
tduepunti0 : = -6.0198839330996E+14
v=v_elettrone : = 3510271.155854
x0= : -1.0431593690604E-12
y0= : -4.3361645555485E-12
*****
i=32443
k(32443)=0.99997503176637
kQ(32443)=0.99995006415616
r1= : 4.4603745469468E-12
rpunto1 : = 2118489.1108822
rduepunti0 : = -1.0973101702688E+25
fil : = 488.28171905366
fipunto1 : = 6.2698539784463E+17
fi_gradi : = 27976.481715167
t1 : = 1.0809247784511E-14
tpunto1 : = 1.0004118903345
tduepunti0 : = -6.0155593820173E+14
v=v_elettrone : = 3509369.2313095
x0= : -1.0428986139352E-12
y0= : -4.3364831261041E-12
*****
i=32444
k(32444)=0.99997506208916
kQ(32444)=0.99995012480021
r1= : 4.4606230005816E-12
rpunto1 : = 2117202.3317908
rduepunti0 : = -1.097197670632E+25
fil : = 488.28179258569
fipunto1 : = 6.2691554864278E+17
fi_gradi : = 27976.485928242
t1 : = 1.0809247901838E-14
tpunto1 : = 1.0004118198355
tduepunti0 : = -6.0112365409828E+14
v=v_elettrone : = 3508467.7218396
x0= : -1.0426378178893E-12
y0= : -4.3368015264429E-12
```

```
*****
i=32445
k(32445)=0.99997509239041
kQ(32445)=0.99995018540121
r1= : 4.4608713033046E-12
rpunto1 : = 2115915.6845373
rduepunti0 : = -1.0970852564464E+25
fil : = 488.28186610953
fipunto1 : = 6.2684575353219E+17
fi_gradi : = 27976.490140848
t1 : = 1.0809248019165E-14
tpunto1 : = 1.0004117493872
tduepunti0 : = -6.0069154083681E+14
v=v_elettrone : = 3507566.6293216
x0= : -1.0423769809401E-12
y0= : -4.3371197565808E-12
*****
i=32446
k(32446)=0.99997512267015
kQ(32446)=0.99995024595918
r1= : 4.4611194551312E-12
rpunto1 : = 2114629.1690215
rduepunti0 : = -1.0969729276702E+25
fil : = 488.28193962518
fipunto1 : = 6.2677601248466E+17
fi_gradi : = 27976.494352984
t1 : = 1.0809248136492E-14
tpunto1 : = 1.0004116789895
tduepunti0 : = -6.0025959825464E+14
v=v_elettrone : = 3506665.953941
x0= : -1.0421161031044E-12
y0= : -4.3374378165337E-12
*****
i=32447
k(32447)=0.99997515292837
kQ(32447)=0.99995030647412
r1= : 4.4613674560771E-12
rpunto1 : = 2113342.7851433
rduepunti0 : = -1.0968606842617E+25
fil : = 488.28201313265
fipunto1 : = 6.2670632547203E+17
fi_gradi : = 27976.498564652
t1 : = 1.0809248253819E-14
tpunto1 : = 1.0004116086425
tduepunti0 : = -5.9982782618924E+14
v=v_elettrone : = 3505765.6941201
x0= : -1.0418551843993E-12
y0= : -4.3377557063176E-12
*****
i=32448
k(32448)=0.99997518316509
kQ(32448)=0.99995036694605
r1= : 4.4616153061575E-12
rpunto1 : = 2112056.5328027
rduepunti0 : = -1.0967485261794E+25
fil : = 488.28208663195
fipunto1 : = 6.2663669246615E+17
fi_gradi : = 27976.502775852
t1 : = 1.0809248371146E-14
tpunto1 : = 1.0004115383461
tduepunti0 : = -5.9939622447821E+14
v=v_elettrone : = 3504865.8500223
x0= : -1.0415942248419E-12
y0= : -4.3380734259484E-12
```



```
*****
i=32449
k(32449)=0.99997521338031
kQ(32449)=0.99995042737499
r1= : 4.4618630053879E-12
rpunto1: = 2110770.4118996
rduepunti0 : = -1.0966364533816E+25
fil : = 488.28216012308
fipunto1 : = 6.265671134389E+17
fi_gradi : = 27976.506986584
t1 : = 1.0809248488473E-14
tpunto1 : = 1.0004114681003
tduepunti0 : = -5.9896479295929E+14
v=v_elettrone : = 3503966.4235483
x0= : -1.0413332244493E-12
y0= : -4.338390975442E-12
*****
i=32450
k(32450)=0.99997524357404
kQ(32450)=0.99995048776096
r1= : 4.4621105537837E-12
rpunto1: = 2109484.422334
rduepunti0 : = -1.0965244658269E+25
fil : = 488.28223360605
fipunto1 : = 6.2649758836221E+17
fi_gradi : = 27976.511196848
t1 : = 1.0809248605799E-14
tpunto1 : = 1.0004113979051
tduepunti0 : = -5.9853353147036E+14
v=v_elettrone : = 3503067.4148661
x0= : -1.0410721832385E-12
y0= : -4.3387083548144E-12
*****
i=32451
k(32451)=0.99997527374629
kQ(32451)=0.99995054810397
r1= : 4.4623579513604E-12
rpunto1: = 2108198.564006
rduepunti0 : = -1.0964125634737E+25
fil : = 488.28230708087
fipunto1 : = 6.2642811720803E+17
fi_gradi : = 27976.515406645
t1 : = 1.0809248723126E-14
tpunto1 : = 1.0004113277604
tduepunti0 : = -5.9810243984946E+14
v=v_elettrone : = 3502168.8206782
x0= : -1.0408111012264E-12
y0= : -4.3390255640814E-12
*****
i=32452
k(32452)=0.99997530389707
kQ(32452)=0.99995060840404
r1= : 4.4626051981332E-12
rpunto1: = 2106912.8368158
rduepunti0 : = -1.0963007462807E+25
fil : = 488.28238054754
fipunto1 : = 6.2635869994832E+17
fi_gradi : = 27976.519615975
t1 : = 1.0809248840453E-14
tpunto1 : = 1.0004112576663
tduepunti0 : = -5.9767151793473E+14
v=v_elettrone : = 3501270.6446129
x0= : -1.0405499784303E-12
y0= : -4.3393426032589E-12
```

```
*****
i=32453
k(32453)=0.99997533402639
kQ(32453)=0.99995066866118
r1= : 4.4628522941177E-12
rpunto1 : = 2105627.2406635
rduepunti0 : = -1.0961890142062E+25
fil : = 488.28245400607
fipunto1 : = 6.2628933655509E+17
fi_gradi : = 27976.523824839
t1 : = 1.080924895778E-14
tpunto1 : = 1.0004111876226
tduepunti0 : = -5.9724076556449E+14
v=v_elettrone : = 3500372.8851063
x0= : -1.040288814867E-12
y0= : -4.3396594723628E-12
*****
i=32454
k(32454)=0.99997536413424
kQ(32454)=0.99995072887542
r1= : 4.4630992393291E-12
rpunto1 : = 2104341.7754493
rduepunti0 : = -1.0960773672092E+25
fil : = 488.28252745647
fipunto1 : = 6.2622002700037E+17
fi_gradi : = 27976.528033236
t1 : = 1.0809249075107E-14
tpunto1 : = 1.0004111176295
tduepunti0 : = -5.9681018257716E+14
v=v_elettrone : = 3499475.5440465
x0= : -1.0400276105536E-12
y0= : -4.339976171409E-12
*****
i=32455
k(32455)=0.99997539422065
kQ(32455)=0.99995078904675
r1= : 4.4633460337829E-12
rpunto1 : = 2103056.4410736
rduepunti0 : = -1.095965805248E+25
fil : = 488.28260089873
fipunto1 : = 6.2615077125623E+17
fi_gradi : = 27976.532241168
t1 : = 1.0809249192434E-14
tpunto1 : = 1.0004110476869
tduepunti0 : = -5.9637976881133E+14
v=v_elettrone : = 3498578.6181511
x0= : -1.0397663655068E-12
y0= : -4.3402927004133E-12
*****
i=32456
k(32456)=0.99997542428562
kQ(32456)=0.99995084917521
r1= : 4.4635926774943E-12
rpunto1 : = 2101771.2374365
rduepunti0 : = -1.0958543282816E+25
fil : = 488.28267433288
fipunto1 : = 6.2608156929477E+17
fi_gradi : = 27976.536448635
t1 : = 1.0809249309761E-14
tpunto1 : = 1.0004109777947
tduepunti0 : = -5.9594952410571E+14
v=v_elettrone : = 3497682.1093293
x0= : -1.0395050797439E-12
y0= : -4.3406090593915E-12
```

```
*****
i=32457
k(32457)=0.99997545432916
kQ(32457)=0.99995090926081
r1= : 4.4638391704787E-12
rpunto1 : = 2100486.1644386
rduepunti0 : = -1.0957429362687E+25
fil : = 488.28274775891
fipunto1 : = 6.2601242108809E+17
fi_gradi : = 27976.540655636
t1 : = 1.0809249427088E-14
tpunto1 : = 1.000410907953
tduepunti0 : = -5.9551944829915E+14
v=v_elettrone : = 3496786.0194318
x0= : -1.039243753282E-12
y0= : -4.3409252483595E-12
*****
i=32458
k(32458)=0.99997548435127
kQ(32458)=0.99995096930356
r1= : 4.4640855127514E-12
rpunto1 : = 2099201.2219802
rduepunti0 : = -1.095631629168E+25
fil : = 488.28282117683
fipunto1 : = 6.2594332660835E+17
fi_gradi : = 27976.544862173
t1 : = 1.0809249544415E-14
tpunto1 : = 1.0004108381616
tduepunti0 : = -5.9508954123065E+14
v=v_elettrone : = 3495890.3452105
x0= : -1.0389823861377E-12
y0= : -4.3412412673331E-12
*****
i=32459
k(32459)=0.99997551435196
kQ(32459)=0.99995102930347
r1= : 4.4643317043278E-12
rpunto1 : = 2097916.4099618
rduepunti0 : = -1.0955204069384E+25
fil : = 488.28289458664
fipunto1 : = 6.2587428582772E+17
fi_gradi : = 27976.549068246
t1 : = 1.0809249661742E-14
tpunto1 : = 1.0004107684207
tduepunti0 : = -5.9465980273934E+14
v=v_elettrone : = 3494995.0885493
x0= : -1.0387209783282E-12
y0= : -4.341557116328E-12
*****
i=32460
k(32460)=0.99997554433125
kQ(32460)=0.99995108926057
r1= : 4.4645777452231E-12
rpunto1 : = 2096631.7282838
rduepunti0 : = -1.0954092695388E+25
fil : = 488.28296798836
fipunto1 : = 6.2580529871842E+17
fi_gradi : = 27976.553273855
t1 : = 1.0809249779069E-14
tpunto1 : = 1.0004106987302
tduepunti0 : = -5.9423023266448E+14
v=v_elettrone : = 3494100.2496038
x0= : -1.0384595298704E-12
y0= : -4.34187279536E-12
```

```
*****
i=32461
k(32461)=0.99997557428913
kQ(32461)=0.99995114917488
r1= : 4.4648236354525E-12
rpunto1: = 2095347.1768469
rduepunti0 : = -1.0952982169282E+25
fil : = 488.28304138199
fipunto1 : = 6.2573636525268E+17
fi_gradi : = 27976.557479
t1 : = 1.0809249896395E-14
tpunto1 : = 1.00041062909
tduepunti0 : = -5.9380083084548E+14
v=v_elettrone : = 3493205.8268128
x0= : -1.0381980407813E-12
y0= : -4.342188304445E-12
*****
i=32462
k(32462)=0.99997560422562
kQ(32462)=0.9999512090464
r1= : 4.4650693750315E-12
rpunto1: = 2094062.7555517
rduepunti0 : = -1.0951872490653E+25
fil : = 488.28311476753
fipunto1 : = 6.2566748540277E+17
fi_gradi : = 27976.561683682
t1 : = 1.0809250013722E-14
tpunto1 : = 1.0004105595001
tduepunti0 : = -5.9337159712187E+14
v=v_elettrone : = 3492311.8220886
x0= : -1.037936511078E-12
y0= : -4.3425036435986E-12
*****
i=32463
k(32463)=0.99997563414073
kQ(32463)=0.99995126887515
r1= : 4.4653149639752E-12
rpunto1: = 2092778.4642987
rduepunti0 : = -1.0950763659094E+25
fil : = 488.283188145
fipunto1 : = 6.2559865914098E+17
fi_gradi : = 27976.565887901
t1 : = 1.0809250131049E-14
tpunto1 : = 1.0004104899606
tduepunti0 : = -5.9294253133335E+14
v=v_elettrone : = 3491418.2355794
x0= : -1.0376749407773E-12
y0= : -4.3428188128366E-12
*****
i=32464
k(32464)=0.99997566403445
kQ(32464)=0.99995132866115
r1= : 4.465560402299E-12
rpunto1: = 2091494.3029888
rduepunti0 : = -1.0949655674194E+25
fil : = 488.28326151439
fipunto1 : = 6.2552988643963E+17
fi_gradi : = 27976.570091657
t1 : = 1.0809250248376E-14
tpunto1 : = 1.0004104204714
tduepunti0 : = -5.9251363331972E+14
v=v_elettrone : = 3490525.0674592
x0= : -1.0374133298961E-12
y0= : -4.3431338121747E-12
```

```
*****
i=32465
k(32465)=0.99997569390681
kQ(32465)=0.99995138840441
r1= : 4.4658056900179E-12
rpunto1: = 2090210.2715227
rduepunti0 : = -1.0948548535544E+25
fil : = 488.28333487572
fipunto1 : = 6.2546116727107E+17
fi_gradi : = 27976.574294952
t1 : = 1.0809250365703E-14
tpunto1 : = 1.0004103510324
tduepunti0 : = -5.9208490292094E+14
v=v_elettrone : = 3489632.3161731
x0= : -1.0371516784512E-12
y0= : -4.3434486416287E-12
*****
i=32466
k(32466)=0.99997572375781
kQ(32466)=0.99995144810495
r1= : 4.4660508271474E-12
rpunto1: = 2088926.3698012
rduepunti0 : = -1.0947442242735E+25
fil : = 488.28340822899
fipunto1 : = 6.2539250160769E+17
fi_gradi : = 27976.578497784
t1 : = 1.080925048303E-14
tpunto1 : = 1.0004102816438
tduepunti0 : = -5.9165633997709E+14
v=v_elettrone : = 3488739.9818719
x0= : -1.0368899864596E-12
y0= : -4.3437633012143E-12
*****
i=32467
k(32467)=0.99997575358745
kQ(32467)=0.99995150776279
r1= : 4.4662958137025E-12
rpunto1: = 2087642.597725
rduepunti0 : = -1.094633679536E+25
fil : = 488.2834815742
fipunto1 : = 6.253238894219E+17
fi_gradi : = 27976.582700156
t1 : = 1.0809250600356E-14
tpunto1 : = 1.0004102123053
tduepunti0 : = -5.912279443284E+14
v=v_elettrone : = 3487848.0664641
x0= : -1.0366282539383E-12
y0= : -4.3440777909472E-12
*****
i=32468
k(32468)=0.99997578339575
kQ(32468)=0.99995156737794
r1= : 4.4665406496985E-12
rpunto1: = 2086358.9551952
rduepunti0 : = -1.094523219301E+25
fil : = 488.28355491137
fipunto1 : = 6.2525533068612E+17
fi_gradi : = 27976.586902066
t1 : = 1.0809250717683E-14
tpunto1 : = 1.0004101430171
tduepunti0 : = -5.9079971581524E+14
v=v_elettrone : = 3486956.5683923
x0= : -1.0363664809042E-12
y0= : -4.344392110843E-12
```

```
*****
i=32469
k(32469)=0.9999758131827
kQ(32469)=0.99995162695041
r1= : 4.4667853351506E-12
rpunto1: = 2085075.4421127
rduepunti0 : = -1.0944128435278E+25
fil : = 488.2836282405
fipunto1 : = 6.2518682537284E+17
fi_gradi : = 27976.591103515
t1 : = 1.080925083501E-14
tpunto1 : = 1.0004100737791
tduepunti0 : = -5.9037165427811E+14
v=v_elettrone : = 3486065.4877942
x0= : -1.0361046673741E-12
y0= : -4.3447062609174E-12
*****
i=32470
k(32470)=0.99997584294833
kQ(32470)=0.99995168648023
r1= : 4.4670298700739E-12
rpunto1: = 2083792.0583784
rduepunti0 : = -1.0943025521756E+25
fil : = 488.28370156159
fipunto1 : = 6.2511837345453E+17
fi_gradi : = 27976.595304505
t1 : = 1.0809250952337E-14
tpunto1 : = 1.0004100045912
tduepunti0 : = -5.8994375955762E+14
v=v_elettrone : = 3485174.8266123
x0= : -1.0358428133651E-12
y0= : -4.345020241186E-12
*****
i=32471
k(32471)=0.99997587269264
kQ(32471)=0.9999517459674
r1= : 4.4672742544837E-12
rpunto1: = 2082508.8038934
rduepunti0 : = -1.0941923452039E+25
fil : = 488.28377487466
fipunto1 : = 6.2504997490373E+17
fi_gradi : = 27976.599505034
t1 : = 1.0809251069664E-14
tpunto1 : = 1.0004099354536
tduepunti0 : = -5.8951603149457E+14
v=v_elettrone : = 3484284.5832405
x0= : -1.0355809188938E-12
y0= : -4.3453340516646E-12
*****
i=32472
k(32472)=0.99997590241563
kQ(32472)=0.99995180541195
r1= : 4.4675184883951E-12
rpunto1: = 2081225.6785588
rduepunti0 : = -1.094082222572E+25
fil : = 488.2838481797
fipunto1 : = 6.24981629693E+17
fi_gradi : = 27976.603705104
t1 : = 1.080925118699E-14
tpunto1 : = 1.0004098663661
tduepunti0 : = -5.8908846992984E+14
v=v_elettrone : = 3483394.7578783
x0= : -1.0353189839772E-12
y0= : -4.3456476923687E-12
```

```
*****
i=32473
k(32473)=0.99997593211731
kQ(32473)=0.99995186481389
r1= : 4.4677625718232E-12
rpunto1: = 2079942.6822757
rduepunti0 : = -1.0939721842392E+25
fil : = 488.28392147673
fipunto1 : = 6.249133377949E+17
fi_gradi : = 27976.607904714
t1 : = 1.0809251304317E-14
tpunto1 : = 1.0004097973286
tduepunti0 : = -5.8866107470449E+14
v=v_elettrone : = 3482505.3506715
x0= : -1.0350570086321E-12
y0= : -4.345961163314E-12
*****
i=32474
k(32474)=0.9999759617977
kQ(32474)=0.99995192417323
r1= : 4.4680065047832E-12
rpunto1: = 2078659.8149453
rduepunti0 : = -1.0938622301652E+25
fil : = 488.28399476575
fipunto1 : = 6.2484509918205E+17
fi_gradi : = 27976.612103866
t1 : = 1.0809251421644E-14
tpunto1 : = 1.0004097283414
tduepunti0 : = -5.8823384565968E+14
v=v_elettrone : = 3481616.3617965
x0= : -1.0347949928753E-12
y0= : -4.3462744645161E-12
*****
i=32475
k(32475)=0.99997599145679
kQ(32475)=0.99995198348999
r1= : 4.4682502872902E-12
rpunto1: = 2077377.0764689
rduepunti0 : = -1.0937523603093E+25
fil : = 488.28406804677
fipunto1 : = 6.2477691382709E+17
fi_gradi : = 27976.616302559
t1 : = 1.0809251538971E-14
tpunto1 : = 1.0004096594041
tduepunti0 : = -5.8780678263674E+14
v=v_elettrone : = 3480727.7896897
x0= : -1.0345329367239E-12
y0= : -4.3465875959905E-12
*****
i=32476
k(32476)=0.9999760210946
kQ(32476)=0.99995204276419
r1= : 4.4684939193592E-12
rpunto1: = 2076094.4667476
rduepunti0 : = -1.0936425746311E+25
fil : = 488.28414131979
fipunto1 : = 6.2470878170268E+17
fi_gradi : = 27976.620500793
t1 : = 1.0809251656297E-14
tpunto1 : = 1.000409590517
tduepunti0 : = -5.8737988547709E+14
v=v_elettrone : = 3479839.6379763
x0= : -1.0342708401948E-12
y0= : -4.3469005577528E-12
```

```
*****
i=32477
k(32477)=0.99997605071113
kQ(32477)=0.99995210199584
r1= : 4.4687374010055E-12
rpunto1 : = 2074811.9856829
rduepunti0 : = -1.0935328730902E+25
fil : = 488.28421458482
fipunto1 : = 6.2464070278152E+17
fi_gradi : = 27976.62469857
t1 : = 1.0809251773624E-14
tpunto1 : = 1.0004095216799
tduepunti0 : = -5.8695315402233E+14
v=v_elettrone : = 3478951.9051088
x0= : -1.0340087033045E-12
y0= : -4.3472133498186E-12
*****
i=32478
k(32478)=0.9999760803064
kQ(32478)=0.99995216118495
r1= : 4.4689807322441E-12
rpunto1 : = 2073529.6331761
rduepunti0 : = -1.0934232556463E+25
fil : = 488.28428784186
fipunto1 : = 6.2457267703632E+17
fi_gradi : = 27976.62889589
t1 : = 1.0809251890951E-14
tpunto1 : = 1.0004094528928
tduepunti0 : = -5.8652658811417E+14
v=v_elettrone : = 3478064.5894914
x0= : -1.03374652607E-12
y0= : -4.3475259722035E-12
*****
i=32479
k(32479)=0.99997610988041
kQ(32479)=0.99995222033155
r1= : 4.4692239130901E-12
rpunto1 : = 2072247.4091286
rduepunti0 : = -1.0933137222589E+25
fil : = 488.28436109093
fipunto1 : = 6.2450470443986E+17
fi_gradi : = 27976.633092752
t1 : = 1.0809252008277E-14
tpunto1 : = 1.0004093841558
tduepunti0 : = -5.8610018759446E+14
v=v_elettrone : = 3477177.6930565
x0= : -1.0334843085081E-12
y0= : -4.347838424923E-12
*****
i=32480
k(32480)=0.99997613943316
kQ(32480)=0.99995227943565
r1= : 4.4694669435585E-12
rpunto1 : = 2070965.3134419
rduepunti0 : = -1.0932042728877E+25
fil : = 488.28443433203
fipunto1 : = 6.2443678496489E+17
fi_gradi : = 27976.637289158
t1 : = 1.0809252125604E-14
tpunto1 : = 1.0004093154687
tduepunti0 : = -5.8567395230519E+14
v=v_elettrone : = 3476291.2159617
x0= : -1.0332220506357E-12
y0= : -4.3481507079926E-12
```



```
*****
i=32481
k(32481)=0.99997616896467
kQ(32481)=0.99995233849726
r1= : 4.4697098236644E-12
rpunto1: = 2069683.3460175
rduepunti0 : = -1.0930949074927E+25
fil : = 488.28450756516
fipunto1 : = 6.2436891858424E+17
fi_gradi : = 27976.641485107
t1 : = 1.0809252242931E-14
tpunto1 : = 1.0004092468316
tduepunti0 : = -5.8524788208846E+14
v=v_elettrone : = 3475405.156634
x0= : -1.0329597524694E-12
y0= : -4.3484628214279E-12
*****
i=32482
k(32482)=0.99997619847495
kQ(32482)=0.9999523975164
r1= : 4.4699525534228E-12
rpunto1: = 2068401.506757
rduepunti0 : = -1.0929856260334E+25
fil : = 488.28458079033
fipunto1 : = 6.2430110527073E+17
fi_gradi : = 27976.6456806
t1 : = 1.0809252360258E-14
tpunto1 : = 1.0004091782444
tduepunti0 : = -5.8482197678653E+14
v=v_elettrone : = 3474519.5169752
x0= : -1.0326974140262E-12
y0= : -4.3487747652443E-12
*****
i=32483
k(32483)=0.99997622796399
kQ(32483)=0.99995245649309
r1= : 4.4701951328488E-12
rpunto1: = 2067119.795562
rduepunti0 : = -1.0928764284697E+25
fil : = 488.28465400754
fipunto1 : = 6.2423334499723E+17
fi_gradi : = 27976.649875638
t1 : = 1.0809252477584E-14
tpunto1 : = 1.0004091097072
tduepunti0 : = -5.8439623624179E+14
v=v_elettrone : = 3473634.2954329
x0= : -1.0324350353228E-12
y0= : -4.3490865394573E-12
*****
i=32484
k(32484)=0.99997625743181
kQ(32484)=0.99995251542734
r1= : 4.4704375619574E-12
rpunto1: = 2065838.2123341
rduepunti0 : = -1.0927673147616E+25
fil : = 488.28472721682
fipunto1 : = 6.2416563773664E+17
fi_gradi : = 27976.65407022
t1 : = 1.0809252594911E-14
tpunto1 : = 1.0004090412199
tduepunti0 : = -5.8397066029676E+14
v=v_elettrone : = 3472749.4938966
x0= : -1.0321726163762E-12
y0= : -4.3493981440825E-12
```

```
*****
i=32485
k(32485)=0.99997628687842
kQ(32485)=0.99995257431916
r1= : 4.4706798407636E-12
rpunto1: = 2064556.756975
rduepunti0 : = -1.0926582848688E+25
fil : = 488.28480041815
fipunto1 : = 6.2409798346188E+17
fi_gradi : = 27976.658264348
t1 : = 1.0809252712238E-14
tpunto1 : = 1.0004089727825
tduepunti0 : = -5.8354524879408E+14
v=v_elettrone : = 3471865.1108
x0= : -1.0319101572028E-12
y0= : -4.3497095791353E-12
*****
i=32486
k(32486)=0.99997631630383
kQ(32486)=0.99995263316857
r1= : 4.4709219692823E-12
rpunto1: = 2063275.4293865
rduepunti0 : = -1.0925493387515E+25
fil : = 488.28487361154
fipunto1 : = 6.2403038214589E+17
fi_gradi : = 27976.66245802
t1 : = 1.0809252829564E-14
tpunto1 : = 1.0004089043949
tduepunti0 : = -5.8312000157655E+14
v=v_elettrone : = 3470981.1480654
x0= : -1.0316476578196E-12
y0= : -4.3500208446311E-12
*****
i=32487
k(32487)=0.99997634570803
kQ(32487)=0.99995269197559
r1= : 4.4711639475287E-12
rpunto1: = 2061994.2294704
rduepunti0 : = -1.0924404763694E+25
fil : = 488.28494679701
fipunto1 : = 6.2396283376165E+17
fi_gradi : = 27976.666651239
t1 : = 1.0809252946891E-14
tpunto1 : = 1.0004088360572
tduepunti0 : = -5.8269491848707E+14
v=v_elettrone : = 3470097.6041007
x0= : -1.0313851182432E-12
y0= : -4.3503319405854E-12
*****
i=32488
k(32488)=0.99997637509105
kQ(32488)=0.99995275074023
r1= : 4.4714057755176E-12
rpunto1: = 2060713.1571285
rduepunti0 : = -1.0923316976828E+25
fil : = 488.28501997456
fipunto1 : = 6.2389533828218E+17
fi_gradi : = 27976.670844003
t1 : = 1.0809253064218E-14
tpunto1 : = 1.0004087677693
tduepunti0 : = -5.8226999936871E+14
v=v_elettrone : = 3469214.4790897
x0= : -1.0311225384904E-12
y0= : -4.3506428670137E-12
```

```
*****
i=32489
k(32489)=0.99997640445288
kQ(32489)=0.99995280946251
r1= : 4.471647453264E-12
rpunto1: = 2059432.2122627
rduepunti0 : = -1.0922230026516E+25
fil : = 488.28509314419
fipunto1 : = 6.2382789568049E+17
fi_gradi : = 27976.675036314
t1 : = 1.0809253181544E-14
tpunto1 : = 1.0004086995313
tduepunti0 : = -5.8184524406464E+14
v=v_elettrone : = 3468331.7731918
x0= : -1.0308599185781E-12
y0= : -4.3509536239313E-12
*****
i=32490
k(32490)=0.99997643379354
kQ(32490)=0.99995286814244
r1= : 4.4718889807828E-12
rpunto1: = 2058151.394775
rduepunti0 : = -1.0921143912359E+25
fil : = 488.28516630591
fipunto1 : = 6.2376050592966E+17
fi_gradi : = 27976.679228172
t1 : = 1.0809253298871E-14
tpunto1 : = 1.000408631343
tduepunti0 : = -5.8142065241819E+14
v=v_elettrone : = 3467449.4865763
x0= : -1.0305972585229E-12
y0= : -4.3512642113537E-12
*****
i=32491
k(32491)=0.99997646311303
kQ(32491)=0.99995292678004
r1= : 4.4721303580891E-12
rpunto1: = 2056870.7045673
rduepunti0 : = -1.0920058633959E+25
fil : = 488.28523945972
fipunto1 : = 6.2369316900277E+17
fi_gradi : = 27976.683419577
t1 : = 1.0809253416197E-14
tpunto1 : = 1.0004085632046
tduepunti0 : = -5.809962242728E+14
v=v_elettrone : = 3466567.6194254
x0= : -1.0303345583417E-12
y0= : -4.3515746292961E-12
*****
i=32492
k(32492)=0.99997649241136
kQ(32492)=0.99995298537532
r1= : 4.4723715851977E-12
rpunto1: = 2055590.1415417
rduepunti0 : = -1.0918974190918E+25
fil : = 488.28531260564
fipunto1 : = 6.2362588487295E+17
fi_gradi : = 27976.687610529
t1 : = 1.0809253533524E-14
tpunto1 : = 1.0004084951158
tduepunti0 : = -5.8057195947204E+14
v=v_elettrone : = 3465686.1718899
x0= : -1.0300718180512E-12
y0= : -4.3518848777741E-12
```

```
*****
i=32493
k(32493)=0.99997652168854
kQ(32493)=0.9999530439283
r1= : 4.4726126621235E-12
rpunto1: = 2054309.7056002
rduepunti0 : = -1.0917890582839E+25
fil : = 488.28538574367
fipunto1 : = 6.2355865351333E+17
fi_gradi : = 27976.69180103
t1 : = 1.0809253650851E-14
tpunto1 : = 1.0004084270769
tduepunti0 : = -5.8014785785965E+14
v=v_elettrone : = 3464805.1441506
x0= : -1.0298090376681E-12
y0= : -4.3521949568029E-12
*****
i=32494
k(32494)=0.99997655094457
kQ(32494)=0.999953102439
r1= : 4.4728535888815E-12
rpunto1: = 2053029.396645
rduepunti0 : = -1.0916807809323E+25
fil : = 488.28545887382
fipunto1 : = 6.234914748971E+17
fi_gradi : = 27976.695991078
t1 : = 1.0809253768177E-14
tpunto1 : = 1.0004083590876
tduepunti0 : = -5.7972391927945E+14
v=v_elettrone : = 3463924.5363774
x0= : -1.029546217209E-12
y0= : -4.352504866398E-12
*****
i=32495
k(32495)=0.99997658017947
kQ(32495)=0.99995316090742
r1= : 4.4730943654865E-12
rpunto1: = 2051749.2145782
rduepunti0 : = -1.0915725869974E+25
fil : = 488.28553199608
fipunto1 : = 6.2342434899745E+17
fi_gradi : = 27976.700180676
t1 : = 1.0809253885504E-14
tpunto1 : = 1.000408291148
tduepunti0 : = -5.7930014357542E+14
v=v_elettrone : = 3463044.3487264
x0= : -1.0292833566908E-12
y0= : -4.3528146065746E-12
*****
i=32496
k(32496)=0.99997660939324
kQ(32496)=0.99995321933359
r1= : 4.4733349919534E-12
rpunto1: = 2050469.159302
rduepunti0 : = -1.0914644764396E+25
fil : = 488.28560511047
fipunto1 : = 6.2335727578761E+17
fi_gradi : = 27976.704369822
t1 : = 1.080925400283E-14
tpunto1 : = 1.0004082232581
tduepunti0 : = -5.7887653059168E+14
v=v_elettrone : = 3462164.5813894
x0= : -1.02902045613E-12
y0= : -4.3531241773481E-12
```

```
*****
i=32497
k(32497)=0.99997663858588
kQ(32497)=0.99995327771752
r1= : 4.4735754682971E-12
rpunto1 : = 2049189.2307188
rduepunti0 : = -1.0913564492192E+25
fil : = 488.285678217
fipunto1 : = 6.2329025524085E+17
fi_gradi : = 27976.708558517
t1 : = 1.0809254120157E-14
tpunto1 : = 1.0004081554179
tduepunti0 : = -5.7845308017247E+14
v=v_elettrone : = 3461285.2327679
x0= : -1.0287575155433E-12
y0= : -4.3534335787339E-12
*****
i=32498
k(32498)=0.99997666775742
kQ(32498)=0.99995333605923
r1= : 4.4738157945325E-12
rpunto1 : = 2047909.4287308
rduepunti0 : = -1.0912485052967E+25
fil : = 488.28575131567
fipunto1 : = 6.2322328733044E+17
fi_gradi : = 27976.712746762
t1 : = 1.0809254237484E-14
tpunto1 : = 1.0004080876273
tduepunti0 : = -5.7802979216214E+14
v=v_elettrone : = 3460406.3047933
x0= : -1.0284945349475E-12
y0= : -4.3537428107472E-12
*****
i=32499
k(32499)=0.99997669690785
kQ(32499)=0.99995339435873
r1= : 4.4740559706744E-12
rpunto1 : = 2046629.7532403
rduepunti0 : = -1.0911406446326E+25
fil : = 488.28582440648
fipunto1 : = 6.231563720297E+17
fi_gradi : = 27976.716934557
t1 : = 1.080925435481E-14
tpunto1 : = 1.0004080198864
tduepunti0 : = -5.7760666640521E+14
v=v_elettrone : = 3459527.7976278
x0= : -1.0282315143592E-12
y0= : -4.3540518734033E-12
*****
i=32500
k(32500)=0.99997672603718
kQ(32500)=0.99995345261603
r1= : 4.4742959967376E-12
rpunto1 : = 2045350.2041499
rduepunti0 : = -1.0910328671872E+25
fil : = 488.28589748945
fipunto1 : = 6.2308950931197E+17
fi_gradi : = 27976.721121903
t1 : = 1.0809254472137E-14
tpunto1 : = 1.000407952195
tduepunti0 : = -5.7718370274631E+14
v=v_elettrone : = 3458649.7096986
x0= : -1.027968453795E-12
y0= : -4.3543607667176E-12
```

```

*****
i=32501
k(32501)=0.99997675514542
kQ(32501)=0.99995351083115
r1= : 4.4745358727369E-12
rpunto1: = 2044070.7813618
rduepunti0 : = -1.0909251729213E+25
fil : = 488.28597056457
fipunto1 : = 6.2302269915062E+17
fi_gradi : = 27976.725308799
t1 : = 1.0809254589463E-14
tpunto1 : = 1.0004078845533
tduepunti0 : = -5.7676090103019E+14
v=v_elettrone : = 3457772.0411669
x0= : -1.0277053532717E-12
y0= : -4.3546694907052E-12
*****
i=32502
k(32502)=0.99997678423257
kQ(32502)=0.99995356900411
r1= : 4.4747755986872E-12
rpunto1: = 2042791.4847787
rduepunti0 : = -1.0908175617954E+25
fil : = 488.28604363186
fipunto1 : = 6.2295594151905E+17
fi_gradi : = 27976.729495246
t1 : = 1.080925470679E-14
tpunto1 : = 1.0004078169611
tduepunti0 : = -5.7633826110176E+14
v=v_elettrone : = 3456894.7957082
x0= : -1.0274422128061E-12
y0= : -4.3549780453813E-12
*****
i=32503
k(32503)=0.99997681329865
kQ(32503)=0.99995362713493
r1= : 4.4750151746033E-12
rpunto1: = 2041512.3143031
rduepunti0 : = -1.0907100337701E+25
fil : = 488.28611669132
fipunto1 : = 6.2288923639068E+17
fi_gradi : = 27976.733681245
t1 : = 1.0809254824116E-14
tpunto1 : = 1.0004077494184
tduepunti0 : = -5.7591578280603E+14
v=v_elettrone : = 3456017.968247
x0= : -1.0271790324144E-12
y0= : -4.3552864307615E-12
*****
i=32504
k(32504)=0.99997684234366
kQ(32504)=0.9999536852236
r1= : 4.4752546004999E-12
rpunto1: = 2040233.2698375
rduepunti0 : = -1.0906025888061E+25
fil : = 488.28618974295
fipunto1 : = 6.2282258373897E+17
fi_gradi : = 27976.737866795
t1 : = 1.0809254941443E-14
tpunto1 : = 1.0004076819253
tduepunti0 : = -5.7549346598817E+14
v=v_elettrone : = 3455141.5624494
x0= : -1.0269158121136E-12
y0= : -4.3555946468606E-12

```

```
*****
i=32505
k(32505)=0.99997687136762
kQ(32505)=0.99995374327016
r1= : 4.4754938763919E-12
rpunto1: = 2038954.3512846
rduepunti0 : = -1.090495226864E+25
fil : = 488.28626278677
fipunto1 : = 6.2275598353738E+17
fi_gradi : = 27976.742051898
t1 : = 1.0809255058769E-14
tpunto1 : = 1.0004076144817
tduepunti0 : = -5.7507131049345E+14
v=v_elettrone : = 3454265.5767351
x0= : -1.0266525519202E-12
y0= : -4.3559026936941E-12
*****
i=32506
k(32506)=0.99997690037051
kQ(32506)=0.99995380127462
r1= : 4.475733002294E-12
rpunto1: = 2037675.558547
rduepunti0 : = -1.0903879479048E+25
fil : = 488.28633582278
fipunto1 : = 6.2268943575944E+17
fi_gradi : = 27976.746236553
t1 : = 1.0809255176096E-14
tpunto1 : = 1.0004075470876
tduepunti0 : = -5.7464931616729E+14
v=v_elettrone : = 3453390.0112658
x0= : -1.0263892518509E-12
y0= : -4.3562105712771E-12
*****
i=32507
k(32507)=0.99997692935237
kQ(32507)=0.99995385923699
r1= : 4.4759719782209E-12
rpunto1: = 2036396.8915276
rduepunti0 : = -1.090280751889E+25
fil : = 488.28640885098
fipunto1 : = 6.2262294037867E+17
fi_gradi : = 27976.750420761
t1 : = 1.0809255293422E-14
tpunto1 : = 1.0004074797429
tduepunti0 : = -5.7422748285523E+14
v=v_elettrone : = 3452514.8662291
x0= : -1.0261259119223E-12
y0= : -4.3565182796248E-12
*****
i=32508
k(32508)=0.99997695831318
kQ(32508)=0.99995391715729
r1= : 4.4762108041875E-12
rpunto1: = 2035118.350129
rduepunti0 : = -1.0901736387777E+25
fil : = 488.28648187139
fipunto1 : = 6.2255649736863E+17
fi_gradi : = 27976.754604522
t1 : = 1.0809255410749E-14
tpunto1 : = 1.0004074124477
tduepunti0 : = -5.7380581040295E+14
v=v_elettrone : = 3451640.1435375
x0= : -1.0258625321511E-12
y0= : -4.3568258187524E-12
```

```
*****
i=32509
k(32509)=0.99997698725297
kQ(32509)=0.99995397503553
r1= : 4.4764494802084E-12
rpunto1: = 2033839.934254
rduepunti0 : = -1.0900666085315E+25
fil : = 488.286554884
fipunto1 : = 6.2249010670293E+17
fi_gradi : = 27976.758787836
t1 : = 1.0809255528075E-14
tpunto1 : = 1.000407345202
tduepunti0 : = -5.7338429865624E+14
v=v_elettrone : = 3450765.8398538
x0= : -1.0255991125537E-12
y0= : -4.3571331886751E-12
*****
i=32510
k(32510)=0.99997701617173
kQ(32510)=0.99995403287172
r1= : 4.4766880062983E-12
rpunto1: = 2032561.6438056
rduepunti0 : = -1.0899596611116E+25
fil : = 488.28662788883
fipunto1 : = 6.2242376835517E+17
fi_gradi : = 27976.762970705
t1 : = 1.0809255645402E-14
tpunto1 : = 1.0004072780056
tduepunti0 : = -5.7296294746105E+14
v=v_elettrone : = 3449891.9588605
x0= : -1.025335653147E-12
y0= : -4.3574403894079E-12
*****
i=32511
k(32511)=0.99997704506948
kQ(32511)=0.99995409066589
r1= : 4.476926382472E-12
rpunto1: = 2031283.4786867
rduepunti0 : = -1.0898527964787E+25
fil : = 488.28670088587
fipunto1 : = 6.22357482299E+17
fi_gradi : = 27976.767153127
t1 : = 1.0809255762728E-14
tpunto1 : = 1.0004072108587
tduepunti0 : = -5.7254175666343E+14
v=v_elettrone : = 3449018.4972203
x0= : -1.0250721539472E-12
y0= : -4.3577474209661E-12
*****
i=32512
k(32512)=0.99997707394622
kQ(32512)=0.99995414841805
r1= : 4.4771646087442E-12
rpunto1: = 2030005.4388001
rduepunti0 : = -1.0897460145938E+25
fil : = 488.28677387514
fipunto1 : = 6.2229124850809E+17
fi_gradi : = 27976.771335105
t1 : = 1.0809255880055E-14
tpunto1 : = 1.0004071437611
tduepunti0 : = -5.7212072610957E+14
v=v_elettrone : = 3448145.4586169
x0= : -1.0248086149713E-12
y0= : -4.3580542833648E-12
```



```

*****
i=32513
k(32513)=0.99997710280197
kQ(32513)=0.99995420612821
r1= : 4.4774026851295E-12
rpunto1: = 2028727.524049
rduerpunti0 : = -1.0896393154181E+25
fil : = 488.28684685665
fipunto1 : = 6.2222506695614E+17
fi_gradi : = 27976.775516637
t1 : = 1.0809255997381E-14
tpunto1 : = 1.0004070767129
tduerpunti0 : = -5.7169985564578E+14
v=v_elettrone : = 3447272.8396993
x0= : -1.0245450362355E-12
y0= : -4.3583609766191E-12
*****
i=32514
k(32514)=0.99997713163671
kQ(32514)=0.99995426379639
r1= : 4.4776406116426E-12
rpunto1: = 2027449.7343363
rduerpunti0 : = -1.0895326989126E+25
fil : = 488.28691983039
fipunto1 : = 6.2215893761689E+17
fi_gradi : = 27976.779697724
t1 : = 1.0809256114707E-14
tpunto1 : = 1.000407009714
tduerpunti0 : = -5.7127914511853E+14
v=v_elettrone : = 3446400.6424082
x0= : -1.0242814177566E-12
y0= : -4.3586675007442E-12
*****
i=32515
k(32515)=0.99997716045048
kQ(32515)=0.9999543214226
r1= : 4.4778783882983E-12
rpunto1: = 2026172.0695651
rduerpunti0 : = -1.0894261650383E+25
fil : = 488.28699279638
fipunto1 : = 6.2209286046408E+17
fi_gradi : = 27976.783878367
t1 : = 1.0809256232034E-14
tpunto1 : = 1.0004069427645
tduerpunti0 : = -5.7085859437437E+14
v=v_elettrone : = 3445528.8668975
x0= : -1.024017759551E-12
y0= : -4.358973855755E-12
*****
i=32516
k(32516)=0.99997718924327
kQ(32516)=0.99995437900686
r1= : 4.4781160151111E-12
rpunto1: = 2024894.5296386
rduerpunti0 : = -1.0893197137565E+25
fil : = 488.28706575462
fipunto1 : = 6.220268354715E+17
fi_gradi : = 27976.788058567
t1 : = 1.080925634936E-14
tpunto1 : = 1.0004068758642
tduerpunti0 : = -5.7043820326002E+14
v=v_elettrone : = 3444657.511604
x0= : -1.0237540616354E-12
y0= : -4.3592800416667E-12

```

```
*****
i=32517
k(32517)=0.99997721801508
kQ(32517)=0.99995443654919
r1= : 4.4783534920956E-12
rpunto1: = 2023617.11446
rduepunti0 : = -1.0892133450282E+25
fil : = 488.28713870511
fipunto1 : = 6.2196086261295E+17
fi_gradi : = 27976.792238322
t1 : = 1.0809256466687E-14
tpunto1 : = 1.0004068090133
tduepunti0 : = -5.7001797162231E+14
v=v_elettrone : = 3443786.5784437
x0= : -1.0234903240264E-12
y0= : -4.3595860584944E-12
*****
i=32518
k(32518)=0.99997724676594
kQ(32518)=0.99995449404959
r1= : 4.4785908192666E-12
rpunto1: = 2022339.8239324
rduepunti0 : = -1.0891070588148E+25
fil : = 488.28721164787
fipunto1 : = 6.2189494186228E+17
fi_gradi : = 27976.796417634
t1 : = 1.0809256584013E-14
tpunto1 : = 1.0004067422116
tduepunti0 : = -5.6959789930819E+14
v=v_elettrone : = 3442916.0658275
x0= : -1.0232265467404E-12
y0= : -4.3598919062531E-12
*****
i=32519
k(32519)=0.99997727549584
kQ(32519)=0.99995455150808
r1= : 4.4788279966386E-12
rpunto1: = 2021062.6579592
rduepunti0 : = -1.0890008550775E+25
fil : = 488.2872845829
fipunto1 : = 6.2182907319334E+17
fi_gradi : = 27976.800596503
t1 : = 1.0809256701339E-14
tpunto1 : = 1.0004066754591
tduepunti0 : = -5.6917798616476E+14
v=v_elettrone : = 3442045.9774438
x0= : -1.0229627297941E-12
y0= : -4.3601975849578E-12
*****
i=32520
k(32520)=0.99997730420479
kQ(32520)=0.99995460892468
r1= : 4.4790650242263E-12
rpunto1: = 2019785.6164437
rduepunti0 : = -1.0888947337775E+25
fil : = 488.2873575102
fipunto1 : = 6.2176325658003E+17
fi_gradi : = 27976.80477493
t1 : = 1.0809256818666E-14
tpunto1 : = 1.0004066087559
tduepunti0 : = -5.6875823203922E+14
v=v_elettrone : = 3441176.3081989
x0= : -1.0226988732038E-12
y0= : -4.3605030946236E-12
```

```
*****
i=32521
k(32521)=0.9999773328928
kQ(32521)=0.9999546662994
r1= : 4.4793019020442E-12
rpunto1 : = 2018508.6992892
rduepunti0 : = -1.0887886948763E+25
fil : = 488.28743042978
fipunto1 : = 6.2169749199628E+17
fi_gradi : = 27976.808952914
t1 : = 1.0809256935992E-14
tpunto1 : = 1.0004065421019
tduepunti0 : = -5.6833863677893E+14
v=v_elettrone : = 3440307.0617717
x0= : -1.0224349769862E-12
y0= : -4.3608084352655E-12
*****
i=32522
k(32522)=0.99997736155988
kQ(32522)=0.99995472363227
r1= : 4.4795386301069E-12
rpunto1 : = 2017231.9063991
rduepunti0 : = -1.0886827383353E+25
fil : = 488.28750334165
fipunto1 : = 6.2163177941601E+17
fi_gradi : = 27976.813130457
t1 : = 1.0809257053319E-14
tpunto1 : = 1.000406475497
tduepunti0 : = -5.6791920023135E+14
v=v_elettrone : = 3439438.2365763
x0= : -1.0221710411577E-12
y0= : -4.3611136068985E-12
*****
i=32523
k(32523)=0.99997739020604
kQ(32523)=0.99995478092328
r1= : 4.4797752084291E-12
rpunto1 : = 2015955.237677
rduepunti0 : = -1.0885768641157E+25
fil : = 488.28757624581
fipunto1 : = 6.2156611881321E+17
fi_gradi : = 27976.817307557
t1 : = 1.0809257170645E-14
tpunto1 : = 1.0004064089414
tduepunti0 : = -5.6749992224408E+14
v=v_elettrone : = 3438569.8345486
x0= : -1.021907065735E-12
y0= : -4.3614186095377E-12
*****
i=32524
k(32524)=0.99997741883128
kQ(32524)=0.99995483817246
r1= : 4.4800116370252E-12
rpunto1 : = 2014678.6930262
rduepunti0 : = -1.0884710721791E+25
fil : = 488.28764914227
fipunto1 : = 6.2150051016188E+17
fi_gradi : = 27976.821484217
t1 : = 1.0809257287971E-14
tpunto1 : = 1.0004063424349
tduepunti0 : = -5.6708080266484E+14
v=v_elettrone : = 3437701.8541042
x0= : -1.0216430507343E-12
y0= : -4.3617234431979E-12
```

```
*****
i=32525
k(32525)=0.9999774474356
kQ(32525)=0.99995489537983
r1= : 4.4802479159098E-12
rpunto1 : = 2013402.2723504
rduepunti0 : = -1.0883653624871E+25
fil : = 488.28772203104
fipunto1 : = 6.2143495343604E+17
fi_gradi : = 27976.825660436
t1 : = 1.0809257405298E-14
tpunto1 : = 1.0004062759775
tduepunti0 : = -5.6666184134148E+14
v=v_elettrone : = 3436834.2953954
x0= : -1.0213789961723E-12
y0= : -4.3620281078942E-12
*****
i=32526
k(32526)=0.99997747601903
kQ(32526)=0.99995495254539
r1= : 4.4804840450974E-12
rpunto1 : = 2012125.9755532
rduepunti0 : = -1.088259735001E+25
fil : = 488.28779491212
fipunto1 : = 6.2136944860975E+17
fi_gradi : = 27976.829836214
t1 : = 1.0809257522624E-14
tpunto1 : = 1.0004062095693
tduepunti0 : = -5.6624303812198E+14
v=v_elettrone : = 3435967.1586226
x0= : -1.0211149020653E-12
y0= : -4.3623326036415E-12
*****
i=32527
k(32527)=0.99997750458156
kQ(32527)=0.99995500966916
r1= : 4.4807200246027E-12
rpunto1 : = 2010849.8025381
rduepunti0 : = -1.0881541896826E+25
fil : = 488.28786778552
fipunto1 : = 6.2130399565709E+17
fi_gradi : = 27976.834011552
t1 : = 1.080925763995E-14
tpunto1 : = 1.0004061432102
tduepunti0 : = -5.6582439285444E+14
v=v_elettrone : = 3435100.4439315
x0= : -1.0208507684301E-12
y0= : -4.3626369304548E-12
*****
i=32528
k(32528)=0.9999775331232
kQ(32528)=0.99995506675117
r1= : 4.48095585444E-12
rpunto1 : = 2009573.7532088
rduepunti0 : = -1.0880487264933E+25
fil : = 488.28794065124
fipunto1 : = 6.2123859455217E+17
fi_gradi : = 27976.83818645
t1 : = 1.0809257757277E-14
tpunto1 : = 1.0004060769001
tduepunti0 : = -5.654059053871E+14
v=v_elettrone : = 3434234.15151
x0= : -1.020586595283E-12
y0= : -4.362941088349E-12
```

```
*****
i=32529
k(32529)=0.99997756164396
kQ(32529)=0.99995512379141
r1= : 4.4811915346239E-12
rpunto1: = 2008297.8274692
rduepunti0 : = -1.087943345395E+25
fil : = 488.28801350929
fipunto1 : = 6.2117324526912E+17
fi_gradi : = 27976.842360909
t1 : = 1.0809257874603E-14
tpunto1 : = 1.0004060106391
tduepunti0 : = -5.649875755683E+14
v=v_elettrone : = 3433368.2815273
x0= : -1.0203223826405E-12
y0= : -4.363245077339E-12
*****
i=32530
k(32530)=0.99997759014385
kQ(32530)=0.99995518078991
r1= : 4.4814270651689E-12
rpunto1: = 2007022.0252228
rduepunti0 : = -1.0878380463491E+25
fil : = 488.28808635968
fipunto1 : = 6.2110794778211E+17
fi_gradi : = 27976.846534929
t1 : = 1.0809257991929E-14
tpunto1 : = 1.0004059444271
tduepunti0 : = -5.6456940324654E+14
v=v_elettrone : = 3432502.8341567
x0= : -1.0200581305191E-12
y0= : -4.3635488974397E-12
*****
i=32531
k(32531)=0.99997761862288
kQ(32531)=0.99995523774668
r1= : 4.4816624460895E-12
rpunto1: = 2005746.3463737
rduepunti0 : = -1.0877328293176E+25
fil : = 488.2881592024
fipunto1 : = 6.2104270206532E+17
fi_gradi : = 27976.85070851
t1 : = 1.0809258109256E-14
tpunto1 : = 1.0004058782642
tduepunti0 : = -5.6415138827042E+14
v=v_elettrone : = 3431637.8095653
x0= : -1.0197938389352E-12
y0= : -4.363852548666E-12
*****
i=32532
k(32532)=0.99997764708104
kQ(32532)=0.99995529466174
r1= : 4.4818976774002E-12
rpunto1: = 2004470.7908255
rduepunti0 : = -1.0876276942622E+25
fil : = 488.28823203748
fipunto1 : = 6.2097750809298E+17
fi_gradi : = 27976.854881652
t1 : = 1.0809258226582E-14
tpunto1 : = 1.0004058121503
tduepunti0 : = -5.6373353048867E+14
v=v_elettrone : = 3430773.20793
x0= : -1.0195295079052E-12
y0= : -4.3641560310328E-12
```

```
*****
i=32533
k(32533)=0.99997767551836
kQ(32533)=0.9999553515351
r1= : 4.4821327591154E-12
rpunto1: = 2003195.3584823
rduepunti0 : = -1.0875226411446E+25
fil : = 488.28830486491
fipunto1 : = 6.2091236583932E+17
fi_gradi : = 27976.859054357
t1 : = 1.0809258343908E-14
tpunto1 : = 1.0004057460853
tduepunti0 : = -5.6331582975016E+14
v=v_elettrone : = 3429909.0294145
x0= : -1.0192651374455E-12
y0= : -4.364459344555E-12
*****
i=32534
k(32534)=0.99997770393483
kQ(32534)=0.99995540836678
r1= : 4.4823676912495E-12
rpunto1: = 2001920.049248
rduepunti0 : = -1.0874176699267E+25
fil : = 488.2883776847
fipunto1 : = 6.2084727527862E+17
fi_gradi : = 27976.863226623
t1 : = 1.0809258461234E-14
tpunto1 : = 1.0004056800693
tduepunti0 : = -5.6289828590386E+14
v=v_elettrone : = 3429045.2724518
x0= : -1.0190007275725E-12
y0= : -4.3647624892475E-12
*****
i=32535
k(32535)=0.99997773233047
kQ(32535)=0.99995546515678
r1= : 4.482602473817E-12
rpunto1: = 2000644.8630265
rduepunti0 : = -1.0873127805704E+25
fil : = 488.28845049686
fipunto1 : = 6.2078223638517E+17
fi_gradi : = 27976.867398453
t1 : = 1.0809258578561E-14
tpunto1 : = 1.0004056141023
tduepunti0 : = -5.6248089879888E+14
v=v_elettrone : = 3428181.9389564
x0= : -1.0187362783027E-12
y0= : -4.365065465125E-12
*****
i=32536
k(32536)=0.99997776070527
kQ(32536)=0.99995552190513
r1= : 4.4828371068324E-12
rpunto1: = 1999369.7997219
rduepunti0 : = -1.0872079730377E+25
fil : = 488.28852330139
fipunto1 : = 6.207172491333E+17
fi_gradi : = 27976.871569845
t1 : = 1.0809258695887E-14
tpunto1 : = 1.0004055481842
tduepunti0 : = -5.6206366828447E+14
v=v_elettrone : = 3427319.0273445
x0= : -1.0184717896526E-12
y0= : -4.3653682722025E-12
```

```
*****
i=32537
k(32537)=0.99997778905926
kQ(32537)=0.99995557861185
r1= : 4.48307159031E-12
rpunto1: = 1998094.8592383
rduepunti0 : = -1.0871032472905E+25
fil : = 488.2885960983
fipunto1 : = 6.2065231349736E+17
fi_gradi : = 27976.875740801
t1 : = 1.0809258813213E-14
tpunto1 : = 1.000405482315
tduepunti0 : = -5.6164659420998E+14
v=v_elettrone : = 3426456.5395457
x0= : -1.0182072616386E-12
y0= : -4.3656709104947E-12
*****
i=32538
k(32538)=0.99997781739243
kQ(32538)=0.99995563527693
r1= : 4.4833059242642E-12
rpunto1: = 1996820.0414798
rduepunti0 : = -1.0869986032907E+25
fil : = 488.28866888759
fipunto1 : = 6.2058742945172E+17
fi_gradi : = 27976.87991132
t1 : = 1.080925893054E-14
tpunto1 : = 1.0004054164948
tduepunti0 : = -5.612296764249E+14
v=v_elettrone : = 3425594.4757415
x0= : -1.0179426942772E-12
y0= : -4.3659733800165E-12
*****
i=32539
k(32539)=0.9999778457048
kQ(32539)=0.99995569190041
r1= : 4.4835401087095E-12
rpunto1: = 1995545.3463507
rduepunti0 : = -1.0868940410005E+25
fil : = 488.28874166927
fipunto1 : = 6.2052259697079E+17
fi_gradi : = 27976.884081403
t1 : = 1.0809259047866E-14
tpunto1 : = 1.0004053507233
tduepunti0 : = -5.6081291477883E+14
v=v_elettrone : = 3424732.8343398
x0= : -1.0176780875844E-12
y0= : -4.3662756807826E-12
*****
i=32540
k(32540)=0.99997787399636
kQ(32540)=0.99995574848229
r1= : 4.4837741436602E-12
rpunto1: = 1994270.773755
rduepunti0 : = -1.0867895603819E+25
fil : = 488.28881444335
fipunto1 : = 6.20457816029E+17
fi_gradi : = 27976.888251051
t1 : = 1.0809259165192E-14
tpunto1 : = 1.0004052850008
tduepunti0 : = -5.6039630912151E+14
v=v_elettrone : = 3423871.615515
x0= : -1.0174134415769E-12
y0= : -4.3665778128078E-12
```

```
*****
i=32541
k(32541)=0.99997790226714
kQ(32541)=0.99995580502259
r1= : 4.4840080291307E-12
rpunto1 : = 1992996.3235971
rduepunti0 : = -1.086685161397E+25
fil : = 488.28888720983
fipunto1 : = 6.2039308660081E+17
fi_gradi : = 27976.892420263
t1 : = 1.0809259282518E-14
tpunto1 : = 1.0004052193271
tduepunti0 : = -5.599798593028E+14
v=v_elettrone : = 3423010.8211996
x0= : -1.017148756271E-12
y0= : -4.366879776107E-12
*****
i=32542
k(32542)=0.99997793051713
kQ(32542)=0.99995586152132
r1= : 4.4842417651354E-12
rpunto1 : = 1991721.9957812
rduepunti0 : = -1.086580844008E+25
fil : = 488.28895996872
fipunto1 : = 6.2032840866071E+17
fi_gradi : = 27976.89658904
t1 : = 1.0809259399844E-14
tpunto1 : = 1.0004051537022
tduepunti0 : = -5.5956356517267E+14
v=v_elettrone : = 3422150.4498009
x0= : -1.0168840316831E-12
y0= : -4.3671815706948E-12
*****
i=32543
k(32543)=0.99997795874634
kQ(32543)=0.9999559179785
r1= : 4.4844753516885E-12
rpunto1 : = 1990447.7902118
rduepunti0 : = -1.086476608177E+25
fil : = 488.28903272003
fipunto1 : = 6.202637821832E+17
fi_gradi : = 27976.900757383
t1 : = 1.0809259517171E-14
tpunto1 : = 1.0004050881261
tduepunti0 : = -5.5914742658123E+14
v=v_elettrone : = 3421290.5015032
x0= : -1.0166192678296E-12
y0= : -4.3674831965861E-12
*****
i=32544
k(32544)=0.99997798695479
kQ(32544)=0.99995597439415
r1= : 4.4847087888045E-12
rpunto1 : = 1989173.7067932
rduepunti0 : = -1.0863724538664E+25
fil : = 488.28910546375
fipunto1 : = 6.2019920714281E+17
fi_gradi : = 27976.904925292
t1 : = 1.0809259634497E-14
tpunto1 : = 1.0004050225988
tduepunti0 : = -5.5873144337872E+14
v=v_elettrone : = 3420430.9782267
x0= : -1.0163544647268E-12
y0= : -4.3677846537955E-12
```



```

*****
i=32545
k(32545)=0.99997801514247
kQ(32545)=0.99995603076827
r1= : 4.4849420764976E-12
rpunto1: = 1987899.7454298
rduepunti0 : = -1.0862683810384E+25
fil : = 488.28917819991
fipunto1 : = 6.2013468351413E+17
fi_gradi : = 27976.909092766
t1 : = 1.0809259751823E-14
tpunto1 : = 1.0004049571203
tduepunti0 : = -5.5831561541549E+14
v=v_elettrone : = 3419571.8766368
x0= : -1.0160896223909E-12
y0= : -4.3680859423379E-12
*****
i=32546
k(32546)=0.99997804330939
kQ(32546)=0.99995608710088
r1= : 4.4851752147822E-12
rpunto1: = 1986625.9060262
rduepunti0 : = -1.0861643896553E+25
fil : = 488.28925092849
fipunto1 : = 6.2007021127173E+17
fi_gradi : = 27976.913259807
t1 : = 1.0809259869149E-14
tpunto1 : = 1.0004048916905
tduepunti0 : = -5.5789994254201E+14
v=v_elettrone : = 3418713.2004203
x0= : -1.0158247408387E-12
y0= : -4.3683870622278E-12
*****
i=32547
k(32547)=0.99997807145557
kQ(32547)=0.999956143392
r1= : 4.4854082036726E-12
rpunto1: = 1985352.1884868
rduepunti0 : = -1.0860604796794E+25
fil : = 488.28932364952
fipunto1 : = 6.2000579039024E+17
fi_gradi : = 27976.917426415
t1 : = 1.0809259986475E-14
tpunto1 : = 1.0004048263095
tduepunti0 : = -5.5748442460888E+14
v=v_elettrone : = 3417854.9462183
x0= : -1.015559820086E-12
y0= : -4.36868801348E-12
*****
i=32548
k(32548)=0.99997809958101
kQ(32548)=0.99995619964165
r1= : 4.4856410431831E-12
rpunto1: = 1984078.5927163
rduepunti0 : = -1.0859566510731E+25
fil : = 488.28939636299
fipunto1 : = 6.199414208443E+17
fi_gradi : = 27976.92159259
t1 : = 1.0809260103802E-14
tpunto1 : = 1.0004047609772
tduepunti0 : = -5.5706906146683E+14
v=v_elettrone : = 3416997.1177574
x0= : -1.0152948601497E-12
y0= : -4.3689887961092E-12

```

```
*****
i=32549
k(32549)=0.99997812768571
kQ(32549)=0.99995625584982
r1= : 4.4858737333279E-12
rpunto1: = 1982805.1186192
rduepunti0 : = -1.0858529037989E+25
fil : = 488.28946906891
fipunto1 : = 6.1987710260857E+17
fi_gradi : = 27976.925758332
t1 : = 1.0809260221128E-14
tpunto1 : = 1.0004046956935
tduepunti0 : = -5.566538529667E+14
v=v_elettrone : = 3416139.7116502
x0= : -1.0150298610456E-12
y0= : -4.36928941013E-12
*****
i=32550
k(32550)=0.99997815576969
kQ(32550)=0.99995631201655
r1= : 4.4861062741214E-12
rpunto1: = 1981531.7661003
rduepunti0 : = -1.0857492378192E+25
fil : = 488.28954176728
fipunto1 : = 6.1981283565776E+17
fi_gradi : = 27976.929923642
t1 : = 1.0809260338454E-14
tpunto1 : = 1.0004046304586
tduepunti0 : = -5.5623879895946E+14
v=v_elettrone : = 3415282.7316279
x0= : -1.0147648227904E-12
y0= : -4.3695898555572E-12
*****
i=32551
k(32551)=0.99997818383295
kQ(32551)=0.99995636814185
r1= : 4.4863386655777E-12
rpunto1: = 1980258.5350641
rduepunti0 : = -1.0856456530965E+25
fil : = 488.28961445812
fipunto1 : = 6.1974861996659E+17
fi_gradi : = 27976.934088521
t1 : = 1.080926045578E-14
tpunto1 : = 1.0004045652723
tduepunti0 : = -5.5582389929621E+14
v=v_elettrone : = 3414426.1743151
x0= : -1.0144997454002E-12
y0= : -4.3698901324054E-12
*****
i=32552
k(32552)=0.9999782118755
kQ(32552)=0.99995642422572
r1= : 4.4865709077112E-12
rpunto1: = 1978985.4254155
rduepunti0 : = -1.0855421495934E+25
fil : = 488.28968714143
fipunto1 : = 6.1968445550981E+17
fi_gradi : = 27976.938252967
t1 : = 1.0809260573106E-14
tpunto1 : = 1.0004045001346
tduepunti0 : = -5.5540915382815E+14
v=v_elettrone : = 3413570.0416623
x0= : -1.0142346288913E-12
y0= : -4.3701902406892E-12
```

```
*****
i=32553
k(32553)=0.99997823989734
kQ(32553)=0.99995648026818
r1= : 4.486803000536E-12
rpunto1 : = 1977712.4370592
rduepunti0 : = -1.0854387272723E+25
fil : = 488.28975981721
fipunto1 : = 6.196203422622E+17
fi_gradi : = 27976.942416983
t1 : = 1.0809260690432E-14
tpunto1 : = 1.0004044350456
tduepunti0 : = -5.5499456240663E+14
v=v_elettrone : = 3412714.3320691
x0= : -1.0139694732801E-12
y0= : -4.3704901804233E-12
*****
i=32554
k(32554)=0.99997826789849
kQ(32554)=0.99995653626926
r1= : 4.4870349440664E-12
rpunto1 : = 1976439.5699002
rduepunti0 : = -1.0853353860961E+25
fil : = 488.28983248548
fipunto1 : = 6.1955628019855E+17
fi_gradi : = 27976.946580568
t1 : = 1.0809260807758E-14
tpunto1 : = 1.0004043700051
tduepunti0 : = -5.545801248831E+14
v=v_elettrone : = 3411859.0492505
x0= : -1.0137042785831E-12
y0= : -4.3707899516221E-12
*****
i=32555
k(32555)=0.99997829587894
kQ(32555)=0.99995659222896
r1= : 4.4872667383166E-12
rpunto1 : = 1975166.8238431
rduepunti0 : = -1.0852321260272E+25
fil : = 488.28990514623
fipunto1 : = 6.194922692937E+17
fi_gradi : = 27976.950743722
t1 : = 1.0809260925085E-14
tpunto1 : = 1.0004043050133
tduepunti0 : = -5.5416584110915E+14
v=v_elettrone : = 3411004.1880673
x0= : -1.0134390448161E-12
y0= : -4.3710895543005E-12
*****
i=32556
k(32556)=0.99997832383872
kQ(32556)=0.99995664814729
r1= : 4.4874983833008E-12
rpunto1 : = 1973894.1987931
rduepunti0 : = -1.0851289470284E+25
fil : = 488.28997779947
fipunto1 : = 6.1942830952251E+17
fi_gradi : = 27976.954906446
t1 : = 1.0809261042411E-14
tpunto1 : = 1.00040424007
tduepunti0 : = -5.5375171093647E+14
v=v_elettrone : = 3410149.7540137
x0= : -1.0131737719958E-12
y0= : -4.3713889884729E-12
```

```
*****
i=32557
k(32557)=0.99997835177782
kQ(32557)=0.99995670402428
r1= : 4.4877298790332E-12
rpunto1 : = 1972621.694655
rduepunti0 : = -1.0850258490624E+25
fil : = 488.29005044522
fipunto1 : = 6.1936440085984E+17
fi_gradi : = 27976.959068741
t1 : = 1.0809261159737E-14
tpunto1 : = 1.0004041751753
tduepunti0 : = -5.5333773421689E+14
v=v_elettrone : = 3409295.743705
x0= : -1.0129084601382E-12
y0= : -4.3716882541539E-12
*****
i=32558
k(32558)=0.99997837969625
kQ(32558)=0.99995675985993
r1= : 4.487961225528E-12
rpunto1 : = 1971349.3113339
rduepunti0 : = -1.084922832092E+25
fil : = 488.29012308346
fipunto1 : = 6.1930054328062E+17
fi_gradi : = 27976.963230606
t1 : = 1.0809261277063E-14
tpunto1 : = 1.0004041103291
tduepunti0 : = -5.5292391080237E+14
v=v_elettrone : = 3408442.1573431
x0= : -1.0126431092597E-12
y0= : -4.3719873513582E-12
*****
i=32559
k(32559)=0.99997840759402
kQ(32559)=0.99995681565427
r1= : 4.4881924227993E-12
rpunto1 : = 1970077.0487347
rduepunti0 : = -1.0848198960799E+25
fil : = 488.29019571422
fipunto1 : = 6.1923673675978E+17
fi_gradi : = 27976.967392042
t1 : = 1.0809261394389E-14
tpunto1 : = 1.0004040455314
tduepunti0 : = -5.5251024054496E+14
v=v_elettrone : = 3407588.9968539
x0= : -1.0123777193766E-12
y0= : -4.3722862801002E-12
*****
i=32560
k(32560)=0.99997843547113
kQ(32560)=0.9999568714073
r1= : 4.4884234708614E-12
rpunto1 : = 1968804.9067627
rduepunti0 : = -1.0847170409891E+25
fil : = 488.2902683375
fipunto1 : = 6.1917298127227E+17
fi_gradi : = 27976.971553049
t1 : = 1.0809261511715E-14
tpunto1 : = 1.0004039807822
tduepunti0 : = -5.5209672329685E+14
v=v_elettrone : = 3406736.2606399
x0= : -1.0121122905051E-12
y0= : -4.3725850403945E-12
```

```
*****
i=32561
k(32561)=0.9999784633276
kQ(32561)=0.99995692711903
r1= : 4.4886543697282E-12
rpunto1 : = 1967532.885323
rduepunti0 : = -1.0846142667824E+25
fil : = 488.29034095329
fipunto1 : = 6.1910927679309E+17
fi_gradi : = 27976.975713628
t1 : = 1.0809261629041E-14
tpunto1 : = 1.0004039160815
tduepunti0 : = -5.5168335891037E+14
v=v_elettrone : = 3405883.9506611
x0= : -1.0118468226614E-12
y0= : -4.3728836322556E-12
*****
i=32562
k(32562)=0.99997849116343
kQ(32562)=0.9999569827895
r1= : 4.4888851194141E-12
rpunto1 : = 1966260.9843206
rduepunti0 : = -1.0845115734228E+25
fil : = 488.29041356162
fipunto1 : = 6.1904562329724E+17
fi_gradi : = 27976.979873778
t1 : = 1.0809261746367E-14
tpunto1 : = 1.0004038514293
tduepunti0 : = -5.5127014723793E+14
v=v_elettrone : = 3405032.0635302
x0= : -1.0115813158616E-12
y0= : -4.3731820556981E-12
*****
i=32563
k(32563)=0.99997851897863
kQ(32563)=0.9999570384187
r1= : 4.4891157199331E-12
rpunto1 : = 1964989.2036609
rduepunti0 : = -1.084408960873E+25
fil : = 488.29048616248
fipunto1 : = 6.1898202075977E+17
fi_gradi : = 27976.984033501
t1 : = 1.0809261863693E-14
tpunto1 : = 1.0004037868255
tduepunti0 : = -5.5085708813209E+14
v=v_elettrone : = 3404180.6029819
x0= : -1.0113157701223E-12
y0= : -4.3734803107365E-12
*****
i=32564
k(32564)=0.99997854677321
kQ(32564)=0.99995709400665
r1= : 4.4893461712993E-12
rpunto1 : = 1963717.5432492
rduepunti0 : = -1.0843064290963E+25
fil : = 488.29055875589
fipunto1 : = 6.1891846915573E+17
fi_gradi : = 27976.988192797
t1 : = 1.0809261981019E-14
tpunto1 : = 1.0004037222701
tduepunti0 : = -5.5044418144552E+14
v=v_elettrone : = 3403329.5674048
x0= : -1.0110501854594E-12
y0= : -4.3737783973852E-12
```

```
*****
i=32565
k(32565)=0.99997857454716
kQ(32565)=0.99995714955337
r1= : 4.4895764735269E-12
rpunto1 : = 1962446.0029907
rduepunti0 : = -1.0842039780556E+25
fil : = 488.29063134184
fipunto1 : = 6.1885496846023E+17
fi_gradi : = 27976.992351666
t1 : = 1.0809262098345E-14
tpunto1 : = 1.0004036577631
tduepunti0 : = -5.5003142703102E+14
v=v_elettrone : = 3402478.9569944
x0= : -1.0107845618893E-12
y0= : -4.3740763156587E-12
*****
i=32566
k(32566)=0.99997860230051
kQ(32566)=0.99995720505887
r1= : 4.4898066266298E-12
rpunto1 : = 1961174.5827907
rduepunti0 : = -1.0841016077139E+25
fil : = 488.29070392034
fipunto1 : = 6.1879151864837E+17
fi_gradi : = 27976.996510107
t1 : = 1.0809262215671E-14
tpunto1 : = 1.0004035933046
tduepunti0 : = -5.496188247415E+14
v=v_elettrone : = 3401628.7718998
x0= : -1.0105188994282E-12
y0= : -4.3743740655715E-12
*****
i=32567
k(32567)=0.99997863003325
kQ(32567)=0.99995726052317
r1= : 4.4900366306223E-12
rpunto1 : = 1959903.2825548
rduepunti0 : = -1.0839993180344E+25
fil : = 488.2907764914
fipunto1 : = 6.1872811969531E+17
fi_gradi : = 27977.000668123
t1 : = 1.0809262332997E-14
tpunto1 : = 1.0004035288944
tduepunti0 : = -5.4920637442999E+14
v=v_elettrone : = 3400779.0123178
x0= : -1.0102531980923E-12
y0= : -4.374671647138E-12
*****
i=32568
k(32568)=0.99997865774539
kQ(32568)=0.99995731594628
r1= : 4.4902664855183E-12
rpunto1 : = 1958632.1021884
rduepunti0 : = -1.0838971089802E+25
fil : = 488.29084905502
fipunto1 : = 6.1866477157621E+17
fi_gradi : = 27977.004825712
t1 : = 1.0809262450323E-14
tpunto1 : = 1.0004034645325
tduepunti0 : = -5.4879407594966E+14
v=v_elettrone : = 3399929.6784126
x0= : -1.0099874578977E-12
y0= : -4.3749690603728E-12
```

```
*****
i=32569
k(32569)=0.99997868543695
kQ(32569)=0.99995737132821
r1= : 4.490496191332E-12
rpunto1 : = 1957361.0415968
rduepunti0 : = -1.0837949805146E+25
fil : = 488.29092161122
fipunto1 : = 6.1860147426626E+17
fi_gradi : = 27977.008982876
t1 : = 1.0809262567649E-14
tpunto1 : = 1.000403400219
tduepunti0 : = -5.4838192915376E+14
v=v_elettrone : = 3399080.7703597
x0= : -1.0097216788608E-12
y0= : -4.3752663052902E-12
*****
i=32570
k(32570)=0.99997871310792
kQ(32570)=0.99995742666898
r1= : 4.4907257480773E-12
rpunto1 : = 1956090.1006857
rduepunti0 : = -1.0836929326006E+25
fil : = 488.29099415999
fipunto1 : = 6.1853822774069E+17
fi_gradi : = 27977.013139615
t1 : = 1.0809262684975E-14
tpunto1 : = 1.0004033359538
tduepunti0 : = -5.4796993389571E+14
v=v_elettrone : = 3398232.2883452
x0= : -1.0094558609975E-12
y0= : -4.3755633819047E-12
*****
i=32571
k(32571)=0.99997874075832
kQ(32571)=0.9999574819686
r1= : 4.4909551557684E-12
rpunto1 : = 1954819.2793607
rduepunti0 : = -1.0835909652016E+25
fil : = 488.29106670135
fipunto1 : = 6.1847503197475E+17
fi_gradi : = 27977.017295928
t1 : = 1.0809262802301E-14
tpunto1 : = 1.0004032717369
tduepunti0 : = -5.47558090029E+14
v=v_elettrone : = 3397384.2307439
x0= : -1.0091900043241E-12
y0= : -4.3758602902306E-12
*****
i=32572
k(32572)=0.99997876838816
kQ(32572)=0.99995753722709
r1= : 4.4911844144192E-12
rpunto1 : = 1953548.5775273
rduepunti0 : = -1.0834890782809E+25
fil : = 488.29113923529
fipunto1 : = 6.184118869437E+17
fi_gradi : = 27977.021451817
t1 : = 1.0809262919627E-14
tpunto1 : = 1.0004032075683
tduepunti0 : = -5.4714639740728E+14
v=v_elettrone : = 3396536.5995306
x0= : -1.0089241088568E-12
y0= : -4.3761570302824E-12
```

```
*****
i=32573
k(32573)=0.99997879599743
kQ(32573)=0.99995759244446
r1= : 4.4914135240437E-12
rpunto1 : = 1952277.9950912
rduepunti0 : = -1.0833872718018E+25
fil : = 488.29121176183
fipunto1 : = 6.1834879262285E+17
fi_gradi : = 27977.025607282
t1 : = 1.0809263036953E-14
tpunto1 : = 1.0004031434479
tduepunti0 : = -5.467348558843E+14
v=v_elettrone : = 3395689.3948759
x0= : -1.0086581746119E-12
y0= : -4.3764536020744E-12
*****
i=32574
k(32574)=0.99997882358614
kQ(32574)=0.99995764762073
r1= : 4.491642484656E-12
rpunto1 : = 1951007.5319581
rduepunti0 : = -1.0832855457276E+25
fil : = 488.29128428097
fipunto1 : = 6.1828574898751E+17
fi_gradi : = 27977.029762322
t1 : = 1.0809263154279E-14
tpunto1 : = 1.0004030793758
tduepunti0 : = -5.4632346531393E+14
v=v_elettrone : = 3394842.6169542
x0= : -1.0083922016054E-12
y0= : -4.3767500056211E-12
*****
i=32575
k(32575)=0.99997885115432
kQ(32575)=0.99995770275591
r1= : 4.49187129627E-12
rpunto1 : = 1949737.1880338
rduepunti0 : = -1.0831839000218E+25
fil : = 488.29135679271
fipunto1 : = 6.1822275601306E+17
fi_gradi : = 27977.033916939
t1 : = 1.0809263271605E-14
tpunto1 : = 1.000403015352
tduepunti0 : = -5.4591222555016E+14
v=v_elettrone : = 3393996.2641618
x0= : -1.0081261898533E-12
y0= : -4.3770462409367E-12
*****
i=32576
k(32576)=0.99997887870195
kQ(32576)=0.99995775785001
r1= : 4.4920999588998E-12
rpunto1 : = 1948466.963224
rduepunti0 : = -1.0830823346478E+25
fil : = 488.29142929707
fipunto1 : = 6.1815981367485E+17
fi_gradi : = 27977.038071133
t1 : = 1.0809263388931E-14
tpunto1 : = 1.0004029513763
tduepunti0 : = -5.455011364471E+14
v=v_elettrone : = 3393150.3384552
x0= : -1.007860139372E-12
y0= : -4.3773423080357E-12
```



```
*****
i=32577
k(32577)=0.99997890622905
kQ(32577)=0.99995781290304
r1= : 4.4923284725592E-12
rpunto1 : = 1947196.8574346
rduepunti0 : = -1.0829808495691E+25
fil : = 488.29150179404
fipunto1 : = 6.1809692194829E+17
fi_gradi : = 27977.042224903
t1 : = 1.0809263506257E-14
tpunto1 : = 1.0004028874488
tduepunti0 : = -5.4509019785897E+14
v=v_elettrone : = 3392304.8382266
x0= : -1.0075940501774E-12
y0= : -4.3776382069324E-12
*****
i=32578
k(32578)=0.99997893373562
kQ(32578)=0.99995786791503
r1= : 4.4925568372623E-12
rpunto1 : = 1945926.8705714
rduepunti0 : = -1.0828794447492E+25
fil : = 488.29157428364
fipunto1 : = 6.1803408080881E+17
fi_gradi : = 27977.046378252
t1 : = 1.0809263623583E-14
tpunto1 : = 1.0004028235695
tduepunti0 : = -5.4467940964013E+14
v=v_elettrone : = 3391459.763656
x0= : -1.0073279222858E-12
y0= : -4.3779339376411E-12
*****
i=32579
k(32579)=0.99997896122168
kQ(32579)=0.99995792288599
r1= : 4.492785053023E-12
rpunto1 : = 1944657.0025404
rduepunti0 : = -1.0827781201516E+25
fil : = 488.29164676587
fipunto1 : = 6.1797129023186E+17
fi_gradi : = 27977.050531177
t1 : = 1.0809263740909E-14
tpunto1 : = 1.0004027597384
tduepunti0 : = -5.4426877164505E+14
v=v_elettrone : = 3390615.116697
x0= : -1.0070617557135E-12
y0= : -4.378229500176E-12
*****
i=32580
k(32580)=0.99997898868723
kQ(32580)=0.99995797781593
r1= : 4.4930131198553E-12
rpunto1 : = 1943387.2532476
rduepunti0 : = -1.0826768757401E+25
fil : = 488.29171924074
fipunto1 : = 6.1790855019292E+17
fi_gradi : = 27977.054683681
t1 : = 1.0809263858235E-14
tpunto1 : = 1.0004026959554
tduepunti0 : = -5.4385828372829E+14
v=v_elettrone : = 3389770.8957501
x0= : -1.0067955504763E-12
y0= : -4.3785248945516E-12
```

```
*****
i=32581
k(32581)=0.99997901613227
kQ(32581)=0.99995803270486
r1= : 4.4932410377729E-12
rpunto1: = 1942117.6225988
rduepunti0 : = -1.0825757114781E+25
fil : = 488.29179170825
fipunto1 : = 6.1784586066751E+17
fi_gradi : = 27977.058835764
t1 : = 1.0809263975561E-14
tpunto1 : = 1.0004026322206
tduepunti0 : = -5.4344794574458E+14
v=v_elettrone : = 3388927.1027676
x0= : -1.0065293065905E-12
y0= : -4.3788201207821E-12
*****
i=32582
k(32582)=0.99997904355681
kQ(32582)=0.9999580875528
r1= : 4.49346880679E-12
rpunto1: = 1940848.1105002
rduepunti0 : = -1.0824746273293E+25
fil : = 488.2918641684
fipunto1 : = 6.1778322163114E+17
fi_gradi : = 27977.062987425
t1 : = 1.0809264092887E-14
tpunto1 : = 1.0004025685338
tduepunti0 : = -5.4303775754872E+14
v=v_elettrone : = 3388083.7343624
x0= : -1.006263024072E-12
y0= : -4.3791151788817E-12
*****
i=32583
k(32583)=0.99997907096087
kQ(32583)=0.99995814235976
r1= : 4.4936964269204E-12
rpunto1: = 1939578.7168579
rduepunti0 : = -1.0823736232575E+25
fil : = 488.29193662121
fipunto1 : = 6.1772063305938E+17
fi_gradi : = 27977.067138665
t1 : = 1.0809264210213E-14
tpunto1 : = 1.0004025048951
tduepunti0 : = -5.4262771899566E+14
v=v_elettrone : = 3387240.7942863
x0= : -1.0059967029373E-12
y0= : -4.3794100688648E-12
*****
i=32584
k(32584)=0.99997909834444
kQ(32584)=0.99995819712576
r1= : 4.4939238981779E-12
rpunto1: = 1938309.441578
rduepunti0 : = -1.0822726992263E+25
fil : = 488.29200906668
fipunto1 : = 6.176580949278E+17
fi_gradi : = 27977.071289484
t1 : = 1.0809264327539E-14
tpunto1 : = 1.0004024413045
tduepunti0 : = -5.4221782994045E+14
v=v_elettrone : = 3386398.2809106
x0= : -1.0057303432021E-12
y0= : -4.3797047907456E-12
```

```
*****
i=32585
k(32585)=0.99997912570754
kQ(32585)=0.99995825185081
r1= : 4.4941512205765E-12
rpunto1 : = 1937040.2845666
rduepunti0 : = -1.0821718551997E+25
fil : = 488.29208150481
fipunto1 : = 6.1759560721202E+17
fi_gradi : = 27977.075439884
t1 : = 1.0809264444865E-14
tpunto1 : = 1.000402377762
tduepunti0 : = -5.4180809023827E+14
v=v_elettrone : = 3385556.1944392
x0= : -1.0054639448826E-12
y0= : -4.3799993445383E-12
*****
i=32586
k(32586)=0.99997915305017
kQ(32586)=0.99995830653493
r1= : 4.49437839413E-12
rpunto1 : = 1935771.24573
rduepunti0 : = -1.0820710911413E+25
fil : = 488.29215393562
fipunto1 : = 6.1753316988767E+17
fi_gradi : = 27977.079589863
t1 : = 1.080926456219E-14
tpunto1 : = 1.0004023142675
tduepunti0 : = -5.413984997444E+14
v=v_elettrone : = 3384714.535017
x0= : -1.005197507995E-12
y0= : -4.3802937302571E-12
*****
i=32587
k(32587)=0.99997918037233
kQ(32587)=0.99995836117812
r1= : 4.4946054188523E-12
rpunto1 : = 1934502.3249744
rduepunti0 : = -1.081970407015E+25
fil : = 488.2922263591
fipunto1 : = 6.1747078293041E+17
fi_gradi : = 27977.083739423
t1 : = 1.0809264679516E-14
tpunto1 : = 1.000402250821
tduepunti0 : = -5.4098905831425E+14
v=v_elettrone : = 3383873.3028467
x0= : -1.0049310325552E-12
y0= : -4.3805879479164E-12
*****
i=32588
k(32588)=0.99997920767405
kQ(32588)=0.99995841578041
r1= : 4.4948322947572E-12
rpunto1 : = 1933233.5222061
rduepunti0 : = -1.0818698027848E+25
fil : = 488.29229877527
fipunto1 : = 6.1740844631592E+17
fi_gradi : = 27977.087888564
t1 : = 1.0809264796842E-14
tpunto1 : = 1.0004021874225
tduepunti0 : = -5.4057976580335E+14
v=v_elettrone : = 3383032.4981071
x0= : -1.0046645185793E-12
y0= : -4.3808819975302E-12
```

```
*****
i=32589
k(32589)=0.99997923495531
kQ(32589)=0.99995847034181
r1= : 4.4950590218586E-12
rpunto1: = 1931964.8373316
rduepunti0 : = -1.0817692784145E+25
fil : = 488.29237118412
fipunto1 : = 6.1734616001991E+17
fi_gradi : = 27977.092037286
t1 : = 1.0809264914168E-14
tpunto1 : = 1.000402124072
tduepunti0 : = -5.4017062206735E+14
v=v_elettrone : = 3382192.1209538
x0= : -1.0043979660834E-12
y0= : -4.3811758791128E-12
*****
i=32590
k(32590)=0.99997926221613
kQ(32590)=0.99995852486232
r1= : 4.4952856001703E-12
rpunto1: = 1930696.270257
rduepunti0 : = -1.0816688338681E+25
fil : = 488.29244358568
fipunto1 : = 6.1728392401812E+17
fi_gradi : = 27977.096185589
t1 : = 1.0809265031494E-14
tpunto1 : = 1.0004020607695
tduepunti0 : = -5.3976162696199E+14
v=v_elettrone : = 3381352.1715756
x0= : -1.0041313750835E-12
y0= : -4.3814695926784E-12
*****
i=32591
k(32591)=0.99997928945652
kQ(32591)=0.99995857934198
r1= : 4.4955120297061E-12
rpunto1: = 1929427.820889
rduepunti0 : = -1.0815684691095E+25
fil : = 488.29251597993
fipunto1 : = 6.1722173828631E+17
fi_gradi : = 27977.100333474
t1 : = 1.080926514882E-14
tpunto1 : = 1.0004019975149
tduepunti0 : = -5.3935278034315E+14
v=v_elettrone : = 3380512.6483641
x0= : -1.0038647455956E-12
y0= : -4.3817631382411E-12
*****
i=32592
k(32592)=0.99997931667649
kQ(32592)=0.99995863378078
r1= : 4.4957383104798E-12
rpunto1: = 1928159.4891339
rduepunti0 : = -1.0814681841029E+25
fil : = 488.29258836689
fipunto1 : = 6.1715960280027E+17
fi_gradi : = 27977.104480941
t1 : = 1.0809265266146E-14
tpunto1 : = 1.0004019343082
tduepunti0 : = -5.3894408206684E+14
v=v_elettrone : = 3379673.5532831
x0= : -1.0035980776359E-12
y0= : -4.3820565158151E-12
```

```
*****
i=32593
k(32593)=0.99997934387603
kQ(32593)=0.99995868817874
r1= : 4.4959644425052E-12
rpunto1: = 1926891.2748982
rduepunti0 : = -1.0813679788124E+25
fil : = 488.29266074656
fipunto1 : = 6.170975175358E+17
fi_gradi : = 27977.108627991
t1 : = 1.0809265383471E-14
tpunto1 : = 1.0004018711495
tduepunti0 : = -5.3853553198915E+14
v=v_elettrone : = 3378834.886506
x0= : -1.0033313712204E-12
y0= : -4.3823497254145E-12
*****
i=32594
k(32594)=0.99997937105516
kQ(32594)=0.99995874253588
r1= : 4.4961904257961E-12
rpunto1: = 1925623.1780885
rduepunti0 : = -1.0812678532019E+25
fil : = 488.29273311895
fipunto1 : = 6.1703548246875E+17
fi_gradi : = 27977.112774624
t1 : = 1.0809265500797E-14
tpunto1 : = 1.0004018080386
tduepunti0 : = -5.3812712996631E+14
v=v_elettrone : = 3377996.6464223
x0= : -1.003064626365E-12
y0= : -4.3826427670535E-12
*****
i=32595
k(32595)=0.99997939821389
kQ(32595)=0.99995879685222
r1= : 4.4964162603663E-12
rpunto1: = 1924355.1986115
rduepunti0 : = -1.0811678072357E+25
fil : = 488.29280548406
fipunto1 : = 6.1697349757498E+17
fi_gradi : = 27977.116920839
t1 : = 1.0809265618123E-14
tpunto1 : = 1.0004017449756
tduepunti0 : = -5.3771887585466E+14
v=v_elettrone : = 3377158.8350021
x0= : -1.0027978430859E-12
y0= : -4.3829356407461E-12
*****
i=32596
k(32596)=0.99997942535222
kQ(32596)=0.99995885112775
r1= : 4.4966419462295E-12
rpunto1: = 1923087.3363737
rduepunti0 : = -1.0810678408779E+25
fil : = 488.29287784191
fipunto1 : = 6.1691156283037E+17
fi_gradi : = 27977.121066639
t1 : = 1.0809265735449E-14
tpunto1 : = 1.0004016819605
tduepunti0 : = -5.3731076951066E+14
v=v_elettrone : = 3376321.4524175
x0= : -1.002531021399E-12
y0= : -4.3832283465066E-12
```

```
*****
i=32597
k(32597)=0.99997945247015
kQ(32597)=0.99995890536251
r1= : 4.4968674833995E-12
rpunto1 : = 1921819.5912818
rduepunti0 : = -1.0809679540927E+25
fil : = 488.29295019249
fipunto1 : = 6.1684967821084E+17
fi_gradi : = 27977.125212022
t1 : = 1.0809265852775E-14
tpunto1 : = 1.0004016189933
tduepunti0 : = -5.3690281079087E+14
v=v_elettrone : = 3375484.4970697
x0= : -1.0022641613202E-12
y0= : -4.383520884349E-12
*****
i=32598
k(32598)=0.9999794795677
kQ(32598)=0.9999589595565
r1= : 4.4970928718899E-12
rpunto1 : = 1920551.9632425
rduepunti0 : = -1.0808681468445E+25
fil : = 488.29302253582
fipunto1 : = 6.1678784369232E+17
fi_gradi : = 27977.129356989
t1 : = 1.08092659701E-14
tpunto1 : = 1.0004015560739
tduepunti0 : = -5.36494999552E+14
v=v_elettrone : = 3374647.9691169
x0= : -1.0019972628656E-12
y0= : -4.3838132542873E-12
*****
i=32599
k(32599)=0.99997950664488
kQ(32599)=0.99995901370973
r1= : 4.4973181117147E-12
rpunto1 : = 1919284.4521627
rduepunti0 : = -1.0807684190974E+25
fil : = 488.29309487189
fipunto1 : = 6.1672605925079E+17
fi_gradi : = 27977.13350154
t1 : = 1.0809266087426E-14
tpunto1 : = 1.0004014932022
tduepunti0 : = -5.3608733565084E+14
v=v_elettrone : = 3373811.8705427
x0= : -1.0017303260513E-12
y0= : -4.3841054563357E-12
*****
i=32600
k(32600)=0.99997953370168
kQ(32600)=0.99995906782223
r1= : 4.4975432028874E-12
rpunto1 : = 1918017.057949
rduepunti0 : = -1.0806687708159E+25
fil : = 488.29316720071
fipunto1 : = 6.1666432486223E+17
fi_gradi : = 27977.137645677
t1 : = 1.0809266204752E-14
tpunto1 : = 1.0004014303784
tduepunti0 : = -5.3567981894432E+14
v=v_elettrone : = 3372976.1997198
x0= : -1.0014633508931E-12
y0= : -4.3843974905082E-12
```

```
*****
i=32601
k(32601)=0.99997956073812
kQ(32601)=0.999959121894
r1= : 4.4977681454217E-12
rpunto1 : = 1916749.7805084
rduepunti0 : = -1.0805692019643E+25
fil : = 488.2932395223
fipunto1 : = 6.1660264050265E+17
fi_gradi : = 27977.141789398
t1 : = 1.0809266322078E-14
tpunto1 : = 1.0004013676023
tduepunti0 : = -5.3527244928946E+14
v=v_elettrone : = 3372140.9568389
x0= : -1.001196337407E-12
y0= : -4.3846893568189E-12
*****
i=32602
k(32602)=0.9999795877542
kQ(32602)=0.99995917592506
r1= : 4.4979929393314E-12
rpunto1 : = 1915482.6197477
rduepunti0 : = -1.0804697125069E+25
fil : = 488.29331183665
fipunto1 : = 6.1654100614809E+17
fi_gradi : = 27977.145932706
t1 : = 1.0809266439404E-14
tpunto1 : = 1.0004013048741
tduepunti0 : = -5.3486522654341E+14
v=v_elettrone : = 3371306.1438689
x0= : -1.0009292856092E-12
y0= : -4.3849810552818E-12
*****
i=32603
k(32603)=0.99997961474993
kQ(32603)=0.99995922991542
r1= : 4.4982175846301E-12
rpunto1 : = 1914215.5755739
rduepunti0 : = -1.0803703024083E+25
fil : = 488.29338414378
fipunto1 : = 6.1647942177463E+17
fi_gradi : = 27977.150075599
t1 : = 1.0809266556729E-14
tpunto1 : = 1.0004012421935
tduepunti0 : = -5.3445815056345E+14
v=v_elettrone : = 3370471.7573925
x0= : -1.0006621955154E-12
y0= : -4.3852725859109E-12
*****
i=32604
k(32604)=0.99997964172532
kQ(32604)=0.99995928386509
r1= : 4.4984420813316E-12
rpunto1 : = 1912948.647894
rduepunti0 : = -1.0802709716328E+25
fil : = 488.29345644368
fipunto1 : = 6.1641788735834E+17
fi_gradi : = 27977.154218078
t1 : = 1.0809266674055E-14
tpunto1 : = 1.0004011795607
tduepunti0 : = -5.3405122120694E+14
v=v_elettrone : = 3369637.8011852
x0= : -1.0003950671419E-12
y0= : -4.3855639487202E-12
```

```
*****
i=32605
k(32605)=0.99997966868037
kQ(32605)=0.9999593377741
r1= : 4.4986664294494E-12
rpunto1 : = 1911681.8366148
rduepunti0 : = -1.0801717201451E+25
fil : = 488.29352873636
fipunto1 : = 6.1635640287534E+17
fi_gradi : = 27977.158360144
t1 : = 1.0809266791381E-14
tpunto1 : = 1.0004011169755
tduepunti0 : = -5.3364443833139E+14
v=v_elettrone : = 3368804.2736215
x0= : -1.0001279005043E-12
y0= : -4.3858551437237E-12
*****
i=32606
k(32606)=0.99997969561509
kQ(32606)=0.99995939164245
r1= : 4.4988906289973E-12
rpunto1 : = 1910415.1416436
rduepunti0 : = -1.0800725479096E+25
fil : = 488.29360102184
fipunto1 : = 6.1629496830178E+17
fi_gradi : = 27977.162501796
t1 : = 1.0809266908707E-14
tpunto1 : = 1.0004010544381
tduepunti0 : = -5.332378017944E+14
v=v_elettrone : = 3367971.1748971
x0= : -9.9986069561862E-13
y0= : -4.3861461709355E-12
*****
i=32607
k(32607)=0.99997972252949
kQ(32607)=0.99995944547016
r1= : 4.4991146799888E-12
rpunto1 : = 1909148.5628874
rduepunti0 : = -1.079973454891E+25
fil : = 488.2936733001
fipunto1 : = 6.1623358361381E+17
fi_gradi : = 27977.166643036
t1 : = 1.0809267026032E-14
tpunto1 : = 1.0004009919484
tduepunti0 : = -5.3283131145369E+14
v=v_elettrone : = 3367138.5051599
x0= : -9.9959345250086E-13
y0= : -4.3864370303695E-12
*****
i=32608
k(32608)=0.99997974942357
kQ(32608)=0.99995949925723
r1= : 4.4993385824377E-12
rpunto1 : = 1907882.1002533
rduepunti0 : = -1.0798744410538E+25
fil : = 488.29374557117
fipunto1 : = 6.1617224878764E+17
fi_gradi : = 27977.170783863
t1 : = 1.0809267143358E-14
tpunto1 : = 1.0004009295062
tduepunti0 : = -5.3242496716711E+14
v=v_elettrone : = 3366306.2646201
x0= : -9.9932617116691E-13
y0= : -4.3867277220397E-12
```



```
*****
i=32609
k(32609)=0.99997977629735
kQ(32609)=0.9999595530037
r1= : 4.4995623363574E-12
rpunto1: = 1906615.7536485
rduepunti0 : = -1.0797755063627E+25
fil : = 488.29381783505
fipunto1 : = 6.1611096379946E+17
fi_gradi : = 27977.174924278
t1 : = 1.0809267260684E-14
tpunto1 : = 1.0004008671118
tduepunti0 : = -5.3201876879259E+14
v=v_elettrone : = 3365474.4516394
x0= : -9.9905885163267E-13
y0= : -4.3870182459601E-12
*****
i=32610
k(32610)=0.99997980315082
kQ(32610)=0.99995960670956
r1= : 4.4997859417617E-12
rpunto1: = 1905349.5229803
rduepunti0 : = -1.0796766507823E+25
fil : = 488.29389009174
fipunto1 : = 6.1604972862553E+17
fi_gradi : = 27977.179064282
t1 : = 1.0809267378009E-14
tpunto1 : = 1.0004008047649
tduepunti0 : = -5.3161271618822E+14
v=v_elettrone : = 3364643.070001
x0= : -9.987914939143E-13
y0= : -4.3873086021444E-12
*****
i=32611
k(32611)=0.999979829984
kQ(32611)=0.99995966037483
r1= : 4.5000093986641E-12
rpunto1: = 1904083.4081558
rduepunti0 : = -1.0795778742775E+25
fil : = 488.29396234125
fipunto1 : = 6.1598854324211E+17
fi_gradi : = 27977.183203873
t1 : = 1.0809267495335E-14
tpunto1 : = 1.0004007424657
tduepunti0 : = -5.3120680921216E+14
v=v_elettrone : = 3363812.116282
x0= : -9.9852409802741E-13
y0= : -4.3875987906068E-12
*****
i=32612
k(32612)=0.99997985679689
kQ(32612)=0.99995971399953
r1= : 4.5002327070782E-12
rpunto1: = 1902817.4090825
rduepunti0 : = -1.079479176813E+25
fil : = 488.29403458358
fipunto1 : = 6.1592740762549E+17
fi_gradi : = 27977.187343054
t1 : = 1.0809267612661E-14
tpunto1 : = 1.000400680214
tduepunti0 : = -5.308010477227E+14
v=v_elettrone : = 3362981.5924618
x0= : -9.9825666398809E-13
y0= : -4.3878888113612E-12
```

```
*****
i=32613
k(32613)=0.9999798835895
kQ(32613)=0.99995976758367
r1= : 4.5004558670176E-12
rpunto1 : = 1901551.5256675
rduepunti0 : = -1.0793805583536E+25
fil : = 488.29410681874
fipunto1 : = 6.1586632175198E+17
fi_gradi : = 27977.191481824
t1 : = 1.0809267729986E-14
tpunto1 : = 1.00040061801
tduepunti0 : = -5.3039543157826E+14
v=v_elettrone : = 3362151.4987225
x0= : -9.9798919181219E-13
y0= : -4.3881786644213E-12
*****
i=32614
k(32614)=0.99997991036183
kQ(32614)=0.99995982112726
r1= : 4.5006788784958E-12
rpunto1 : = 1900285.7578185
rduepunti0 : = -1.079282018864E+25
fil : = 488.29417904674
fipunto1 : = 6.1580528559793E+17
fi_gradi : = 27977.195620183
t1 : = 1.0809267847312E-14
tpunto1 : = 1.0004005558534
tduepunti0 : = -5.2998996063736E+14
v=v_elettrone : = 3361321.8334424
x0= : -9.9772168151552E-13
y0= : -4.3884683498012E-12
*****
i=32615
k(32615)=0.9999799371139
kQ(32615)=0.99995987463032
r1= : 4.5009017415264E-12
rpunto1 : = 1899020.1054426
rduepunti0 : = -1.0791835583093E+25
fil : = 488.29425126758
fipunto1 : = 6.1574429913969E+17
fi_gradi : = 27977.199758133
t1 : = 1.0809267964638E-14
tpunto1 : = 1.0004004937444
tduepunti0 : = -5.2958463475862E+14
v=v_elettrone : = 3360492.5985896
x0= : -9.9745413311412E-13
y0= : -4.3887578675147E-12
*****
i=32616
k(32616)=0.99997996384571
kQ(32616)=0.99995992809286
r1= : 4.501124456123E-12
rpunto1 : = 1897754.5684475
rduepunti0 : = -1.0790851766542E+25
fil : = 488.29432348126
fipunto1 : = 6.1568336235366E+17
fi_gradi : = 27977.203895672
t1 : = 1.0809268081964E-14
tpunto1 : = 1.000400431683
tduepunti0 : = -5.2917945380079E+14
v=v_elettrone : = 3359663.7943642
x0= : -9.9718654662376E-13
y0= : -4.3890472175756E-12
```

```
*****
i=32617
k(32617)=0.99997999055726
kQ(32617)=0.9999599815149
r1= : 4.5013470222991E-12
rpunto1 : = 1896489.1467406
rduepunti0 : = -1.0789868738638E+25
fil : = 488.2943956878
fipunto1 : = 6.1562247521626E+17
fi_gradi : = 27977.208032802
t1 : = 1.0809268199289E-14
tpunto1 : = 1.000400369669
tduepunti0 : = -5.2877441762273E+14
v=v_elettrone : = 3358835.4191188
x0= : -9.9691892206022E-13
y0= : -4.389336399998E-12
*****
i=32618
k(32618)=0.99998001724856
kQ(32618)=0.99996003489644
r1= : 4.5015694400681E-12
rpunto1 : = 1895223.8402295
rduepunti0 : = -1.078888649903E+25
fil : = 488.2944678872
fipunto1 : = 6.1556163770392E+17
fi_gradi : = 27977.212169523
t1 : = 1.0809268316615E-14
tpunto1 : = 1.0004003077025
tduepunti0 : = -5.2836952608341E+14
v=v_elettrone : = 3358007.4730658
x0= : -9.9665125943947E-13
y0= : -4.3896254147955E-12
*****
i=32619
k(32619)=0.99998004391963
kQ(32619)=0.9999600882375
r1= : 4.5017917094437E-12
rpunto1 : = 1893958.6488218
rduepunti0 : = -1.0787905047368E+25
fil : = 488.29454007947
fipunto1 : = 6.155008497931E+17
fi_gradi : = 27977.216305835
t1 : = 1.080926843394E-14
tpunto1 : = 1.0004002457835
tduepunti0 : = -5.2796477904191E+14
v=v_elettrone : = 3357179.9581457
x0= : -9.9638355877749E-13
y0= : -4.389914261982E-12
*****
i=32620
k(32620)=0.99998007057046
kQ(32620)=0.9999601415381
r1= : 4.5020138304392E-12
rpunto1 : = 1892693.572425
rduepunti0 : = -1.0786924383303E+25
fil : = 488.2946122646
fipunto1 : = 6.154401114603E+17
fi_gradi : = 27977.220441739
t1 : = 1.0809268551266E-14
tpunto1 : = 1.0004001839119
tduepunti0 : = -5.2756017635744E+14
v=v_elettrone : = 3356352.8727726
x0= : -9.9611582008997E-13
y0= : -4.3902029415714E-12
```

```
*****
i=32621
k(32621)=0.99998009720107
kQ(32621)=0.99996019479825
r1= : 4.5022358030683E-12
rpunto1: = 1891428.610947
rduepunti0 : = -1.0785944506485E+25
fil : = 488.29468444261
fipunto1 : = 6.1537942268203E+17
fi_gradi : = 27977.224577234
t1 : = 1.0809268668592E-14
tpunto1 : = 1.0004001220878
tduepunti0 : = -5.2715571788929E+14
v=v_elettrone : = 3355526.2171029
x0= : -9.9584804339286E-13
y0= : -4.3904914535775E-12
*****
i=32622
k(32622)=0.99998012381145
kQ(32622)=0.99996024801796
r1= : 4.5024576273443E-12
rpunto1: = 1890163.7642953
rduepunti0 : = -1.0784965416566E+25
fil : = 488.29475661351
fipunto1 : = 6.1531878343483E+17
fi_gradi : = 27977.228712322
t1 : = 1.0809268785917E-14
tpunto1 : = 1.0004000603111
tduepunti0 : = -5.267514034969E+14
v=v_elettrone : = 3354699.9931292
x0= : -9.9558022870207E-13
y0= : -4.3907797980139E-12
*****
i=32623
k(32623)=0.99998015040162
kQ(32623)=0.99996030119725
r1= : 4.5026793032808E-12
rpunto1: = 1888899.0323777
rduepunti0 : = -1.0783987113197E+25
fil : = 488.29482877729
fipunto1 : = 6.1525819369525E+17
fi_gradi : = 27977.232847002
t1 : = 1.0809268903243E-14
tpunto1 : = 1.0003999985817
tduepunti0 : = -5.2634723303979E+14
v=v_elettrone : = 3353874.1992261
x0= : -9.9531237603324E-13
y0= : -4.3910679748947E-12
*****
i=32624
k(32624)=0.99998017697159
kQ(32624)=0.99996035433613
r1= : 4.5029008308911E-12
rpunto1: = 1887634.4151021
rduepunti0 : = -1.0783009596031E+25
fil : = 488.29490093397
fipunto1 : = 6.151976534399E+17
fi_gradi : = 27977.236981275
t1 : = 1.0809269020569E-14
tpunto1 : = 1.0003999368998
tduepunti0 : = -5.259432063776E+14
v=v_elettrone : = 3353048.8337628
x0= : -9.9504448540225E-13
y0= : -4.3913559842335E-12
```

```
*****
i=32625
k(32625)=0.99998020352135
kQ(32625)=0.99996040743461
r1= : 4.5031222101888E-12
rpunto1: = 1886369.9123763
rduepunti0 : = -1.078203286472E+25
fil : = 488.29497308355
fipunto1 : = 6.1513716264538E+17
fi_gradi : = 27977.241115141
t1 : = 1.0809269137894E-14
tpunto1 : = 1.0003998752653
tduepunti0 : = -5.255393233701E+14
v=v_elettrone : = 3352223.9005401
x0= : -9.9477655682521E-13
y0= : -4.3916438260441E-12
*****
i=32626
k(32626)=0.99998023005093
kQ(32626)=0.9999604604927
r1= : 4.5033434411873E-12
rpunto1: = 1885105.5241081
rduepunti0 : = -1.0781056918915E+25
fil : = 488.29504522603
fipunto1 : = 6.1507672128832E+17
fi_gradi : = 27977.245248601
t1 : = 1.080926925522E-14
tpunto1 : = 1.000399813678
tduepunti0 : = -5.2513558387716E+14
v=v_elettrone : = 3351399.3997268
x0= : -9.9450859031771E-13
y0= : -4.3919315003401E-12
*****
i=32627
k(32627)=0.99998025656031
kQ(32627)=0.99996051351043
r1= : 4.5035645238999E-12
rpunto1: = 1883841.2502055
rduepunti0 : = -1.0780081758271E+25
fil : = 488.29511736142
fipunto1 : = 6.150163293454E+17
fi_gradi : = 27977.249381655
t1 : = 1.0809269372545E-14
tpunto1 : = 1.0003997521382
tduepunti0 : = -5.2473198775875E+14
v=v_elettrone : = 3350575.3278949
x0= : -9.9424058589533E-13
y0= : -4.3922190071356E-12
*****
i=32628
k(32628)=0.99998028304952
kQ(32628)=0.9999605664878
r1= : 4.5037854583402E-12
rpunto1: = 1882577.0905764
rduepunti0 : = -1.077910738244E+25
fil : = 488.29518948973
fipunto1 : = 6.1495598679329E+17
fi_gradi : = 27977.253514303
t1 : = 1.0809269489871E-14
tpunto1 : = 1.0003996906456
tduepunti0 : = -5.2432853487496E+14
v=v_elettrone : = 3349751.6870374
x0= : -9.9397254357412E-13
y0= : -4.392506346444E-12
```

```
*****
i=32629
k(32629)=0.99998030951855
kQ(32629)=0.99996061942482
r1= : 4.5040062445215E-12
rpunto1: = 1881313.0451288
rduepunti0 : = -1.0778133791077E+25
fil : = 488.29526161097
fipunto1 : = 6.148956936087E+17
fi_gradi : = 27977.257646545
t1 : = 1.0809269607196E-14
tpunto1 : = 1.0003996292003
tduepunti0 : = -5.23925225086E+14
v=v_elettrone : = 3348928.4773277
x0= : -9.9370446336985E-13
y0= : -4.3927935182792E-12
*****
i=32630
k(32630)=0.99998033596742
kQ(32630)=0.99996067232152
r1= : 4.5042268824572E-12
rpunto1: = 1880049.1137708
rduepunti0 : = -1.0777160983835E+25
fil : = 488.29533372513
fipunto1 : = 6.1483544976839E+17
fi_gradi : = 27977.261778382
t1 : = 1.0809269724522E-14
tpunto1 : = 1.0003995678023
tduepunti0 : = -5.2352205825218E+14
v=v_elettrone : = 3348105.697135
x0= : -9.9343634529831E-13
y0= : -4.3930805226548E-12
*****
i=32631
k(32631)=0.99998036239613
kQ(32631)=0.9999607251779
r1= : 4.5044473721606E-12
rpunto1: = 1878785.2964104
rduepunti0 : = -1.0776188960369E+25
fil : = 488.29540583223
fipunto1 : = 6.1477525524909E+17
fi_gradi : = 27977.265909815
t1 : = 1.0809269841848E-14
tpunto1 : = 1.0003995064516
tduepunti0 : = -5.2311903423392E+14
v=v_elettrone : = 3347283.3502642
x0= : -9.9316818937549E-13
y0= : -4.3933673595845E-12
*****
i=32632
k(32632)=0.99998038880469
kQ(32632)=0.99996077799398
r1= : 4.5046677136452E-12
rpunto1: = 1877521.5929558
rduepunti0 : = -1.0775217720333E+25
fil : = 488.29547793227
fipunto1 : = 6.147151100276E+17
fi_gradi : = 27977.270040842
t1 : = 1.0809269959173E-14
tpunto1 : = 1.0003994451482
tduepunti0 : = -5.2271615289177E+14
v=v_elettrone : = 3346461.4332753
x0= : -9.9289999561686E-13
y0= : -4.393654029082E-12
```

```
*****
i=32633
k(32633)=0.9999804151931
kQ(32633)=0.99996083076977
r1= : 4.5048879069244E-12
rpunto1 : = 1876258.0033152
rduepunti0 : = -1.0774247263383E+25
fil : = 488.29555002525
fipunto1 : = 6.1465501408072E+17
fi_gradi : = 27977.274171466
t1 : = 1.0809270076499E-14
tpunto1 : = 1.0003993838919
tduepunti0 : = -5.2231341408636E+14
v=v_elettrone : = 3345639.9481506
x0= : -9.926317640384E-13
y0= : -4.393940531161E-12
*****
i=32634
k(32634)=0.99998044156138
kQ(32634)=0.99996088350529
r1= : 4.5051079520113E-12
rpunto1 : = 1874994.5273966
rduepunti0 : = -1.0773277589174E+25
fil : = 488.29562211119
fipunto1 : = 6.145949673853E+17
fi_gradi : = 27977.278301686
t1 : = 1.0809270193824E-14
tpunto1 : = 1.0003993226829
tduepunti0 : = -5.2191081767845E+14
v=v_elettrone : = 3344818.8950838
x0= : -9.9236349465579E-13
y0= : -4.3942268658352E-12
*****
i=32635
k(32635)=0.99998046790952
kQ(32635)=0.99996093620054
r1= : 4.5053278489195E-12
rpunto1 : = 1873731.1651084
rduepunti0 : = -1.0772308697362E+25
fil : = 488.29569419008
fipunto1 : = 6.1453496991818E+17
fi_gradi : = 27977.282431503
t1 : = 1.080927031115E-14
tpunto1 : = 1.0003992615211
tduepunti0 : = -5.2150836352892E+14
v=v_elettrone : = 3343998.2724331
x0= : -9.9209518748471E-13
y0= : -4.3945130331182E-12
*****
i=32636
k(32636)=0.99998049423754
kQ(32636)=0.99996098885555
r1= : 4.5055475976622E-12
rpunto1 : = 1872467.9163589
rduepunti0 : = -1.0771340587603E+25
fil : = 488.29576626194
fipunto1 : = 6.1447502165625E+17
fi_gradi : = 27977.286560916
t1 : = 1.0809270428475E-14
tpunto1 : = 1.0003992004064
tduepunti0 : = -5.2110605149873E+14
v=v_elettrone : = 3343178.0821978
x0= : -9.9182684254106E-13
y0= : -4.3947990330236E-12
```

```
*****
i=32637
k(32637)=0.99998052054543
kQ(32637)=0.99996104147031
r1= : 4.5057671982527E-12
rpunto1: = 1871204.7810563
rduepunti0 : = -1.0770373259554E+25
fil : = 488.29583832677
fipunto1 : = 6.1441512257641E+17
fi_gradi : = 27977.290689926
t1 : = 1.0809270545801E-14
tpunto1 : = 1.000399139339
tduepunti0 : = -5.2070388144898E+14
v=v_elettrone : = 3342358.3245549
x0= : -9.9155845984049E-13
y0= : -4.395084865565E-12
*****
i=32638
k(32638)=0.99998054683322
kQ(32638)=0.99996109404486
r1= : 4.5059866507044E-12
rpunto1: = 1869941.759109
rduepunti0 : = -1.0769406712872E+25
fil : = 488.29591038457
fipunto1 : = 6.143552726556E+17
fi_gradi : = 27977.294818534
t1 : = 1.0809270663126E-14
tpunto1 : = 1.0003990783187
tduepunti0 : = -5.2030185324086E+14
v=v_elettrone : = 3341538.9978769
x0= : -9.9129003939862E-13
y0= : -4.3953705307561E-12
*****
i=32639
k(32639)=0.9999805731009
kQ(32639)=0.9999611465792
r1= : 4.5062059550305E-12
rpunto1: = 1868678.8504255
rduepunti0 : = -1.0768440947213E+25
fil : = 488.29598243536
fipunto1 : = 6.1429547187078E+17
fi_gradi : = 27977.29894674
t1 : = 1.0809270780452E-14
tpunto1 : = 1.0003990173455
tduepunti0 : = -5.1989996673567E+14
v=v_elettrone : = 3340720.1023495
x0= : -9.9102158123129E-13
y0= : -4.3956560286106E-12
*****
i=32640
k(32640)=0.99998059934848
kQ(32640)=0.99996119907334
r1= : 4.5064251112444E-12
rpunto1: = 1867416.0549142
rduepunti0 : = -1.0767475962236E+25
fil : = 488.29605447913
fipunto1 : = 6.1423572019891E+17
fi_gradi : = 27977.303074544
t1 : = 1.0809270897777E-14
tpunto1 : = 1.0003989564194
tduepunti0 : = -5.1949822179485E+14
v=v_elettrone : = 3339901.639945
x0= : -9.9075308535434E-13
y0= : -4.3959413591418E-12
```



```
*****
i=32641
k(32641)=0.99998062557597
kQ(32641)=0.9999612515273
r1= : 4.5066441193592E-12
rpunto1: = 1866153.3724835
rduepunti0 : = -1.0766511757598E+25
fil : = 488.29612651589
fipunto1 : = 6.1417601761701E+17
fi_gradi : = 27977.307201947
t1 : = 1.0809271015103E-14
tpunto1 : = 1.0003988955404
tduepunti0 : = -5.190966182799E+14
v=v_elettrone : = 3339083.6090518
x0= : -9.9048455178334E-13
y0= : -4.3962265223635E-12
*****
i=32642
k(32642)=0.99998065178337
kQ(32642)=0.9999613039411
r1= : 4.5068629793883E-12
rpunto1: = 1864890.803042
rduepunti0 : = -1.0765548332958E+25
fil : = 488.29619854565
fipunto1 : = 6.1411636410211E+17
fi_gradi : = 27977.311328948
t1 : = 1.0809271132428E-14
tpunto1 : = 1.0003988347085
tduepunti0 : = -5.1869515605248E+14
v=v_elettrone : = 3338266.0098502
x0= : -9.9021598053408E-13
y0= : -4.3965115182892E-12
*****
i=32643
k(32643)=0.9999806779707
kQ(32643)=0.99996135631473
r1= : 4.5070816913449E-12
rpunto1: = 1863628.3464983
rduepunti0 : = -1.0764585687975E+25
fil : = 488.29627056842
fipunto1 : = 6.1405675963125E+17
fi_gradi : = 27977.315455548
t1 : = 1.0809271249754E-14
tpunto1 : = 1.0003987739237
tduepunti0 : = -5.1829383497432E+14
v=v_elettrone : = 3337448.8443217
x0= : -9.8994737162235E-13
y0= : -4.3967963469325E-12
*****
i=32644
k(32644)=0.99998070413795
kQ(32644)=0.99996140864823
r1= : 4.5073002552422E-12
rpunto1: = 1862366.0027609
rduepunti0 : = -1.0763623822306E+25
fil : = 488.29634258419
fipunto1 : = 6.1399720418151E+17
fi_gradi : = 27977.319581748
t1 : = 1.0809271367079E-14
tpunto1 : = 1.0003987131859
tduepunti0 : = -5.1789265490728E+14
v=v_elettrone : = 3336632.1090361
x0= : -9.8967872506365E-13
y0= : -4.3970810083068E-12
```

```
*****
i=32645
k(32645)=0.99998073028514
kQ(32645)=0.9999614609416
r1= : 4.5075186710935E-12
rpunto1: = 1861103.7717385
rduepunti0 : = -1.0762662735613E+25
fil : = 488.29641459298
fipunto1 : = 6.1393769772999E+17
fi_gradi : = 27977.323707548
t1 : = 1.0809271484405E-14
tpunto1 : = 1.0003986524952
tduepunti0 : = -5.1749161571331E+14
v=v_elettrone : = 3335815.8077824
x0= : -9.8941004087397E-13
y0= : -4.3973655024258E-12
*****
i=32646
k(32646)=0.99998075641227
kQ(32646)=0.99996151319485
r1= : 4.507736938912E-12
rpunto1: = 1859841.6533398
rduepunti0 : = -1.0761702427553E+25
fil : = 488.29648659479
fipunto1 : = 6.1387824025382E+17
fi_gradi : = 27977.327832948
t1 : = 1.080927160173E-14
tpunto1 : = 1.0003985918515
tduepunti0 : = -5.1709071725451E+14
v=v_elettrone : = 3334999.9389519
x0= : -9.891413190688E-13
y0= : -4.3976498293029E-12
*****
i=32647
k(32647)=0.99998078251934
kQ(32647)=0.999961565408
r1= : 4.5079550587109E-12
rpunto1: = 1858579.6474734
rduepunti0 : = -1.0760742897789E+25
fil : = 488.29655858963
fipunto1 : = 6.1381883173015E+17
fi_gradi : = 27977.331957948
t1 : = 1.0809271719055E-14
tpunto1 : = 1.0003985312547
tduepunti0 : = -5.1668995939303E+14
v=v_elettrone : = 3334184.5027107
x0= : -9.8887255966383E-13
y0= : -4.3979339889516E-12
*****
i=32648
k(32648)=0.99998080860637
kQ(32648)=0.99996161758106
r1= : 4.5081730305034E-12
rpunto1: = 1857317.7540483
rduepunti0 : = -1.0759784145979E+25
fil : = 488.2966305775
fipunto1 : = 6.1375947213615E+17
fi_gradi : = 27977.336082549
t1 : = 1.0809271836381E-14
tpunto1 : = 1.000398470705
tduepunti0 : = -5.1628934199119E+14
v=v_elettrone : = 3333369.4992392
x0= : -9.8860376267476E-13
y0= : -4.3982179813855E-12
```

```
*****
i=32649
k(32649)=0.99998083467337
kQ(32649)=0.99996166971404
r1= : 4.5083908543027E-12
rpunto1 : = 1856055.9729731
rduepunti0 : = -1.0758826171785E+25
fil : = 488.29670255841
fipunto1 : = 6.1370016144902E+17
fi_gradi : = 27977.340206752
t1 : = 1.0809271953706E-14
tpunto1 : = 1.0003984102022
tduepunti0 : = -5.1588886491136E+14
v=v_elettrone : = 3332554.9287206
x0= : -9.8833492811726E-13
y0= : -4.398501806618E-12
*****
i=32650
k(32650)=0.99998086072033
kQ(32650)=0.99996172180696
r1= : 4.508608530122E-12
rpunto1 : = 1854794.3041567
rduepunti0 : = -1.0757868974867E+25
fil : = 488.29677453236
fipunto1 : = 6.1364089964598E+17
fi_gradi : = 27977.344330555
t1 : = 1.0809272071032E-14
tpunto1 : = 1.0003983497464
tduepunti0 : = -5.1548852801606E+14
v=v_elettrone : = 3331740.7913494
x0= : -9.8806605600697E-13
y0= : -4.3987854646626E-12
*****
i=32651
k(32651)=0.99998088674726
kQ(32651)=0.99996177385984
r1= : 4.5088260579744E-12
rpunto1 : = 1853532.7475079
rduepunti0 : = -1.0756912554888E+25
fil : = 488.29684649936
fipunto1 : = 6.1358168670427E+17
fi_gradi : = 27977.348453961
t1 : = 1.0809272188357E-14
tpunto1 : = 1.0003982893375
tduepunti0 : = -5.1508833116791E+14
v=v_elettrone : = 3330927.0872929
x0= : -9.8779714635954E-13
y0= : -4.3990689555328E-12
*****
i=32652
k(32652)=0.99998091275418
kQ(32652)=0.99996182587268
r1= : 4.5090434378731E-12
rpunto1 : = 1852271.3029358
rduepunti0 : = -1.0755956911509E+25
fil : = 488.29691845942
fipunto1 : = 6.1352252260117E+17
fi_gradi : = 27977.352576969
t1 : = 1.0809272305683E-14
tpunto1 : = 1.0003982289756
tduepunti0 : = -5.1468827422962E+14
v=v_elettrone : = 3330113.814921
x0= : -9.8752819919058E-13
y0= : -4.399352279242E-12
```

```
*****
i=32653
k(32653)=0.99998093874108
kQ(32653)=0.99996187784549
r1= : 4.5092606698312E-12
rpunto1: = 1851009.9703493
rduepunti0 : = -1.0755002044392E+25
fil : = 488.29699041254
fipunto1 : = 6.1346340731396E+17
fi_gradi : = 27977.356699579
t1 : = 1.0809272423008E-14
tpunto1 : = 1.0003981686605
tduepunti0 : = -5.1428835706403E+14
v=v_elettrone : = 3329300.9780426
x0= : -9.8725921451594E-13
y0= : -4.3996354358037E-12
*****
i=32654
k(32654)=0.99998096470798
kQ(32654)=0.99996192977829
r1= : 4.5094777538618E-12
rpunto1: = 1849748.7496573
rduepunti0 : = -1.0754047953199E+25
fil : = 488.29706235873
fipunto1 : = 6.1340434081997E+17
fi_gradi : = 27977.360821792
t1 : = 1.0809272540333E-14
tpunto1 : = 1.0003981083923
tduepunti0 : = -5.1388857953407E+14
v=v_elettrone : = 3328488.5732187
x0= : -9.8699019235094E-13
y0= : -4.3999184252312E-12
*****
i=32655
k(32655)=0.99998099065487
kQ(32655)=0.9999619816711
r1= : 4.5096946899782E-12
rpunto1: = 1848487.6407689
rduepunti0 : = -1.0753094637594E+25
fil : = 488.29713429799
fipunto1 : = 6.1334532309654E+17
fi_gradi : = 27977.364943608
t1 : = 1.0809272657659E-14
tpunto1 : = 1.000398048171
tduepunti0 : = -5.1348894150279E+14
v=v_elettrone : = 3327676.6006259
x0= : -9.867211327114E-13
y0= : -4.4002012475381E-12
*****
i=32656
k(32656)=0.99998101658178
kQ(32656)=0.99996203352393
r1= : 4.5099114781933E-12
rpunto1: = 1847226.6435932
rduepunti0 : = -1.075214209724E+25
fil : = 488.29720623033
fipunto1 : = 6.1328635412103E+17
fi_gradi : = 27977.369065027
t1 : = 1.0809272774984E-14
tpunto1 : = 1.0003979879965
tduepunti0 : = -5.1308944283335E+14
v=v_elettrone : = 3326865.0640671
x0= : -9.8645203561312E-13
y0= : -4.4004839027375E-12
```

```
*****
i=32657
k(32657)=0.9999810424887
kQ(32657)=0.99996208533678
r1= : 4.5101281185204E-12
rpunto1 : = 1845965.7580394
rduepunti0 : = -1.07511903318E+25
fil : = 488.29727815575
fipunto1 : = 6.1322743387083E+17
fi_gradi : = 27977.37318605
t1 : = 1.0809272892309E-14
tpunto1 : = 1.0003979278689
tduepunti0 : = -5.1269008338901E+14
v=v_elettrone : = 3326053.9601156
x0= : -9.8618290107137E-13
y0= : -4.4007663908431E-12
*****
i=32658
k(32658)=0.99998106837564
kQ(32658)=0.99996213710968
r1= : 4.5103446109724E-12
rpunto1 : = 1844704.9840165
rduepunti0 : = -1.0750239340938E+25
fil : = 488.29735007426
fipunto1 : = 6.1316856232336E+17
fi_gradi : = 27977.377306677
t1 : = 1.0809273009635E-14
tpunto1 : = 1.0003978677881
tduepunti0 : = -5.1229086303312E+14
v=v_elettrone : = 3325243.2889371
x0= : -9.8591372910191E-13
y0= : -4.4010487118682E-12
*****
i=32659
k(32659)=0.9999810942426
kQ(32659)=0.99996218884264
r1= : 4.5105609555625E-12
rpunto1 : = 1843444.3214337
rduepunti0 : = -1.0749289124318E+25
fil : = 488.29742198587
fipunto1 : = 6.1310973945605E+17
fi_gradi : = 27977.381426909
t1 : = 1.080927312696E-14
tpunto1 : = 1.0003978077541
tduepunti0 : = -5.1189178162918E+14
v=v_elettrone : = 3324433.0525223
x0= : -9.8564451972048E-13
y0= : -4.401330865826E-12
*****
i=32660
k(32660)=0.9999811200896
kQ(32660)=0.99996224053566
r1= : 4.5107771523038E-12
rpunto1 : = 1842183.7702004
rduepunti0 : = -1.0748339681606E+25
fil : = 488.29749389058
fipunto1 : = 6.1305096524637E+17
fi_gradi : = 27977.385546745
t1 : = 1.0809273244286E-14
tpunto1 : = 1.0003977477669
tduepunti0 : = -5.1149283904076E+14
v=v_elettrone : = 3323623.2492582
x0= : -9.8537527294255E-13
y0= : -4.4016128527301E-12
```

```
*****
i=32661
k(32661)=0.99998114591664
kQ(32661)=0.99996229218876
r1= : 4.5109932012092E-12
rpunto1: = 1840923.3302257
rduepunti0 : = -1.0747391012465E+25
fil : = 488.29756578839
fipunto1 : = 6.1299223967179E+17
fi_gradi : = 27977.389666187
t1 : = 1.0809273361611E-14
tpunto1 : = 1.0003976878265
tduepunti0 : = -5.1109403513155E+14
v=v_elettrone : = 3322813.8811287
x0= : -9.8510598878383E-13
y0= : -4.4018946725936E-12
*****
i=32662
k(32662)=0.99998117172373
kQ(32662)=0.99996234380197
r1= : 4.5112091022919E-12
rpunto1: = 1839663.001419
rduepunti0 : = -1.0746443116561E+25
fil : = 488.29763767932
fipunto1 : = 6.1293356270984E+17
fi_gradi : = 27977.393785233
t1 : = 1.0809273478936E-14
tpunto1 : = 1.0003976279328
tduepunti0 : = -5.1069536976534E+14
v=v_elettrone : = 3322004.9465101
x0= : -9.8483666725975E-13
y0= : -4.40217632543E-12
*****
i=32663
k(32663)=0.99998119751087
kQ(32663)=0.99996239537527
r1= : 4.5114248555649E-12
rpunto1: = 1838402.7836897
rduepunti0 : = -1.074549599356E+25
fil : = 488.29770956337
fipunto1 : = 6.1287493433803E+17
fi_gradi : = 27977.397903886
t1 : = 1.0809273596262E-14
tpunto1 : = 1.0003975680858
tduepunti0 : = -5.1029684280605E+14
v=v_elettrone : = 3321196.4455676
x0= : -9.8456730838599E-13
y0= : -4.4024578112526E-12
*****
i=32664
k(32664)=0.99998122327807
kQ(32664)=0.9999624469087
r1= : 4.5116404610412E-12
rpunto1: = 1837142.6769471
rduepunti0 : = -1.0744549643127E+25
fil : = 488.29778144054
fipunto1 : = 6.1281635453393E+17
fi_gradi : = 27977.402022145
t1 : = 1.0809273713587E-14
tpunto1 : = 1.0003975082856
tduepunti0 : = -5.0989845411767E+14
v=v_elettrone : = 3320388.3803192
x0= : -9.8429791217819E-13
y0= : -4.4027391300746E-12
```

```
*****
i=32665
k(32665)=0.99998124902534
kQ(32665)=0.99996249840227
r1= : 4.5118559187338E-12
rpunto1 : = 1835882.6811007
rduepunti0 : = -1.074360406493E+25
fil : = 488.29785331084
fipunto1 : = 6.1275782327512E+17
fi_gradi : = 27977.40614001
t1 : = 1.0809273830912E-14
tpunto1 : = 1.0003974485321
tduepunti0 : = -5.0950020356432E+14
v=v_elettrone : = 3319580.7491308
x0= : -9.8402847865174E-13
y0= : -4.4030202819095E-12
*****
i=32666
k(32666)=0.99998127475267
kQ(32666)=0.99996254985598
r1= : 4.5120712286557E-12
rpunto1 : = 1834622.79606
rduepunti0 : = -1.0742659258634E+25
fil : = 488.29792517428
fipunto1 : = 6.126993405392E+17
fi_gradi : = 27977.410257481
t1 : = 1.0809273948237E-14
tpunto1 : = 1.0003973888253
tduepunti0 : = -5.0910209101023E+14
v=v_elettrone : = 3318773.552162
x0= : -9.8375900782225E-13
y0= : -4.4033012667704E-12
*****
i=32667
k(32667)=0.99998130046009
kQ(32667)=0.99996260126986
r1= : 4.51228639082E-12
rpunto1 : = 1833363.0217344
rduepunti0 : = -1.0741715223907E+25
fil : = 488.29799703086
fipunto1 : = 6.126409063038E+17
fi_gradi : = 27977.41437456
t1 : = 1.0809274065563E-14
tpunto1 : = 1.0003973291651
tduepunti0 : = -5.0870411631971E+14
v=v_elettrone : = 3317966.7896112
x0= : -9.8348949970533E-13
y0= : -4.4035820846706E-12
*****
i=32668
k(32668)=0.99998132614759
kQ(32668)=0.9999626526439
r1= : 4.5125014052396E-12
rpunto1 : = 1832103.3580335
rduepunti0 : = -1.0740771960415E+25
fil : = 488.29806888058
fipunto1 : = 6.1258252054657E+17
fi_gradi : = 27977.418491246
t1 : = 1.0809274182888E-14
tpunto1 : = 1.0003972695516
tduepunti0 : = -5.0830627935722E+14
v=v_elettrone : = 3317160.461663
x0= : -9.8321995431655E-13
y0= : -4.4038627356235E-12
```

```
*****
i=32669
k(32669)=0.99998135181519
kQ(32669)=0.99996270397814
r1= : 4.5127162719275E-12
rpunto1 : = 1830843.8048669
rduepunti0 : = -1.0739829467827E+25
fil : = 488.29814072346
fipunto1 : = 6.1252418324518E+17
fi_gradi : = 27977.422607539
t1 : = 1.0809274300213E-14
tpunto1 : = 1.0003972099848
tduepunti0 : = -5.0790857998727E+14
v=v_elettrone : = 3316354.5685017
x0= : -9.8295037167147E-13
y0= : -4.4041432196422E-12
*****
i=32670
k(32670)=0.99998137746288
kQ(32670)=0.99996275527257
r1= : 4.5129309908966E-12
rpunto1 : = 1829584.3621442
rduepunti0 : = -1.0738887745811E+25
fil : = 488.2982125595
fipunto1 : = 6.1246589437734E+17
fi_gradi : = 27977.426723441
t1 : = 1.0809274417539E-14
tpunto1 : = 1.0003971504645
tduepunti0 : = -5.0751101807453E+14
v=v_elettrone : = 3315549.1102937
x0= : -9.8268075178564E-13
y0= : -4.40442353674E-12
*****
i=32671
k(32671)=0.99998140309068
kQ(32671)=0.99996280652721
r1= : 4.5131455621599E-12
rpunto1 : = 1828325.0297751
rduepunti0 : = -1.0737946794035E+25
fil : = 488.2982843887
fipunto1 : = 6.1240765392076E+17
fi_gradi : = 27977.430838951
t1 : = 1.0809274534864E-14
tpunto1 : = 1.0003970909909
tduepunti0 : = -5.0711359348373E+14
v=v_elettrone : = 3314744.0872433
x0= : -9.8241109467459E-13
y0= : -4.4047036869301E-12
*****
i=32672
k(32672)=0.9999814286986
kQ(32672)=0.99996285774208
r1= : 4.5133599857304E-12
rpunto1 : = 1827065.8076694
rduepunti0 : = -1.0737006612168E+25
fil : = 488.29835621107
fipunto1 : = 6.123494618532E+17
fi_gradi : = 27977.43495407
t1 : = 1.0809274652189E-14
tpunto1 : = 1.0003970315639
tduepunti0 : = -5.0671630607974E+14
v=v_elettrone : = 3313939.4995214
x0= : -9.8214140035382E-13
y0= : -4.4049836702257E-12
```



```
*****
i=32673
k(32673)=0.99998145428662
kQ(32673)=0.99996290891719
r1= : 4.513574261621E-12
rpunto1: = 1825806.6957366
rduepunti0 : = -1.0736067199878E+25
fil : = 488.29842802661
fipunto1 : = 6.1229131815241E+17
fi_gradi : = 27977.439068797
t1 : = 1.0809274769514E-14
tpunto1 : = 1.0003969721834
tduepunti0 : = -5.0631915572751E+14
v=v_elettrone : = 3313135.3473128
x0= : -9.8187166883884E-13
y0= : -4.4052634866401E-12
*****
i=32674
k(32674)=0.99998147985478
kQ(32674)=0.99996296005255
r1= : 4.5137883898445E-12
rpunto1: = 1824547.6938868
rduepunti0 : = -1.0735128556836E+25
fil : = 488.29849983534
fipunto1 : = 6.122332227962E+17
fi_gradi : = 27977.443183134
t1 : = 1.080927488684E-14
tpunto1 : = 1.0003969128495
tduepunti0 : = -5.0592214229212E+14
v=v_elettrone : = 3312331.6308
x0= : -9.816019001451E-13
y0= : -4.4055431361864E-12
*****
i=32675
k(32675)=0.99998150540306
kQ(32675)=0.99996301114818
r1= : 4.514002370414E-12
rpunto1: = 1823288.8020295
rduepunti0 : = -1.073419068271E+25
fil : = 488.29857163725
fipunto1 : = 6.1217517576238E+17
fi_gradi : = 27977.447297081
t1 : = 1.0809275004165E-14
tpunto1 : = 1.0003968535622
tduepunti0 : = -5.0552526563872E+14
v=v_elettrone : = 3311528.3483466
x0= : -9.8133209428807E-13
y0= : -4.4058226188778E-12
*****
i=32676
k(32676)=0.99998153093149
kQ(32676)=0.99996306220408
r1= : 4.5142162033423E-12
rpunto1: = 1822030.0200748
rduepunti0 : = -1.0733253577171E+25
fil : = 488.29864343235
fipunto1 : = 6.121171770288E+17
fi_gradi : = 27977.451410637
t1 : = 1.080927512149E-14
tpunto1 : = 1.0003967943214
tduepunti0 : = -5.051285256326E+14
v=v_elettrone : = 3310725.5019588
x0= : -9.8106225128344E-13
y0= : -4.4061019347275E-12
```

```
*****
i=32677
k(32677)=0.99998155644005
kQ(32677)=0.99996311322027
r1= : 4.5144298886422E-12
rpunto1: = 1820771.3479325
rduepunti0 : = -1.073231723989E+25
fil : = 488.29871522066
fipunto1 : = 6.1205922657331E+17
fi_gradi : = 27977.455523804
t1 : = 1.0809275238815E-14
tpunto1 : = 1.0003967351271
tduepunti0 : = -5.0473192213915E+14
v=v_elettrone : = 3309923.091815
x0= : -9.8079237114663E-13
y0= : -4.4063810837487E-12
*****
i=32678
k(32678)=0.99998158192877
kQ(32678)=0.99996316419676
r1= : 4.5146434263268E-12
rpunto1: = 1819512.7855125
rduepunti0 : = -1.0731381670537E+25
fil : = 488.29878700216
fipunto1 : = 6.1200132437379E+17
fi_gradi : = 27977.459636581
t1 : = 1.0809275356141E-14
tpunto1 : = 1.0003966759793
tduepunti0 : = -5.0433545502383E+14
v=v_elettrone : = 3309121.1162841
x0= : -9.8052245389304E-13
y0= : -4.4066600659545E-12
*****
i=32679
k(32679)=0.99998160739764
kQ(32679)=0.99996321513357
r1= : 4.5148568164088E-12
rpunto1: = 1818254.3327249
rduepunti0 : = -1.0730446868782E+25
fil : = 488.29885877688
fipunto1 : = 6.1194347040818E+17
fi_gradi : = 27977.46374897
t1 : = 1.0809275473466E-14
tpunto1 : = 1.000396616878
tduepunti0 : = -5.0393912415224E+14
v=v_elettrone : = 3308319.5773634
x0= : -9.8025249953831E-13
y0= : -4.4069388813579E-12
*****
i=32680
k(32680)=0.99998163284668
kQ(32680)=0.99996326603071
r1= : 4.515070058901E-12
rpunto1: = 1816995.9894796
rduepunti0 : = -1.0729512834299E+25
fil : = 488.29893054481
fipunto1 : = 6.1188566465438E+17
fi_gradi : = 27977.467860969
t1 : = 1.0809275590791E-14
tpunto1 : = 1.0003965578231
tduepunti0 : = -5.0354292939009E+14
v=v_elettrone : = 3307518.4734189
x0= : -9.799825080978E-13
y0= : -4.4072175299723E-12
```

```
*****
i=32681
k(32681)=0.99998165827589
kQ(32681)=0.99996331688819
r1= : 4.5152831538165E-12
rpunto1 : = 1815737.7556867
rduepunti0 : = -1.0728579566758E+25
fil : = 488.29900230596
fipunto1 : = 6.1182790709038E+17
fi_gradi : = 27977.47197258
t1 : = 1.0809275708116E-14
tpunto1 : = 1.0003964988147
tduepunti0 : = -5.0314687060315E+14
v=v_elettrone : = 3306717.8064566
x0= : -9.7971247958713E-13
y0= : -4.4074960118105E-12
*****
i=32682
k(32682)=0.99998168368527
kQ(32682)=0.99996336770603
r1= : 4.5154961011679E-12
rpunto1 : = 1814479.6312563
rduepunti0 : = -1.0727647065831E+25
fil : = 488.29907406034
fipunto1 : = 6.1177019769413E+17
fi_gradi : = 27977.476083803
t1 : = 1.0809275825441E-14
tpunto1 : = 1.0003964398527
tduepunti0 : = -5.0275094765735E+14
v=v_elettrone : = 3305917.5748275
x0= : -9.7944241402161E-13
y0= : -4.4077743268859E-12
*****
i=32683
k(32683)=0.99998170907483
kQ(32683)=0.99996341848423
r1= : 4.5157089009681E-12
rpunto1 : = 1813221.6160985
rduepunti0 : = -1.0726715331192E+25
fil : = 488.29914580795
fipunto1 : = 6.1171253644365E+17
fi_gradi : = 27977.480194639
t1 : = 1.0809275942767E-14
tpunto1 : = 1.0003963809372
tduepunti0 : = -5.0235516041867E+14
v=v_elettrone : = 3305117.7805584
x0= : -9.7917231141682E-13
y0= : -4.4080524752114E-12
*****
i=32684
k(32684)=0.99998173444459
kQ(32684)=0.99996346922281
r1= : 4.51592155323E-12
rpunto1 : = 1811963.7101235
rduepunti0 : = -1.0725784362512E+25
fil : = 488.29921754879
fipunto1 : = 6.1165492331697E+17
fi_gradi : = 27977.484305086
t1 : = 1.0809276060092E-14
tpunto1 : = 1.000396322068
tduepunti0 : = -5.0195950875324E+14
v=v_elettrone : = 3304318.4219937
x0= : -9.7890217178806E-13
y0= : -4.4083304568001E-12
```

```
*****
i=32685
k(32685)=0.99998175979454
kQ(32685)=0.99996351992178
r1= : 4.5161340579663E-12
rpunto1 : = 1810705.9132415
rduepunti0 : = -1.0724854159465E+25
fil : = 488.29928928288
fipunto1 : = 6.1159735829214E+17
fi_gradi : = 27977.488415147
t1 : = 1.0809276177417E-14
tpunto1 : = 1.0003962632452
tduepunti0 : = -5.0156399252726E+14
v=v_elettrone : = 3303519.4993146
x0= : -9.7863199515086E-13
y0= : -4.4086082716651E-12
*****
i=32686
k(32686)=0.99998178512469
kQ(32686)=0.99996357058116
r1= : 4.5163464151898E-12
rpunto1 : = 1809448.2253628
rduepunti0 : = -1.0723924721725E+25
fil : = 488.29936101022
fipunto1 : = 6.1153984134723E+17
fi_gradi : = 27977.492524821
t1 : = 1.0809276294742E-14
tpunto1 : = 1.0003962044688
tduepunti0 : = -5.0116861160706E+14
v=v_elettrone : = 3302721.0145538
x0= : -9.7836178152073E-13
y0= : -4.4088859198195E-12
*****
i=32687
k(32687)=0.99998181043505
kQ(32687)=0.99996362120096
r1= : 4.5165586249133E-12
rpunto1 : = 1808190.6463975
rduepunti0 : = -1.0722996048964E+25
fil : = 488.29943273082
fipunto1 : = 6.1148237246033E+17
fi_gradi : = 27977.496634108
t1 : = 1.0809276412067E-14
tpunto1 : = 1.0003961457388
tduepunti0 : = -5.0077336585905E+14
v=v_elettrone : = 3301922.9642033
x0= : -9.7809153091292E-13
y0= : -4.4091634012763E-12
*****
i=32688
k(32688)=0.99998183572562
kQ(32688)=0.99996367178118
r1= : 4.5167706871496E-12
rpunto1 : = 1806933.1762562
rduepunti0 : = -1.0722068140858E+25
fil : = 488.29950444467
fipunto1 : = 6.1142495160958E+17
fi_gradi : = 27977.500743009
t1 : = 1.0809276529392E-14
tpunto1 : = 1.0003960870551
tduepunti0 : = -5.0037825514975E+14
v=v_elettrone : = 3301125.3521429
x0= : -9.7782124334315E-13
y0= : -4.4094407160484E-12
```

```
*****
i=32689
k(32689)=0.99998186099642
kQ(32689)=0.99996372232186
r1= : 4.5169826019115E-12
rpunto1: = 1805675.814849
rduepunti0 : = -1.0721140997081E+25
fil : = 488.29957615179
fipunto1 : = 6.1136757877311E+17
fi_gradi : = 27977.504851525
t1 : = 1.0809276646718E-14
tpunto1 : = 1.0003960284177
tduepunti0 : = -4.999832793458E+14
v=v_elettrone : = 3300328.176706
x0= : -9.7755091882665E-13
y0= : -4.409717864149E-12
*****
i=32690
k(32690)=0.99998188624744
kQ(32690)=0.99996377282298
r1= : 4.5171943692116E-12
rpunto1: = 1804418.5620864
rduepunti0 : = -1.0720214617307E+25
fil : = 488.29964785218
fipunto1 : = 6.1131025392908E+17
fi_gradi : = 27977.508959654
t1 : = 1.0809276764043E-14
tpunto1 : = 1.0003959698266
tduepunti0 : = -4.9958843831392E+14
v=v_elettrone : = 3299531.4380749
x0= : -9.7728055737884E-13
y0= : -4.4099948455911E-12
*****
i=32691
k(32691)=0.99998191147869
kQ(32691)=0.99996382328458
r1= : 4.5174059890628E-12
rpunto1: = 1803161.4178789
rduepunti0 : = -1.0719289001213E+25
fil : = 488.29971954585
fipunto1 : = 6.112529770557E+17
fi_gradi : = 27977.513067399
t1 : = 1.0809276881368E-14
tpunto1 : = 1.0003959112818
tduepunti0 : = -4.9919373192095E+14
v=v_elettrone : = 3298735.1364444
x0= : -9.7701015901517E-13
y0= : -4.4102716603876E-12
*****
i=32692
k(32692)=0.99998193669019
kQ(32692)=0.99996387370666
r1= : 4.5176174614777E-12
rpunto1: = 1801904.3821369
rduepunti0 : = -1.0718364148472E+25
fil : = 488.2997912328
fipunto1 : = 6.1119574813117E+17
fi_gradi : = 27977.517174759
t1 : = 1.0809276998693E-14
tpunto1 : = 1.0003958527833
tduepunti0 : = -4.9879916003382E+14
v=v_elettrone : = 3297939.2719937
x0= : -9.7673972375104E-13
y0= : -4.4105483085516E-12
```

```
*****
i=32693
k(32693)=0.99998196188193
kQ(32693)=0.99996392408923
r1= : 4.5178287864692E-12
rpunto1 : = 1800647.454771
rduepunti0 : = -1.0717440058761E+25
fil : = 488.29986291304
fipunto1 : = 6.1113856713374E+17
fi_gradi : = 27977.521281734
t1 : = 1.0809277116018E-14
tpunto1 : = 1.0003957943311
tduepunti0 : = -4.9840472251956E+14
v=v_elettrone : = 3297143.8449132
x0= : -9.7646925160183E-13
y0= : -4.4108247900959E-12
*****
i=32694
k(32694)=0.99998198705392
kQ(32694)=0.99996397443231
r1= : 4.5180399640498E-12
rpunto1 : = 1799390.6356916
rduepunti0 : = -1.0716516731757E+25
fil : = 488.29993458657
fipunto1 : = 6.1108143404165E+17
fi_gradi : = 27977.525388325
t1 : = 1.0809277233343E-14
tpunto1 : = 1.0003957359251
tduepunti0 : = -4.9801041924533E+14
v=v_elettrone : = 3296348.8553726
x0= : -9.7619874258294E-13
y0= : -4.4111011050337E-12
*****
i=32695
k(32695)=0.99998201220617
kQ(32695)=0.99996402473591
r1= : 4.5182509942324E-12
rpunto1 : = 1798133.9248094
rduepunti0 : = -1.0715594167136E+25
fil : = 488.3000062534
fipunto1 : = 6.1102434883319E+17
fi_gradi : = 27977.529494532
t1 : = 1.0809277350668E-14
tpunto1 : = 1.0003956775653
tduepunti0 : = -4.9761625007836E+14
v=v_elettrone : = 3295554.3035798
x0= : -9.759281967097E-13
y0= : -4.4113772533777E-12
*****
i=32696
k(32696)=0.99998203733869
kQ(32696)=0.99996407500004
r1= : 4.5184618770295E-12
rpunto1 : = 1796877.322035
rduepunti0 : = -1.0714672364574E+25
fil : = 488.30007791354
fipunto1 : = 6.1096731148668E+17
fi_gradi : = 27977.533600355
t1 : = 1.0809277467993E-14
tpunto1 : = 1.0003956192517
tduepunti0 : = -4.97222214886E+14
v=v_elettrone : = 3294760.1878557
x0= : -9.7565761399748E-13
y0= : -4.4116532351411E-12
```

```
*****
i=32697
k(32697)=0.99998206245148
kQ(32697)=0.99996412522472
r1= : 4.5186726124539E-12
rpunto1: = 1795620.8272791
rduepunti0 : = -1.0713751323748E+25
fil : = 488.30014956699
fipunto1 : = 6.1091032198043E+17
fi_gradi : = 27977.537705795
t1 : = 1.0809277585319E-14
tpunto1 : = 1.0003955609843
tduepunti0 : = -4.9682831353569E+14
v=v_elettrone : = 3293966.5102536
x0= : -9.7538699446183E-13
y0= : -4.4119290503366E-12
*****
i=32698
k(32698)=0.99998208754455
kQ(32698)=0.99996417540995
r1= : 4.5188832005183E-12
rpunto1: = 1794364.4404523
rduepunti0 : = -1.0712831044337E+25
fil : = 488.30022121375
fipunto1 : = 6.108533802928E+17
fi_gradi : = 27977.541810852
t1 : = 1.0809277702644E-14
tpunto1 : = 1.0003955027631
tduepunti0 : = -4.9643454589499E+14
v=v_elettrone : = 3293173.2709292
x0= : -9.7511633811806E-13
y0= : -4.4122046989772E-12
*****
i=32699
k(32699)=0.9999821126179
kQ(32699)=0.99996422555576
r1= : 4.5190936412352E-12
rpunto1: = 1793108.1614655
rduepunti0 : = -1.0711911526019E+25
fil : = 488.30029285384
fipunto1 : = 6.1079648640217E+17
fi_gradi : = 27977.545915527
t1 : = 1.0809277819969E-14
tpunto1 : = 1.0003954445881
tduepunti0 : = -4.9604091183154E+14
v=v_elettrone : = 3292380.4700828
x0= : -9.7484564498147E-13
y0= : -4.4124801810758E-12
*****
i=32700
k(32700)=0.99998213767154
kQ(32700)=0.99996427566215
r1= : 4.5193039346174E-12
rpunto1: = 1791851.9902293
rduepunti0 : = -1.071099276847E+25
fil : = 488.30036448725
fipunto1 : = 6.1073964028694E+17
fi_gradi : = 27977.550019819
t1 : = 1.0809277937294E-14
tpunto1 : = 1.0003953864592
tduepunti0 : = -4.956474112131E+14
v=v_elettrone : = 3291588.1060627
x0= : -9.7457491506732E-13
y0= : -4.4127554966454E-12
```

```
*****
i=32701
k(32701)=0.99998216270548
kQ(32701)=0.99996432572913
r1= : 4.5195140806774E-12
rpunto1: = 1790595.9266546
rduepunti0 : = -1.071007477137E+25
fil : = 488.300436114
fipunto1 : = 6.1068284192551E+17
fi_gradi : = 27977.55412373
t1 : = 1.0809278054619E-14
tpunto1 : = 1.0003953283765
tduepunti0 : = -4.9525404390752E+14
v=v_elettrone : = 3290796.1808855
x0= : -9.7430414839112E-13
y0= : -4.4130306456987E-12
*****
i=32702
k(32702)=0.99998218771972
kQ(32702)=0.99996437575672
r1= : 4.519724079428E-12
rpunto1: = 1789339.9706523
rduepunti0 : = -1.0709157534398E+25
fil : = 488.30050773408
fipunto1 : = 6.1062609129635E+17
fi_gradi : = 27977.558227258
t1 : = 1.0809278171944E-14
tpunto1 : = 1.0003952703398
tduepunti0 : = -4.9486080978277E+14
v=v_elettrone : = 3290004.6929073
x0= : -9.7403334496811E-13
y0= : -4.4133056282487E-12
*****
i=32703
k(32703)=0.99998221271427
kQ(32703)=0.99996442574494
r1= : 4.5199339308817E-12
rpunto1: = 1788084.1221333
rduepunti0 : = -1.0708241057233E+25
fil : = 488.30057934751
fipunto1 : = 6.1056938837791E+17
fi_gradi : = 27977.562330406
t1 : = 1.0809278289269E-14
tpunto1 : = 1.0003952123493
tduepunti0 : = -4.9446770870689E+14
v=v_elettrone : = 3289213.644134
x0= : -9.7376250481375E-13
y0= : -4.4135804443082E-12
*****
i=32704
k(32704)=0.99998223768914
kQ(32704)=0.99996447569378
r1= : 4.5201436350511E-12
rpunto1: = 1786828.3810084
rduepunti0 : = -1.0707325339553E+25
fil : = 488.30065095429
fipunto1 : = 6.1051273314869E+17
fi_gradi : = 27977.566433172
t1 : = 1.0809278406594E-14
tpunto1 : = 1.0003951544049
tduepunti0 : = -4.9407474054804E+14
v=v_elettrone : = 3288423.0329396
x0= : -9.7349162794325E-13
y0= : -4.4138550938901E-12
```



```
*****
i=32705
k(32705)=0.99998226264433
kQ(32705)=0.99996452560327
r1= : 4.5203531919488E-12
rpunto1: = 1785572.7471886
rduepunti0 : = -1.0706410381041E+25
fil : = 488.30072255443
fipunto1 : = 6.104561255872E+17
fi_gradi : = 27977.570535557
t1 : = 1.0809278523919E-14
tpunto1 : = 1.0003950965065
tduepunti0 : = -4.9368190517448E+14
v=v_elettrone : = 3287632.8594805
x0= : -9.7322071437204E-13
y0= : -4.4141295770072E-12
*****
i=32706
k(32706)=0.99998228757985
kQ(32706)=0.99996457547342
r1= : 4.5205626015875E-12
rpunto1: = 1784317.220585
rduepunti0 : = -1.0705496181374E+25
fil : = 488.30079414793
fipunto1 : = 6.1039956567198E+17
fi_gradi : = 27977.574637563
t1 : = 1.0809278641244E-14
tpunto1 : = 1.0003950386542
tduepunti0 : = -4.9328920245458E+14
v=v_elettrone : = 3286843.1257972
x0= : -9.7294976411555E-13
y0= : -4.4144038936723E-12
*****
i=32707
k(32707)=0.9999823124957
kQ(32707)=0.99996462530424
r1= : 4.5207718639796E-12
rpunto1: = 1783061.8011085
rduepunti0 : = -1.0704582740234E+25
fil : = 488.30086573479
fipunto1 : = 6.1034305338157E+17
fi_gradi : = 27977.578739188
t1 : = 1.0809278758569E-14
tpunto1 : = 1.0003949808479
tduepunti0 : = -4.928966322568E+14
v=v_elettrone : = 3286053.8320831
x0= : -9.7267877718893E-13
y0= : -4.4146780438983E-12
*****
i=32708
k(32708)=0.99998233739189
kQ(32708)=0.99996467509575
r1= : 4.5209809791378E-12
rpunto1: = 1781806.4886704
rduepunti0 : = -1.0703670057302E+25
fil : = 488.30093731503
fipunto1 : = 6.1028658869458E+17
fi_gradi : = 27977.582840433
t1 : = 1.0809278875894E-14
tpunto1 : = 1.0003949230877
tduepunti0 : = -4.9250419444969E+14
v=v_elettrone : = 3285264.9748241
x0= : -9.724077536073E-13
y0= : -4.4149520276979E-12
```

```
*****
i=32709
k(32709)=0.99998236226843
kQ(32709)=0.99996472484795
r1= : 4.5211899470745E-12
rpunto1 : = 1780551.2831816
rduepunti0 : = -1.0702758132258E+25
fil : = 488.30100888864
fipunto1 : = 6.1023017158959E+17
fi_gradi : = 27977.586941299
t1 : = 1.0809278993219E-14
tpunto1 : = 1.0003948653734
tduepunti0 : = -4.9211188890192E+14
v=v_elettrone : = 3284476.5578993
x0= : -9.721366933863E-13
y0= : -4.415225845084E-12
*****
i=32710
k(32710)=0.99998238712532
kQ(32710)=0.99996477456085
r1= : 4.5213987678024E-12
rpunto1 : = 1779296.1845533
rduepunti0 : = -1.0701846964785E+25
fil : = 488.30108045564
fipunto1 : = 6.1017380204524E+17
fi_gradi : = 27977.591041786
t1 : = 1.0809279110544E-14
tpunto1 : = 1.0003948077052
tduepunti0 : = -4.9171971548226E+14
v=v_elettrone : = 3283688.5796498
x0= : -9.7186559654101E-13
y0= : -4.4154994960692E-12
*****
i=32711
k(32711)=0.99998241196257
kQ(32711)=0.99996482423448
r1= : 4.521607441334E-12
rpunto1 : = 1778041.1926968
rduepunti0 : = -1.0700936554565E+25
fil : = 488.30115201602
fipunto1 : = 6.1011748004018E+17
fi_gradi : = 27977.595141894
t1 : = 1.0809279227869E-14
tpunto1 : = 1.0003947500829
tduepunti0 : = -4.9132767405956E+14
v=v_elettrone : = 3282901.0402672
x0= : -9.7159446308677E-13
y0= : -4.4157729806665E-12
*****
i=32712
k(32712)=0.99998243678019
kQ(32712)=0.99996487386884
r1= : 4.5218159676818E-12
rpunto1 : = 1776786.3075232
rduepunti0 : = -1.0700026901278E+25
fil : = 488.3012235698
fipunto1 : = 6.1006120555307E+17
fi_gradi : = 27977.599241624
t1 : = 1.0809279345194E-14
tpunto1 : = 1.0003946925066
tduepunti0 : = -4.9093576450279E+14
v=v_elettrone : = 3282113.9399302
x0= : -9.713232930389E-13
y0= : -4.4160462988885E-12
```

```
*****
i=32713
k(32713)=0.99998246157818
kQ(32713)=0.99996492346395
r1= : 4.5220243468582E-12
rpunto1: = 1775531.5289438
rduerpunti0 : = -1.0699118004608E+25
fil : = 488.30129511698
fipunto1 : = 6.1000497856262E+17
fi_gradi : = 27977.603340975
t1 : = 1.0809279462519E-14
tpunto1 : = 1.0003946349763
tduepunti0 : = -4.9054398668102E+14
v=v_elettrone : = 3281327.2788236
x0= : -9.7105208641269E-13
y0= : -4.416319450748E-12
*****
i=32714
k(32714)=0.99998248635654
kQ(32714)=0.99996497301982
r1= : 4.5222325788759E-12
rpunto1: = 1774276.8568699
rduerpunti0 : = -1.0698209864238E+25
fil : = 488.30136665757
fipunto1 : = 6.0994879904755E+17
fi_gradi : = 27977.607439949
t1 : = 1.0809279579844E-14
tpunto1 : = 1.0003945774918
tduepunti0 : = -4.901523404634E+14
v=v_elettrone : = 3280541.0571396
x0= : -9.7078084322344E-13
y0= : -4.4165924362577E-12
*****
i=32715
k(32715)=0.9999825111153
kQ(32715)=0.99996502253645
r1= : 4.5224406637473E-12
rpunto1: = 1773022.2912129
rduerpunti0 : = -1.0697302479851E+25
fil : = 488.30143819157
fipunto1 : = 6.0989266698659E+17
fi_gradi : = 27977.611538545
t1 : = 1.0809279697169E-14
tpunto1 : = 1.0003945200533
tduepunti0 : = -4.897608257192E+14
v=v_elettrone : = 3279755.2750649
x0= : -9.7050956348641E-13
y0= : -4.4168652554304E-12
*****
i=32716
k(32716)=0.99998253585444
kQ(32716)=0.99996507201387
r1= : 4.5226486014849E-12
rpunto1: = 1771767.8318841
rduerpunti0 : = -1.069639585113E+25
fil : = 488.30150971898
fipunto1 : = 6.098365823585E+17
fi_gradi : = 27977.615636764
t1 : = 1.0809279814494E-14
tpunto1 : = 1.0003944626607
tduepunti0 : = -4.8936944231779E+14
v=v_elettrone : = 3278969.93278
x0= : -9.7023824721684E-13
y0= : -4.4171379082787E-12
```

```
*****
i=32717
k(32717)=0.99998256057398
kQ(32717)=0.99996512145208
r1= : 4.5228563921011E-12
rpunto1: = 1770513.478795
rduepunti0 : = -1.0695489977759E+25
fil : = 488.30158123982
fipunto1 : = 6.0978054514208E+17
fi_gradi : = 27977.619734606
t1 : = 1.0809279931819E-14
tpunto1 : = 1.000394405314
tduepunti0 : = -4.8897819012862E+14
v=v_elettrone : = 3278185.0304731
x0= : -9.6996689442997E-13
y0= : -4.4174103948154E-12
*****
i=32718
k(32718)=0.99998258527392
kQ(32718)=0.99996517085111
r1= : 4.5230640356084E-12
rpunto1: = 1769259.231857
rduepunti0 : = -1.0694584859422E+25
fil : = 488.30165275409
fipunto1 : = 6.0972455531614E+17
fi_gradi : = 27977.623832072
t1 : = 1.0809280049144E-14
tpunto1 : = 1.0003943480131
tduepunti0 : = -4.8858706902126E+14
v=v_elettrone : = 3277400.5664821
x0= : -9.6969550514101E-13
y0= : -4.4176827150531E-12
*****
i=32719
k(32719)=0.99998260995427
kQ(32719)=0.99996522021095
r1= : 4.5232715320193E-12
rpunto1: = 1768005.0909815
rduepunti0 : = -1.0693680495804E+25
fil : = 488.30172426179
fipunto1 : = 6.0966861285949E+17
fi_gradi : = 27977.627929161
t1 : = 1.0809280166469E-14
tpunto1 : = 1.0003942907581
tduepunti0 : = -4.8819607886537E+14
v=v_elettrone : = 3276616.5446946
x0= : -9.6942407936541E-13
y0= : -4.4179548690045E-12
*****
i=32720
k(32720)=0.99998263461503
kQ(32720)=0.99996526953162
r1= : 4.5234788813461E-12
rpunto1: = 1766751.0560802
rduepunti0 : = -1.0692776886589E+25
fil : = 488.30179576293
fipunto1 : = 6.0961271775101E+17
fi_gradi : = 27977.632025875
t1 : = 1.0809280283794E-14
tpunto1 : = 1.000394233549
tduepunti0 : = -4.8780521953071E+14
v=v_elettrone : = 3275832.9615983
x0= : -9.691526171181E-13
y0= : -4.4182268566823E-12
```

```
*****
i=32721
k(32721)=0.99998265925622
kQ(32721)=0.99996531881314
r1= : 4.5236860836014E-12
rpunto1 : = 1765497.1270645
rduepunti0 : = -1.0691874031463E+25
fil : = 488.30186725751
fipunto1 : = 6.0955686996956E+17
fi_gradi : = 27977.636122213
t1 : = 1.0809280401119E-14
tpunto1 : = 1.0003941763856
tduepunti0 : = -4.8741449088714E+14
v=v_elettrone : = 3275049.8192192
x0= : -9.688811184145E-13
y0= : -4.4184986780992E-12
*****
i=32722
k(32722)=0.99998268387783
kQ(32722)=0.99996536805552
r1= : 4.5238931387976E-12
rpunto1 : = 1764243.3038461
rduepunti0 : = -1.0690971930112E+25
fil : = 488.30193874554
fipunto1 : = 6.0950106949405E+17
fi_gradi : = 27977.640218175
t1 : = 1.0809280518444E-14
tpunto1 : = 1.0003941192681
tduepunti0 : = -4.8702389280462E+14
v=v_elettrone : = 3274267.115915
x0= : -9.6860958326975E-13
y0= : -4.4187703332678E-12
*****
i=32723
k(32723)=0.99998270847988
kQ(32723)=0.99996541725876
r1= : 4.524100046947E-12
rpunto1 : = 1762989.5863366
rduepunti0 : = -1.069007058222E+25
fil : = 488.30201022703
fipunto1 : = 6.0944531630339E+17
fi_gradi : = 27977.644313763
t1 : = 1.0809280635768E-14
tpunto1 : = 1.0003940621964
tduepunti0 : = -4.866334251532E+14
v=v_elettrone : = 3273484.8537068
x0= : -9.6833801169924E-13
y0= : -4.4190418222006E-12
*****
i=32724
k(32724)=0.99998273306237
kQ(32724)=0.99996546642289
r1= : 4.524306808062E-12
rpunto1 : = 1761735.9744476
rduepunti0 : = -1.0689169987474E+25
fil : = 488.30208170198
fipunto1 : = 6.0938961037653E+17
fi_gradi : = 27977.648408976
t1 : = 1.0809280753093E-14
tpunto1 : = 1.0003940051704
tduepunti0 : = -4.8624308780304E+14
v=v_elettrone : = 3272703.0327807
x0= : -9.6806640371807E-13
y0= : -4.4193131449104E-12
```

```
*****
i=32725
k(32725)=0.99998275762531
kQ(32725)=0.99996551554791
r1= : 4.5245134221551E-12
rpunto1: = 1760482.468091
rduepunti0 : = -1.068827014556E+25
fil : = 488.3021531704
fipunto1 : = 6.0933395169244E+17
fi_gradi : = 27977.652503815
t1 : = 1.0809280870418E-14
tpunto1 : = 1.0003939481902
tduepunti0 : = -4.858528806244E+14
v=v_elettrone : = 3271921.6514792
x0= : -9.6779475934135E-13
y0= : -4.4195843014098E-12
*****
i=32726
k(32726)=0.99998278216869
kQ(32726)=0.99996556463384
r1= : 4.5247198892386E-12
rpunto1: = 1759229.0671784
rduepunti0 : = -1.0687371056166E+25
fil : = 488.30222463229
fipunto1 : = 6.092783402301E+17
fi_gradi : = 27977.656598279
t1 : = 1.0809280987743E-14
tpunto1 : = 1.0003938912558
tduepunti0 : = -4.8546280348763E+14
v=v_elettrone : = 3271140.7118315
x0= : -9.6752307858441E-13
y0= : -4.4198552917113E-12
*****
i=32727
k(32727)=0.99998280669254
kQ(32727)=0.99996561368068
r1= : 4.5249262093249E-12
rpunto1: = 1757975.7716216
rduepunti0 : = -1.0686472718977E+25
fil : = 488.30229608766
fipunto1 : = 6.0922277596854E+17
fi_gradi : = 27977.66069237
t1 : = 1.0809281105068E-14
tpunto1 : = 1.0003938343671
tduepunti0 : = -4.8507285626318E+14
v=v_elettrone : = 3270360.2121917
x0= : -9.6725136146231E-13
y0= : -4.4201261158275E-12
*****
i=32728
k(32728)=0.99998283119685
kQ(32728)=0.99996566268846
r1= : 4.5251323824263E-12
rpunto1: = 1756722.5813324
rduepunti0 : = -1.0685575133683E+25
fil : = 488.30236753651
fipunto1 : = 6.0916725888678E+17
fi_gradi : = 27977.664786088
t1 : = 1.0809281222393E-14
tpunto1 : = 1.0003937775241
tduepunti0 : = -4.846830388216E+14
v=v_elettrone : = 3269580.1527283
x0= : -9.6697960799035E-13
y0= : -4.4203967737711E-12
```

```
*****
i=32729
k(32729)=0.99998285568163
kQ(32729)=0.99996571165718
r1= : 4.5253384085552E-12
rpunto1 : = 1755469.4962227
rduepunti0 : = -1.068467829997E+25
fil : = 488.30243897885
fipunto1 : = 6.0911178896387E+17
fi_gradi : = 27977.668879432
t1 : = 1.0809281339718E-14
tpunto1 : = 1.0003937207268
tduepunti0 : = -4.8429335103354E+14
v=v_elettrone : = 3268800.5354908
x0= : -9.667078181838E-13
y0= : -4.4206672655545E-12
*****
i=32730
k(32730)=0.99998288014688
kQ(32730)=0.99996576058685
r1= : 4.5255442877239E-12
rpunto1 : = 1754216.5162044
rduepunti0 : = -1.0683782217526E+25
fil : = 488.30251041468
fipunto1 : = 6.0905636617891E+17
fi_gradi : = 27977.672972404
t1 : = 1.0809281457043E-14
tpunto1 : = 1.0003936639752
tduepunti0 : = -4.8390379276974E+14
v=v_elettrone : = 3268021.3588084
x0= : -9.6643599205769E-13
y0= : -4.4209375911904E-12
*****
i=32731
k(32731)=0.99998290459262
kQ(32731)=0.9999658094775
r1= : 4.5257500199447E-12
rpunto1 : = 1752963.6411894
rduepunti0 : = -1.068288688604E+25
fil : = 488.30258184402
fipunto1 : = 6.0900099051098E+17
fi_gradi : = 27977.677065004
t1 : = 1.0809281574368E-14
tpunto1 : = 1.0003936072693
tduepunti0 : = -4.8351436390105E+14
v=v_elettrone : = 3267242.6247257
x0= : -9.6616412962725E-13
y0= : -4.4212077506912E-12
*****
i=32732
k(32732)=0.99998292901885
kQ(32732)=0.99996585832912
r1= : 4.52595560523E-12
rpunto1 : = 1751710.8710896
rduepunti0 : = -1.0681992305201E+25
fil : = 488.30265326686
fipunto1 : = 6.0894566193922E+17
fi_gradi : = 27977.681157231
t1 : = 1.0809281691692E-14
tpunto1 : = 1.000393550609
tduepunti0 : = -4.8312506429841E+14
v=v_elettrone : = 3266464.3297149
x0= : -9.6589223090747E-13
y0= : -4.4214777440695E-12
```

```
*****
i=32733
k(32733)=0.99998295342557
kQ(32733)=0.99996590714173
r1= : 4.5261610435921E-12
rpunto1 : = 1750458.2058172
rduepunti0 : = -1.0681098474698E+25
fil : = 488.30272468321
fipunto1 : = 6.0889038044276E+17
fi_gradi : = 27977.685249086
t1 : = 1.0809281809017E-14
tpunto1 : = 1.0003934939944
tduepunti0 : = -4.8273589383285E+14
v=v_elettrone : = 3265686.477686
x0= : -9.6562029591382E-13
y0= : -4.4217475713378E-12
*****
i=32734
k(32734)=0.9999829778128
kQ(32734)=0.99996595591535
r1= : 4.5263663350432E-12
rpunto1 : = 1749205.645284
rduepunti0 : = -1.068020539422E+25
fil : = 488.30279609308
fipunto1 : = 6.0883514600079E+17
fi_gradi : = 27977.689340571
t1 : = 1.0809281926342E-14
tpunto1 : = 1.0003934374253
tduepunti0 : = -4.8234685237552E+14
v=v_elettrone : = 3264909.0669565
x0= : -9.6534832466124E-13
y0= : -4.4220172325087E-12
*****
i=32735
k(32735)=0.99998300218053
kQ(32735)=0.99996600464999
r1= : 4.5265714795956E-12
rpunto1 : = 1747953.1894023
rduepunti0 : = -1.0679313063456E+25
fil : = 488.30286749647
fipunto1 : = 6.0877995859248E+17
fi_gradi : = 27977.693431683
t1 : = 1.0809282043667E-14
tpunto1 : = 1.0003933809019
tduepunti0 : = -4.8195793979764E+14
v=v_elettrone : = 3264132.0977195
x0= : -9.650763171649E-13
y0= : -4.4222867275946E-12
*****
i=32736
k(32736)=0.99998302652878
kQ(32736)=0.99996605334565
r1= : 4.5267764772617E-12
rpunto1 : = 1746700.838084
rduepunti0 : = -1.0678421482097E+25
fil : = 488.30293889338
fipunto1 : = 6.0872481819705E+17
fi_gradi : = 27977.697522426
t1 : = 1.0809282160992E-14
tpunto1 : = 1.0003933244241
tduepunti0 : = -4.8156915597055E+14
v=v_elettrone : = 3263355.5701704
x0= : -9.6480427343998E-13
y0= : -4.422556056608E-12
```



```
*****
i=32737
k(32737)=0.99998305085754
kQ(32737)=0.99996610200235
r1= : 4.5269813280536E-12
rpunto1 : = 1745448.5912414
rduepunti0 : = -1.0677530649833E+25
fil : = 488.30301028384
fipunto1 : = 6.0866972479374E+17
fi_gradi : = 27977.701612797
t1 : = 1.0809282278317E-14
tpunto1 : = 1.0003932679919
tduepunti0 : = -4.8118050076567E+14
v=v_elettrone : = 3262579.4844884
x0= : -9.6453219350162E-13
y0= : -4.4228252195614E-12
*****
i=32738
k(32738)=0.99998307516683
kQ(32738)=0.99996615062011
r1= : 4.5271860319837E-12
rpunto1 : = 1744196.4487866
rduepunti0 : = -1.0676640566355E+25
fil : = 488.30308166783
fipunto1 : = 6.0861467836181E+17
fi_gradi : = 27977.705702798
t1 : = 1.0809282395641E-14
tpunto1 : = 1.0003932116053
tduepunti0 : = -4.8079197405453E+14
v=v_elettrone : = 3261803.8408646
x0= : -9.6426007736496E-13
y0= : -4.4230942164673E-12
*****
i=32739
k(32739)=0.99998309945665
kQ(32739)=0.99996619919893
r1= : 4.5273905890641E-12
rpunto1 : = 1742944.4106318
rduepunti0 : = -1.0675751231354E+25
fil : = 488.30315304536
fipunto1 : = 6.0855967888053E+17
fi_gradi : = 27977.70979243
t1 : = 1.0809282512966E-14
tpunto1 : = 1.0003931552642
tduepunti0 : = -4.8040357570875E+14
v=v_elettrone : = 3261028.6376248
x0= : -9.639879250451E-13
y0= : -4.423363047338E-12
*****
i=32740
k(32740)=0.99998312372701
kQ(32740)=0.99996624773883
r1= : 4.5275949993071E-12
rpunto1 : = 1741692.4766894
rduepunti0 : = -1.067486264452E+25
fil : = 488.30322441644
fipunto1 : = 6.085047263292E+17
fi_gradi : = 27977.713881692
t1 : = 1.0809282630291E-14
tpunto1 : = 1.0003930989686
tduepunti0 : = -4.8001530560006E+14
v=v_elettrone : = 3260253.8786795
x0= : -9.637157365574E-13
y0= : -4.423631712186E-12
```

```
*****
i=32741
k(32741)=0.99998314797791
kQ(32741)=0.99996629623982
r1= : 4.527799262725E-12
rpunto1 : = 1740440.6468715
rduepunti0 : = -1.0673974805547E+25
fil : = 488.30329578108
fipunto1 : = 6.0844982068716E+17
fi_gradi : = 27977.717970584
t1 : = 1.0809282747616E-14
tpunto1 : = 1.0003930427186
tduepunti0 : = -4.7962716360025E+14
v=v_elettrone : = 3259479.5623444
x0= : -9.6344351191668E-13
y0= : -4.4239002110238E-12
*****
i=32742
k(32742)=0.99998317220937
kQ(32742)=0.99996634470191
r1= : 4.5280033793299E-12
rpunto1 : = 1739188.9210906
rduepunti0 : = -1.0673087714125E+25
fil : = 488.30336713928
fipunto1 : = 6.0839496193374E+17
fi_gradi : = 27977.722059108
t1 : = 1.0809282864941E-14
tpunto1 : = 1.000392986514
tduepunti0 : = -4.7923914958125E+14
v=v_elettrone : = 3258705.686976
x0= : -9.6317125113801E-13
y0= : -4.4241685438638E-12
*****
i=32743
k(32743)=0.99998319642137
kQ(32743)=0.99996639312511
r1= : 4.528207349134E-12
rpunto1 : = 1737937.299259
rduepunti0 : = -1.0672201369947E+25
fil : = 488.30343849105
fipunto1 : = 6.0834015004831E+17
fi_gradi : = 27977.726147263
t1 : = 1.0809282982265E-14
tpunto1 : = 1.000392930355
tduepunti0 : = -4.7885126341507E+14
v=v_elettrone : = 3257932.2545882
x0= : -9.6289895423669E-13
y0= : -4.4244367107184E-12
*****
i=32744
k(32744)=0.99998322061394
kQ(32744)=0.99996644150944
r1= : 4.5284111721495E-12
rpunto1 : = 1736685.781289
rduepunti0 : = -1.0671315772705E+25
fil : = 488.30350983639
fipunto1 : = 6.0828538501027E+17
fi_gradi : = 27977.73023505
t1 : = 1.080928309959E-14
tpunto1 : = 1.0003928742414
tduepunti0 : = -4.784635049738E+14
v=v_elettrone : = 3257159.2653937
x0= : -9.6262662122776E-13
y0= : -4.4247047115999E-12
```

```
*****
i=32745
k(32745)=0.99998324478708
kQ(32745)=0.9999664898549
r1= : 4.5286148483887E-12
rpunto1 : = 1735434.3670932
rduepunti0 : = -1.0670430922093E+25
fil : = 488.3035811753
fipunto1 : = 6.0823066679903E+17
fi_gradi : = 27977.734322469
t1 : = 1.0809283216915E-14
tpunto1 : = 1.0003928181733
tduepunti0 : = -4.7807587412965E+14
v=v_elettrone : = 3256386.7177146
x0= : -9.6235425212621E-13
y0= : -4.4249725465209E-12
*****
i=32746
k(32746)=0.99998326894079
kQ(32746)=0.99996653816152
r1= : 4.5288183778636E-12
rpunto1 : = 1734183.056584
rduepunti0 : = -1.0669546817804E+25
fil : = 488.3036525078
fipunto1 : = 6.0817599539402E+17
fi_gradi : = 27977.73840952
t1 : = 1.080928333424E-14
tpunto1 : = 1.0003927621506
tduepunti0 : = -4.7768837075491E+14
v=v_elettrone : = 3255614.6135956
x0= : -9.6208184694732E-13
y0= : -4.4252402154935E-12
*****
i=32747
k(32747)=0.99998329307509
kQ(32747)=0.99996658642929
r1= : 4.5290217605865E-12
rpunto1 : = 1732931.8496738
rduepunti0 : = -1.066866345953E+25
fil : = 488.30372383389
fipunto1 : = 6.081213707747E+17
fi_gradi : = 27977.742496203
t1 : = 1.0809283451564E-14
tpunto1 : = 1.0003927061734
tduepunti0 : = -4.7730099472197E+14
v=v_elettrone : = 3254842.9532201
x0= : -9.6180940570605E-13
y0= : -4.4255077185302E-12
*****
i=32748
k(32748)=0.99998331718996
kQ(32748)=0.99996663465824
r1= : 4.5292249965695E-12
rpunto1 : = 1731680.7462754
rduepunti0 : = -1.0667780846968E+25
fil : = 488.30379515357
fipunto1 : = 6.0806679292055E+17
fi_gradi : = 27977.74658252
t1 : = 1.0809283568889E-14
tpunto1 : = 1.0003926502415
tduepunti0 : = -4.7691374590333E+14
v=v_elettrone : = 3254071.7349323
x0= : -9.6153692841738E-13
y0= : -4.4257750556434E-12
```

```
*****
i=32749
k(32749)=0.99998334128543
kQ(32749)=0.99996668284838
r1= : 4.5294280858246E-12
rpunto1 : = 1730429.7463011
rduepunti0 : = -1.0666898979809E+25
fil : = 488.30386646685
fipunto1 : = 6.0801226181107E+17
fi_gradi : = 27977.75066847
t1 : = 1.0809283686214E-14
tpunto1 : = 1.0003925943551
tduepunti0 : = -4.7652662417156E+14
v=v_elettrone : = 3253300.9589027
x0= : -9.612644150965E-13
y0= : -4.4260422268454E-12
*****
i=32750
k(32750)=0.9999833653615
kQ(32750)=0.99996673099971
r1= : 4.5296310283642E-12
rpunto1 : = 1729178.8496637
rduepunti0 : = -1.0666017857749E+25
fil : = 488.30393777373
fipunto1 : = 6.0795777742578E+17
fi_gradi : = 27977.754754053
t1 : = 1.0809283803539E-14
tpunto1 : = 1.0003925385141
tduepunti0 : = -4.7613962939935E+14
v=v_elettrone : = 3252530.6271929
x0= : -9.6099186575859E-13
y0= : -4.4263092321485E-12
*****
i=32751
k(32751)=0.99998338941817
kQ(32751)=0.99996677911225
r1= : 4.5298338242002E-12
rpunto1 : = 1727928.0562758
rduepunti0 : = -1.0665137480483E+25
fil : = 488.30400907422
fipunto1 : = 6.0790333974422E+17
fi_gradi : = 27977.758839271
t1 : = 1.0809283920863E-14
tpunto1 : = 1.0003924827184
tduepunti0 : = -4.7575276145947E+14
v=v_elettrone : = 3251760.7399897
x0= : -9.6071928041859E-13
y0= : -4.426576071565E-12
*****
i=32752
k(32752)=0.99998341345545
kQ(32752)=0.99996682718602
r1= : 4.5300364733448E-12
rpunto1 : = 1726677.36605
rduepunti0 : = -1.0664257847706E+25
fil : = 488.30408036833
fipunto1 : = 6.0784894874597E+17
fi_gradi : = 27977.762924122
t1 : = 1.0809284038188E-14
tpunto1 : = 1.0003924269681
tduepunti0 : = -4.7536602022478E+14
v=v_elettrone : = 3250991.2956109
x0= : -9.6044665909137E-13
y0= : -4.4268427451072E-12
```

```
*****
i=32753
k(32753)=0.99998343747335
kQ(32753)=0.99996687522102
r1= : 4.5302389758101E-12
rpunto1: = 1725426.7788992
rduepunti0 : = -1.0663378959114E+25
fil : = 488.30415165606
fipunto1 : = 6.0779460441061E+17
fi_gradi : = 27977.767008608
t1 : = 1.0809284155513E-14
tpunto1 : = 1.0003923712632
tduepunti0 : = -4.7497940556825E+14
v=v_elettrone : = 3250222.2942605
x0= : -9.6017400179209E-13
y0= : -4.4271092527875E-12
*****
i=32754
k(32754)=0.99998346147187
kQ(32754)=0.99996692321726
r1= : 4.5304413316082E-12
rpunto1: = 1724176.2947361
rduepunti0 : = -1.0662500814401E+25
fil : = 488.30422293742
fipunto1 : = 6.0774030671776E+17
fi_gradi : = 27977.771092729
t1 : = 1.0809284272838E-14
tpunto1 : = 1.0003923156035
tduepunti0 : = -4.7459291736295E+14
v=v_elettrone : = 3249453.7361124
x0= : -9.5990130853585E-13
y0= : -4.4273755946181E-12
*****
i=32755
k(32755)=0.99998348545101
kQ(32755)=0.99996697117476
r1= : 4.5306435407511E-12
rpunto1: = 1722925.9134734
rduepunti0 : = -1.0661623413265E+25
fil : = 488.30429421241
fipunto1 : = 6.0768605564704E+17
fi_gradi : = 27977.775176485
t1 : = 1.0809284390162E-14
tpunto1 : = 1.0003922599892
tduepunti0 : = -4.7420655548203E+14
v=v_elettrone : = 3248685.6232278
x0= : -9.5962857933777E-13
y0= : -4.4276417706113E-12
*****
i=32756
k(32756)=0.99998350941079
kQ(32756)=0.99996701909353
r1= : 4.530845603251E-12
rpunto1: = 1721675.6350239
rduepunti0 : = -1.0660746755402E+25
fil : = 488.30436548104
fipunto1 : = 6.076318511781E+17
fi_gradi : = 27977.779259877
t1 : = 1.0809284507487E-14
tpunto1 : = 1.0003922044202
tduepunti0 : = -4.7382031979872E+14
v=v_elettrone : = 3247917.9539274
x0= : -9.5935581421267E-13
y0= : -4.4279077807793E-12
```

```
*****
i=32757
k(32757)=0.99998353335121
kQ(32757)=0.99996706697358
r1= : 4.5310475191198E-12
rpunto1: = 1720425.4593007
rduepunti0 : = -1.0659870840508E+25
fil : = 488.3044367433
fipunto1 : = 6.0757769329064E+17
fi_gradi : = 27977.783342904
t1 : = 1.0809284624812E-14
tpunto1 : = 1.0003921488964
tduepunti0 : = -4.7343421018639E+14
v=v_elettrone : = 3247150.7284074
x0= : -9.5908301317562E-13
y0= : -4.4281736251345E-12
*****
i=32758
k(32758)=0.99998355727228
kQ(32758)=0.99996711481492
r1= : 4.5312492883696E-12
rpunto1: = 1719175.3862165
rduepunti0 : = -1.0658995668281E+25
fil : = 488.30450799922
fipunto1 : = 6.0752358196434E+17
fi_gradi : = 27977.787425568
t1 : = 1.0809284742136E-14
tpunto1 : = 1.0003920934179
tduepunti0 : = -4.7304822651847E+14
v=v_elettrone : = 3246383.946839
x0= : -9.5881017624168E-13
y0= : -4.4284393036889E-12
*****
i=32759
k(32759)=0.999983581174
kQ(32759)=0.99996716261757
r1= : 4.5314509110125E-12
rpunto1: = 1717925.4156843
rduepunti0 : = -1.0658121238418E+25
fil : = 488.30457924879
fipunto1 : = 6.0746951717892E+17
fi_gradi : = 27977.791507867
t1 : = 1.0809284859461E-14
tpunto1 : = 1.0003920379847
tduepunti0 : = -4.7266236866848E+14
v=v_elettrone : = 3245617.6094368
x0= : -9.5853730342589E-13
y0= : -4.4287048164549E-12
*****
i=32760
k(32760)=0.99998360505637
kQ(32760)=0.99996721038154
r1= : 4.5316523870605E-12
rpunto1: = 1716675.547617
rduepunti0 : = -1.0657247550616E+25
fil : = 488.30465049203
fipunto1 : = 6.0741549891413E+17
fi_gradi : = 27977.795589804
t1 : = 1.0809284976786E-14
tpunto1 : = 1.0003919825967
tduepunti0 : = -4.7227663651007E+14
v=v_elettrone : = 3244851.7163725
x0= : -9.5826439474326E-13
y0= : -4.4289701634447E-12
```

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*****
i=32761
k(32761)=0.99998362891941
kQ(32761)=0.99996725810683
r1= : 4.5318537165256E-12
rpunto1 : = 1715425.7819277
rduepunti0 : = -1.0656374604575E+25
fil : = 488.30472172892
fipunto1 : = 6.0736152714973E+17
fi_gradi : = 27977.799671377
t1 : = 1.080928509411E-14
tpunto1 : = 1.000391927254
tduepunti0 : = -4.7189102991694E+14
v=v_elettrone : = 3244086.2678309
x0= : -9.5799145020881E-13
y0= : -4.4292353446705E-12
*****
i=32762
k(32762)=0.99998365276312
kQ(32762)=0.99996730579347
r1= : 4.5320548994198E-12
rpunto1 : = 1714176.1185295
rduepunti0 : = -1.0655502399991E+25
fil : = 488.30479295949
fipunto1 : = 6.0730760186551E+17
fi_gradi : = 27977.803752588
t1 : = 1.0809285211435E-14
tpunto1 : = 1.0003918719564
tduepunti0 : = -4.7150554876292E+14
v=v_elettrone : = 3243321.2640142
x0= : -9.5771846983751E-13
y0= : -4.4295003601444E-12
*****
i=32763
k(32763)=0.9999836765875
kQ(32763)=0.99996735344146
r1= : 4.5322559357551E-12
rpunto1 : = 1712926.5573353
rduepunti0 : = -1.0654630936565E+25
fil : = 488.30486418373
fipunto1 : = 6.0725372304126E+17
fi_gradi : = 27977.807833437
t1 : = 1.080928532876E-14
tpunto1 : = 1.0003918167041
tduepunti0 : = -4.7112019292191E+14
v=v_elettrone : = 3242556.7051162
x0= : -9.5744545364435E-13
y0= : -4.4297652098786E-12
*****
i=32764
k(32764)=0.99998370039257
kQ(32764)=0.99996740105081
r1= : 4.5324568255436E-12
rpunto1 : = 1711677.0982583
rduepunti0 : = -1.0653760213994E+25
fil : = 488.30493540165
fipunto1 : = 6.0719989065683E+17
fi_gradi : = 27977.811913923
t1 : = 1.0809285446084E-14
tpunto1 : = 1.0003917614969
tduepunti0 : = -4.7073496226792E+14
v=v_elettrone : = 3241792.5913045
x0= : -9.5717240164427E-13
y0= : -4.4300298938854E-12
```

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*****
i=32765
k(32765)=0.99998372417832
kQ(32765)=0.99996744862154
r1= : 4.532657568797E-12
rpunto1 : = 1710427.7412117
rduepunti0 : = -1.0652890231978E+25
fil : = 488.30500661326
fipunto1 : = 6.0714610469206E+17
fi_gradi : = 27977.815994048
t1 : = 1.0809285563409E-14
tpunto1 : = 1.0003917063349
tduepunti0 : = -4.7034985667504E+14
v=v_elettrone : = 3241028.922783
x0= : -9.5689931385222E-13
y0= : -4.4302944121769E-12
*****
i=32766
k(32766)=0.99998374794476
kQ(32766)=0.99996749615365
r1= : 4.5328581655276E-12
rpunto1 : = 1709178.4861086
rduepunti0 : = -1.0652020990217E+25
fil : = 488.30507781856
fipunto1 : = 6.0709236512683E+17
fi_gradi : = 27977.820073811
t1 : = 1.0809285680734E-14
tpunto1 : = 1.000391651218
tduepunti0 : = -4.6996487601746E+14
v=v_elettrone : = 3240265.6978709
x0= : -9.5662619028312E-13
y0= : -4.4305587647652E-12
*****
i=32767
k(32767)=0.99998377169191
kQ(32767)=0.99996754364717
r1= : 4.5330586157471E-12
rpunto1 : = 1707929.3328623
rduepunti0 : = -1.0651152488411E+25
fil : = 488.30514901756
fipunto1 : = 6.0703867194102E+17
fi_gradi : = 27977.824153213
t1 : = 1.0809285798058E-14
tpunto1 : = 1.0003915961463
tduepunti0 : = -4.6958002016948E+14
v=v_elettrone : = 3239502.9186323
x0= : -9.5635303095213E-13
y0= : -4.4308229516624E-12
*****
i=32768
k(32768)=0.99998379541975
kQ(32768)=0.9999675911021
r1= : 4.5332589194676E-12
rpunto1 : = 1706680.281386
rduepunti0 : = -1.065028472626E+25
fil : = 488.30522021027
fipunto1 : = 6.0698502511456E+17
fi_gradi : = 27977.828232255
t1 : = 1.0809285915383E-14
tpunto1 : = 1.0003915411196
tduepunti0 : = -4.6919528900545E+14
v=v_elettrone : = 3238740.5852429
x0= : -9.5607983587414E-13
y0= : -4.4310869728808E-12
```



```
*****
i=32769
k(32769)=0.99998381912831
kQ(32769)=0.99996763851845
r1= : 4.5334590767009E-12
rpunto1: = 1705431.331593
rduepunti0 : = -1.0649417703464E+25
fil : = 488.30529139668
fipunto1 : = 6.0693142462737E+17
fi_gradi : = 27977.832310935
t1 : = 1.0809286032707E-14
tpunto1 : = 1.0003914861381
tduepunti0 : = -4.6881068239987E+14
v=v_elettrone : = 3237978.6960404
x0= : -9.5580660506403E-13
y0= : -4.4313508284324E-12
*****
i=32770
k(32770)=0.99998384281759
kQ(32770)=0.99996768589624
r1= : 4.533659087459E-12
rpunto1: = 1704182.4833966
rduepunti0 : = -1.0648551419724E+25
fil : = 488.3053625768
fipunto1 : = 6.0687787045943E+17
fi_gradi : = 27977.836389256
t1 : = 1.0809286150032E-14
tpunto1 : = 1.0003914312017
tduepunti0 : = -4.6842620022728E+14
v=v_elettrone : = 3237217.2549353
x0= : -9.5553333853691E-13
y0= : -4.4316145183292E-12
*****
i=32771
k(32771)=0.99998386648759
kQ(32771)=0.99996773323547
r1= : 4.5338589517539E-12
rpunto1: = 1702933.7367102
rduepunti0 : = -1.0647685874742E+25
fil : = 488.30543375064
fipunto1 : = 6.0682436259071E+17
fi_gradi : = 27977.840467217
t1 : = 1.0809286267357E-14
tpunto1 : = 1.0003913763104
tduepunti0 : = -4.6804184236235E+14
v=v_elettrone : = 3236456.2565165
x0= : -9.5526003630737E-13
y0= : -4.4318780425835E-12
*****
i=32772
k(32772)=0.99998389013832
kQ(32772)=0.99996778053616
r1= : 4.5340586695974E-12
rpunto1: = 1701685.0914472
rduepunti0 : = -1.0646821068219E+25
fil : = 488.30550491821
fipunto1 : = 6.0677090100121E+17
fi_gradi : = 27977.844544818
t1 : = 1.0809286384681E-14
tpunto1 : = 1.0003913214641
tduepunti0 : = -4.6765760867982E+14
v=v_elettrone : = 3235695.7047274
x0= : -9.5498669839074E-13
y0= : -4.4321414012073E-12
```

```
*****
i=32773
k(32773)=0.99998391376978
kQ(32773)=0.99996782779832
r1= : 4.5342582410013E-12
rpunto1 : = 1700436.547521
rduepunti0 : = -1.0645956999857E+25
fil : = 488.30557607951
fipunto1 : = 6.0671748567096E+17
fi_gradi : = 27977.84862206
t1 : = 1.0809286502006E-14
tpunto1 : = 1.0003912666629
tduepunti0 : = -4.6727349905455E+14
v=v_elettrone : = 3234935.5997295
x0= : -9.5471332480182E-13
y0= : -4.4324045942126E-12
*****
i=32774
k(32774)=0.99998393738198
kQ(32774)=0.99996787502197
r1= : 4.5344576659777E-12
rpunto1 : = 1699188.1048451
rduepunti0 : = -1.0645093669358E+25
fil : = 488.30564723455
fipunto1 : = 6.0666411658E+17
fi_gradi : = 27977.852698944
t1 : = 1.080928661933E-14
tpunto1 : = 1.0003912119067
tduepunti0 : = -4.6688951336145E+14
v=v_elettrone : = 3234175.9398578
x0= : -9.5443991555543E-13
y0= : -4.4326676216115E-12
*****
i=32775
k(32775)=0.99998396097493
kQ(32775)=0.9999679222071
r1= : 4.5346569445384E-12
rpunto1 : = 1697939.7633329
rduepunti0 : = -1.0644231076424E+25
fil : = 488.30571838332
fipunto1 : = 6.0661079370839E+17
fi_gradi : = 27977.856775468
t1 : = 1.0809286736655E-14
tpunto1 : = 1.0003911571955
tduepunti0 : = -4.6650565147557E+14
v=v_elettrone : = 3233416.7271805
x0= : -9.5416647066657E-13
y0= : -4.4329304834161E-12
*****
i=32776
k(32776)=0.99998398454863
kQ(32776)=0.99996796935375
r1= : 4.5348560766952E-12
rpunto1 : = 1696691.5228981
rduepunti0 : = -1.0643369220759E+25
fil : = 488.30578952584
fipunto1 : = 6.0655751703624E+17
fi_gradi : = 27977.860851634
t1 : = 1.080928685398E-14
tpunto1 : = 1.0003911025294
tduepunti0 : = -4.6612191327201E+14
v=v_elettrone : = 3232657.9581324
x0= : -9.5389299015003E-13
y0= : -4.4331931796384E-12
```

```
*****
i=32777
k(32777)=0.99998400810308
kQ(32777)=0.99996801646191
r1= : 4.53505506246E-12
rpunto1: = 1695443.3834541
rduepunti0 : = -1.0642508102065E+25
fil : = 488.30586066211
fipunto1 : = 6.0650428654364E+17
fi_gradi : = 27977.864927442
t1 : = 1.0809286971304E-14
tpunto1 : = 1.0003910479082
tduepunti0 : = -4.65738298626E+14
v=v_elettrone : = 3231899.6385284
x0= : -9.5361947402105E-13
y0= : -4.4334557102905E-12
*****
i=32778
k(32778)=0.9999840316383
kQ(32778)=0.9999680635316
r1= : 4.5352539018446E-12
rpunto1: = 1694195.3449146
rduepunti0 : = -1.0641647720045E+25
fil : = 488.30593179215
fipunto1 : = 6.0645110221072E+17
fi_gradi : = 27977.869002893
t1 : = 1.0809287088629E-14
tpunto1 : = 1.000390993332
tduepunti0 : = -4.6535480741283E+14
v=v_elettrone : = 3231141.7629288
x0= : -9.533459222941E-13
y0= : -4.4337180753843E-12
*****
i=32779
k(32779)=0.99998405515429
kQ(32779)=0.99996811056283
r1= : 4.5354525948609E-12
rpunto1: = 1692947.4071932
rduepunti0 : = -1.0640788074404E+25
fil : = 488.30600291594
fipunto1 : = 6.0639796401765E+17
fi_gradi : = 27977.873077986
t1 : = 1.0809287205953E-14
tpunto1 : = 1.0003909388007
tduepunti0 : = -4.6497143950791E+14
v=v_elettrone : = 3230384.3352828
x0= : -9.5307233498442E-13
y0= : -4.4339802749318E-12
*****
i=32780
k(32780)=0.99998407865106
kQ(32780)=0.99996815755561
r1= : 4.5356511415207E-12
rpunto1: = 1691699.5702036
rduepunti0 : = -1.0639929164846E+25
fil : = 488.3060740335
fipunto1 : = 6.0634487194459E+17
fi_gradi : = 27977.877152722
t1 : = 1.0809287323278E-14
tpunto1 : = 1.0003908843144
tduepunti0 : = -4.6458819478671E+14
v=v_elettrone : = 3229627.3539024
x0= : -9.5279871210669E-13
y0= : -4.4342423089451E-12
```

```
*****
i=32781
k(32781)=0.99998410212861
kQ(32781)=0.99996820450995
r1= : 4.5358495418358E-12
rpunto1 : = 1690451.8338595
rduepunti0 : = -1.0639070991074E+25
fil : = 488.30614514483
fipunto1 : = 6.0629182597174E+17
fi_gradi : = 27977.881227102
t1 : = 1.0809287440602E-14
tpunto1 : = 1.0003908298731
tduepunti0 : = -4.6420507312483E+14
v=v_elettrone : = 3228870.8189767
x0= : -9.5252505367584E-13
y0= : -4.4345041774361E-12
*****
i=32782
k(32782)=0.99998412558694
kQ(32782)=0.99996825142587
r1= : 4.536047795818E-12
rpunto1 : = 1689204.1980746
rduepunti0 : = -1.0638213552794E+25
fil : = 488.30621624995
fipunto1 : = 6.0623882607932E+17
fi_gradi : = 27977.885301124
t1 : = 1.0809287557927E-14
tpunto1 : = 1.0003907754766
tduepunti0 : = -4.6382207439793E+14
v=v_elettrone : = 3228114.7307018
x0= : -9.5225135970681E-13
y0= : -4.4347658804168E-12
*****
i=32783
k(32783)=0.99998414902606
kQ(32783)=0.99996829830338
r1= : 4.5362459034791E-12
rpunto1 : = 1687956.6627628
rduepunti0 : = -1.063735684971E+25
fil : = 488.30628734884
fipunto1 : = 6.0618587224756E+17
fi_gradi : = 27977.889374791
t1 : = 1.0809287675251E-14
tpunto1 : = 1.0003907211251
tduepunti0 : = -4.6343919848178E+14
v=v_elettrone : = 3227359.0892528
x0= : -9.5197763021449E-13
y0= : -4.4350274178991E-12
*****
i=32784
k(32784)=0.99998417244599
kQ(32784)=0.99996834514249
r1= : 4.536443864831E-12
rpunto1 : = 1686709.2278378
rduepunti0 : = -1.0636500881528E+25
fil : = 488.30635844153
fipunto1 : = 6.0613296445672E+17
fi_gradi : = 27977.893448102
t1 : = 1.0809287792576E-14
tpunto1 : = 1.0003906668184
tduepunti0 : = -4.6305644525223E+14
v=v_elettrone : = 3226603.8948394
x0= : -9.5170386521377E-13
y0= : -4.435288789895E-12
```

```
*****
i=32785
k(32785)=0.99998419584672
kQ(32785)=0.99996839194321
r1= : 4.5366416798852E-12
rpunto1: = 1685461.8932135
rduepunti0 : = -1.0635645647953E+25
fil : = 488.30642952801
fipunto1 : = 6.0608010268709E+17
fi_gradi : = 27977.897521058
t1 : = 1.08092879099E-14
tpunto1 : = 1.0003906125567
tduepunti0 : = -4.6267381458522E+14
v=v_elettrone : = 3225849.1495136
x0= : -9.5143006471953E-13
y0= : -4.4355499964165E-12
*****
i=32786
k(32786)=0.99998421922826
kQ(32786)=0.99996843870554
r1= : 4.5368393486537E-12
rpunto1: = 1684214.6588037
rduepunti0 : = -1.0634791148691E+25
fil : = 488.3065006083
fipunto1 : = 6.0602728691897E+17
fi_gradi : = 27977.901593658
t1 : = 1.0809288027225E-14
tpunto1 : = 1.0003905583397
tduepunti0 : = -4.6229130635680E+14
v=v_elettrone : = 3225094.8497198
x0= : -9.5115622874635E-13
y0= : -4.4358110374754E-12
*****
i=32787
k(32787)=0.99998424259061
kQ(32787)=0.99996848542952
r1= : 4.5370368711482E-12
rpunto1: = 1682967.5245224
rduepunti0 : = -1.0633937383448E+25
fil : = 488.30657168238
fipunto1 : = 6.0597451713268E+17
fi_gradi : = 27977.905665903
t1 : = 1.0809288144549E-14
tpunto1 : = 1.0003905041677
tduepunti0 : = -4.619089204431E+14
v=v_elettrone : = 3224340.9975314
x0= : -9.5088235730934E-13
y0= : -4.4360719130838E-12
*****
i=32788
k(32788)=0.99998426593379
kQ(32788)=0.99996853211513
r1= : 4.5372342473804E-12
rpunto1: = 1681720.4902835
rduepunti0 : = -1.0633084351931E+25
fil : = 488.30664275028
fipunto1 : = 6.0592179330857E+17
fi_gradi : = 27977.909737794
t1 : = 1.0809288261874E-14
tpunto1 : = 1.0003904500404
tduepunti0 : = -4.6152665672033E+14
v=v_elettrone : = 3223587.5931255
x0= : -9.5060845042333E-13
y0= : -4.4363326232534E-12
```

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*****
i=32789
k(32789)=0.99998428925779
kQ(32789)=0.99996857876241
r1= : 4.537431477362E-12
rpunto1 : = 1680473.556001
rduepunti0 : = -1.0632232053847E+25
fil : = 488.306713812
fipunto1 : = 6.0586911542699E+17
fi_gradi : = 27977.91380933
t1 : = 1.0809288379198E-14
tpunto1 : = 1.000390395958
tduepunti0 : = -4.611445150648E+14
v=v_elettrone : = 3222834.6367032
x0= : -9.5033450810311E-13
y0= : -4.4365931679961E-12
*****
i=32790
k(32790)=0.99998431256263
kQ(32790)=0.99996862537135
r1= : 4.5376285611049E-12
rpunto1 : = 1679226.721589
rduepunti0 : = -1.0631380488903E+25
fil : = 488.30678486754
fipunto1 : = 6.0581648346835E+17
fi_gradi : = 27977.917880513
t1 : = 1.0809288496523E-14
tpunto1 : = 1.0003903419204
tduepunti0 : = -4.6076249535292E+14
v=v_elettrone : = 3222082.1265746
x0= : -9.5006053036348E-13
y0= : -4.436853547324E-12
*****
i=32791
k(32791)=0.9999843358483
kQ(32791)=0.99996867194197
r1= : 4.5378254986206E-12
rpunto1 : = 1677979.9869614
rduepunti0 : = -1.0630529656805E+25
fil : = 488.3068559169
fipunto1 : = 6.0576389741305E+17
fi_gradi : = 27977.921951341
t1 : = 1.0809288613847E-14
tpunto1 : = 1.0003902879275
tduepunti0 : = -4.6038059746118E+14
v=v_elettrone : = 3221330.0666819
x0= : -9.4978651721946E-13
y0= : -4.4371137612487E-12
*****
i=32792
k(32792)=0.99998435911482
kQ(32792)=0.99996871847428
r1= : 4.5380222899209E-12
rpunto1 : = 1676733.3520324
rduepunti0 : = -1.0629679557263E+25
fil : = 488.3069269601
fipunto1 : = 6.0571135724151E+17
fi_gradi : = 27977.926021817
t1 : = 1.0809288731172E-14
tpunto1 : = 1.0003902339795
tduepunti0 : = -4.5999882126615E+14
v=v_elettrone : = 3220578.4534686
x0= : -9.4951246868558E-13
y0= : -4.4373738097823E-12

```

```
*****
i=32793
k(32793)=0.99998438236219
kQ(32793)=0.99996876496829
r1= : 4.5382189350175E-12
rpunto1 : = 1675486.8167161
rduepunti0 : = -1.0628830189984E+25
fil : = 488.30699799714
fipunto1 : = 6.0565886293419E+17
fi_gradi : = 27977.930091939
t1 : = 1.0809288848496E-14
tpunto1 : = 1.0003901800762
tduepunti0 : = -4.5961716664452E+14
v=v_elettrone : = 3219827.2871175
x0= : -9.4923838477682E-13
y0= : -4.4376336929365E-12
*****
i=32794
k(32794)=0.99998440559042
kQ(32794)=0.99996881142402
r1= : 4.538415433922E-12
rpunto1 : = 1674240.3809266
rduepunti0 : = -1.0627981554676E+25
fil : = 488.30706902802
fipunto1 : = 6.0560641447156E+17
fi_gradi : = 27977.934161709
t1 : = 1.0809288965821E-14
tpunto1 : = 1.0003901262176
tduepunti0 : = -4.5923563347305E+14
v=v_elettrone : = 3219076.5715848
x0= : -9.4896426550816E-13
y0= : -4.4378934107231E-12
*****
i=32795
k(32795)=0.99998442879951
kQ(32795)=0.99996885784148
r1= : 4.5386117866462E-12
rpunto1 : = 1672994.0445781
rduepunti0 : = -1.0627133651048E+25
fil : = 488.30714005275
fipunto1 : = 6.0555401183412E+17
fi_gradi : = 27977.938231126
t1 : = 1.0809289083145E-14
tpunto1 : = 1.0003900724038
tduepunti0 : = -4.5885422162858E+14
v=v_elettrone : = 3218326.3032955
x0= : -9.4869011089407E-13
y0= : -4.4381529631541E-12
*****
i=32796
k(32796)=0.99998445198946
kQ(32796)=0.99996890422067
r1= : 4.5388079932017E-12
rpunto1 : = 1671747.8075849
rduepunti0 : = -1.0626286478809E+25
fil : = 488.30721107133
fipunto1 : = 6.0550165500238E+17
fi_gradi : = 27977.942300191
t1 : = 1.080928920047E-14
tpunto1 : = 1.0003900186347
tduepunti0 : = -4.5847293098807E+14
v=v_elettrone : = 3217576.4824455
x0= : -9.4841592094949E-13
y0= : -4.4384123502412E-12
```

```
*****
i=32797
k(32797)=0.99998447516029
kQ(32797)=0.9999689505616
r1= : 4.5390040536002E-12
rpunto1: = 1670501.6698612
rduepunti0 : = -1.0625440037669E+25
fil : = 488.30728208377
fipunto1 : = 6.0544934395687E+17
fi_gradi : = 27977.946368904
t1 : = 1.0809289317794E-14
tpunto1 : = 1.0003899649103
tduepunti0 : = -4.5809176142855E+14
v=v_elettrone : = 3216827.1111076
x0= : -9.4814169568937E-13
y0= : -4.4386715719962E-12
*****
i=32798
k(32798)=0.999984498312
kQ(32798)=0.9999689968643
r1= : 4.5391999678532E-12
rpunto1: = 1669255.6313213
rduepunti0 : = -1.0624594327336E+25
fil : = 488.30735309008
fipunto1 : = 6.0539707867815E+17
fi_gradi : = 27977.950437266
t1 : = 1.0809289435118E-14
tpunto1 : = 1.0003899112306
tduepunti0 : = -4.5771071282714E+14
v=v_elettrone : = 3216078.1894665
x0= : -9.4786743512836E-13
y0= : -4.4389306284309E-12
*****
i=32799
k(32799)=0.99998452144459
kQ(32799)=0.99996904312877
r1= : 4.5393957359725E-12
rpunto1: = 1668009.6918796
rduepunti0 : = -1.0623749347521E+25
fil : = 488.30742409026
fipunto1 : = 6.053448591468E+17
fi_gradi : = 27977.954505277
t1 : = 1.0809289552443E-14
tpunto1 : = 1.0003898575955
tduepunti0 : = -4.5732978506105E+14
v=v_elettrone : = 3215329.7139557
x0= : -9.4759313928112E-13
y0= : -4.4391895195572E-12
*****
i=32800
k(32800)=0.99998454455808
kQ(32800)=0.99996908935503
r1= : 4.5395913579696E-12
rpunto1: = 1666763.8514503
rduepunti0 : = -1.0622905097935E+25
fil : = 488.30749508431
fipunto1 : = 6.0529268534342E+17
fi_gradi : = 27977.958572936
t1 : = 1.0809289669767E-14
tpunto1 : = 1.0003898040051
tduepunti0 : = -4.5694897800759E+14
v=v_elettrone : = 3214581.6904118
x0= : -9.4731880816278E-13
y0= : -4.4394482453866E-12
```



```
*****
i=32801
k(32801)=0.99998456765246
kQ(32801)=0.99996913554307
r1= : 4.5397868338562E-12
rpunto1 : = 1665518.1099479
rduepunti0 : = -1.0622061578287E+25
fil : = 488.30756607225
fipunto1 : = 6.0524055724863E+17
fi_gradi : = 27977.962640245
t1 : = 1.0809289787092E-14
tpunto1 : = 1.0003897504594
tduepunti0 : = -4.5656829154416E+14
v=v_elettrone : = 3213834.1133796
x0= : -9.4704444178772E-13
y0= : -4.4397068059312E-12
*****
i=32802
k(32802)=0.99998459072774
kQ(32802)=0.99996918169292
r1= : 4.5399821636439E-12
rpunto1 : = 1664272.4672868
rduepunti0 : = -1.0621218788288E+25
fil : = 488.30763705407
fipunto1 : = 6.0518847484306E+17
fi_gradi : = 27977.966707204
t1 : = 1.0809289904416E-14
tpunto1 : = 1.0003896969583
tduepunti0 : = -4.5618772554822E+14
v=v_elettrone : = 3213086.986815
x0= : -9.4677004017104E-13
y0= : -4.4399652012025E-12
*****
i=32803
k(32803)=0.99998461378393
kQ(32803)=0.99996922780459
r1= : 4.5401773473442E-12
rpunto1 : = 1663026.9233815
rduepunti0 : = -1.062037672765E+25
fil : = 488.30770802978
fipunto1 : = 6.0513643810739E+17
fi_gradi : = 27977.970773813
t1 : = 1.080929002174E-14
tpunto1 : = 1.0003896435018
tduepunti0 : = -4.5580727989735E+14
v=v_elettrone : = 3212340.3090279
x0= : -9.4649560332733E-13
y0= : -4.4402234312123E-12
*****
i=32804
k(32804)=0.99998463682103
kQ(32804)=0.99996927387809
r1= : 4.5403723849688E-12
rpunto1 : = 1661781.4781465
rduepunti0 : = -1.0619535396083E+25
fil : = 488.30777899939
fipunto1 : = 6.0508444702229E+17
fi_gradi : = 27977.974840072
t1 : = 1.0809290139065E-14
tpunto1 : = 1.00038959009
tduepunti0 : = -4.5542695446922E+14
v=v_elettrone : = 3211594.0820882
x0= : -9.4622113127141E-13
y0= : -4.4404814959724E-12
```

```
*****
i=32805
k(32805)=0.99998465983905
kQ(32805)=0.99996931991343
r1= : 4.5405672765291E-12
rpunto1 : = 1660536.1314962
rduepunti0 : = -1.0618694793301E+25
fil : = 488.30784996291
fipunto1 : = 6.0503250156847E+17
fi_gradi : = 27977.978905982
t1 : = 1.0809290256389E-14
tpunto1 : = 1.0003895367227
tduepunti0 : = -4.5504674914157E+14
v=v_elettrone : = 3210848.3024319
x0= : -9.4594662401785E-13
y0= : -4.4407393954944E-12
*****
i=32806
k(32806)=0.999984682838
kQ(32806)=0.99996936591062
r1= : 4.5407620220368E-12
rpunto1 : = 1659290.8833454
rduepunti0 : = -1.0617854919014E+25
fil : = 488.30792092033
fipunto1 : = 6.0498060172665E+17
fi_gradi : = 27977.982971543
t1 : = 1.0809290373714E-14
tpunto1 : = 1.0003894834
tduepunti0 : = -4.5466666379224E+14
v=v_elettrone : = 3210102.9740073
x0= : -9.4567208158168E-13
y0= : -4.4409971297901E-12
*****
i=32807
k(32807)=0.99998470581788
kQ(32807)=0.99996941186967
r1= : 4.5409566215035E-12
rpunto1 : = 1658045.7336084
rduepunti0 : = -1.0617015772936E+25
fil : = 488.30799187166
fipunto1 : = 6.0492874747758E+17
fi_gradi : = 27977.987036755
t1 : = 1.0809290491038E-14
tpunto1 : = 1.0003894301218
tduepunti0 : = -4.5428669829916E+14
v=v_elettrone : = 3209358.0951186
x0= : -9.4539750397744E-13
y0= : -4.4412546988712E-12
*****
i=32808
k(32808)=0.99998472877869
kQ(32808)=0.99996945779059
r1= : 4.5411510749406E-12
rpunto1 : = 1656800.6822001
rduepunti0 : = -1.0616177354778E+25
fil : = 488.30806281692
fipunto1 : = 6.0487693880202E+17
fi_gradi : = 27977.991101618
t1 : = 1.0809290608362E-14
tpunto1 : = 1.0003893768882
tduepunti0 : = -4.5390685254035E+14
v=v_elettrone : = 3208613.6659789
x0= : -9.4512289121988E-13
y0= : -4.4415121027493E-12
```

```
*****
i=32809
k(32809)=0.99998475172044
kQ(32809)=0.9999695036734
r1= : 4.5413453823597E-12
rpunto1: = 1655555.729035
rduepunti0 : = -1.0615339664254E+25
fil : = 488.30813375609
fipunto1 : = 6.0482517568077E+17
fi_gradi : = 27977.995166134
t1 : = 1.0809290725687E-14
tpunto1 : = 1.0003893236991
tduepunti0 : = -4.535271263939E+14
v=v_elettrone : = 3207869.6867537
x0= : -9.4484824332375E-13
y0= : -4.4417693414362E-12
*****
i=32810
k(32810)=0.99998477464315
kQ(32810)=0.9999695495181
r1= : 4.5415395437724E-12
rpunto1: = 1654310.8740278
rduepunti0 : = -1.0614502701077E+25
fil : = 488.3082046892
fipunto1 : = 6.0477345809462E+17
fi_gradi : = 27977.999230302
t1 : = 1.0809290843011E-14
tpunto1 : = 1.0003892705546
tduepunti0 : = -4.5314751973802E+14
v=v_elettrone : = 3207126.1576568
x0= : -9.4457356030379E-13
y0= : -4.4420264149434E-12
*****
i=32811
k(32811)=0.9999847975468
kQ(32811)=0.99996959532472
r1= : 4.5417335591901E-12
rpunto1: = 1653066.1170934
rduepunti0 : = -1.0613666464961E+25
fil : = 488.30827561624
fipunto1 : = 6.0472178602442E+17
fi_gradi : = 27978.003294122
t1 : = 1.0809290960335E-14
tpunto1 : = 1.0003892174545
tduepunti0 : = -4.5276803245098E+14
v=v_elettrone : = 3206383.0788609
x0= : -9.4429884217471E-13
y0= : -4.4422833232827E-12
*****
i=32812
k(32812)=0.99998482043141
kQ(32812)=0.99996964109325
r1= : 4.5419274286243E-12
rpunto1: = 1651821.4581463
rduepunti0 : = -1.0612830955619E+25
fil : = 488.30834653722
fipunto1 : = 6.0467015945101E+17
fi_gradi : = 27978.007357594
t1 : = 1.080929107766E-14
tpunto1 : = 1.000389164399
tduepunti0 : = -4.5238866441115E+14
v=v_elettrone : = 3205640.4486824
x0= : -9.440240889512E-13
y0= : -4.4425400664657E-12
```

```
*****
i=32813
k(32813)=0.99998484329699
kQ(32813)=0.99996968682371
r1= : 4.5421211520865E-12
rpunto1 : = 1650576.8971016
rduepunti0 : = -1.0611996172766E+25
fil : = 488.30841745215
fipunto1 : = 6.0461857835526E+17
fi_gradi : = 27978.01142072
t1 : = 1.0809291194984E-14
tpunto1 : = 1.0003891113879
tduepunti0 : = -4.5200941549699E+14
v=v_elettrone : = 3204898.271093
x0= : -9.4374930064822E-13
y0= : -4.4427966445039E-12
*****
i=32814
k(32814)=0.99998486614354
kQ(32814)=0.99996973251611
r1= : 4.5423147295882E-12
rpunto1 : = 1649332.4338738
rduepunti0 : = -1.0611162116117E+25
fil : = 488.30848836102
fipunto1 : = 6.0456704271806E+17
fi_gradi : = 27978.0154835
t1 : = 1.0809291312308E-14
tpunto1 : = 1.0003890584213
tduepunti0 : = -4.5163028558706E+14
v=v_elettrone : = 3204156.5424984
x0= : -9.4347447728018E-13
y0= : -4.4430530574091E-12
*****
i=32815
k(32815)=0.99998488897106
kQ(32815)=0.99996977817047
r1= : 4.5425081611409E-12
rpunto1 : = 1648088.0683781
rduepunti0 : = -1.0610328785385E+25
fil : = 488.30855926386
fipunto1 : = 6.0451555252033E+17
fi_gradi : = 27978.019545933
t1 : = 1.0809291429633E-14
tpunto1 : = 1.0003890054991
tduepunti0 : = -4.5125127455997E+14
v=v_elettrone : = 3203415.2668702
x0= : -9.4319961886197E-13
y0= : -4.4433093051928E-12
*****
i=32816
k(32816)=0.99998491177957
kQ(32816)=0.99996982378679
r1= : 4.5427014467561E-12
rpunto1 : = 1646843.8005291
rduepunti0 : = -1.0609496180286E+25
fil : = 488.30863016065
fipunto1 : = 6.0446410774299E+17
fi_gradi : = 27978.02360802
t1 : = 1.0809291546957E-14
tpunto1 : = 1.0003889526214
tduepunti0 : = -4.5087238229446E+14
v=v_elettrone : = 3202674.4406218
x0= : -9.42924725408E-13
y0= : -4.4435653878666E-12
```

```
*****
i=32817
k(32817)=0.99998493456906
kQ(32817)=0.99996986936508
r1= : 4.5428945864451E-12
rpunto1: = 1645599.630242
rduepunti0 : = -1.0608664300536E+25
fil : = 488.30870105141
fipunto1 : = 6.0441270836702E+17
fi_gradi : = 27978.027669761
t1 : = 1.0809291664281E-14
tpunto1 : = 1.0003888997881
tduepunti0 : = -4.5049360866933E+14
v=v_elettrone : = 3201934.0639593
x0= : -9.4264979693313E-13
y0= : -4.4438213054422E-12
*****
i=32818
k(32818)=0.99998495733954
kQ(32818)=0.99996991490536
r1= : 4.5430875802195E-12
rpunto1: = 1644355.5574316
rduepunti0 : = -1.060783314585E+25
fil : = 488.30877193615
fipunto1 : = 6.0436135437337E+17
fi_gradi : = 27978.031731157
t1 : = 1.0809291781606E-14
tpunto1 : = 1.0003888469992
tduepunti0 : = -4.5011495356348E+14
v=v_elettrone : = 3201194.1408332
x0= : -9.4237483345223E-13
y0= : -4.444077057931E-12
*****
i=32819
k(32819)=0.99998498009102
kQ(32819)=0.99996996040764
r1= : 4.5432804280907E-12
rpunto1: = 1643111.5820129
rduepunti0 : = -1.0607002715945E+25
fil : = 488.30884281486
fipunto1 : = 6.0431004574304E+17
fi_gradi : = 27978.035792208
t1 : = 1.080929189893E-14
tpunto1 : = 1.0003887942547
tduepunti0 : = -4.4973641685589E+14
v=v_elettrone : = 3200454.6676697
x0= : -9.4209983497963E-13
y0= : -4.4443326453447E-12
*****
i=32820
k(32820)=0.99998500282351
kQ(32820)=0.99997000587193
r1= : 4.54347313007E-12
rpunto1: = 1641867.7039009
rduepunti0 : = -1.0606173010535E+25
fil : = 488.30891368755
fipunto1 : = 6.0425878245706E+17
fi_gradi : = 27978.039852915
t1 : = 1.0809292016254E-14
tpunto1 : = 1.0003887415546
tduepunti0 : = -4.4935799842564E+14
v=v_elettrone : = 3199715.6446581
x0= : -9.4182480153017E-13
y0= : -4.4445880676947E-12
```

```
*****
i=32821
k(32821)=0.999985025537
kQ(32821)=0.99997005129823
r1= : 4.5436656861689E-12
rpunto1 : = 1640623.9230108
rduepunti0 : = -1.0605344029339E+25
fil : = 488.30898455423
fipunto1 : = 6.0420756449645E+17
fi_gradi : = 27978.043913276
t1 : = 1.0809292133579E-14
tpunto1 : = 1.0003886888989
tduepunti0 : = -4.4897969815189E+14
v=v_elettrone : = 3198977.0757767
x0= : -9.4154973311866E-13
y0= : -4.4448433249927E-12
*****
i=32822
k(32822)=0.99998504823151
kQ(32822)=0.99997009668657
r1= : 4.5438580963989E-12
rpunto1 : = 1639380.2392577
rduepunti0 : = -1.0604515772074E+25
fil : = 488.3090554149
fipunto1 : = 6.0415639184228E+17
fi_gradi : = 27978.047973294
t1 : = 1.0809292250903E-14
tpunto1 : = 1.0003886362875
tduepunti0 : = -4.4860151591388E+14
v=v_elettrone : = 3198238.9555241
x0= : -9.4127462975939E-13
y0= : -4.4450984172502E-12
*****
i=32823
k(32823)=0.99998507090704
kQ(32823)=0.99997014203695
r1= : 4.5440503607712E-12
rpunto1 : = 1638136.6525566
rduepunti0 : = -1.0603688238455E+25
fil : = 488.30912626957
fipunto1 : = 6.0410526447562E+17
fi_gradi : = 27978.052032967
t1 : = 1.0809292368227E-14
tpunto1 : = 1.0003885837204
tduepunti0 : = -4.4822345159095E+14
v=v_elettrone : = 3197501.2898034
x0= : -9.4099949146741E-13
y0= : -4.4453533444787E-12
*****
i=32824
k(32824)=0.99998509356359
kQ(32824)=0.99997018734938
r1= : 4.5442424792973E-12
rpunto1 : = 1636893.1628227
rduepunti0 : = -1.0602861428201E+25
fil : = 488.30919711825
fipunto1 : = 6.0405418237757E+17
fi_gradi : = 27978.056092298
t1 : = 1.0809292485551E-14
tpunto1 : = 1.0003885311977
tduepunti0 : = -4.4784550506251E+14
v=v_elettrone : = 3196764.0731015
x0= : -9.4072431825697E-13
y0= : -4.4456081066897E-12
```

```
*****
i=32825
k(32825)=0.99998511620118
kQ(32825)=0.99997023262388
r1= : 4.5444344519886E-12
rpunto1 : = 1635649.7699713
rduepunti0 : = -1.060203534103E+25
fil : = 488.30926796094
fipunto1 : = 6.0400314552926E+17
fi_gradi : = 27978.060151284
t1 : = 1.0809292602876E-14
tpunto1 : = 1.0003884787192
tduepunti0 : = -4.4746767620808E+14
v=v_elettrone : = 3196027.3093998
x0= : -9.4044911014308E-13
y0= : -4.4458627038946E-12
*****
i=32826
k(32826)=0.9999851388198
kQ(32826)=0.99997027786045
r1= : 4.5446262788564E-12
rpunto1 : = 1634406.4739175
rduepunti0 : = -1.060120997666E+25
fil : = 488.30933879763
fipunto1 : = 6.0395215391182E+17
fi_gradi : = 27978.064209928
t1 : = 1.08092927202E-14
tpunto1 : = 1.0003884262851
tduepunti0 : = -4.4708996490724E+14
v=v_elettrone : = 3195290.9970165
x0= : -9.4017386714023E-13
y0= : -4.4461171361051E-12
*****
i=32827
k(32827)=0.99998516141947
kQ(32827)=0.99997032305911
r1= : 4.544817959912E-12
rpunto1 : = 1633163.2745766
rduepunti0 : = -1.0600385334808E+25
fil : = 488.30940962835
fipunto1 : = 6.0390120750641E+17
fi_gradi : = 27978.06826823
t1 : = 1.0809292837524E-14
tpunto1 : = 1.0003883738953
tduepunti0 : = -4.4671237103969E+14
v=v_elettrone : = 3194555.1380178
x0= : -9.3989858926314E-13
y0= : -4.4463714033325E-12
*****
i=32828
k(32828)=0.99998518400018
kQ(32828)=0.99997036821987
r1= : 4.5450094951668E-12
rpunto1 : = 1631920.1718639
rduepunti0 : = -1.0599561415195E+25
fil : = 488.3094804531
fipunto1 : = 6.0385030629422E+17
fi_gradi : = 27978.072326189
t1 : = 1.0809292954848E-14
tpunto1 : = 1.0003883215497
tduepunti0 : = -4.4633489448518E+14
v=v_elettrone : = 3193819.7307181
x0= : -9.3962327652627E-13
y0= : -4.4466255055883E-12
```

```
*****
i=32829
k(32829)=0.99998520656195
kQ(32829)=0.99997041334274
r1= : 4.5452008846322E-12
rpunto1 : = 1630677.1656948
rduepunti0 : = -1.0598738217539E+25
fil : = 488.30955127187
fipunto1 : = 6.0379945025644E+17
fi_gradi : = 27978.076383805
t1 : = 1.0809293072173E-14
tpunto1 : = 1.0003882692484
tduepunti0 : = -4.4595753512357E+14
v=v_elettrone : = 3193084.7752906
x0= : -9.393479289443E-13
y0= : -4.446879442884E-12
*****
i=32830
k(32830)=0.99998522910477
kQ(32830)=0.99997045842773
r1= : 4.5453921283194E-12
rpunto1 : = 1629434.2559846
rduepunti0 : = -1.0597915741558E+25
fil : = 488.30962208468
fipunto1 : = 6.037486393743E+17
fi_gradi : = 27978.080441081
t1 : = 1.0809293189497E-14
tpunto1 : = 1.0003882169913
tduepunti0 : = -4.455802928348E+14
v=v_elettrone : = 3192350.2738487
x0= : -9.3907254653192E-13
y0= : -4.4471332152311E-12
*****
i=32831
k(32831)=0.99998525162866
kQ(32831)=0.99997050347484
r1= : 4.5455832262399E-12
rpunto1 : = 1628191.4426487
rduepunti0 : = -1.0597093986974E+25
fil : = 488.30969289154
fipunto1 : = 6.0369787362905E+17
fi_gradi : = 27978.084498014
t1 : = 1.0809293306821E-14
tpunto1 : = 1.0003881647785
tduepunti0 : = -4.452031674989E+14
v=v_elettrone : = 3191616.2227711
x0= : -9.3879712930354E-13
y0= : -4.4473868226409E-12
*****
i=32832
k(32832)=0.99998527413363
kQ(32832)=0.9999705484841
r1= : 4.5457741784047E-12
rpunto1 : = 1626948.7256025
rduepunti0 : = -1.0596272953506E+25
fil : = 488.30976369243
fipunto1 : = 6.0364715300194E+17
fi_gradi : = 27978.088554607
t1 : = 1.0809293424145E-14
tpunto1 : = 1.0003881126098
tduepunti0 : = -4.4482615899598E+14
v=v_elettrone : = 3190882.6260579
x0= : -9.3852167727404E-13
y0= : -4.4476402651249E-12
```



```
*****
i=32833
k(32833)=0.99998529661966
kQ(32833)=0.99997059345552
r1= : 4.5459649848254E-12
rpunto1 : = 1625706.1047615
rduepunti0 : = -1.0595452640873E+25
fil : = 488.30983448738
fipunto1 : = 6.0359647747426E+17
fi_gradi : = 27978.092610859
t1 : = 1.0809293541469E-14
tpunto1 : = 1.0003880604854
tduepunti0 : = -4.4444926720623E+14
v=v_elettrone : = 3190149.4820023
x0= : -9.3824619045783E-13
y0= : -4.4478935426944E-12
*****
i=32834
k(32834)=0.99998531908678
kQ(32834)=0.99997063838909
r1= : 4.5461556455131E-12
rpunto1 : = 1624463.5800412
rduepunti0 : = -1.0594633048797E+25
fil : = 488.30990527639
fipunto1 : = 6.0354584702731E+17
fi_gradi : = 27978.09666677
t1 : = 1.0809293658794E-14
tpunto1 : = 1.0003880084052
tduepunti0 : = -4.4407249200994E+14
v=v_elettrone : = 3189416.790792
x0= : -9.379706688695E-13
y0= : -4.448146655361E-12
*****
i=32835
k(32835)=0.99998534153499
kQ(32835)=0.99997068328485
r1= : 4.5463461604791E-12
rpunto1 : = 1623221.1513572
rduepunti0 : = -1.0593814176999E+25
fil : = 488.30997605946
fipunto1 : = 6.0349526164242E+17
fi_gradi : = 27978.100722341
t1 : = 1.0809293776118E-14
tpunto1 : = 1.0003879563691
tduepunti0 : = -4.4369583328749E+14
v=v_elettrone : = 3188684.5507325
x0= : -9.3769511252366E-13
y0= : -4.4483996031359E-12
*****
i=32836
k(32836)=0.99998536396429
kQ(32836)=0.99997072814278
r1= : 4.5465365297348E-12
rpunto1 : = 1621978.8186249
rduepunti0 : = -1.0592996025199E+25
fil : = 488.31004683659
fipunto1 : = 6.0344472130094E+17
fi_gradi : = 27978.104777572
t1 : = 1.0809293893442E-14
tpunto1 : = 1.0003879043772
tduepunti0 : = -4.4331929091932E+14
v=v_elettrone : = 3187952.7658059
x0= : -9.3741952143516E-13
y0= : -4.4486523860306E-12
```

```
*****
i=32837
k(32837)=0.99998538637468
kQ(32837)=0.99997077296292
r1= : 4.5467267532912E-12
rpunto1: = 1620736.5817599
rduepunti0 : = -1.0592178593118E+25
fil : = 488.3101176078
fipunto1 : = 6.0339422598422E+17
fi_gradi : = 27978.108832464
t1 : = 1.0809294010766E-14
tpunto1 : = 1.0003878524294
tduepunti0 : = -4.4294286478597E+14
v=v_elettrone : = 3187221.4343042
x0= : -9.3714389561831E-13
y0= : -4.4489050040564E-12
*****
i=32838
k(32838)=0.99998540876618
kQ(32838)=0.99997081774526
r1= : 4.5469168311598E-12
rpunto1: = 1619494.440678
rduepunti0 : = -1.059136188048E+25
fil : = 488.31018837309
fipunto1 : = 6.0334377567366E+17
fi_gradi : = 27978.112887016
t1 : = 1.080929412809E-14
tpunto1 : = 1.0003878005258
tduepunti0 : = -4.4256655476808E+14
v=v_elettrone : = 3186490.5564307
x0= : -9.3686823508766E-13
y0= : -4.4491574572247E-12
*****
i=32839
k(32839)=0.99998543113879
kQ(32839)=0.99997086248983
r1= : 4.5471067633516E-12
rpunto1: = 1618252.3952947
rduepunti0 : = -1.0590545887005E+25
fil : = 488.31025913246
fipunto1 : = 6.0329337035067E+17
fi_gradi : = 27978.116941229
t1 : = 1.0809294245415E-14
tpunto1 : = 1.0003877486663
tduepunti0 : = -4.4219036074635E+14
v=v_elettrone : = 3185760.1304744
x0= : -9.3659253985777E-13
y0= : -4.4494097455468E-12
*****
i=32840
k(32840)=0.99998545349251
kQ(32840)=0.99997090719662
r1= : 4.547296549878E-12
rpunto1: = 1617010.4455257
rduepunti0 : = -1.0589730612416E+25
fil : = 488.31032988592
fipunto1 : = 6.0324300999666E+17
fi_gradi : = 27978.120995104
t1 : = 1.0809294362739E-14
tpunto1 : = 1.0003876968509
tduepunti0 : = -4.4181428260159E+14
v=v_elettrone : = 3185030.1585343
x0= : -9.3631680994339E-13
y0= : -4.449661869034E-12
```

```
*****
i=32841
k(32841)=0.99998547582735
kQ(32841)=0.99997095186566
r1= : 4.5474861907502E-12
rpunto1 : = 1615768.5912868
rduepunti0 : = -1.0588916056435E+25
fil : = 488.31040063347
fipunto1 : = 6.0319269459308E+17
fi_gradi : = 27978.12504864
t1 : = 1.0809294480063E-14
tpunto1 : = 1.0003876450796
tduepunti0 : = -4.4143832021466E+14
v=v_elettrone : = 3184300.6426837
x0= : -9.3604104535906E-13
y0= : -4.4499138276978E-12
*****
i=32842
k(32842)=0.99998549814332
kQ(32842)=0.99997099649694
r1= : 4.5476756859793E-12
rpunto1 : = 1614526.8324937
rduepunti0 : = -1.0588102218786E+25
fil : = 488.31047137512
fipunto1 : = 6.0314242412141E+17
fi_gradi : = 27978.129101838
t1 : = 1.0809294597387E-14
tpunto1 : = 1.0003875933523
tduepunti0 : = -4.4106247346655E+14
v=v_elettrone : = 3183571.5774455
x0= : -9.3576524611901E-13
y0= : -4.4501656215493E-12
*****
i=32843
k(32843)=0.99998552044042
kQ(32843)=0.99997104109049
r1= : 4.5478650355766E-12
rpunto1 : = 1613285.1690623
rduepunti0 : = -1.0587289099192E+25
fil : = 488.31054211087
fipunto1 : = 6.0309219856313E+17
fi_gradi : = 27978.133154698
t1 : = 1.0809294714711E-14
tpunto1 : = 1.0003875416692
tduepunti0 : = -4.406867422383E+14
v=v_elettrone : = 3182842.9686834
x0= : -9.3548941223823E-13
y0= : -4.4504172505999E-12
*****
i=32844
k(32844)=0.99998554271865
kQ(32844)=0.99997108564632
r1= : 4.5480542395532E-12
rpunto1 : = 1612043.6009082
rduepunti0 : = -1.0586476697376E+25
fil : = 488.31061284074
fipunto1 : = 6.0304201789975E+17
fi_gradi : = 27978.137207221
t1 : = 1.0809294832035E-14
tpunto1 : = 1.0003874900301
tduepunti0 : = -4.4031112641104E+14
v=v_elettrone : = 3182114.8128164
x0= : -9.3521354373093E-13
y0= : -4.4506687148609E-12
```

```
*****
i=32845
k(32845)=0.99998556497803
kQ(32845)=0.99997113016442
r1= : 4.5482432979203E-12
rpunto1 : = 1610802.1279474
rduepunti0 : = -1.0585665013062E+25
fil : = 488.31068356472
fipunto1 : = 6.029918821128E+17
fi_gradi : = 27978.141259407
t1 : = 1.080929494936E-14
tpunto1 : = 1.000387438435
tduepunti0 : = -4.3993562586601E+14
v=v_elettrone : = 3181387.1119269
x0= : -9.3493764061182E-13
y0= : -4.4509200143436E-12
*****
i=32846
k(32846)=0.99998558721855
kQ(32846)=0.99997117464483
r1= : 4.548432210689E-12
rpunto1 : = 1609560.7500958
rduepunti0 : = -1.0584854045973E+25
fil : = 488.31075428282
fipunto1 : = 6.0294179118383E+17
fi_gradi : = 27978.145311255
t1 : = 1.0809295066684E-14
tpunto1 : = 1.0003873868839
tduepunti0 : = -4.395602404845E+14
v=v_elettrone : = 3180659.8643087
x0= : -9.3466170289533E-13
y0= : -4.4511711490592E-12
*****
i=32847
k(32847)=0.99998560944023
kQ(32847)=0.99997121908754
r1= : 4.5486209778707E-12
rpunto1 : = 1608319.4672693
rduepunti0 : = -1.0584043795836E+25
fil : = 488.31082499504
fipunto1 : = 6.0289174509439E+17
fi_gradi : = 27978.149362767
t1 : = 1.0809295184008E-14
tpunto1 : = 1.0003873353769
tduepunti0 : = -4.391849701479E+14
v=v_elettrone : = 3179933.0720622
x0= : -9.3438573059614E-13
y0= : -4.451422119019E-12
*****
i=32848
k(32848)=0.99998563164306
kQ(32848)=0.99997126349257
r1= : 4.5488095994762E-12
rpunto1 : = 1607078.2793837
rduepunti0 : = -1.0583234262373E+25
fil : = 488.3108957014
fipunto1 : = 6.0284174382609E+17
fi_gradi : = 27978.153413943
t1 : = 1.0809295301332E-14
tpunto1 : = 1.0003872839139
tduepunti0 : = -4.388098147377E+14
v=v_elettrone : = 3179206.7353646
x0= : -9.3410972372865E-13
y0= : -4.4516729242343E-12
```

```
*****
i=32849
k(32849)=0.99998565382706
kQ(32849)=0.99997130785992
r1= : 4.5489980755169E-12
rpunto1 : = 1605837.1863552
rduepunti0 : = -1.058242544531E+25
fil : = 488.31096640189
fipunto1 : = 6.0279178736054E+17
fi_gradi : = 27978.157464783
t1 : = 1.0809295418656E-14
tpunto1 : = 1.0003872324948
tduepunti0 : = -4.3843477413544E+14
v=v_elettrone : = 3178480.852535
x0= : -9.3383368230725E-13
y0= : -4.4519235647162E-12
*****
i=32850
k(32850)=0.99998567599222
kQ(32850)=0.99997135218962
r1= : 4.5491864060038E-12
rpunto1 : = 1604596.1880998
rduepunti0 : = -1.0581617344373E+25
fil : = 488.31103709653
fipunto1 : = 6.0274187567936E+17
fi_gradi : = 27978.161515287
t1 : = 1.080929553598E-14
tpunto1 : = 1.0003871811197
tduepunti0 : = -4.3805984822277E+14
v=v_elettrone : = 3177755.4237376
x0= : -9.3355760634658E-13
y0= : -4.4521740404761E-12
*****
i=32851
k(32851)=0.99998569813856
kQ(32851)=0.99997139648167
r1= : 4.5493745909481E-12
rpunto1 : = 1603355.2845333
rduepunti0 : = -1.0580809959287E+25
fil : = 488.31110778531
fipunto1 : = 6.0269200876419E+17
fi_gradi : = 27978.165565456
t1 : = 1.0809295653304E-14
tpunto1 : = 1.0003871297886
tduepunti0 : = -4.3768503688142E+14
v=v_elettrone : = 3177030.4510952
x0= : -9.3328149586125E-13
y0= : -4.452424351525E-12
*****
i=32852
k(32852)=0.99998572026608
kQ(32852)=0.99997144073607
r1= : 4.5495626303608E-12
rpunto1 : = 1602114.4755721
rduepunti0 : = -1.0580003289778E+25
fil : = 488.31117846824
fipunto1 : = 6.0264218659672E+17
fi_gradi : = 27978.16961529
t1 : = 1.0809295770628E-14
tpunto1 : = 1.0003870785014
tduepunti0 : = -4.3731033999321E+14
v=v_elettrone : = 3176305.9328868
x0= : -9.330053508656E-13
y0= : -4.4526744978743E-12
```

```
*****
i=32853
k(32853)=0.99998574237479
kQ(32853)=0.99997148495285
r1= : 4.5497505242531E-12
rpunto1: = 1600873.7611321
rduepunti0 : = -1.0579197335571E+25
fil : = 488.31124914532
fipunto1 : = 6.0259240915864E+17
fi_gradi : = 27978.173664788
t1 : = 1.0809295887952E-14
tpunto1 : = 1.0003870272581
tduepunti0 : = -4.3693575744001E+14
v=v_elettrone : = 3175581.8712007
x0= : -9.3272917137423E-13
y0= : -4.4529244795351E-12
*****
i=32854
k(32854)=0.99998576446468
kQ(32854)=0.99997152913201
r1= : 4.549938272636E-12
rpunto1: = 1599633.1411294
rduepunti0 : = -1.0578392096394E+25
fil : = 488.31131981658
fipunto1 : = 6.0254267643164E+17
fi_gradi : = 27978.177713953
t1 : = 1.0809296005276E-14
tpunto1 : = 1.0003869760588
tduepunti0 : = -4.3656128910382E+14
v=v_elettrone : = 3174858.2624391
x0= : -9.3245295740144E-13
y0= : -4.4531742965187E-12
*****
i=32855
k(32855)=0.99998578653577
kQ(32855)=0.99997157327357
r1= : 4.5501258755206E-12
rpunto1: = 1598392.6154804
rduepunti0 : = -1.0577587571973E+25
fil : = 488.31139048199
fipunto1 : = 6.0249298839746E+17
fi_gradi : = 27978.181762783
t1 : = 1.0809296122601E-14
tpunto1 : = 1.0003869249034
tduepunti0 : = -4.3618693486668E+14
v=v_elettrone : = 3174135.1106025
x0= : -9.3217670896205E-13
y0= : -4.453423948836E-12
*****
i=32856
k(32856)=0.99998580858807
kQ(32856)=0.99997161737753
r1= : 4.550313332918E-12
rpunto1: = 1597152.1841011
rduepunti0 : = -1.0576783762036E+25
fil : = 488.31146114158
fipunto1 : = 6.0244334503786E+17
fi_gradi : = 27978.185811279
t1 : = 1.0809296239925E-14
tpunto1 : = 1.0003868737918
tduepunti0 : = -4.3581269461076E+14
v=v_elettrone : = 3173412.4158737
x0= : -9.3190042607034E-13
y0= : -4.4536734364984E-12
```

```
*****
i=32857
k(32857)=0.99998583062157
kQ(32857)=0.9999716614439
r1= : 4.5505006448392E-12
rpunto1: = 1595911.8469079
rduepunti0 : = -1.0575980666309E+25
fil : = 488.31153179535
fipunto1 : = 6.023937463346E+17
fi_gradi : = 27978.189859442
t1 : = 1.0809296357249E-14
tpunto1 : = 1.0003868227242
tduepunti0 : = -4.3543856821828E+14
v=v_elettrone : = 3172690.1746517
x0= : -9.3162410874059E-13
y0= : -4.4539227595171E-12
*****
i=32858
k(32858)=0.99998585263628
kQ(32858)=0.9999717054727
r1= : 4.5506878112952E-12
rpunto1: = 1594671.6038169
rduepunti0 : = -1.057517828452E+25
fil : = 488.3116024433
fipunto1 : = 6.0234419226947E+17
fi_gradi : = 27978.193907271
t1 : = 1.0809296474573E-14
tpunto1 : = 1.0003867717004
tduepunti0 : = -4.3506455557154E+14
v=v_elettrone : = 3171968.3890295
x0= : -9.3134775698756E-13
y0= : -4.454171917903E-12
*****
i=32859
k(32859)=0.99998587463221
kQ(32859)=0.99997174946394
r1= : 4.5508748322972E-12
rpunto1: = 1593431.4547446
rduepunti0 : = -1.0574376616397E+25
fil : = 488.31167308544
fipunto1 : = 6.0229468282428E+17
fi_gradi : = 27978.197954768
t1 : = 1.0809296591897E-14
tpunto1 : = 1.0003867207204
tduepunti0 : = -4.3469065655295E+14
v=v_elettrone : = 3171247.0610998
x0= : -9.3107137082575E-13
y0= : -4.4544209116674E-12
*****
i=32860
k(32860)=0.99998589660936
kQ(32860)=0.99997179341762
r1= : 4.5510617078562E-12
rpunto1: = 1592191.3996071
rduepunti0 : = -1.0573575661669E+25
fil : = 488.31174372178
fipunto1 : = 6.0224521798086E+17
fi_gradi : = 27978.202001932
t1 : = 1.0809296709221E-14
tpunto1 : = 1.0003866697843
tduepunti0 : = -4.3431687104498E+14
v=v_elettrone : = 3170526.1891625
x0= : -9.3079495026938E-13
y0= : -4.4546697408213E-12
```

```
*****
i=32861
k(32861)=0.99998591856774
kQ(32861)=0.99997183733376
r1= : 4.551248437983E-12
rpunto1 : = 1590951.438321
rduepunti0 : = -1.0572775420063E+25
fil : = 488.31181435231
fipunto1 : = 6.0219579772107E+17
fi_gradi : = 27978.206048763
t1 : = 1.0809296826545E-14
tpunto1 : = 1.000386618892
tduepunti0 : = -4.3394319893019E+14
v=v_elettrone : = 3169805.7715052
x0= : -9.3051849533292E-13
y0= : -4.454918405376E-12
*****
i=32862
k(32862)=0.99998594050735
kQ(32862)=0.99997188121237
r1= : 4.5514350226889E-12
rpunto1 : = 1589711.5708025
rduepunti0 : = -1.0571975891309E+25
fil : = 488.31188497704
fipunto1 : = 6.0214642202677E+17
fi_gradi : = 27978.210095262
t1 : = 1.0809296943869E-14
tpunto1 : = 1.0003865680435
tduepunti0 : = -4.3356964009123E+14
v=v_elettrone : = 3169085.8121249
x0= : -9.3024200603108E-13
y0= : -4.4551669053424E-12
*****
i=32863
k(32863)=0.9999859624282
kQ(32863)=0.99997192505346
r1= : 4.5516214619847E-12
rpunto1 : = 1588471.7969681
rduepunti0 : = -1.0571177075136E+25
fil : = 488.31195559599
fipunto1 : = 6.0209709087986E+17
fi_gradi : = 27978.21414143
t1 : = 1.0809297061193E-14
tpunto1 : = 1.0003865172388
tduepunti0 : = -4.3319619441082E+14
v=v_elettrone : = 3168366.3093227
x0= : -9.2996548237803E-13
y0= : -4.4554152407317E-12
*****
i=32864
k(32864)=0.9999859843303
kQ(32864)=0.99997196885704
r1= : 4.5518077558814E-12
rpunto1 : = 1587232.1167344
rduepunti0 : = -1.0570378971272E+25
fil : = 488.31202620915
fipunto1 : = 6.0204780426223E+17
fi_gradi : = 27978.218187266
t1 : = 1.0809297178517E-14
tpunto1 : = 1.0003864664779
tduepunti0 : = -4.3282286177178E+14
v=v_elettrone : = 3167647.2613776
x0= : -9.2968892438822E-13
y0= : -4.4556634115549E-12
```



```
*****
i=32865
k(32865)=0.99998600621365
kQ(32865)=0.99997201262312
r1= : 4.5519939043901E-12
rpunto1 : = 1585992.5300177
rduepunti0 : = -1.0569581579449E+25
fil : = 488.31209681653
fipunto1 : = 6.0199856215584E+17
fi_gradi : = 27978.222232771
t1 : = 1.0809297295841E-14
tpunto1 : = 1.0003864157608
tduepunti0 : = -4.3244964205699E+14
v=v_elettrone : = 3166928.6722929
x0= : -9.2941233207628E-13
y0= : -4.4559114178232E-12
*****
i=32866
k(32866)=0.99998602807825
kQ(32866)=0.99997205635171
r1= : 4.5521799075216E-12
rpunto1 : = 1584753.0367346
rduepunti0 : = -1.0568784899395E+25
fil : = 488.31216741814
fipunto1 : = 6.0194936454261E+17
fi_gradi : = 27978.226277945
t1 : = 1.0809297413165E-14
tpunto1 : = 1.0003863650874
tduepunti0 : = -4.3207653514943E+14
v=v_elettrone : = 3166210.5384743
x0= : -9.2913570545637E-13
y0= : -4.4561592595475E-12
*****
i=32867
k(32867)=0.99998604992411
kQ(32867)=0.99997210004283
r1= : 4.552365765287E-12
rpunto1 : = 1583513.6368016
rduepunti0 : = -1.0567988930842E+25
fil : = 488.31223801397
fipunto1 : = 6.0190021140453E+17
fi_gradi : = 27978.230322788
t1 : = 1.0809297530489E-14
tpunto1 : = 1.0003863144578
tduepunti0 : = -4.3170354093216E+14
v=v_elettrone : = 3165492.8619878
x0= : -9.2885904454311E-13
y0= : -4.4564069367388E-12
*****
i=32868
k(32868)=0.99998607175124
kQ(32868)=0.99997214369647
r1= : 4.5525514776972E-12
rpunto1 : = 1582274.3301354
rduepunti0 : = -1.0567193673519E+25
fil : = 488.31230860404
fipunto1 : = 6.0185110272359E+17
fi_gradi : = 27978.234367301
t1 : = 1.0809297647813E-14
tpunto1 : = 1.0003862638719
tduepunti0 : = -4.3133065928831E+14
v=v_elettrone : = 3164775.6430584
x0= : -9.2858234935088E-13
y0= : -4.4566544494084E-12
```

```
*****
i=32869
k(32869)=0.99998609355964
kQ(32869)=0.99997218731266
r1= : 4.5527370447632E-12
rpunto1 : = 1581035.1166525
rduepunti0 : = -1.0566399127157E+25
fil : = 488.31237918835
fipunto1 : = 6.0180203848179E+17
fi_gradi : = 27978.238411484
t1 : = 1.0809297765137E-14
tpunto1 : = 1.0003862133297
tduepunti0 : = -4.309578901011E+14
v=v_elettrone : = 3164058.8799516
x0= : -9.2830561989401E-13
y0= : -4.4569017975671E-12
*****
i=32870
k(32870)=0.99998611534931
kQ(32870)=0.99997223089141
r1= : 4.5529224664958E-12
rpunto1 : = 1579795.9962697
rduepunti0 : = -1.0565605291488E+25
fil : = 488.31244976691
fipunto1 : = 6.0175301866116E+17
fi_gradi : = 27978.242455338
t1 : = 1.0809297882461E-14
tpunto1 : = 1.0003861628313
tduepunti0 : = -4.3058523325385E+14
v=v_elettrone : = 3163342.5767012
x0= : -9.280288561871E-13
y0= : -4.4571489812259E-12
*****
i=32871
k(32871)=0.99998613712027
kQ(32871)=0.99997227443272
r1= : 4.5531077429059E-12
rpunto1 : = 1578556.9689036
rduepunti0 : = -1.0564812166243E+25
fil : = 488.31252033972
fipunto1 : = 6.0170404324375E+17
fi_gradi : = 27978.246498862
t1 : = 1.0809297999785E-14
tpunto1 : = 1.0003861123765
tduepunti0 : = -4.3021268862992E+14
v=v_elettrone : = 3162626.7277452
x0= : -9.2775205824421E-13
y0= : -4.4573960003959E-12
*****
i=32872
k(32872)=0.99998615887251
kQ(32872)=0.9999723179366
r1= : 4.5532928740046E-12
rpunto1 : = 1577318.0344708
rduepunti0 : = -1.0564019751153E+25
fil : = 488.31259090678
fipunto1 : = 6.0165511221163E+17
fi_gradi : = 27978.250542057
t1 : = 1.0809298117109E-14
tpunto1 : = 1.0003860619654
tduepunti0 : = -4.298402561128E+14
v=v_elettrone : = 3161911.3390425
x0= : -9.2747522608016E-13
y0= : -4.457642855088E-12
```

```
*****
i=32873
k(32873)=0.99998618060605
kQ(32873)=0.99997236140307
r1= : 4.5534778598026E-12
rpunto1: = 1576079.1928882
rduepunti0 : = -1.0563228045951E+25
fil : = 488.3126614681
fipunto1 : = 6.016062255469E+17
fi_gradi : = 27978.254584923
t1 : = 1.0809298234433E-14
tpunto1 : = 1.0003860115979
tduepunti0 : = -4.2946793558602E+14
v=v_elettrone : = 3161196.4069395
x0= : -9.2719835970898E-13
y0= : -4.4578895453133E-12
*****
i=32874
k(32874)=0.99998620232088
kQ(32874)=0.99997240483214
r1= : 4.553662700311E-12
rpunto1: = 1574840.4440725
rduepunti0 : = -1.0562437050369E+25
fil : = 488.3127320237
fipunto1 : = 6.0155738323166E+17
fi_gradi : = 27978.258627461
t1 : = 1.0809298351757E-14
tpunto1 : = 1.0003859612741
tduepunti0 : = -4.2909572693322E+14
v=v_elettrone : = 3160481.9335558
x0= : -9.269214591452E-13
y0= : -4.4581360710827E-12
*****
i=32875
k(32875)=0.99998622401702
kQ(32875)=0.99997244822381
r1= : 4.5538473955405E-12
rpunto1: = 1573601.7879406
rduepunti0 : = -1.056164676414E+25
fil : = 488.31280257356
fipunto1 : = 6.0150858524803E+17
fi_gradi : = 27978.26266967
t1 : = 1.0809298469081E-14
tpunto1 : = 1.000385910994
tduepunti0 : = -4.287236300381E+14
v=v_elettrone : = 3159767.9171721
x0= : -9.2664452440308E-13
y0= : -4.4583824324072E-12
*****
i=32876
k(32876)=0.99998624569446
kQ(32876)=0.99997249157811
r1= : 4.554031945502E-12
rpunto1: = 1572363.2244093
rduepunti0 : = -1.0560857186996E+25
fil : = 488.3128731177
fipunto1 : = 6.0145983157817E+17
fi_gradi : = 27978.266711552
t1 : = 1.0809298586405E-14
tpunto1 : = 1.0003858607575
tduepunti0 : = -4.2835164478447E+14
v=v_elettrone : = 3159054.3579798
x0= : -9.2636755549714E-13
y0= : -4.4586286292977E-12
```

```
*****
i=32877
k(32877)=0.99998626735322
kQ(32877)=0.99997253489503
r1= : 4.5542163502064E-12
rpunto1 : = 1571124.7533954
rduepunti0 : = -1.0560068318671E+25
fil : = 488.31294365612
fipunto1 : = 6.0141112220424E+17
fi_gradi : = 27978.270753106
t1 : = 1.0809298703729E-14
tpunto1 : = 1.0003858105646
tduepunti0 : = -4.2797977105619E+14
v=v_elettrone : = 3158341.2580879
x0= : -9.2609055244184E-13
y0= : -4.4588746617651E-12
*****
i=32878
k(32878)=0.9999862889933
kQ(32878)=0.99997257817459
r1= : 4.5544006096645E-12
rpunto1 : = 1569886.3748158
rduepunti0 : = -1.0559280158897E+25
fil : = 488.31301418884
fipunto1 : = 6.0136245710844E+17
fi_gradi : = 27978.274794332
t1 : = 1.0809298821053E-14
tpunto1 : = 1.0003857604153
tduepunti0 : = -4.2760800873722E+14
v=v_elettrone : = 3157628.6177008
x0= : -9.2581351525141E-13
y0= : -4.4591205298203E-12
*****
i=32879
k(32879)=0.9999863106147
kQ(32879)=0.99997262141679
r1= : 4.5545847238872E-12
rpunto1 : = 1568648.0885875
rduepunti0 : = -1.055849270741E+25
fil : = 488.31308471584
fipunto1 : = 6.0131383627297E+17
fi_gradi : = 27978.278835232
t1 : = 1.0809298938377E-14
tpunto1 : = 1.0003857103095
tduepunti0 : = -4.272363577116E+14
v=v_elettrone : = 3156916.4331751
x0= : -9.2553644394005E-13
y0= : -4.4593662334744E-12
*****
i=32880
k(32880)=0.99998633221743
kQ(32880)=0.99997266462166
r1= : 4.5547686928854E-12
rpunto1 : = 1567409.8946275
rduepunti0 : = -1.0557705963942E+25
fil : = 488.31315523714
fipunto1 : = 6.0126525968005E+17
fi_gradi : = 27978.282875805
t1 : = 1.0809299055701E-14
tpunto1 : = 1.0003856602474
tduepunti0 : = -4.2686481786344E+14
v=v_elettrone : = 3156204.7085365
x0= : -9.2525933852246E-13
y0= : -4.4596117727381E-12
```

```
*****
i=32881
k(32881)=0.99998635380149
kQ(32881)=0.9999727077892
r1= : 4.5549525166697E-12
rpunto1: = 1566171.7928527
rduepunti0 : = -1.0556919928229E+25
fil : = 488.31322575274
fipunto1 : = 6.0121672731194E+17
fi_gradi : = 27978.286916051
t1 : = 1.0809299173024E-14
tpunto1 : = 1.0003856102288
tduepunti0 : = -4.2649338907694E+14
v=v_elettrone : = 3155493.443988
x0= : -9.2498219901282E-13
y0= : -4.4598571476223E-12
*****
i=32882
k(32882)=0.9999863753669
kQ(32882)=0.99997275091942
r1= : 4.5551361952511E-12
rpunto1: = 1564933.7831802
rduepunti0 : = -1.0556134600004E+25
fil : = 488.31329626266
fipunto1 : = 6.0116823915089E+17
fi_gradi : = 27978.290955972
t1 : = 1.0809299290348E-14
tpunto1 : = 1.0003855602538
tduepunti0 : = -4.2612207123638E+14
v=v_elettrone : = 3154782.635886
x0= : -9.2470502542528E-13
y0= : -4.4601023581381E-12
*****
i=32883
k(32883)=0.99998639691364
kQ(32883)=0.99997279401233
r1= : 4.5553197286404E-12
rpunto1: = 1563695.865527
rduepunti0 : = -1.0555349979002E+25
fil : = 488.31336676688
fipunto1 : = 6.0111979517921E+17
fi_gradi : = 27978.294995566
t1 : = 1.0809299407672E-14
tpunto1 : = 1.0003855103223
tduepunti0 : = -4.2575086422611E+14
v=v_elettrone : = 3154072.28826
x0= : -9.2442781777449E-13
y0= : -4.4603474042962E-12
*****
i=32884
k(32884)=0.99998641844174
kQ(32884)=0.99997283706795
r1= : 4.5555031168482E-12
rpunto1: = 1562458.0398102
rduepunti0 : = -1.055456606496E+25
fil : = 488.31343726543
fipunto1 : = 6.0107139537918E+17
fi_gradi : = 27978.299034835
t1 : = 1.0809299524996E-14
tpunto1 : = 1.0003854604343
tduepunti0 : = -4.2537976793059E+14
v=v_elettrone : = 3153362.3993885
x0= : -9.241505760746E-13
y0= : -4.4605922861074E-12
```

```
*****
i=32885
k(32885)=0.9999864399512
kQ(32885)=0.99997288008627
r1= : 4.5556863598855E-12
rpunto1: = 1561220.305947
rduepunti0 : = -1.0553782857612E+25
fil : = 488.31350775829
fipunto1 : = 6.0102303973314E+17
fi_gradi : = 27978.303073779
t1 : = 1.080929964232E-14
tpunto1 : = 1.0003854105898
tduepunti0 : = -4.2500878223432E+14
v=v_elettrone : = 3152652.969471
x0= : -9.2387330033996E-13
y0= : -4.4608370035827E-12
*****
i=32886
k(32886)=0.99998646144201
kQ(32886)=0.99997292306732
r1= : 4.555869457763E-12
rpunto1: = 1559982.6638544
rduepunti0 : = -1.0553000356694E+25
fil : = 488.31357824549
fipunto1 : = 6.0097472822344E+17
fi_gradi : = 27978.307112398
t1 : = 1.0809299759644E-14
tpunto1 : = 1.0003853607888
tduepunti0 : = -4.2463790702191E+14
v=v_elettrone : = 3151943.998704
x0= : -9.2359599058494E-13
y0= : -4.4610815567329E-12
*****
i=32887
k(32887)=0.99998648291419
kQ(32887)=0.9999729660111
r1= : 4.5560524104914E-12
rpunto1: = 1558745.1134497
rduepunti0 : = -1.0552218561941E+25
fil : = 488.31364872702
fipunto1 : = 6.0092646083243E+17
fi_gradi : = 27978.311150692
t1 : = 1.0809299876968E-14
tpunto1 : = 1.0003853110313
tduepunti0 : = -4.2426714217804E+14
v=v_elettrone : = 3151235.4872757
x0= : -9.2331864682387E-13
y0= : -4.4613259455688E-12
*****
i=32888
k(32888)=0.99998650436775
kQ(32888)=0.99997300891763
r1= : 4.5562352180816E-12
rpunto1: = 1557507.6546501
rduepunti0 : = -1.0551437473092E+25
fil : = 488.31371920289
fipunto1 : = 6.008782375425E+17
fi_gradi : = 27978.315188662
t1 : = 1.0809299994292E-14
tpunto1 : = 1.0003852613173
tduepunti0 : = -4.2389648758747E+14
v=v_elettrone : = 3150527.4373038
x0= : -9.2304126907109E-13
y0= : -4.4615701701012E-12
```

```
*****
i=32889
k(32889)=0.99998652580268
kQ(32889)=0.99997305178691
r1= : 4.5564178805442E-12
rpunto1: = 1556270.2873728
rduepunti0 : = -1.0550657089881E+25
fil : = 488.31378967311
fipunto1 : = 6.0083005833606E+17
fi_gradi : = 27978.319226308
t1 : = 1.0809300111616E-14
tpunto1 : = 1.0003852116467
tduepunti0 : = -4.2352594313505E+14
v=v_elettrone : = 3149819.8451435
x0= : -9.2276385734065E-13
y0= : -4.4618142303409E-12
*****
i=32890
k(32890)=0.99998654721899
kQ(32890)=0.99997309461895
r1= : 4.55660039789E-12
rpunto1: = 1555033.0115351
rduepunti0 : = -1.0549877412046E+25
fil : = 488.31386013767
fipunto1 : = 6.0078192319552E+17
fi_gradi : = 27978.32326363
t1 : = 1.080930022894E-14
tpunto1 : = 1.0003851620196
tduepunti0 : = -4.2315550870568E+14
v=v_elettrone : = 3149112.7129196
x0= : -9.224864116471E-13
y0= : -4.4620581262988E-12
*****
i=32891
k(32891)=0.99998656861668
kQ(32891)=0.99997313741377
r1= : 4.5567827701296E-12
rpunto1: = 1553795.8270543
rduepunti0 : = -1.0549098439324E+25
fil : = 488.31393059659
fipunto1 : = 6.0073383210334E+17
fi_gradi : = 27978.327300629
t1 : = 1.0809300346263E-14
tpunto1 : = 1.0003851124359
tduepunti0 : = -4.2278518418438E+14
v=v_elettrone : = 3148406.0408229
x0= : -9.2220893200474E-13
y0= : -4.4623018579856E-12
*****
i=32892
k(32892)=0.99998658999577
kQ(32892)=0.99997318017137
r1= : 4.5569649972739E-12
rpunto1: = 1552558.7338478
rduepunti0 : = -1.0548320171453E+25
fil : = 488.31400104987
fipunto1 : = 6.0068578504197E+17
fi_gradi : = 27978.331337304
t1 : = 1.0809300463587E-14
tpunto1 : = 1.0003850628956
tduepunti0 : = -4.2241496945622E+14
v=v_elettrone : = 3147699.8290354
x0= : -9.2193141842783E-13
y0= : -4.462545425412E-12
```

```
*****
i=32893
k(32893)=0.99998661135626
kQ(32893)=0.99997322289177
r1= : 4.5571470793336E-12
rpunto1: = 1551321.7318328
rduepunti0 : = -1.054754260817E+25
fil : = 488.31407149751
fipunto1 : = 6.0063778199389E+17
fi_gradi : = 27978.335373657
t1 : = 1.0809300580911E-14
tpunto1 : = 1.0003850133988
tduepunti0 : = -4.2204486440636E+14
v=v_elettrone : = 3146994.0777775
x0= : -9.2165387093062E-13
y0= : -4.462788828589E-12
*****
i=32894
k(32894)=0.99998663269815
kQ(32894)=0.99997326557498
r1= : 4.5573290163192E-12
rpunto1: = 1550084.8209269
rduepunti0 : = -1.0546765749213E+25
fil : = 488.31414193953
fipunto1 : = 6.005898229416E+17
fi_gradi : = 27978.339409687
t1 : = 1.0809300698235E-14
tpunto1 : = 1.0003849639453
tduepunti0 : = -4.2167486892005E+14
v=v_elettrone : = 3146288.7872297
x0= : -9.2137628952736E-13
y0= : -4.4630320675271E-12
*****
i=32895
k(32895)=0.99998665402144
kQ(32895)=0.999973308221
r1= : 4.5575108082416E-12
rpunto1: = 1548848.0010473
rduepunti0 : = -1.0545989594321E+25
fil : = 488.31421237592
fipunto1 : = 6.0054190786764E+17
fi_gradi : = 27978.343445395
t1 : = 1.0809300815559E-14
tpunto1 : = 1.0003849145352
tduepunti0 : = -4.2130498288259E+14
v=v_elettrone : = 3145583.955674
x0= : -9.2109867423228E-13
y0= : -4.4632751422372E-12
*****
i=32896
k(32896)=0.99998667532615
kQ(32896)=0.99997335082985
r1= : 4.5576924551113E-12
rpunto1: = 1547611.2721117
rduepunti0 : = -1.0545214143232E+25
fil : = 488.31428280669
fipunto1 : = 6.0049403675452E+17
fi_gradi : = 27978.347480781
t1 : = 1.0809300932883E-14
tpunto1 : = 1.0003848651685
tduepunti0 : = -4.209352061794E+14
v=v_elettrone : = 3144879.5852108
x0= : -9.2082102505983E-13
y0= : -4.46351805273E-12
```



```

*****
i=32897
k(32897)=0.99998669661228
kQ(32897)=0.99997339340154
r1= : 4.5578739569391E-12
rpunto1 : = 1546374.6340375
rduepunti0 : = -1.0544439395686E+25
fil : = 488.31435323184
fipunto1 : = 6.0044620958483E+17
fi_gradi : = 27978.351515845
t1 : = 1.0809301050206E-14
tpunto1 : = 1.0003848158451
tduepunti0 : = -4.2056553869595E+14
v=v_elettrone : = 3144175.6760665
x0= : -9.2054334202423E-13
y0= : -4.4637607990161E-12
*****
i=32898
k(32898)=0.99998671787983
kQ(32898)=0.99997343593608
r1= : 4.5580553137356E-12
rpunto1 : = 1545138.0867421
rduepunti0 : = -1.054366535142E+25
fil : = 488.31442365139
fipunto1 : = 6.0039842634112E+17
fi_gradi : = 27978.355550588
t1 : = 1.080930116753E-14
tpunto1 : = 1.0003847665651
tduepunti0 : = -4.2019598031778E+14
v=v_elettrone : = 3143472.2284085
x0= : -9.2026562513965E-13
y0= : -4.4640033811064E-12
*****
i=32899
k(32899)=0.99998673912881
kQ(32899)=0.99997347843347
r1= : 4.5582365255114E-12
rpunto1 : = 1543901.6301433
rduepunti0 : = -1.0542892010176E+25
fil : = 488.31449406533
fipunto1 : = 6.0035068700601E+17
fi_gradi : = 27978.35958501
t1 : = 1.0809301284854E-14
tpunto1 : = 1.0003847173283
tduepunti0 : = -4.1982653093055E+14
v=v_elettrone : = 3142769.2405308
x0= : -9.1998787442027E-13
y0= : -4.4642457990116E-12
*****
i=32900
k(32900)=0.99998676035922
kQ(32900)=0.99997352089373
r1= : 4.5584175922772E-12
rpunto1 : = 1542665.2641584
rduepunti0 : = -1.0542119371692E+25
fil : = 488.31456447368
fipunto1 : = 6.003029915621E+17
fi_gradi : = 27978.363619111
t1 : = 1.0809301402178E-14
tpunto1 : = 1.000384668135
tduepunti0 : = -4.1945719041996E+14
v=v_elettrone : = 3142066.7145343
x0= : -9.197100898805E-13
y0= : -4.4644880527422E-12

```

```
*****
i=32901
k(32901)=0.99998678157107
kQ(32901)=0.99997356331687
r1= : 4.5585985140436E-12
rpunto1: = 1541428.9887052
rduepunti0 : = -1.0541347435709E+25
fil : = 488.31463487643
fipunto1 : = 6.0025533999205E+17
fi_gradi : = 27978.367652891
t1 : = 1.0809301519502E-14
tpunto1 : = 1.0003846189849
tduepunti0 : = -4.1908795867181E+14
v=v_elettrone : = 3141364.6487067
x0= : -9.1943227153447E-13
y0= : -4.4647301423091E-12
*****
i=32902
k(32902)=0.99998680276437
kQ(32902)=0.9999736057029
r1= : 4.5587792908213E-12
rpunto1: = 1540192.8037013
rduepunti0 : = -1.0540576201966E+25
fil : = 488.31470527359
fipunto1 : = 6.0020773227849E+17
fi_gradi : = 27978.371686351
t1 : = 1.0809301636826E-14
tpunto1 : = 1.0003845698781
tduepunti0 : = -4.1871883557196E+14
v=v_elettrone : = 3140663.0451682
x0= : -9.1915441939658E-13
y0= : -4.4649720677228E-12
*****
i=32903
k(32903)=0.99998682393911
kQ(32903)=0.99997364805183
r1= : 4.5589599226208E-12
rpunto1: = 1538956.7090643
rduepunti0 : = -1.0539805670206E+25
fil : = 488.31477566517
fipunto1 : = 6.0016016840411E+17
fi_gradi : = 27978.375719492
t1 : = 1.0809301754149E-14
tpunto1 : = 1.0003845208145
tduepunti0 : = -4.1834982100638E+14
v=v_elettrone : = 3139961.9021736
x0= : -9.1887653348092E-13
y0= : -4.465213828994E-12
*****
i=32904
k(32904)=0.99998684509531
kQ(32904)=0.99997369036367
r1= : 4.5591404094527E-12
rpunto1: = 1537720.704712
rduepunti0 : = -1.0539035840167E+25
fil : = 488.31484605117
fipunto1 : = 6.0011264835161E+17
fi_gradi : = 27978.379752312
t1 : = 1.0809301871473E-14
tpunto1 : = 1.0003844717943
tduepunti0 : = -4.1798091486108E+14
v=v_elettrone : = 3139261.2218675
x0= : -9.1859861380186E-13
y0= : -4.4654554261334E-12
```

```
*****
i=32905
k(32905)=0.99998686623296
kQ(32905)=0.99997373263842
r1= : 4.5593207513277E-12
rpunto1 : = 1536484.7905621
rduepunti0 : = -1.0538266711592E+25
fil : = 488.31491643159
fipunto1 : = 6.0006517210369E+17
fi_gradi : = 27978.383784814
t1 : = 1.0809301988797E-14
tpunto1 : = 1.0003844228173
tduepunti0 : = -4.1761211702218E+14
v=v_elettrone : = 3138561.0025011
x0= : -9.1832066037349E-13
y0= : -4.4656968591515E-12
*****
i=32906
k(32906)=0.99998688735208
kQ(32906)=0.99997377487611
r1= : 4.5595009482562E-12
rpunto1 : = 1535248.9665323
rduepunti0 : = -1.0537498284222E+25
fil : = 488.31498680645
fipunto1 : = 6.0001773964309E+17
fi_gradi : = 27978.387816996
t1 : = 1.0809302106121E-14
tpunto1 : = 1.0003843738835
tduepunti0 : = -4.1724342737586E+14
v=v_elettrone : = 3137861.2462092
x0= : -9.1804267321012E-13
y0= : -4.4659381280591E-12
*****
i=32907
k(32907)=0.99998690845267
kQ(32907)=0.99997381707674
r1= : 4.559681000249E-12
rpunto1 : = 1534013.2325405
rduepunti0 : = -1.0536730557799E+25
fil : = 488.31505717575
fipunto1 : = 5.9997035095256E+17
fi_gradi : = 27978.39184886
t1 : = 1.0809302223444E-14
tpunto1 : = 1.000384324993
tduepunti0 : = -4.1687484580839E+14
v=v_elettrone : = 3137161.9512605
x0= : -9.1776465232582E-13
y0= : -4.4661792328668E-12
*****
i=32908
k(32908)=0.99998692953474
kQ(32908)=0.99997385924031
r1= : 4.5598609073164E-12
rpunto1 : = 1532777.5885045
rduepunti0 : = -1.0535963532065E+25
fil : = 488.31512753949
fipunto1 : = 5.9992300601488E+17
fi_gradi : = 27978.395880405
t1 : = 1.0809302340768E-14
tpunto1 : = 1.0003842761457
tduepunti0 : = -4.165063722061E+14
v=v_elettrone : = 3136463.1178391
x0= : -9.1748659773488E-13
y0= : -4.4664201735851E-12
```

```
*****
i=32909
k(32909)=0.99998695059828
kQ(32909)=0.99997390136685
r1= : 4.5600406694692E-12
rpunto1 : = 1531542.0343421
rduepunti0 : = -1.0535197206761E+25
fil : = 488.31519789768
fipunto1 : = 5.9987570481283E+17
fi_gradi : = 27978.399911632
t1 : = 1.0809302458092E-14
tpunto1 : = 1.0003842273415
tduepunti0 : = -4.1613800645542E+14
v=v_elettrone : = 3135764.7461589
x0= : -9.1720850945158E-13
y0= : -4.4666609502247E-12
*****
i=32910
k(32910)=0.99998697164331
kQ(32910)=0.99997394345636
r1= : 4.5602202867178E-12
rpunto1 : = 1530306.5699712
rduepunti0 : = -1.0534431581631E+25
fil : = 488.31526825031
fipunto1 : = 5.9982844732923E+17
fi_gradi : = 27978.403942542
t1 : = 1.0809302575416E-14
tpunto1 : = 1.0003841785806
tduepunti0 : = -4.1576974844285E+14
v=v_elettrone : = 3135066.8383361
x0= : -9.169303874902E-13
y0= : -4.4669015627961E-12
*****
i=32911
k(32911)=0.99998699266983
kQ(32911)=0.99997398550885
r1= : 4.5603997590727E-12
rpunto1 : = 1529071.1953097
rduepunti0 : = -1.0533666656418E+25
fil : = 488.31533859741
fipunto1 : = 5.997812335469E+17
fi_gradi : = 27978.407973133
t1 : = 1.0809302692739E-14
tpunto1 : = 1.0003841298629
tduepunti0 : = -4.1540159805495E+14
v=v_elettrone : = 3134369.3926402
x0= : -9.1665223186473E-13
y0= : -4.4671420113099E-12
*****
i=32912
k(32912)=0.99998701367784
kQ(32912)=0.99997402752433
r1= : 4.5605790865445E-12
rpunto1 : = 1527835.9102756
rduepunti0 : = -1.0532902430864E+25
fil : = 488.31540893897
fipunto1 : = 5.9973406344869E+17
fi_gradi : = 27978.412003408
t1 : = 1.0809302810063E-14
tpunto1 : = 1.0003840811883
tduepunti0 : = -4.1503355517839E+14
v=v_elettrone : = 3133672.4092565
x0= : -9.1637404258942E-13
y0= : -4.4673822957766E-12
```

```
*****
i=32913
k(32913)=0.99998703466736
kQ(32913)=0.99997406950282
r1= : 4.5607582691437E-12
rpunto1 : = 1526600.7147869
rduepunti0 : = -1.0532138904714E+25
fil : = 488.315479275
fipunto1 : = 5.9968693701748E+17
fi_gradi : = 27978.416033365
t1 : = 1.0809302927387E-14
tpunto1 : = 1.0003840325568
tduepunti0 : = -4.146656196999E+14
v=v_elettrone : = 3132975.8884095
x0= : -9.1609581967849E-13
y0= : -4.4676224162069E-12
*****
i=32914
k(32914)=0.99998705563838
kQ(32914)=0.99997411144431
r1= : 4.5609373068807E-12
rpunto1 : = 1525365.6087615
rduepunti0 : = -1.053137607771E+25
fil : = 488.3155496055
fipunto1 : = 5.9963985423615E+17
fi_gradi : = 27978.420063006
t1 : = 1.0809303044711E-14
tpunto1 : = 1.0003839839685
tduepunti0 : = -4.1429779150628E+14
v=v_elettrone : = 3132279.830263
x0= : -9.1581756314615E-13
y0= : -4.4678623726112E-12
*****
i=32915
k(32915)=0.99998707659091
kQ(32915)=0.99997415334883
r1= : 4.5611161997662E-12
rpunto1 : = 1524130.5921175
rduepunti0 : = -1.0530613949597E+25
fil : = 488.31561993048
fipunto1 : = 5.9959281508759E+17
fi_gradi : = 27978.424092331
t1 : = 1.0809303162034E-14
tpunto1 : = 1.0003839354233
tduepunti0 : = -4.1393007048442E+14
v=v_elettrone : = 3131584.2369729
x0= : -9.1553927300661E-13
y0= : -4.4681021650001E-12
*****
i=32916
k(32916)=0.99998709752495
kQ(32916)=0.99997419521637
r1= : 4.5612949478105E-12
rpunto1 : = 1522895.664773
rduepunti0 : = -1.0529852520118E+25
fil : = 488.31569024994
fipunto1 : = 5.9954581955475E+17
fi_gradi : = 27978.428121339
t1 : = 1.0809303279358E-14
tpunto1 : = 1.0003838869213
tduepunti0 : = -4.1356245652128E+14
v=v_elettrone : = 3130889.104855
x0= : -9.152609492738E-13
y0= : -4.4683417933842E-12
```

```

*****
i=32917
k(32917)=0.99998711844051
kQ(32917)=0.99997423704696
r1= : 4.5614735510241E-12
rpunto1 : = 1521660.826646
rduepunti0 : = -1.052909178902E+25
fil : = 488.31576056389
fipunto1 : = 5.9949886762057E+17
fi_gradi : = 27978.432150032
t1 : = 1.0809303396682E-14
tpunto1 : = 1.0003838384623
tduepunti0 : = -4.131949495039E+14
v=v_elettrone : = 3130194.4360471
x0= : -9.1498259196214E-13
y0= : -4.4685812577738E-12
*****
i=32918
k(32918)=0.9999871393376
kQ(32918)=0.99997427884061
r1= : 4.5616520094176E-12
rpunto1 : = 1520426.0776547
rduepunti0 : = -1.0528331756045E+25
fil : = 488.31583087233
fipunto1 : = 5.9945195926799E+17
fi_gradi : = 27978.436178409
t1 : = 1.0809303514006E-14
tpunto1 : = 1.0003837900464
tduepunti0 : = -4.128275493194E+14
v=v_elettrone : = 3129500.2326674
x0= : -9.1470420108578E-13
y0= : -4.4688205581796E-12
*****
i=32919
k(32919)=0.99998716021622
kQ(32919)=0.99997432059731
r1= : 4.5618303230013E-12
rpunto1 : = 1519191.4177172
rduepunti0 : = -1.052757242094E+25
fil : = 488.31590117527
fipunto1 : = 5.9940509448002E+17
fi_gradi : = 27978.440206471
t1 : = 1.0809303631329E-14
tpunto1 : = 1.0003837416736
tduepunti0 : = -4.1246025585498E+14
v=v_elettrone : = 3128806.491062
x0= : -9.1442577665862E-13
y0= : -4.469059694612E-12
*****
i=32920
k(32920)=0.99998718107638
kQ(32920)=0.99997436231709
r1= : 4.5620084917857E-12
rpunto1 : = 1517956.8467517
rduepunti0 : = -1.052681378345E+25
fil : = 488.31597147272
fipunto1 : = 5.9935827323965E+17
fi_gradi : = 27978.444234218
t1 : = 1.0809303748653E-14
tpunto1 : = 1.0003836933439
tduepunti0 : = -4.1209306899791E+14
v=v_elettrone : = 3128113.2133588
x0= : -9.1414731869504E-13
y0= : -4.4692986670815E-12

```

```
*****
i=32921
k(32921)=0.99998720191808
kQ(32921)=0.99997440399995
r1= : 4.5621865157812E-12
rpunto1 : = 1516722.3646765
rduepunti0 : = -1.052605584332E+25
fil : = 488.31604176468
fipunto1 : = 5.993114955299E+17
fi_gradi : = 27978.44826165
t1 : = 1.0809303865977E-14
tpunto1 : = 1.0003836450572
tduepunti0 : = -4.1172598863553E+14
v=v_elettrone : = 3127420.3997415
x0= : -9.1386882720916E-13
y0= : -4.4695374755985E-12
*****
i=32922
k(32922)=0.99998722274132
kQ(32922)=0.9999744456459
r1= : 4.5623643949983E-12
rpunto1 : = 1515487.9714097
rduepunti0 : = -1.0525298600297E+25
fil : = 488.31611205115
fipunto1 : = 5.9926476133382E+17
fi_gradi : = 27978.452288768
t1 : = 1.08093039833E-14
tpunto1 : = 1.0003835968136
tduepunti0 : = -4.1135901465526E+14
v=v_elettrone : = 3126728.0504212
x0= : -9.1359030221507E-13
y0= : -4.4697761201736E-12
*****
i=32923
k(32923)=0.99998724354611
kQ(32923)=0.99997448725495
r1= : 4.5625421294473E-12
rpunto1 : = 1514253.6668697
rduepunti0 : = -1.0524542054127E+25
fil : = 488.31618233213
fipunto1 : = 5.9921807063445E+17
fi_gradi : = 27978.456315572
t1 : = 1.0809304100624E-14
tpunto1 : = 1.0003835486129
tduepunti0 : = -4.1099214694462E+14
v=v_elettrone : = 3126036.1636511
x0= : -9.1331174372687E-13
y0= : -4.4700146008171E-12
*****
i=32924
k(32924)=0.99998726433246
kQ(32924)=0.99997452882712
r1= : 4.5627197191387E-12
rpunto1 : = 1513019.4509747
rduepunti0 : = -1.0523786204555E+25
fil : = 488.31625260765
fipunto1 : = 5.9917142341488E+17
fi_gradi : = 27978.460342062
t1 : = 1.0809304217948E-14
tpunto1 : = 1.0003835004553
tduepunti0 : = -4.1062538539118E+14
v=v_elettrone : = 3125344.7435037
x0= : -9.1303315175888E-13
y0= : -4.4702529175395E-12
```

```
*****
i=32925
k(32925)=0.99998728510037
kQ(32925)=0.99997457036241
r1= : 4.5628971640829E-12
rpunto1: = 1511785.3236432
rduerpunti0 : = -1.052303105133E+25
fil : = 488.31632287769
fipunto1 : = 5.991248196582E+17
fi_gradi : = 27978.464368239
t1 : = 1.0809304335271E-14
tpunto1 : = 1.0003834523407
tduepunti0 : = -4.1025872988258E+14
v=v_elettrone : = 3124653.7863162
x0= : -9.1275452632491E-13
y0= : -4.4704910703513E-12
*****
i=32926
k(32926)=0.99998730584984
kQ(32926)=0.99997461186083
r1= : 4.5630744642903E-12
rpunto1: = 1510551.2847933
rduerpunti0 : = -1.0522276594197E+25
fil : = 488.31639314226
fipunto1 : = 5.9907825934753E+17
fi_gradi : = 27978.468394103
t1 : = 1.0809304452595E-14
tpunto1 : = 1.0003834042691
tduepunti0 : = -4.0989218030658E+14
v=v_elettrone : = 3123963.2922586
x0= : -9.1247586743926E-13
y0= : -4.4707290592628E-12
*****
i=32927
k(32927)=0.99998732658089
kQ(32927)=0.99997465332239
r1= : 4.5632516197712E-12
rpunto1: = 1509317.3343436
rduerpunti0 : = -1.0521522832905E+25
fil : = 488.31646340138
fipunto1 : = 5.99031742466E+17
fi_gradi : = 27978.472419654
t1 : = 1.0809304569919E-14
tpunto1 : = 1.0003833562405
tduepunti0 : = -4.0952573655096E+14
v=v_elettrone : = 3123273.2634867
x0= : -9.1219717511621E-13
y0= : -4.4709668842844E-12
*****
i=32928
k(32928)=0.99998734729351
kQ(32928)=0.99997469474711
r1= : 4.563428630536E-12
rpunto1: = 1508083.4722125
rduerpunti0 : = -1.0520769767201E+25
fil : = 488.31653365504
fipunto1 : = 5.9898526899677E+17
fi_gradi : = 27978.476444892
t1 : = 1.0809304687242E-14
tpunto1 : = 1.0003833082548
tduepunti0 : = -4.0915939850361E+14
v=v_elettrone : = 3122583.7001885
x0= : -9.1191844936979E-13
y0= : -4.4712045454266E-12
```



```
*****
i=32929
k(32929)=0.99998736798771
kQ(32929)=0.99997473613499
r1= : 4.563605496595E-12
rpunto1 : = 1506849.6983183
rduepunti0 : = -1.0520017396832E+25
fil : = 488.31660390325
fipunto1 : = 5.9893883892301E+17
fi_gradi : = 27978.480469818
t1 : = 1.0809304804566E-14
tpunto1 : = 1.0003832603121
tduepunti0 : = -4.087931660525E+14
v=v_elettrone : = 3121894.6025615
x0= : -9.1163969021399E-13
y0= : -4.4714420426996E-12
*****
i=32930
k(32930)=0.9999873886635
kQ(32930)=0.99997477748605
r1= : 4.5637822179587E-12
rpunto1 : = 1505616.0125797
rduepunti0 : = -1.0519265721547E+25
fil : = 488.31667414601
fipunto1 : = 5.9889245222791E+17
fi_gradi : = 27978.484494432
t1 : = 1.080930492189E-14
tpunto1 : = 1.0003832124123
tduepunti0 : = -4.0842703908565E+14
v=v_elettrone : = 3121205.9688764
x0= : -9.1136089766282E-13
y0= : -4.471679376114E-12
*****
i=32931
k(32931)=0.99998740932088
kQ(32931)=0.99997481880028
r1= : 4.5639587946373E-12
rpunto1 : = 1504382.4149151
rduepunti0 : = -1.0518514741095E+25
fil : = 488.31674438334
fipunto1 : = 5.9884610889468E+17
fi_gradi : = 27978.488518734
t1 : = 1.0809305039213E-14
tpunto1 : = 1.0003831645554
tduepunti0 : = -4.0806101749118E+14
v=v_elettrone : = 3120517.7993155
x0= : -9.1108207173049E-13
y0= : -4.4719165456801E-12
*****
i=32932
k(32932)=0.99998742995985
kQ(32932)=0.99997486007771
r1= : 4.5641352266412E-12
rpunto1 : = 1503148.905243
rduepunti0 : = -1.0517764455224E+25
fil : = 488.31681461523
fipunto1 : = 5.9879980890654E+17
fi_gradi : = 27978.492542725
t1 : = 1.0809305156537E-14
tpunto1 : = 1.0003831167415
tduepunti0 : = -4.0769510115727E+14
v=v_elettrone : = 3119830.0960227
x0= : -9.1080321243124E-13
y0= : -4.4721535514081E-12
```

```
*****
i=32933
k(32933)=0.99998745058043
kQ(32933)=0.99997490131834
r1= : 4.5643115139807E-12
rpunto1 : = 1501915.483482
rduepunti0 : = -1.0517014863683E+25
fil : = 488.31688484169
fipunto1 : = 5.9875355224676E+17
fi_gradi : = 27978.496566404
t1 : = 1.0809305273861E-14
tpunto1 : = 1.0003830689704
tduepunti0 : = -4.0732928997219E+14
v=v_elettrone : = 3119142.8591941
x0= : -9.10524319779E-13
y0= : -4.4723903933085E-12
*****
i=32934
k(32934)=0.99998747118261
kQ(32934)=0.99997494252219
r1= : 4.5644876566661E-12
rpunto1 : = 1500682.1495508
rduepunti0 : = -1.0516265966222E+25
fil : = 488.31695506272
fipunto1 : = 5.9870733889858E+17
fi_gradi : = 27978.500589773
t1 : = 1.0809305391184E-14
tpunto1 : = 1.0003830212422
tduepunti0 : = -4.0696358382427E+14
v=v_elettrone : = 3118456.0851556
x0= : -9.1024539378772E-13
y0= : -4.4726270713916E-12
*****
i=32935
k(32935)=0.9999874917664
kQ(32935)=0.99997498368925
r1= : 4.5646636547077E-12
rpunto1 : = 1499448.9033679
rduepunti0 : = -1.0515517762589E+25
fil : = 488.31702527833
fipunto1 : = 5.9866116884531E+17
fi_gradi : = 27978.504612832
t1 : = 1.0809305508508E-14
tpunto1 : = 1.000382973557
tduepunti0 : = -4.0659798260193E+14
v=v_elettrone : = 3117769.7798992
x0= : -9.0996643447182E-13
y0= : -4.4728635856676E-12
*****
i=32936
k(32936)=0.99998751233181
kQ(32936)=0.99997502481955
r1= : 4.5648395081158E-12
rpunto1 : = 1498215.744852
rduepunti0 : = -1.0514770252536E+25
fil : = 488.31709548853
fipunto1 : = 5.9861504207024E+17
fi_gradi : = 27978.50863558
t1 : = 1.0809305625831E-14
tpunto1 : = 1.0003829259146
tduepunti0 : = -4.0623248619365E+14
v=v_elettrone : = 3117083.9378372
x0= : -9.0968744184496E-13
y0= : -4.4730999361471E-12
```

```
*****
i=32937
k(32937)=0.99998753287883
kQ(32937)=0.9999750659131
r1= : 4.5650152169007E-12
rpunto1 : = 1496982.6739218
rduepunti0 : = -1.0514023435811E+25
fil : = 488.31716569332
fipunto1 : = 5.9856895855669E+17
fi_gradi : = 27978.512658018
t1 : = 1.0809305743155E-14
tpunto1 : = 1.000382878315
tduepunti0 : = -4.05867094488E+14
v=v_elettrone : = 3116398.5630247
x0= : -9.0940841592154E-13
y0= : -4.4733361228401E-12
*****
i=32938
k(32938)=0.99998755340749
kQ(32938)=0.99997510696989
r1= : 4.5651907810726E-12
rpunto1 : = 1495749.690496
rduepunti0 : = -1.0513277312165E+25
fil : = 488.31723589271
fipunto1 : = 5.9852291828801E+17
fi_gradi : = 27978.516680146
t1 : = 1.0809305860479E-14
tpunto1 : = 1.0003828307583
tduepunti0 : = -4.0550180737362E+14
v=v_elettrone : = 3115713.6537186
x0= : -9.0912935671545E-13
y0= : -4.473572145757E-12
*****
i=32939
k(32939)=0.99998757391777
kQ(32939)=0.99997514798995
r1= : 4.5653662006419E-12
rpunto1 : = 1494516.7944933
rduepunti0 : = -1.051253188135E+25
fil : = 488.31730608669
fipunto1 : = 5.9847692124756E+17
fi_gradi : = 27978.520701966
t1 : = 1.0809305977802E-14
tpunto1 : = 1.0003827832444
tduepunti0 : = -4.0513662473921E+14
v=v_elettrone : = 3115029.2101339
x0= : -9.088502642408E-13
y0= : -4.4738080049081E-12
*****
i=32940
k(32940)=0.99998759440969
kQ(32940)=0.99997518897328
r1= : 4.5655414756187E-12
rpunto1 : = 1493283.9858326
rduepunti0 : = -1.0511787143115E+25
fil : = 488.31737627529
fipunto1 : = 5.9843096741871E+17
fi_gradi : = 27978.524723476
t1 : = 1.0809306095126E-14
tpunto1 : = 1.0003827357733
tduepunti0 : = -4.0477154647358E+14
v=v_elettrone : = 3114345.2343936
x0= : -9.0857113851171E-13
y0= : -4.4740437003036E-12
```

```
*****
i=32941
k(32941)=0.99998761488325
kQ(32941)=0.99997522991989
r1= : 4.5657166060133E-12
rpunto1 : = 1492051.2644326
rduepunti0 : = -1.0511043097212E+25
fil : = 488.31744645849
fipunto1 : = 5.9838505678487E+17
fi_gradi : = 27978.528744677
t1 : = 1.0809306212449E-14
tpunto1 : = 1.000382688345
tduepunti0 : = -4.0440657246557E+14
v=v_elettrone : = 3113661.722808
x0= : -9.0829197954201E-13
y0= : -4.4742792319539E-12
*****
i=32942
k(32942)=0.99998763533845
kQ(32942)=0.99997527082979
r1= : 4.565891591836E-12
rpunto1 : = 1490818.6302122
rduepunti0 : = -1.0510299743393E+25
fil : = 488.31751663631
fipunto1 : = 5.9833918932945E+17
fi_gradi : = 27978.53276557
t1 : = 1.0809306329773E-14
tpunto1 : = 1.0003826409595
tduepunti0 : = -4.0404170260414E+14
v=v_elettrone : = 3112978.6794861
x0= : -9.0801278734604E-13
y0= : -4.4745145998691E-12
*****
i=32943
k(32943)=0.99998765577531
kQ(32943)=0.999975311703
r1= : 4.5660664330969E-12
rpunto1 : = 1489586.0830902
rduepunti0 : = -1.0509557081409E+25
fil : = 488.31758680874
fipunto1 : = 5.9829336503589E+17
fi_gradi : = 27978.536786154
t1 : = 1.0809306447096E-14
tpunto1 : = 1.0003825936168
tduepunti0 : = -4.0367693677829E+14
v=v_elettrone : = 3112296.1026512
x0= : -9.0773356193761E-13
y0= : -4.4747498040595E-12
*****
i=32944
k(32944)=0.99998767619382
kQ(32944)=0.99997535253951
r1= : 4.5662411298064E-12
rpunto1 : = 1488353.6229855
rduepunti0 : = -1.0508815111013E+25
fil : = 488.31765697581
fipunto1 : = 5.9824758388764E+17
fi_gradi : = 27978.540806431
t1 : = 1.080930656442E-14
tpunto1 : = 1.0003825463169
tduepunti0 : = -4.0331227487711E+14
v=v_elettrone : = 3111613.990574
x0= : -9.0745430333078E-13
y0= : -4.4749848445353E-12
```

```
*****
i=32945
k(32945)=0.99998769659399
kQ(32945)=0.99997539333935
r1= : 4.5664156819745E-12
rpunto1 : = 1487121.249817
rduepunti0 : = -1.0508073831956E+25
fil : = 488.3177271375
fipunto1 : = 5.9820184586818E+17
fi_gradi : = 27978.5448264
t1 : = 1.0809306681744E-14
tpunto1 : = 1.0003824990597
tduepunti0 : = -4.0294771678976E+14
v=v_elettrone : = 3110932.3473374
x0= : -9.0717501153984E-13
y0= : -4.4752197213068E-12
*****
i=32946
k(32946)=0.99998771697582
kQ(32946)=0.99997543410252
r1= : 4.5665900896115E-12
rpunto1 : = 1485888.9635038
rduepunti0 : = -1.0507333243991E+25
fil : = 488.31779729383
fipunto1 : = 5.9815615096099E+17
fi_gradi : = 27978.548846062
t1 : = 1.0809306799067E-14
tpunto1 : = 1.0003824518453
tduepunti0 : = -4.0258326240547E+14
v=v_elettrone : = 3110251.1711981
x0= : -9.0689568657857E-13
y0= : -4.475454434384E-12
*****
i=32947
k(32947)=0.99998773733933
kQ(32947)=0.99997547482903
r1= : 4.5667643527276E-12
rpunto1 : = 1484656.7639647
rduepunti0 : = -1.0506593346871E+25
fil : = 488.31786744481
fipunto1 : = 5.9811049914958E+17
fi_gradi : = 27978.552865416
t1 : = 1.0809306916391E-14
tpunto1 : = 1.0003824046736
tduepunti0 : = -4.0221891161357E+14
v=v_elettrone : = 3109570.4623495
x0= : -9.0661632846097E-13
y0= : -4.4756889837773E-12
*****
i=32948
k(32948)=0.99998775768451
kQ(32948)=0.99997551551889
r1= : 4.5669384713329E-12
rpunto1 : = 1483424.6511188
rduepunti0 : = -1.050585414035E+25
fil : = 488.31793759042
fipunto1 : = 5.9806489041749E+17
fi_gradi : = 27978.556884464
t1 : = 1.0809307033714E-14
tpunto1 : = 1.0003823575446
tduepunti0 : = -4.0185466430343E+14
v=v_elettrone : = 3108890.2209906
x0= : -9.0633693720105E-13
y0= : -4.4759233694969E-12
```

```
*****
i=32949
k(32949)=0.99998777801137
kQ(32949)=0.99997555617212
r1= : 4.5671124454376E-12
rpunto1: = 1482192.6248851
rduepunti0 : = -1.050511562418E+25
fil : = 488.31800773069
fipunto1 : = 5.9801932474826E+17
fi_gradi : = 27978.560903205
t1 : = 1.0809307151038E-14
tpunto1 : = 1.0003823104583
tduepunti0 : = -4.0149052036451E+14
v=v_elettrone : = 3108210.4453753
x0= : -9.0605751281279E-13
y0= : -4.4761575915528E-12
*****
i=32950
k(32950)=0.99998779831991
kQ(32950)=0.99997559678871
r1= : 4.5672862750519E-12
rpunto1: = 1480960.6851827
rduepunti0 : = -1.0504377798115E+25
fil : = 488.31807786562
fipunto1 : = 5.9797380212546E+17
fi_gradi : = 27978.564921641
t1 : = 1.0809307268361E-14
tpunto1 : = 1.0003822634147
tduepunti0 : = -4.0112647968635E+14
v=v_elettrone : = 3107531.1395867
x0= : -9.0577805531043E-13
y0= : -4.4763916499553E-12
*****
i=32951
k(32951)=0.99998781861015
kQ(32951)=0.99997563736868
r1= : 4.567459960186E-12
rpunto1: = 1479728.8319306
rduepunti0 : = -1.0503640661909E+25
fil : = 488.3181479952
fipunto1 : = 5.9792832253267E+17
fi_gradi : = 27978.56893977
t1 : = 1.0809307385685E-14
tpunto1 : = 1.0003822164138
tduepunti0 : = -4.0076254215854E+14
v=v_elettrone : = 3106852.2999449
x0= : -9.0549856470765E-13
y0= : -4.4766255447145E-12
*****
i=32952
k(32952)=0.99998783888208
kQ(32952)=0.99997567791205
r1= : 4.5676335008499E-12
rpunto1: = 1478497.065048
rduepunti0 : = -1.0502904215317E+25
fil : = 488.31821811946
fipunto1 : = 5.978828859535E+17
fi_gradi : = 27978.572957594
t1 : = 1.0809307503008E-14
tpunto1 : = 1.0003821694556
tduepunti0 : = -4.0039870767078E+14
v=v_elettrone : = 3106173.9285865
x0= : -9.0521904101867E-13
y0= : -4.4768592758405E-12
```

```
*****
i=32953
k(32953)=0.99998785913571
kQ(32953)=0.99997571841881
r1= : 4.5678068970538E-12
rpunto1: = 1477265.3844541
rduepunti0 : = -1.0502168458093E+25
fil : = 488.31828823838
fipunto1 : = 5.9783749237156E+17
fi_gradi : = 27978.576975112
t1 : = 1.0809307620332E-14
tpunto1 : = 1.00038212254
tduepunti0 : = -4.0003497611281E+14
v=v_elettrone : = 3105496.0257069
x0= : -9.0493948425742E-13
y0= : -4.4770928433435E-12
*****
i=32954
k(32954)=0.99998787937104
kQ(32954)=0.99997575888899
r1= : 4.5679801488077E-12
rpunto1: = 1476033.790068
rduepunti0 : = -1.0501433389992E+25
fil : = 488.31835835198
fipunto1 : = 5.977921417705E+17
fi_gradi : = 27978.580992325
t1 : = 1.0809307737655E-14
tpunto1 : = 1.000382075667
tduepunti0 : = -3.9967134737446E+14
v=v_elettrone : = 3104818.5895507
x0= : -9.0465989443782E-13
y0= : -4.4773262472337E-12
*****
i=32955
k(32955)=0.99998789958808
kQ(32955)=0.99997579932258
r1= : 4.568153256122E-12
rpunto1: = 1474802.281809
rduepunti0 : = -1.0500699010768E+25
fil : = 488.31842846026
fipunto1 : = 5.9774683413397E+17
fi_gradi : = 27978.585009234
t1 : = 1.0809307854979E-14
tpunto1 : = 1.0003820288367
tduepunti0 : = -3.9930782134564E+14
v=v_elettrone : = 3104141.6222826
x0= : -9.0438027157402E-13
y0= : -4.477559487521E-12
*****
i=32956
k(32956)=0.99998791978683
kQ(32956)=0.9999758397196
r1= : 4.5683262190065E-12
rpunto1: = 1473570.8595962
rduepunti0 : = -1.0499965320177E+25
fil : = 488.31849856323
fipunto1 : = 5.9770156944566E+17
fi_gradi : = 27978.589025838
t1 : = 1.0809307972302E-14
tpunto1 : = 1.0003819820491
tduepunti0 : = -3.9894439791631E+14
v=v_elettrone : = 3103465.1240847
x0= : -9.0410061567992E-13
y0= : -4.4777925642156E-12
```

```
*****
i=32957
k(32957)=0.99998793996731
kQ(32957)=0.99997588008006
r1= : 4.5684990374714E-12
rpunto1 : = 1472339.523349
rduepunti0 : = -1.0499232317975E+25
fil : = 488.31856866089
fipunto1 : = 5.9765634768926E+17
fi_gradi : = 27978.593042138
t1 : = 1.0809308089626E-14
tpunto1 : = 1.000381935304
tduepunti0 : = -3.9858107697653E+14
v=v_elettrone : = 3102789.0951655
x0= : -9.038209267694E-13
y0= : -4.4780254773277E-12
*****
i=32958
k(32958)=0.99998796012951
kQ(32958)=0.99997592040397
r1= : 4.5686717115269E-12
rpunto1 : = 1471108.2729866
rduepunti0 : = -1.0498500003917E+25
fil : = 488.31863875324
fipunto1 : = 5.9761116884847E+17
fi_gradi : = 27978.597058134
t1 : = 1.0809308206949E-14
tpunto1 : = 1.0003818886015
tduepunti0 : = -3.9821785841642E+14
v=v_elettrone : = 3102113.5337654
x0= : -9.0354120485632E-13
y0= : -4.4782582268673E-12
*****
i=32959
k(32959)=0.99998798027343
kQ(32959)=0.99997596069134
r1= : 4.5688442411829E-12
rpunto1 : = 1469877.1084283
rduepunti0 : = -1.049776837776E+25
fil : = 488.3187088403
fipunto1 : = 5.9756603290705E+17
fi_gradi : = 27978.601073827
t1 : = 1.0809308324273E-14
tpunto1 : = 1.0003818419416
tduepunti0 : = -3.9785474212617E+14
v=v_elettrone : = 3101438.4400839
x0= : -9.0326144995478E-13
y0= : -4.4784908128444E-12
*****
i=32960
k(32960)=0.99998800039909
kQ(32960)=0.99997600094217
r1= : 4.5690166264495E-12
rpunto1 : = 1468646.0295936
rduepunti0 : = -1.049703743926E+25
fil : = 488.31877892206
fipunto1 : = 5.9752093984873E+17
fi_gradi : = 27978.605089216
t1 : = 1.0809308441596E-14
tpunto1 : = 1.0003817953243
tduepunti0 : = -3.9749172799604E+14
v=v_elettrone : = 3100763.8162841
x0= : -9.0298166207889E-13
y0= : -4.4787232352691E-12
```



```
*****
i=32961
k(32961)=0.99998802050649
kQ(32961)=0.99997604115649
r1= : 4.5691888673368E-12
rpunto1 : = 1467415.0364018
rduepunti0 : = -1.0496307188173E+25
fil : = 488.31884899854
fipunto1 : = 5.9747588965728E+17
fi_gradi : = 27978.609104302
t1 : = 1.080930855892E-14
tpunto1 : = 1.0003817487496
tduepunti0 : = -3.9712881591638E+14
v=v_elettrone : = 3100089.6625433
x0= : -9.0270184124247E-13
y0= : -4.4789554941515E-12
*****
i=32962
k(32962)=0.99998804059563
kQ(32962)=0.99997608133429
r1= : 4.5693609638549E-12
rpunto1 : = 1466184.1287722
rduepunti0 : = -1.0495577624257E+25
fil : = 488.31891906973
fipunto1 : = 5.974308823165E+17
fi_gradi : = 27978.613119086
t1 : = 1.0809308676243E-14
tpunto1 : = 1.0003817022174
tduepunti0 : = -3.967660057776E+14
v=v_elettrone : = 3099415.9771238
x0= : -9.0242198745932E-13
y0= : -4.4791875895016E-12
*****
i=32963
k(32963)=0.99998806066652
kQ(32963)=0.99997612147558
r1= : 4.5695329160137E-12
rpunto1 : = 1464953.3066244
rduepunti0 : = -1.0494848747269E+25
fil : = 488.31898913564
fipunto1 : = 5.9738591781018E+17
fi_gradi : = 27978.617133567
t1 : = 1.0809308793567E-14
tpunto1 : = 1.0003816557277
tduepunti0 : = -3.9640329747019E+14
v=v_elettrone : = 3098742.7602125
x0= : -9.0214210074351E-13
y0= : -4.4794195213294E-12
*****
i=32964
k(32964)=0.99998808071916
kQ(32964)=0.99997616158039
r1= : 4.5697047238233E-12
rpunto1 : = 1463722.5698778
rduepunti0 : = -1.0494120556966E+25
fil : = 488.31905919628
fipunto1 : = 5.9734099612217E+17
fi_gradi : = 27978.621147746
t1 : = 1.080930891089E-14
tpunto1 : = 1.0003816092806
tduepunti0 : = -3.960406908847E+14
v=v_elettrone : = 3098070.013972
x0= : -9.0186218110906E-13
y0= : -4.479651289645E-12
```

```
*****
i=32965
k(32965)=0.99998810075356
kQ(32965)=0.99997620164871
r1= : 4.5698763872937E-12
rpunto1 : = 1462491.918452
rduepunti0 : = -1.0493393053106E+25
fil : = 488.31912925165
fipunto1 : = 5.9729611723629E+17
fi_gradi : = 27978.625161623
t1 : = 1.0809309028214E-14
tpunto1 : = 1.000381562876
tduepunti0 : = -3.9567818591176E+14
v=v_elettrone : = 3097397.7366334
x0= : -9.0158222856976E-13
y0= : -4.4798828944583E-12
*****
i=32966
k(32966)=0.99998812076972
kQ(32966)=0.99997624168056
r1= : 4.5700479064349E-12
rpunto1 : = 1461261.3522663
rduepunti0 : = -1.0492666235447E+25
fil : = 488.31919930176
fipunto1 : = 5.9725128113641E+17
fi_gradi : = 27978.629175199
t1 : = 1.0809309145537E-14
tpunto1 : = 1.0003815165139
tduepunti0 : = -3.9531578244208E+14
v=v_elettrone : = 3096725.9284152
x0= : -9.0130224313962E-13
y0= : -4.4801143357794E-12
*****
i=32967
k(32967)=0.99998814076765
kQ(32967)=0.99997628167594
r1= : 4.5702192812569E-12
rpunto1 : = 1460030.8712404
rduepunti0 : = -1.0491940103747E+25
fil : = 488.31926934661
fipunto1 : = 5.972064878064E+17
fi_gradi : = 27978.633188473
t1 : = 1.080930926286E-14
tpunto1 : = 1.0003814701942
tduepunti0 : = -3.9495348036644E+14
v=v_elettrone : = 3096054.5914492
x0= : -9.0102222483263E-13
y0= : -4.4803456136182E-12
*****
i=32968
k(32968)=0.99998816074735
kQ(32968)=0.99997632163486
r1= : 4.5703905117697E-12
rpunto1 : = 1458800.4752939
rduepunti0 : = -1.0491214657765E+25
fil : = 488.31933938621
fipunto1 : = 5.9716173723018E+17
fi_gradi : = 27978.637201446
t1 : = 1.0809309380184E-14
tpunto1 : = 1.0003814239171
tduepunti0 : = -3.9459127957567E+14
v=v_elettrone : = 3095383.7239882
x0= : -9.0074217366253E-13
y0= : -4.4805767279847E-12
```

```
*****
i=32969
k(32969)=0.99998818070882
kQ(32969)=0.99997636155735
r1= : 4.5705615979833E-12
rpunto1 : = 1457570.1643463
rduepunti0 : = -1.049048989726E+25
fil : = 488.31940942056
fipunto1 : = 5.9711702939165E+17
fi_gradi : = 27978.641214119
t1 : = 1.0809309497507E-14
tpunto1 : = 1.0003813776824
tduepunti0 : = -3.9422917996071E+14
v=v_elettrone : = 3094713.3262381
x0= : -9.0046208964329E-13
y0= : -4.4808076788889E-12
*****
i=32970
k(32970)=0.99998820065208
kQ(32970)=0.99997640144339
r1= : 4.5707325399076E-12
rpunto1 : = 1456339.9383174
rduepunti0 : = -1.0489765821991E+25
fil : = 488.31947944966
fipunto1 : = 5.9707236427474E+17
fi_gradi : = 27978.645226491
t1 : = 1.0809309614831E-14
tpunto1 : = 1.0003813314902
tduepunti0 : = -3.9386718141254E+14
v=v_elettrone : = 3094043.3983929
x0= : -9.0018197278888E-13
y0= : -4.4810384663407E-12
*****
i=32971
k(32971)=0.99998822057713
kQ(32971)=0.99997644129301
r1= : 4.5709033375526E-12
rpunto1 : = 1455109.7971267
rduepunti0 : = -1.0489042431716E+25
fil : = 488.31954947353
fipunto1 : = 5.9702774186342E+17
fi_gradi : = 27978.649238563
t1 : = 1.0809309732154E-14
tpunto1 : = 1.0003812853404
tduepunti0 : = -3.9350528382223E+14
v=v_elettrone : = 3093373.9425949
x0= : -8.9990182311323E-13
y0= : -4.4812690903501E-12
*****
i=32972
k(32972)=0.99998824048396
kQ(32972)=0.99997648110621
r1= : 4.5710739909283E-12
rpunto1 : = 1453879.7406939
rduepunti0 : = -1.0488319726197E+25
fil : = 488.31961949216
fipunto1 : = 5.9698316214165E+17
fi_gradi : = 27978.653250335
t1 : = 1.0809309849478E-14
tpunto1 : = 1.000381239233
tduepunti0 : = -3.931434870809E+14
v=v_elettrone : = 3092704.9551461
x0= : -8.9962164063003E-13
y0= : -4.4814995509271E-12
```

```
*****
i=32973
k(32973)=0.9999882603726
kQ(32973)=0.99997652088301
r1= : 4.5712445000445E-12
rpunto1: = 1452649.7689389
rduepunti0 : = -1.0487597705192E+25
fil : = 488.31968950557
fipunto1 : = 5.9693862509342E+17
fi_gradi : = 27978.657261808
t1 : = 1.0809309966801E-14
tpunto1 : = 1.0003811931681
tduepunti0 : = -3.9278179107978E+14
v=v_elettrone : = 3092036.4401512
x0= : -8.9934142535346E-13
y0= : -4.4817298480814E-12
*****
i=32974
k(32974)=0.99998828024303
kQ(32974)=0.99997656062341
r1= : 4.5714148649113E-12
rpunto1: = 1451419.8817813
rduepunti0 : = -1.0486876368462E+25
fil : = 488.31975951375
fipunto1 : = 5.9689413070274E+17
fi_gradi : = 27978.661272981
t1 : = 1.0809310084124E-14
tpunto1 : = 1.0003811471456
tduepunti0 : = -3.9242019571014E+14
v=v_elettrone : = 3091368.3939035
x0= : -8.9906117729716E-13
y0= : -4.4819599818232E-12
*****
i=32975
k(32975)=0.99998830009526
kQ(32975)=0.99997660032742
r1= : 4.5715850855385E-12
rpunto1: = 1450190.0791408
rduepunti0 : = -1.0486155715768E+25
fil : = 488.31982951671
fipunto1 : = 5.9684967895364E+17
fi_gradi : = 27978.665283856
t1 : = 1.0809310201448E-14
tpunto1 : = 1.0003811011654
tduepunti0 : = -3.9205870086333E+14
v=v_elettrone : = 3090700.820501
x0= : -8.9878089647529E-13
y0= : -4.4821899521621E-12
*****
i=32976
k(32976)=0.99998831992931
kQ(32976)=0.99997663999505
r1= : 4.5717551619361E-12
rpunto1: = 1448960.3609374
rduepunti0 : = -1.0485435746869E+25
fil : = 488.31989951446
fipunto1 : = 5.9680526983016E+17
fi_gradi : = 27978.669294431
t1 : = 1.0809310318771E-14
tpunto1 : = 1.0003810552277
tduepunti0 : = -3.9169730643077E+14
v=v_elettrone : = 3090033.7181884
x0= : -8.9850058290147E-13
y0= : -4.4824197591082E-12
```

```
*****
i=32977
k(32977)=0.99998833974518
kQ(32977)=0.99997667962631
r1= : 4.5719250941139E-12
rpunto1 : = 1447730.7270909
rduepunti0 : = -1.0484716461527E+25
fil : = 488.31996950701
fipunto1 : = 5.9676090331636E+17
fi_gradi : = 27978.673304709
t1 : = 1.0809310436095E-14
tpunto1 : = 1.0003810093323
tduepunti0 : = -3.9133601230396E+14
v=v_elettrone : = 3089367.0852319
x0= : -8.9822023658956E-13
y0= : -4.4826494026714E-12
*****
i=32978
k(32978)=0.99998835954286
kQ(32978)=0.99997671922122
r1= : 4.5720948820818E-12
rpunto1 : = 1446501.177521
rduepunti0 : = -1.0483997859504E+25
fil : = 488.32003949434
fipunto1 : = 5.9671657939633E+17
fi_gradi : = 27978.677314688
t1 : = 1.0809310553418E-14
tpunto1 : = 1.0003809634793
tduepunti0 : = -3.9097481837446E+14
v=v_elettrone : = 3088700.9257057
x0= : -8.9793985755369E-13
y0= : -4.4828788828614E-12
*****
i=32979
k(32979)=0.99998837932236
kQ(32979)=0.99997675877977
r1= : 4.5722645258498E-12
rpunto1 : = 1445271.7121478
rduepunti0 : = -1.048327994056E+25
fil : = 488.32010947649
fipunto1 : = 5.9667229805416E+17
fi_gradi : = 27978.681324369
t1 : = 1.0809310670741E-14
tpunto1 : = 1.0003809176686
tduepunti0 : = -3.9061372453391E+14
v=v_elettrone : = 3088035.2359232
x0= : -8.9765944580744E-13
y0= : -4.4831081996882E-12
*****
i=32980
k(32980)=0.9999883990837
kQ(32980)=0.99997679830198
r1= : 4.5724340254278E-12
rpunto1 : = 1444042.330891
rduepunti0 : = -1.0482562704458E+25
fil : = 488.32017945343
fipunto1 : = 5.9662805927396E+17
fi_gradi : = 27978.685333753
t1 : = 1.0809310788065E-14
tpunto1 : = 1.0003808719003
tduepunti0 : = -3.9025273067402E+14
v=v_elettrone : = 3087370.0199849
x0= : -8.9737900136489E-13
y0= : -4.4833373531616E-12
```

```
*****
i=32981
k(32981)=0.99998841882687
kQ(32981)=0.99997683778787
r1= : 4.5726033808254E-12
rpunto1 : = 1442813.0336707
rduepunti0 : = -1.0481846150959E+25
fil : = 488.32024942519
fipunto1 : = 5.9658386303989E+17
fi_gradi : = 27978.689342839
t1 : = 1.0809310905388E-14
tpunto1 : = 1.0003808261743
tduepunti0 : = -3.8989183668656E+14
v=v_elettrone : = 3086705.2741803
x0= : -8.9709852423959E-13
y0= : -4.4835663432915E-12
*****
i=32982
k(32982)=0.99998843855188
kQ(32982)=0.99997687723743
r1= : 4.5727725920527E-12
rpunto1 : = 1441583.8204069
rduepunti0 : = -1.0481130279827E+25
fil : = 488.32031939177
fipunto1 : = 5.9653970933608E+17
fi_gradi : = 27978.693351629
t1 : = 1.0809311022711E-14
tpunto1 : = 1.0003807804906
tduepunti0 : = -3.8953104246338E+14
v=v_elettrone : = 3086040.9987091
x0= : -8.9681801444562E-13
y0= : -4.4837951700877E-12
*****
i=32983
k(32983)=0.99998845825873
kQ(32983)=0.99997691665067
r1= : 4.5729416591195E-12
rpunto1 : = 1440354.6910194
rduepunti0 : = -1.0480415090822E+25
fil : = 488.32038935317
fipunto1 : = 5.9649559814671E+17
fi_gradi : = 27978.697360122
t1 : = 1.0809311140035E-14
tpunto1 : = 1.0003807348492
tduepunti0 : = -3.8917034789641E+14
v=v_elettrone : = 3085377.1976772
x0= : -8.9653747199701E-13
y0= : -4.48402383356E-12
*****
i=32984
k(32984)=0.99998847794743
kQ(32984)=0.99997695602762
r1= : 4.5731105820356E-12
rpunto1 : = 1439125.6454285
rduepunti0 : = -1.047970058371E+25
fil : = 488.32045930939
fipunto1 : = 5.9645152945596E+17
fi_gradi : = 27978.701368318
t1 : = 1.0809311257358E-14
tpunto1 : = 1.0003806892501
tduepunti0 : = -3.8880975287764E+14
v=v_elettrone : = 3084713.8673716
x0= : -8.9625689690728E-13
y0= : -4.4842523337182E-12
```

```
*****
i=32985
k(32985)=0.99998849761798
kQ(32985)=0.99997699536827
r1= : 4.5732793608109E-12
rpunto1 : = 1437896.683554
rduepunti0 : = -1.0478986758251E+25
fil : = 488.32052926045
fipunto1 : = 5.9640750324806E+17
fi_gradi : = 27978.705376218
t1 : = 1.0809311374681E-14
tpunto1 : = 1.0003806436933
tduepunti0 : = -3.8844925729912E+14
v=v_elettrone : = 3084051.0099588
x0= : -8.9597628919046E-13
y0= : -4.4844806705721E-12
*****
i=32986
k(32986)=0.9999885172704
kQ(32986)=0.99997703467264
r1= : 4.5734479954551E-12
rpunto1 : = 1436667.8053162
rduepunti0 : = -1.047827361421E+25
fil : = 488.32059920634
fipunto1 : = 5.9636351950722E+17
fi_gradi : = 27978.709383823
t1 : = 1.0809311492005E-14
tpunto1 : = 1.0003805981787
tduepunti0 : = -3.88088861053E+14
v=v_elettrone : = 3083388.6256188
x0= : -8.9569564886029E-13
y0= : -4.4847088441315E-12
*****
i=32987
k(32987)=0.99998853690467
kQ(32987)=0.99997707394074
r1= : 4.573616485978E-12
rpunto1 : = 1435439.0106351
rduepunti0 : = -1.0477561151351E+25
fil : = 488.32066914707
fipunto1 : = 5.9631957821768E+17
fi_gradi : = 27978.713391132
t1 : = 1.0809311609328E-14
tpunto1 : = 1.0003805527064
tduepunti0 : = -3.8772856403147E+14
v=v_elettrone : = 3082726.7126123
x0= : -8.9541497593052E-13
y0= : -4.4849368544062E-12
*****
i=32988
k(32988)=0.99998855652081
kQ(32988)=0.99997711317257
r1= : 4.5737848323895E-12
rpunto1 : = 1434210.2994308
rduepunti0 : = -1.0476849369437E+25
fil : = 488.32073908265
fipunto1 : = 5.9627567936371E+17
fi_gradi : = 27978.717398145
t1 : = 1.0809311726651E-14
tpunto1 : = 1.0003805072764
tduepunti0 : = -3.873683661268E+14
v=v_elettrone : = 3082065.2730904
x0= : -8.9513427041511E-13
y0= : -4.485164701406E-12
```

```
*****
i=32989
k(32989)=0.99998857611882
kQ(32989)=0.99997715236814
r1= : 4.5739530346994E-12
rpunto1 : = 1432981.6716235
rduepunti0 : = -1.0476138268232E+25
fil : = 488.32080901309
fipunto1 : = 5.9623182292959E+17
fi_gradi : = 27978.721404864
t1 : = 1.0809311843975E-14
tpunto1 : = 1.0003804618886
tduepunti0 : = -3.8700826723135E+14
v=v_elettrone : = 3081404.3052791
x0= : -8.9485353232778E-13
y0= : -4.4853923851406E-12
*****
i=32990
k(32990)=0.99998859569871
kQ(32990)=0.99997719152747
r1= : 4.5741210929174E-12
rpunto1 : = 1431753.1271335
rduepunti0 : = -1.0475427847502E+25
fil : = 488.32087893838
fipunto1 : = 5.9618800889961E+17
fi_gradi : = 27978.725411288
t1 : = 1.0809311961298E-14
tpunto1 : = 1.0003804165429
tduepunti0 : = -3.8664826723752E+14
v=v_elettrone : = 3080743.8113546
x0= : -8.9457276168249E-13
y0= : -4.4856199056197E-12
*****
i=32991
k(32991)=0.99998861526047
kQ(32991)=0.99997723065056
r1= : 4.5742890070534E-12
rpunto1 : = 1430524.6658809
rduepunti0 : = -1.047471810701E+25
fil : = 488.32094885853
fipunto1 : = 5.961442372581E+17
fi_gradi : = 27978.729417417
t1 : = 1.0809312078621E-14
tpunto1 : = 1.0003803712396
tduepunti0 : = -3.8628836603779E+14
v=v_elettrone : = 3080083.7915082
x0= : -8.9429195849293E-13
y0= : -4.4858472628531E-12
*****
i=32992
k(32992)=0.99998863480413
kQ(32992)=0.99997726973743
r1= : 4.574456777117E-12
rpunto1 : = 1429296.2877859
rduepunti0 : = -1.0474009046521E+25
fil : = 488.32101877354
fipunto1 : = 5.9610050798938E+17
fi_gradi : = 27978.733423253
t1 : = 1.0809312195945E-14
tpunto1 : = 1.0003803259784
tduepunti0 : = -3.8592856352473E+14
v=v_elettrone : = 3079424.2439881
x0= : -8.9401112277275E-13
y0= : -4.4860744568506E-12
```



```
*****
i=32993
k(32993)=0.99998865432967
kQ(32993)=0.99997730878807
r1= : 4.574624403118E-12
rpunto1 : = 1428067.992769
rduepunti0 : = -1.0473300665802E+25
fil : = 488.32108868343
fipunto1 : = 5.960568210778E+17
fi_gradi : = 27978.737428794
t1 : = 1.0809312313268E-14
tpunto1 : = 1.0003802807593
tduepunti0 : = -3.8556885959096E+14
v=v_elettrone : = 3078765.1689735
x0= : -8.9373025453589E-13
y0= : -4.4863014876219E-12
*****
i=32994
k(32994)=0.99998867383711
kQ(32994)=0.99997734780251
r1= : 4.5747918850661E-12
rpunto1 : = 1426839.7807503
rduepunti0 : = -1.0472592964617E+25
fil : = 488.3211585882
fipunto1 : = 5.9601317650775E+17
fi_gradi : = 27978.741434042
t1 : = 1.0809312430591E-14
tpunto1 : = 1.0003802355825
tduepunti0 : = -3.8520925412917E+14
v=v_elettrone : = 3078106.5686398
x0= : -8.9344935379623E-13
y0= : -4.4865283551766E-12
*****
i=32995
k(32995)=0.99998869332645
kQ(32995)=0.99997738678075
r1= : 4.5749592229712E-12
rpunto1 : = 1425611.6516502
rduepunti0 : = -1.0471885942732E+25
fil : = 488.32122848784
fipunto1 : = 5.959695742636E+17
fi_gradi : = 27978.745438997
t1 : = 1.0809312547915E-14
tpunto1 : = 1.0003801904478
tduepunti0 : = -3.8484974703212E+14
v=v_elettrone : = 3077448.4412236
x0= : -8.9316842056742E-13
y0= : -4.4867550595244E-12
*****
i=32996
k(32996)=0.9999887127977
kQ(32996)=0.9999774257228
r1= : 4.5751264168429E-12
rpunto1 : = 1424383.6053891
rduepunti0 : = -1.0471179599913E+25
fil : = 488.32129838238
fipunto1 : = 5.9592601432976E+17
fi_gradi : = 27978.749443659
t1 : = 1.0809312665238E-14
tpunto1 : = 1.0003801453553
tduepunti0 : = -3.8449033819265E+14
v=v_elettrone : = 3076790.7869231
x0= : -8.9288745486334E-13
y0= : -4.4869816006751E-12
```

```
*****
i=32997
k(32997)=0.99998873225085
kQ(32997)=0.99997746462866
r1= : 4.575293466691E-12
rpunto1: = 1423155.6418873
rduepunti0 : = -1.0470473935927E+25
fil : = 488.3213682718
fipunto1 : = 5.9588249669065E+17
fi_gradi : = 27978.753448028
t1 : = 1.0809312782561E-14
tpunto1 : = 1.0003801003049
tduepunti0 : = -3.8413102750366E+14
v=v_elettrone : = 3076133.6078952
x0= : -8.9260645669783E-13
y0= : -4.4872079786383E-12
*****
i=32998
k(32998)=0.99998875168592
kQ(32998)=0.99997750349836
r1= : 4.5754603725251E-12
rpunto1: = 1421927.7610653
rduepunti0 : = -1.046976895054E+25
fil : = 488.32143815612
fipunto1 : = 5.9583902133072E+17
fi_gradi : = 27978.757452104
t1 : = 1.0809312899884E-14
tpunto1 : = 1.0003800552967
tduepunti0 : = -3.8377181485812E+14
v=v_elettrone : = 3075476.9004095
x0= : -8.923254260845E-13
y0= : -4.4874341934237E-12
*****
i=32999
k(32999)=0.9999887711029
kQ(32999)=0.99997754233189
r1= : 4.5756271343549E-12
rpunto1: = 1420699.9628435
rduepunti0 : = -1.0469064643518E+25
fil : = 488.32150803534
fipunto1 : = 5.9579558823442E+17
fi_gradi : = 27978.761455889
t1 : = 1.0809313017208E-14
tpunto1 : = 1.0003800103305
tduepunti0 : = -3.8341270014907E+14
v=v_elettrone : = 3074820.6705732
x0= : -8.9204436303745E-13
y0= : -4.4876602450409E-12
*****
i=33000
k(33000)=0.99998879050181
kQ(33000)=0.99997758112927
r1= : 4.5757937521902E-12
rpunto1: = 1419472.2471424
rduepunti0 : = -1.0468361014629E+25
fil : = 488.32157790947
fipunto1 : = 5.9575219738624E+17
fi_gradi : = 27978.765459382
t1 : = 1.0809313134531E-14
tpunto1 : = 1.0003799654065
tduepunti0 : = -3.8305368326963E+14
v=v_elettrone : = 3074164.9126791
x0= : -8.9176326756998E-13
y0= : -4.4878861334996E-12
```

```
*****
i=33001
k(33001)=0.99998880988264
kQ(33001)=0.99997761989051
r1= : 4.5759602260405E-12
rpunto1 : = 1418244.6138825
rduepunti0 : = -1.0467658063641E+25
fil : = 488.32164777851
fipunto1 : = 5.9570884877066E+17
fi_gradi : = 27978.769462583
t1 : = 1.0809313251854E-14
tpunto1 : = 1.0003799205245
tduepunti0 : = -3.8269476411298E+14
v=v_elettrone : = 3073509.6288882
x0= : -8.9148213969617E-13
y0= : -4.4881118588094E-12
*****
i=33002
k(33002)=0.99998882924541
kQ(33002)=0.99997765861561
r1= : 4.5761265559157E-12
rpunto1 : = 1417017.0629842
rduepunti0 : = -1.0466955790321E+25
fil : = 488.32171764247
fipunto1 : = 5.956655423722E+17
fi_gradi : = 27978.773465492
t1 : = 1.0809313369177E-14
tpunto1 : = 1.0003798756847
tduepunti0 : = -3.8233594257236E+14
v=v_elettrone : = 3072854.8213787
x0= : -8.9120097942981E-13
y0= : -4.4883374209799E-12
*****
i=33003
k(33003)=0.99998884859012
kQ(33003)=0.99997769730459
r1= : 4.5762927418252E-12
rpunto1 : = 1415789.5943682
rduepunti0 : = -1.0466254194436E+25
fil : = 488.32178750134
fipunto1 : = 5.956222781754E+17
fi_gradi : = 27978.777468111
t1 : = 1.0809313486501E-14
tpunto1 : = 1.0003798308869
tduepunti0 : = -3.8197721854109E+14
v=v_elettrone : = 3072200.488377
x0= : -8.9091978678443E-13
y0= : -4.4885628200207E-12
*****
i=33004
k(33004)=0.99998886791676
kQ(33004)=0.99997773595745
r1= : 4.5764587837789E-12
rpunto1 : = 1414562.207955
rduepunti0 : = -1.0465553275755E+25
fil : = 488.32185735515
fipunto1 : = 5.9557905616479E+17
fi_gradi : = 27978.781470439
t1 : = 1.0809313603824E-14
tpunto1 : = 1.0003797861312
tduepunti0 : = -3.8161859191257E+14
v=v_elettrone : = 3071546.6300822
x0= : -8.9063856177381E-13
y0= : -4.4887880559416E-12
```

```
*****
i=33005
k(33005)=0.99998888722536
kQ(33005)=0.99997777457421
r1= : 4.5766246817863E-12
rpunto1: = 1413334.9036653
rduepunti0 : = -1.0464853034046E+25
fil : = 488.32192720388
fipunto1 : = 5.9553587632495E+17
fi_gradi : = 27978.785472477
t1 : = 1.0809313721147E-14
tpunto1 : = 1.0003797414175
tduepunti0 : = -3.8126006258024E+14
v=v_elettrone : = 3070893.24472
x0= : -8.903573044117E-13
y0= : -4.489013128752E-12
*****
i=33006
k(33006)=0.9999889065159
kQ(33006)=0.99997781315486
r1= : 4.576790435857E-12
rpunto1: = 1412107.6814196
rduepunti0 : = -1.0464153469079E+25
fil : = 488.32199704755
fipunto1 : = 5.9549273864046E+17
fi_gradi : = 27978.789474224
t1 : = 1.080931383847E-14
tpunto1 : = 1.0003796967458
tduepunti0 : = -3.8090163043763E+14
v=v_elettrone : = 3070240.3364385
x0= : -8.9007601471212E-13
y0= : -4.4892380384615E-12
*****
i=33007
k(33007)=0.9999889257884
kQ(33007)=0.99997785169943
r1= : 4.5769560460007E-12
rpunto1: = 1410880.5411387
rduepunti0 : = -1.0463454580621E+25
fil : = 488.32206688616
fipunto1 : = 5.9544964309592E+17
fi_gradi : = 27978.793475682
t1 : = 1.0809313955794E-14
tpunto1 : = 1.0003796521162
tduepunti0 : = -3.8054329537834E+14
v=v_elettrone : = 3069587.9034602
x0= : -8.8979469268854E-13
y0= : -4.4894627850797E-12
*****
i=33008
k(33008)=0.99998894504286
kQ(33008)=0.99997789020792
r1= : 4.5771215122271E-12
rpunto1: = 1409653.4827431
rduepunti0 : = -1.0462756368442E+25
fil : = 488.32213671971
fipunto1 : = 5.9540658967596E+17
fi_gradi : = 27978.79747685
t1 : = 1.0809314073117E-14
tpunto1 : = 1.0003796075286
tduepunti0 : = -3.8018505729602E+14
v=v_elettrone : = 3068935.9459845
x0= : -8.8951333835469E-13
y0= : -4.4896873686162E-12
```

```
*****
i=33009
k(33009)=0.99998896427928
kQ(33009)=0.99997792868034
r1= : 4.5772868345456E-12
rpunto1 : = 1408426.5061537
rduepunti0 : = -1.0462058832312E+25
fil : = 488.32220654822
fipunto1 : = 5.9536357836521E+17
fi_gradi : = 27978.801477729
t1 : = 1.080931419044E-14
tpunto1 : = 1.000379562983
tduepunti0 : = -3.7982691608442E+14
v=v_elettrone : = 3068284.464213
x0= : -8.8923195172426E-13
y0= : -4.4899117890805E-12
*****
i=33010
k(33010)=0.99998898349767
kQ(33010)=0.9999779671167
r1= : 4.5774520129659E-12
rpunto1 : = 1407199.6112912
rduepunti0 : = -1.0461361971999E+25
fil : = 488.32227637168
fipunto1 : = 5.9532060914832E+17
fi_gradi : = 27978.805478318
t1 : = 1.0809314307763E-14
tpunto1 : = 1.0003795184794
tduepunti0 : = -3.7946887163732E+14
v=v_elettrone : = 3067633.4563796
x0= : -8.8895053281097E-13
y0= : -4.4901360464822E-12
*****
i=33011
k(33011)=0.99998900269804
kQ(33011)=0.99997800551701
r1= : 4.5776170474975E-12
rpunto1 : = 1405972.7980763
rduepunti0 : = -1.0460665787275E+25
fil : = 488.32234619011
fipunto1 : = 5.9527768200997E+17
fi_gradi : = 27978.809478619
t1 : = 1.0809314425086E-14
tpunto1 : = 1.0003794740178
tduepunti0 : = -3.7911092384859E+14
v=v_elettrone : = 3066982.924645
x0= : -8.8866908162875E-13
y0= : -4.4903601408308E-12
*****
i=33012
k(33012)=0.99998902188038
kQ(33012)=0.99997804388128
r1= : 4.5777819381501E-12
rpunto1 : = 1404746.0664298
rduepunti0 : = -1.045997027791E+25
fil : = 488.3224160035
fipunto1 : = 5.9523479693485E+17
fi_gradi : = 27978.813478632
t1 : = 1.080931454241E-14
tpunto1 : = 1.0003794295981
tduepunti0 : = -3.7875307261218E+14
v=v_elettrone : = 3066332.8711879
x0= : -8.8838759819128E-13
y0= : -4.4905840721358E-12
```

```
*****
i=33013
k(33013)=0.99998904104471
kQ(33013)=0.99997808220951
r1= : 4.5779466849333E-12
rpunto1 : = 1403519.4162725
rduepunti0 : = -1.0459275443673E+25
fil : = 488.32248581186
fipunto1 : = 5.9519195390767E+17
fi_gradi : = 27978.817478356
t1 : = 1.0809314659733E-14
tpunto1 : = 1.0003793852204
tduepunti0 : = -3.7839531782208E+14
v=v_elettrone : = 3065683.2922579
x0= : -8.8810608251195E-13
y0= : -4.4908078404068E-12
*****
i=33014
k(33014)=0.99998906019102
kQ(33014)=0.99997812050172
r1= : 4.5781112878565E-12
rpunto1 : = 1402292.8475254
rduepunti0 : = -1.0458581284336E+25
fil : = 488.32255561519
fipunto1 : = 5.9514915291315E+17
fi_gradi : = 27978.821477793
t1 : = 1.0809314777056E-14
tpunto1 : = 1.0003793408846
tduepunti0 : = -3.7803765937237E+14
v=v_elettrone : = 3065034.1880534
x0= : -8.8782453460467E-13
y0= : -4.4910314456532E-12
*****
i=33015
k(33015)=0.99998907931933
kQ(33015)=0.99997815875792
r1= : 4.5782757469293E-12
rpunto1 : = 1401066.3601093
rduepunti0 : = -1.0457887799669E+25
fil : = 488.3226254135
fipunto1 : = 5.9510639393604E+17
fi_gradi : = 27978.825476942
t1 : = 1.0809314894379E-14
tpunto1 : = 1.0003792965908
tduepunti0 : = -3.7768009715718E+14
v=v_elettrone : = 3064385.5627332
x0= : -8.8754295448332E-13
y0= : -4.4912548878845E-12
*****
i=33016
k(33016)=0.99998909842963
kQ(33016)=0.99997819697811
r1= : 4.5784400621613E-12
rpunto1 : = 1399839.953945
rduepunti0 : = -1.0457194989445E+25
fil : = 488.3226952068
fipunto1 : = 5.950636769611E+17
fi_gradi : = 27978.829475803
t1 : = 1.0809315011702E-14
tpunto1 : = 1.0003792523389
tduepunti0 : = -3.7732263107072E+14
v=v_elettrone : = 3063737.4125374
x0= : -8.8726134216128E-13
y0= : -4.4914781671102E-12
```

```
*****
i=33017
k(33017)=0.99998911752193
kQ(33017)=0.9999782351623
r1= : 4.578604233562E-12
rpunto1: = 1398613.6289535
rduepunti0 : = -1.0456502853433E+25
fil : = 488.3227649951
fipunto1 : = 5.9502100197311E+17
fi_gradi : = 27978.833474378
t1 : = 1.0809315129025E-14
tpunto1 : = 1.0003792081289
tduepunti0 : = -3.7696526100728E+14
v=v_elettrone : = 3063089.7396454
x0= : -8.8697969765241E-13
y0= : -4.4917012833397E-12
*****
i=33018
k(33018)=0.99998913659624
kQ(33018)=0.9999782733105
r1= : 4.5787682611408E-12
rpunto1: = 1397387.3850558
rduepunti0 : = -1.0455811391407E+25
fil : = 488.32283477838
fipunto1 : = 5.9497836895686E+17
fi_gradi : = 27978.837472665
t1 : = 1.0809315246349E-14
tpunto1 : = 1.0003791639608
tduepunti0 : = -3.7660798686118E+14
v=v_elettrone : = 3062442.5422772
x0= : -8.866980209703E-13
y0= : -4.4919242365827E-12
*****
i=33019
k(33019)=0.99998915565256
kQ(33019)=0.99997831142273
r1= : 4.5789321449074E-12
rpunto1: = 1396161.2221728
rduepunti0 : = -1.0455120603139E+25
fil : = 488.32290455667
fipunto1 : = 5.9493577789718E+17
fi_gradi : = 27978.841470667
t1 : = 1.0809315363672E-14
tpunto1 : = 1.0003791198346
tduepunti0 : = -3.7625080852685E+14
v=v_elettrone : = 3061795.8226103
x0= : -8.864163121288E-13
y0= : -4.4921470268484E-12
*****
i=33020
k(33020)=0.9999891746909
kQ(33020)=0.99997834949899
r1= : 4.5790958848713E-12
rpunto1: = 1394935.1402256
rduepunti0 : = -1.0454430488399E+25
fil : = 488.32297432996
fipunto1 : = 5.9489322877889E+17
fi_gradi : = 27978.845468382
t1 : = 1.0809315480995E-14
tpunto1 : = 1.0003790757503
tduepunti0 : = -3.7589372589876E+14
v=v_elettrone : = 3061149.5808447
x0= : -8.8613457114146E-13
y0= : -4.4923696541463E-12
```

```
*****
i=33021
k(33021)=0.99998919371125
kQ(33021)=0.99997838753928
r1= : 4.5792594810418E-12
rpunto1 : = 1393709.1391352
rduepunti0 : = -1.0453741046962E+25
fil : = 488.32304409826
fipunto1 : = 5.9485072158683E+17
fi_gradi : = 27978.849465811
t1 : = 1.0809315598318E-14
tpunto1 : = 1.0003790317078
tduepunti0 : = -3.7553673887145E+14
v=v_elettrone : = 3060503.8152032
x0= : -8.8585279802187E-13
y0= : -4.4925921184859E-12
*****
i=33022
k(33022)=0.99998921271363
kQ(33022)=0.99997842554363
r1= : 4.5794229334285E-12
rpunto1 : = 1392483.2188227
rduepunti0 : = -1.04530522786E+25
fil : = 488.32311386157
fipunto1 : = 5.9480825630589E+17
fi_gradi : = 27978.853462955
t1 : = 1.0809315715641E-14
tpunto1 : = 1.0003789877072
tduepunti0 : = -3.7517984733954E+14
v=v_elettrone : = 3059858.5278628
x0= : -8.855709927838E-13
y0= : -4.4928144198766E-12
*****
i=33023
k(33023)=0.99998923169804
kQ(33023)=0.99997846351203
r1= : 4.5795862420409E-12
rpunto1 : = 1391257.379209
rduepunti0 : = -1.0452364183087E+25
fil : = 488.32318361991
fipunto1 : = 5.9476583292094E+17
fi_gradi : = 27978.857459813
t1 : = 1.0809315832964E-14
tpunto1 : = 1.0003789437485
tduepunti0 : = -3.7482305119771E+14
v=v_elettrone : = 3059213.7170493
x0= : -8.852891554408E-13
y0= : -4.4930365583278E-12
*****
i=33024
k(33024)=0.99998925066448
kQ(33024)=0.9999785014445
r1= : 4.5797494068884E-12
rpunto1 : = 1390031.6202155
rduepunti0 : = -1.0451676760194E+25
fil : = 488.32325337327
fipunto1 : = 5.9472345141689E+17
fi_gradi : = 27978.861456386
t1 : = 1.0809315950288E-14
tpunto1 : = 1.0003788998315
tduepunti0 : = -3.7446635034071E+14
v=v_elettrone : = 3058569.382957
x0= : -8.8500728600664E-13
y0= : -4.4932585338488E-12
```



```
*****
i=33025
k(33025)=0.99998926961295
kQ(33025)=0.99997853934105
r1= : 4.5799124279805E-12
rpunto1 : = 1388805.9417631
rduepunti0 : = -1.0450990009697E+25
fil : = 488.32332312166
fipunto1 : = 5.9468111177865E+17
fi_gradi : = 27978.865452674
t1 : = 1.0809316067611E-14
tpunto1 : = 1.0003788559564
tduepunti0 : = -3.7410974466335E+14
v=v_elettrone : = 3057925.5277632
x0= : -8.8472538449509E-13
y0= : -4.4934803464492E-12
*****
i=33026
k(33026)=0.99998928854347
kQ(33026)=0.99997857720168
r1= : 4.5800753053267E-12
rpunto1 : = 1387580.3437731
rduepunti0 : = -1.0450303931368E+25
fil : = 488.32339286508
fipunto1 : = 5.9463881399117E+17
fi_gradi : = 27978.869448678
t1 : = 1.0809316184934E-14
tpunto1 : = 1.0003788121231
tduepunti0 : = -3.7375323406051E+14
v=v_elettrone : = 3057282.1516746
x0= : -8.8444345091965E-13
y0= : -4.4937019961381E-12
*****
i=33027
k(33027)=0.99998930745604
kQ(33027)=0.99997861502641
r1= : 4.5802380389363E-12
rpunto1 : = 1386354.8261667
rduepunti0 : = -1.0449618524982E+25
fil : = 488.32346260354
fipunto1 : = 5.9459655803939E+17
fi_gradi : = 27978.873444398
t1 : = 1.0809316302257E-14
tpunto1 : = 1.0003787683317
tduepunti0 : = -3.7339681842715E+14
v=v_elettrone : = 3056639.2509287
x0= : -8.8416148529378E-13
y0= : -4.4939234829252E-12
*****
i=33028
k(33028)=0.99998932635065
kQ(33028)=0.99997865281523
r1= : 4.5804006288188E-12
rpunto1 : = 1385129.3888651
rduepunti0 : = -1.0448933790314E+25
fil : = 488.32353233705
fipunto1 : = 5.945543439083E+17
fi_gradi : = 27978.877439833
t1 : = 1.080931641958E-14
tpunto1 : = 1.0003787245819
tduepunti0 : = -3.7304049765826E+14
v=v_elettrone : = 3055996.8296836
x0= : -8.8387948763149E-13
y0= : -4.4941448068196E-12
```

```
*****
i=33029
k(33029)=0.99998934522732
kQ(33029)=0.99997869056817
r1= : 4.5805630749836E-12
rpunto1 : = 1383904.0317895
rduepunti0 : = -1.0448249727138E+25
fil : = 488.32360206561
fipunto1 : = 5.9451217158287E+17
fi_gradi : = 27978.881434985
t1 : = 1.0809316536903E-14
tpunto1 : = 1.000378680874
tduepunti0 : = -3.7268427164895E+14
v=v_elettrone : = 3055354.8881377
x0= : -8.8359745794622E-13
y0= : -4.4943659678307E-12
*****
i=33030
k(33030)=0.99998936408606
kQ(33030)=0.99997872828524
r1= : 4.5807253774402E-12
rpunto1 : = 1382678.7548612
rduepunti0 : = -1.0447566335229E+25
fil : = 488.32367178922
fipunto1 : = 5.9447004104813E+17
fi_gradi : = 27978.885429854
t1 : = 1.0809316654226E-14
tpunto1 : = 1.0003786372079
tduepunti0 : = -3.7232814029435E+14
v=v_elettrone : = 3054713.4225358
x0= : -8.8331539625143E-13
y0= : -4.4945869659679E-12
*****
i=33031
k(33031)=0.99998938292685
kQ(33031)=0.99997876596643
r1= : 4.5808875361978E-12
rpunto1 : = 1381453.5580015
rduepunti0 : = -1.0446883614362E+25
fil : = 488.32374150789
fipunto1 : = 5.9442795228908E+17
fi_gradi : = 27978.889424439
t1 : = 1.0809316771549E-14
tpunto1 : = 1.0003785935835
tduepunti0 : = -3.7197210348968E+14
v=v_elettrone : = 3054072.4370368
x0= : -8.8303330256105E-13
y0= : -4.4948078012405E-12
*****
i=33032
k(33032)=0.99998940174972
kQ(33032)=0.99997880361176
r1= : 4.581049551266E-12
rpunto1 : = 1380228.4411318
rduepunti0 : = -1.0446201564312E+25
fil : = 488.32381122162
fipunto1 : = 5.9438590529078E+17
fi_gradi : = 27978.893418742
t1 : = 1.0809316888872E-14
tpunto1 : = 1.0003785500008
tduepunti0 : = -3.7161616113022E+14
v=v_elettrone : = 3053431.9298575
x0= : -8.827511768885E-13
y0= : -4.4950284736578E-12
```

```
*****
i=33033
k(33033)=0.99998942055465
kQ(33033)=0.99997884122123
r1= : 4.5812114226541E-12
rpunto1 : = 1379003.4041733
rduepunti0 : = -1.0445520184856E+25
fil : = 488.32388093042
fipunto1 : = 5.9434390003829E+17
fi_gradi : = 27978.897412762
t1 : = 1.0809317006196E-14
tpunto1 : = 1.0003785064599
tduepunti0 : = -3.7126031311132E+14
v=v_elettrone : = 3052791.901195
x0= : -8.8246901924746E-13
y0= : -4.4952489832292E-12
*****
i=33034
k(33034)=0.99998943934167
kQ(33034)=0.99997887879487
r1= : 4.5813731503714E-12
rpunto1 : = 1377778.4470475
rduepunti0 : = -1.0444839475768E+25
fil : = 488.3239506343
fipunto1 : = 5.9430193651668E+17
fi_gradi : = 27978.9014065
t1 : = 1.0809317123519E-14
tpunto1 : = 1.0003784629607
tduepunti0 : = -3.709045593284E+14
v=v_elettrone : = 3052152.3512578
x0= : -8.8218682965157E-13
y0= : -4.4954693299638E-12
*****
i=33035
k(33035)=0.99998945811077
kQ(33035)=0.99997891633267
r1= : 4.5815347344274E-12
rpunto1 : = 1376553.5696758
rduepunti0 : = -1.0444159436826E+25
fil : = 488.32402033325
fipunto1 : = 5.9426001471105E+17
fi_gradi : = 27978.905399956
t1 : = 1.0809317240842E-14
tpunto1 : = 1.0003784195032
tduepunti0 : = -3.7054889967693E+14
v=v_elettrone : = 3051513.282219
x0= : -8.8190460811448E-13
y0= : -4.4956895138711E-12
*****
i=33036
k(33036)=0.99998947686195
kQ(33036)=0.99997895383465
r1= : 4.5816961748313E-12
rpunto1 : = 1375328.7719796
rduepunti0 : = -1.0443480067806E+25
fil : = 488.32409002729
fipunto1 : = 5.942181346065E+17
fi_gradi : = 27978.90939313
t1 : = 1.0809317358165E-14
tpunto1 : = 1.0003783760874
tduepunti0 : = -3.7019333405245E+14
v=v_elettrone : = 3050874.6903218
x0= : -8.8162235464955E-13
y0= : -4.4959095349603E-12
```

```
*****
i=33037
k(33037)=0.99998949559523
kQ(33037)=0.9999789913008
r1= : 4.5818574715926E-12
rpunto1 : = 1374104.0538804
rduepunti0 : = -1.0442801368484E+25
fil : = 488.32415971642
fipunto1 : = 5.9417629618817E+17
fi_gradi : = 27978.913386023
t1 : = 1.0809317475488E-14
tpunto1 : = 1.0003783327133
tduepunti0 : = -3.6983786235059E+14
v=v_elettrone : = 3050236.5797281
x0= : -8.8134006927065E-13
y0= : -4.4961293932406E-12
*****
i=33038
k(33038)=0.9999895143106
kQ(33038)=0.99997902873116
r1= : 4.5820186247206E-12
rpunto1 : = 1372879.4152997
rduepunti0 : = -1.0442123338637E+25
fil : = 488.32422940064
fipunto1 : = 5.9413449944121E+17
fi_gradi : = 27978.917378635
t1 : = 1.0809317592811E-14
tpunto1 : = 1.0003782893809
tduepunti0 : = -3.6948248446702E+14
v=v_elettrone : = 3049598.9466721
x0= : -8.8105775199114E-13
y0= : -4.4963490887214E-12
*****
i=33039
k(33039)=0.99998953300808
kQ(33039)=0.99997906612571
r1= : 4.5821796342245E-12
rpunto1 : = 1371654.8561589
rduepunti0 : = -1.0441445978043E+25
fil : = 488.32429907996
fipunto1 : = 5.9409274435078E+17
fi_gradi : = 27978.921370966
t1 : = 1.0809317710134E-14
tpunto1 : = 1.0003782460901
tduepunti0 : = -3.6912720029749E+14
v=v_elettrone : = 3048961.7933283
x0= : -8.8077540282485E-13
y0= : -4.4965686214118E-12
*****
i=33040
k(33040)=0.99998955168765
kQ(33040)=0.99997910348447
r1= : 4.5823405001137E-12
rpunto1 : = 1370430.3763796
rduepunti0 : = -1.0440769286479E+25
fil : = 488.32436875438
fipunto1 : = 5.9405103090205E+17
fi_gradi : = 27978.925363016
t1 : = 1.0809317827457E-14
tpunto1 : = 1.000378202841
tduepunti0 : = -3.687720097378E+14
v=v_elettrone : = 3048325.1219
x0= : -8.8049302178537E-13
y0= : -4.496787991321E-12
```

```
*****
i=33041
k(33041)=0.99998957034934
kQ(33041)=0.99997914080745
r1= : 4.5825012223976E-12
rpunto1: = 1369205.9758833
rduepunti0 : = -1.0440093263723E+25
fil : = 488.32443842391
fipunto1 : = 5.9400935908024E+17
fi_gradi : = 27978.929354786
t1 : = 1.080931794478E-14
tpunto1 : = 1.0003781596336
tduepunti0 : = -3.6841691268383E+14
v=v_elettrone : = 3047688.9286052
x0= : -8.8021060888601E-13
y0= : -4.4970071984584E-12
*****
i=33042
k(33042)=0.99998958899314
kQ(33042)=0.99997917809466
r1= : 4.5826618010853E-12
rpunto1: = 1367981.6545918
rduepunti0 : = -1.0439417909552E+25
fil : = 488.32450808855
fipunto1 : = 5.9396772887055E+17
fi_gradi : = 27978.933346276
t1 : = 1.0809318062103E-14
tpunto1 : = 1.0003781164677
tduepunti0 : = -3.6806190903151E+14
v=v_elettrone : = 3047053.2156242
x0= : -8.7992816414056E-13
y0= : -4.4972262428332E-12
*****
i=33043
k(33043)=0.99998960761905
kQ(33043)=0.99997921534611
r1= : 4.5828222361863E-12
rpunto1: = 1366757.4124265
rduepunti0 : = -1.0438743223746E+25
fil : = 488.32457774831
fipunto1 : = 5.9392614025822E+17
fi_gradi : = 27978.937337486
t1 : = 1.0809318179426E-14
tpunto1 : = 1.0003780733435
tduepunti0 : = -3.6770699867687E+14
v=v_elettrone : = 3046417.9831656
x0= : -8.7964568756259E-13
y0= : -4.4974451244545E-12
*****
i=33044
k(33044)=0.99998962622709
kQ(33044)=0.9999792525618
r1= : 4.5829825277097E-12
rpunto1: = 1365533.2493091
rduepunti0 : = -1.0438069206082E+25
fil : = 488.32464740319
fipunto1 : = 5.938845932285E+17
fi_gradi : = 27978.941328417
t1 : = 1.0809318296749E-14
tpunto1 : = 1.000378030261
tduepunti0 : = -3.6735218151596E+14
v=v_elettrone : = 3045783.231432
x0= : -8.793631791656E-13
y0= : -4.4976638433315E-12
```

```
*****
i=33045
k(33045)=0.99998964481726
kQ(33045)=0.99997928974175
r1= : 4.5831426756649E-12
rpunto1 : = 1364309.1651612
rduepunti0 : = -1.0437395856339E+25
fil : = 488.3247170532
fipunto1 : = 5.9384308776666E+17
fi_gradi : = 27978.945319068
t1 : = 1.0809318414072E-14
tpunto1 : = 1.00037798722
tduepunti0 : = -3.6699745744493E+14
v=v_elettrone : = 3045148.9606124
x0= : -8.7908063896313E-13
y0= : -4.4978823994734E-12
*****
i=33046
k(33046)=0.99998966338956
kQ(33046)=0.99997932688596
r1= : 4.5833026800611E-12
rpunto1 : = 1363085.1599047
rduepunti0 : = -1.0436723174296E+25
fil : = 488.32478669834
fipunto1 : = 5.9380162385797E+17
fi_gradi : = 27978.949309441
t1 : = 1.0809318531395E-14
tpunto1 : = 1.0003779442206
tduepunti0 : = -3.6664282635998E+14
v=v_elettrone : = 3044515.1689291
x0= : -8.7879806696867E-13
y0= : -4.4981007928895E-12
*****
i=33047
k(33047)=0.99998968194399
kQ(33047)=0.99997936399445
r1= : 4.5834625409075E-12
rpunto1 : = 1361861.2334611
rduepunti0 : = -1.0436051159733E+25
fil : = 488.32485633862
fipunto1 : = 5.9376020148776E+17
fi_gradi : = 27978.953299535
t1 : = 1.0809318648718E-14
tpunto1 : = 1.0003779012628
tduepunti0 : = -3.6628828815738E+14
v=v_elettrone : = 3043881.8585673
x0= : -8.7851546319597E-13
y0= : -4.4983190235888E-12
*****
i=33048
k(33048)=0.99998970048056
kQ(33048)=0.99997940106721
r1= : 4.5836222582135E-12
rpunto1 : = 1360637.3857523
rduepunti0 : = -1.0435379812428E+25
fil : = 488.32492597404
fipunto1 : = 5.9371882064132E+17
fi_gradi : = 27978.957289351
t1 : = 1.0809318766041E-14
tpunto1 : = 1.0003778583465
tduepunti0 : = -3.6593384273345E+14
v=v_elettrone : = 3043249.0297234
x0= : -8.7823282765852E-13
y0= : -4.4985370915805E-12
```

```
*****
i=33049
k(33049)=0.99998971899928
kQ(33049)=0.99997943810426
r1= : 4.5837818319882E-12
rpunto1 : = 1359413.6167
rduepunti0 : = -1.0434709132162E+25
fil : = 488.32499560461
fipunto1 : = 5.9367748130401E+17
fi_gradi : = 27978.961278888
t1 : = 1.0809318883364E-14
tpunto1 : = 1.0003778154719
tduepunti0 : = -3.655794899846E+14
v=v_elettrone : = 3042616.6826093
x0= : -8.7795016036977E-13
y0= : -4.4987549968738E-12
*****
i=33050
k(33050)=0.99998973750015
kQ(33050)=0.99997947510562
r1= : 4.5839412622409E-12
rpunto1 : = 1358189.926226
rduepunti0 : = -1.0434039118716E+25
fil : = 488.32506523032
fipunto1 : = 5.9363618346118E+17
fi_gradi : = 27978.965268148
t1 : = 1.0809319000687E-14
tpunto1 : = 1.0003777726387
tduepunti0 : = -3.6522522980728E+14
v=v_elettrone : = 3041984.8154209
x0= : -8.7766746134319E-13
y0= : -4.4989727394778E-12
*****
i=33051
k(33051)=0.99998975598317
kQ(33051)=0.99997951207128
r1= : 4.5841005489807E-12
rpunto1 : = 1356966.3142521
rduepunti0 : = -1.0433369771868E+25
fil : = 488.3251348512
fipunto1 : = 5.9359492709819E+17
fi_gradi : = 27978.969257131
t1 : = 1.080931911801E-14
tpunto1 : = 1.0003777298471
tduepunti0 : = -3.6487106209804E+14
v=v_elettrone : = 3041353.4303513
x0= : -8.7738473059247E-13
y0= : -4.4991903194016E-12
*****
i=33052
k(33052)=0.99998977444835
kQ(33052)=0.99997954900125
r1= : 4.5842596922169E-12
rpunto1 : = 1355742.7807002
rduepunti0 : = -1.0432701091399E+25
fil : = 488.32520446724
fipunto1 : = 5.9355371220044E+17
fi_gradi : = 27978.973245836
t1 : = 1.0809319235333E-14
tpunto1 : = 1.000377687097
tduepunti0 : = -3.6451698675345E+14
v=v_elettrone : = 3040722.5256211
x0= : -8.7710196813105E-13
y0= : -4.4994077366544E-12
```

```
*****
i=33053
k(33053)=0.99998979289568
kQ(33053)=0.99997958589555
r1= : 4.5844186919587E-12
rpunto1 : = 1354519.3254921
rduepunti0 : = -1.0432033077091E+25
fil : = 488.32527407844
fipunto1 : = 5.9351253875332E+17
fi_gradi : = 27978.977234264
t1 : = 1.0809319352656E-14
tpunto1 : = 1.0003776443885
tduepunti0 : = -3.6416300367017E+14
v=v_elettrone : = 3040092.1034103
x0= : -8.768191739726E-13
y0= : -4.4996249912453E-12
*****
i=33054
k(33054)=0.99998981132519
kQ(33054)=0.99997962275419
r1= : 4.5845775482153E-12
rpunto1 : = 1353295.9485498
rduepunti0 : = -1.0431365728724E+25
fil : = 488.32534368482
fipunto1 : = 5.9347140674227E+17
fi_gradi : = 27978.981222415
t1 : = 1.0809319469979E-14
tpunto1 : = 1.0003776017214
tduepunti0 : = -3.6380911274493E+14
v=v_elettrone : = 3039462.1619341
x0= : -8.7653634813052E-13
y0= : -4.4998420831832E-12
*****
i=33055
k(33055)=0.99998982973687
kQ(33055)=0.99997965957717
r1= : 4.5847362609959E-12
rpunto1 : = 1352072.6497951
rduepunti0 : = -1.043069904608E+25
fil : = 488.32541328637
fipunto1 : = 5.9343031615273E+17
fi_gradi : = 27978.985210291
t1 : = 1.0809319587302E-14
tpunto1 : = 1.0003775590959
tduepunti0 : = -3.6345531387451E+14
v=v_elettrone : = 3038832.7033738
x0= : -8.7625349061847E-13
y0= : -4.5000590124774E-12
*****
i=33056
k(33056)=0.99998984813072
kQ(33056)=0.99997969636449
r1= : 4.5848948303095E-12
rpunto1 : = 1350849.4291501
rduepunti0 : = -1.0430033028939E+25
fil : = 488.3254828831
fipunto1 : = 5.9338926697015E+17
fi_gradi : = 27978.98919789
t1 : = 1.0809319704625E-14
tpunto1 : = 1.0003775165118
tduepunti0 : = -3.6310160695576E+14
v=v_elettrone : = 3038203.7279463
x0= : -8.7597060144983E-13
y0= : -4.5002757791369E-12
```



```
*****
i=33057
k(33057)=0.99998986650675
kQ(33057)=0.99997973311618
r1= : 4.5850532561655E-12
rpunto1 : = 1349626.2865366
rduepunti0 : = -1.0429367677085E+25
fil : = 488.32555247502
fipunto1 : = 5.9334825918E+17
fi_gradi : = 27978.993185213
t1 : = 1.0809319821948E-14
tpunto1 : = 1.0003774739692
tduepunti0 : = -3.627479918856E+14
v=v_elettrone : = 3037575.2318497
x0= : -8.7568768063797E-13
y0= : -4.5004923831707E-12
*****
i=33058
k(33058)=0.99998988486496
kQ(33058)=0.99997976983224
r1= : 4.5852115385728E-12
rpunto1 : = 1348403.2218768
rduepunti0 : = -1.0428702990299E+25
fil : = 488.32562206213
fipunto1 : = 5.9330729276778E+17
fi_gradi : = 27978.99717226
t1 : = 1.0809319939271E-14
tpunto1 : = 1.000377431468
tduepunti0 : = -3.62394468561E+14
v=v_elettrone : = 3036947.2212736
x0= : -8.7540472819676E-13
y0= : -4.500708824588E-12
*****
i=33059
k(33059)=0.99998990320536
kQ(33059)=0.99997980651267
r1= : 4.5853696775408E-12
rpunto1 : = 1347180.2350926
rduepunti0 : = -1.0428038968363E+25
fil : = 488.32569164443
fipunto1 : = 5.93266367719E+17
fi_gradi : = 27979.001159033
t1 : = 1.0809320056594E-14
tpunto1 : = 1.0003773890083
tduepunti0 : = -3.6204103687901E+14
v=v_elettrone : = 3036319.690443
x0= : -8.7512174413929E-13
y0= : -4.5009251033978E-12
*****
i=33060
k(33060)=0.99998992152796
kQ(33060)=0.99997984315749
r1= : 4.5855276730784E-12
rpunto1 : = 1345957.326106
rduepunti0 : = -1.0427375611059E+25
fil : = 488.32576122193
fipunto1 : = 5.9322548401917E+17
fi_gradi : = 27979.00514553
t1 : = 1.0809320173917E-14
tpunto1 : = 1.0003773465901
tduepunti0 : = -3.6168769673672E+14
v=v_elettrone : = 3035692.6435251
x0= : -8.748387284794E-13
y0= : -4.501141219609E-12
```

```
*****
i=33061
k(33061)=0.99998993983275
kQ(33061)=0.99997987976671
r1= : 4.5856855251949E-12
rpunto1: = 1344734.4948392
rduepunti0 : = -1.0426712918172E+25
fil : = 488.32583079464
fipunto1 : = 5.9318464165385E+17
fi_gradi : = 27979.009131753
t1 : = 1.080932029124E-14
tpunto1 : = 1.0003773042132
tduepunti0 : = -3.6133444803133E+14
v=v_elettrone : = 3035066.0787498
x0= : -8.7455568123043E-13
y0= : -4.5013571732307E-12
*****
i=33062
k(33062)=0.99998995811974
kQ(33062)=0.99997991634033
r1= : 4.5858432338994E-12
rpunto1: = 1343511.7412143
rduepunti0 : = -1.0426050889483E+25
fil : = 488.32590036256
fipunto1 : = 5.9314384060859E+17
fi_gradi : = 27979.013117701
t1 : = 1.0809320408563E-14
tpunto1 : = 1.0003772618778
tduepunti0 : = -3.6098129066004E+14
v=v_elettrone : = 3034439.998289
x0= : -8.7427260240593E-13
y0= : -4.501572964272E-12
*****
i=33063
k(33063)=0.99998997638894
kQ(33063)=0.99997995287836
r1= : 4.5860007992008E-12
rpunto1: = 1342289.0651534
rduepunti0 : = -1.0425389524776E+25
fil : = 488.3259699257
fipunto1 : = 5.9310308086898E+17
fi_gradi : = 27979.017103375
t1 : = 1.0809320525886E-14
tpunto1 : = 1.0003772195838
tduepunti0 : = -3.6062822452018E+14
v=v_elettrone : = 3033814.3983776
x0= : -8.739894920192E-13
y0= : -4.5017885927418E-12
*****
i=33064
k(33064)=0.99998999464035
kQ(33064)=0.99997998938081
r1= : 4.5861582211085E-12
rpunto1: = 1341066.4665786
rduepunti0 : = -1.0424728823834E+25
fil : = 488.32603948405
fipunto1 : = 5.9306236242059E+17
fi_gradi : = 27979.021088775
t1 : = 1.0809320643209E-14
tpunto1 : = 1.0003771773312
tduepunti0 : = -3.6027524950909E+14
v=v_elettrone : = 3033189.2831862
x0= : -8.7370635008405E-13
y0= : -4.5020040586492E-12
```

```
*****
i=33065
k(33065)=0.99999001287397
kQ(33065)=0.99998002584769
r1= : 4.5863154996313E-12
rpunto1 : = 1339843.9454121
rduepunti0 : = -1.0424068786441E+25
fil : = 488.32610903763
fipunto1 : = 5.9302168524905E+17
fi_gradi : = 27979.025073902
t1 : = 1.0809320760532E-14
tpunto1 : = 1.00037713512
tduepunti0 : = -3.599223655242E+14
v=v_elettrone : = 3032564.6529242
x0= : -8.7342317661373E-13
y0= : -4.502219362003E-12
*****
i=33066
k(33066)=0.99999003108981
kQ(33066)=0.99998006227901
r1= : 4.5864726347785E-12
rpunto1 : = 1338621.5015761
rduepunti0 : = -1.0423409412382E+25
fil : = 488.32617858644
fipunto1 : = 5.9298104933999E+17
fi_gradi : = 27979.029058755
t1 : = 1.0809320877855E-14
tpunto1 : = 1.0003770929501
tduepunti0 : = -3.5956957246301E+14
v=v_elettrone : = 3031940.5037935
x0= : -8.7313997162153E-13
y0= : -4.5024345028124E-12
*****
i=33067
k(33067)=0.99999004928788
kQ(33067)=0.99998009867477
r1= : 4.5866296265591E-12
rpunto1 : = 1337399.134993
rduepunti0 : = -1.0422750701441E+25
fil : = 488.32624813048
fipunto1 : = 5.9294045467904E+17
fi_gradi : = 27979.033043335
t1 : = 1.0809320995178E-14
tpunto1 : = 1.0003770508216
tduepunti0 : = -3.5921687022306E+14
v=v_elettrone : = 3031316.8380049
x0= : -8.728567351212E-13
y0= : -4.5026494810862E-12
*****
i=33068
k(33068)=0.99999006746817
kQ(33068)=0.99998013503499
r1= : 4.5867864749821E-12
rpunto1 : = 1336176.8455848
rduepunti0 : = -1.0422092653402E+25
fil : = 488.32631766976
fipunto1 : = 5.9289990125187E+17
fi_gradi : = 27979.037027642
t1 : = 1.08093211125E-14
tpunto1 : = 1.0003770087345
tduepunti0 : = -3.5886425870196E+14
v=v_elettrone : = 3030693.6577418
x0= : -8.7257346712622E-13
y0= : -4.5028642968334E-12
```

```
*****
i=33069
k(33069)=0.99999008563069
kQ(33069)=0.99998017135967
r1= : 4.5869431800566E-12
rpunto1 : = 1334954.6332739
rduepunti0 : = -1.042143526805E+25
fil : = 488.32638720429
fipunto1 : = 5.9285938904416E+17
fi_gradi : = 27979.041011677
t1 : = 1.0809321229823E-14
tpunto1 : = 1.0003769666887
tduepunti0 : = -3.5851173779741E+14
v=v_elettrone : = 3030070.9612025
x0= : -8.7229016764984E-13
y0= : -4.503078950063E-12
*****
i=33070
k(33070)=0.99999010377545
kQ(33070)=0.99998020764883
r1= : 4.5870997417917E-12
rpunto1 : = 1333732.4979826
rduepunti0 : = -1.042077854517E+25
fil : = 488.32645673406
fipunto1 : = 5.928189180416E+17
fi_gradi : = 27979.04499544
t1 : = 1.0809321347146E-14
tpunto1 : = 1.0003769246843
tduepunti0 : = -3.5815930740714E+14
v=v_elettrone : = 3029448.7466163
x0= : -8.7200683670552E-13
y0= : -4.5032934407838E-12
*****
i=33071
k(33071)=0.99999012190245
kQ(33071)=0.99998024390247
r1= : 4.5872561601963E-12
rpunto1 : = 1332510.4396333
rduepunti0 : = -1.0420122484547E+25
fil : = 488.32652625909
fipunto1 : = 5.9277848822991E+17
fi_gradi : = 27979.04897893
t1 : = 1.0809321464469E-14
tpunto1 : = 1.0003768827211
tduepunti0 : = -3.5780696742895E+14
v=v_elettrone : = 3028827.0181472
x0= : -8.7172347430697E-13
y0= : -4.5035077690049E-12
*****
i=33072
k(33072)=0.99999014001169
kQ(33072)=0.99998028012059
r1= : 4.5874124352795E-12
rpunto1 : = 1331288.4581482
rduepunti0 : = -1.0419467085967E+25
fil : = 488.32659577938
fipunto1 : = 5.9273809959481E+17
fi_gradi : = 27979.052962149
t1 : = 1.0809321581792E-14
tpunto1 : = 1.0003768407993
tduepunti0 : = -3.5745471776071E+14
v=v_elettrone : = 3028205.7740147
x0= : -8.7144008046739E-13
y0= : -4.5037219347351E-12
```

```
*****
i=33073
k(33073)=0.99999015810318
kQ(33073)=0.99998031630322
r1= : 4.5875685670503E-12
rpunto1 : = 1330066.5534498
rduepunti0 : = -1.0418812349216E+25
fil : = 488.32666529493
fipunto1 : = 5.9269775212205E+17
fi_gradi : = 27979.056945097
t1 : = 1.0809321699115E-14
tpunto1 : = 1.0003767989188
tduepunti0 : = -3.5710255830037E+14
v=v_elettrone : = 3027585.0124217
x0= : -8.7115665520021E-13
y0= : -4.5039359379833E-12
*****
i=33074
k(33074)=0.99999017617692
kQ(33074)=0.99998035245035
r1= : 4.5877245555178E-12
rpunto1 : = 1328844.7254605
rduepunti0 : = -1.041815827408E+25
fil : = 488.32673480575
fipunto1 : = 5.9265744579741E+17
fi_gradi : = 27979.060927774
t1 : = 1.0809321816438E-14
tpunto1 : = 1.0003767570795
tduepunti0 : = -3.567504889459E+14
v=v_elettrone : = 3026964.737557
x0= : -8.708731985191E-13
y0= : -4.5041497787584E-12
*****
i=33075
k(33075)=0.99999019423292
kQ(33075)=0.999980388562
r1= : 4.5878804006908E-12
rpunto1 : = 1327622.9741027
rduepunti0 : = -1.0417504860345E+25
fil : = 488.32680431184
fipunto1 : = 5.9261718060664E+17
fi_gradi : = 27979.064910179
t1 : = 1.0809321933761E-14
tpunto1 : = 1.0003767152816
tduepunti0 : = -3.5639850959536E+14
v=v_elettrone : = 3026344.945628
x0= : -8.7058971043723E-13
y0= : -4.5043634570693E-12
*****
i=33076
k(33076)=0.99999021227118
kQ(33076)=0.99998042463817
r1= : 4.5880361025784E-12
rpunto1 : = 1326401.2992989
rduepunti0 : = -1.0416852107797E+25
fil : = 488.32687381321
fipunto1 : = 5.9257695653557E+17
fi_gradi : = 27979.068892314
t1 : = 1.0809322051084E-14
tpunto1 : = 1.0003766735249
tduepunti0 : = -3.5604662014688E+14
v=v_elettrone : = 3025725.6408343
x0= : -8.7030619096825E-13
y0= : -4.5045769729249E-12
```

```
*****
i=33077
k(33077)=0.99999023029171
kQ(33077)=0.99998046067887
r1= : 4.5881916611897E-12
rpunto1 : = 1325179.7009715
rduepunti0 : = -1.0416200016224E+25
fil : = 488.32694330986
fipunto1 : = 5.9253677356999E+17
fi_gradi : = 27979.072874179
t1 : = 1.0809322168406E-14
tpunto1 : = 1.0003766318095
tduepunti0 : = -3.5569482049864E+14
v=v_elettrone : = 3025106.8193743
x0= : -8.7002264012529E-13
y0= : -4.504790326334E-12
*****
i=33078
k(33078)=0.99999024829451
kQ(33078)=0.99998049668411
r1= : 4.5883470765334E-12
rpunto1 : = 1323958.1790431
rduepunti0 : = -1.0415548585413E+25
fil : = 488.3270128018
fipunto1 : = 5.9249663169573E+17
fi_gradi : = 27979.076855774
t1 : = 1.0809322285729E-14
tpunto1 : = 1.0003765901353
tduepunti0 : = -3.5534311054888E+14
v=v_elettrone : = 3024488.483445
x0= : -8.6973905792197E-13
y0= : -4.5050035173055E-12
*****
i=33079
k(33079)=0.99999026627958
kQ(33079)=0.99998053265391
r1= : 4.5885023486187E-12
rpunto1 : = 1322736.7334361
rduepunti0 : = -1.041489781515E+25
fil : = 488.32708228903
fipunto1 : = 5.9245653089866E+17
fi_gradi : = 27979.080837099
t1 : = 1.0809322403052E-14
tpunto1 : = 1.0003765485024
tduepunti0 : = -3.549914901959E+14
v=v_elettrone : = 3023870.6312561
x0= : -8.6945544437167E-13
y0= : -4.5052165458483E-12
*****
i=33080
k(33080)=0.99999028424693
kQ(33080)=0.99998056858826
r1= : 4.5886574774544E-12
rpunto1 : = 1321515.3640732
rduepunti0 : = -1.0414247705224E+25
fil : = 488.32715177155
fipunto1 : = 5.9241647116462E+17
fi_gradi : = 27979.084818155
t1 : = 1.0809322520375E-14
tpunto1 : = 1.0003765069107
tduepunti0 : = -3.5463995933809E+14
v=v_elettrone : = 3023253.2670087
x0= : -8.69171799488E-13
y0= : -4.5054294119711E-12
```

```
*****
i=33081
k(33081)=0.99999030219656
kQ(33081)=0.99998060448717
r1= : 4.5888124630495E-12
rpunto1: = 1320294.070877
rduepunti0 : = -1.0413598255422E+25
fil : = 488.32722124938
fipunto1 : = 5.9237645247951E+17
fi_gradi : = 27979.088798941
t1 : = 1.0809322637698E-14
tpunto1 : = 1.0003764653602
tduepunti0 : = -3.5428851787386E+14
v=v_elettrone : = 3022636.3868861
x0= : -8.6888812328403E-13
y0= : -4.5056421156827E-12
*****
i=33082
k(33082)=0.99999032012848
kQ(33082)=0.99998064035066
r1= : 4.588967305413E-12
rpunto1: = 1319072.8537699
rduepunti0 : = -1.0412949465532E+25
fil : = 488.32729072252
fipunto1 : = 5.9233647482922E+17
fi_gradi : = 27979.092779458
t1 : = 1.0809322755021E-14
tpunto1 : = 1.0003764238509
tduepunti0 : = -3.5393716570172E+14
v=v_elettrone : = 3022019.9930964
x0= : -8.6860441577335E-13
y0= : -4.5058546569921E-12
*****
i=33083
k(33083)=0.99999033804269
kQ(33083)=0.99998067617874
r1= : 4.5891220045537E-12
rpunto1: = 1317851.7126747
rduepunti0 : = -1.0412301335343E+25
fil : = 488.32736019097
fipunto1 : = 5.9229653819966E+17
fi_gradi : = 27979.096759707
t1 : = 1.0809322872344E-14
tpunto1 : = 1.0003763823828
tduepunti0 : = -3.5358590272021E+14
v=v_elettrone : = 3021404.0858572
x0= : -8.6832067696927E-13
y0= : -4.506067035908E-12
*****
i=33084
k(33084)=0.9999903559392
kQ(33084)=0.99998071197141
r1= : 4.5892765604805E-12
rpunto1: = 1316630.6475141
rduepunti0 : = -1.0411653864643E+25
fil : = 488.32742965473
fipunto1 : = 5.9225664257677E+17
fi_gradi : = 27979.100739688
t1 : = 1.0809322989666E-14
tpunto1 : = 1.0003763409559
tduepunti0 : = -3.5323472882796E+14
v=v_elettrone : = 3020788.6633446
x0= : -8.6803690688511E-13
y0= : -4.5062792524392E-12
```

```
*****
i=33085
k(33085)=0.999990373818
kQ(33085)=0.99998074772867
r1= : 4.5894309732025E-12
rpunto1 : = 1315409.6582106
rduepunti0 : = -1.0411007053221E+25
fil : = 488.32749911382
fipunto1 : = 5.922167879465E+17
fi_gradi : = 27979.1047194
t1 : = 1.0809323106989E-14
tpunto1 : = 1.0003762995701
tduepunti0 : = -3.5288364392365E+14
v=v_elettrone : = 3020173.7277705
x0= : -8.6775310553441E-13
y0= : -4.5064913065944E-12
*****
i=33086
k(33086)=0.99999039167911
kQ(33086)=0.99998078345055
r1= : 4.5895852427284E-12
rpunto1 : = 1314188.744687
rduepunti0 : = -1.0410360900866E+25
fil : = 488.32756856823
fipunto1 : = 5.9217697429481E+17
fi_gradi : = 27979.108698845
t1 : = 1.0809323224312E-14
tpunto1 : = 1.0003762582256
tduepunti0 : = -3.5253264790601E+14
v=v_elettrone : = 3019559.2773328
x0= : -8.6746927293045E-13
y0= : -4.5067031983826E-12
*****
i=33087
k(33087)=0.99999040952253
kQ(33087)=0.99998081913704
r1= : 4.5897393690671E-12
rpunto1 : = 1312967.9068661
rduepunti0 : = -1.0409715407367E+25
fil : = 488.32763801797
fipunto1 : = 5.9213720160768E+17
fi_gradi : = 27979.112678022
t1 : = 1.0809323341635E-14
tpunto1 : = 1.0003762169222
tduepunti0 : = -3.5218174067385E+14
v=v_elettrone : = 3018945.3142257
x0= : -8.6718540908676E-13
y0= : -4.5069149278123E-12
*****
i=33088
k(33088)=0.99999042734826
kQ(33088)=0.99998085478816
r1= : 4.5898933522276E-12
rpunto1 : = 1311747.1446706
rduepunti0 : = -1.0409070572514E+25
fil : = 488.32770746305
fipunto1 : = 5.9209746987112E+17
fi_gradi : = 27979.116656932
t1 : = 1.0809323458958E-14
tpunto1 : = 1.0003761756599
tduepunti0 : = -3.5183092212604E+14
v=v_elettrone : = 3018331.8366609
x0= : -8.6690151401659E-13
y0= : -4.5071264948924E-12
```



```
*****
i=33089
k(33089)=0.99999044515631
kQ(33089)=0.99998089040391
r1= : 4.5900471922188E-12
rpunto1: = 1310526.4580232
rduepunti0 : = -1.0408426396096E+25
fil : = 488.32777690347
fipunto1 : = 5.9205777907113E+17
fi_gradi : = 27979.120635575
t1 : = 1.0809323576281E-14
tpunto1 : = 1.0003761344388
tduepunti0 : = -3.514801921615E+14
v=v_elettrone : = 3017718.8468351
x0= : -8.6661758773345E-13
y0= : -4.5073378996315E-12
*****
i=33090
k(33090)=0.99999046294667
kQ(33090)=0.99998092598431
r1= : 4.5902008890493E-12
rpunto1: = 1309305.8468468
rduepunti0 : = -1.0407782877904E+25
fil : = 488.32784633923
fipunto1 : = 5.9201812919376E+17
fi_gradi : = 27979.124613951
t1 : = 1.0809323693603E-14
tpunto1 : = 1.0003760932587
tduepunti0 : = -3.5112955067922E+14
v=v_elettrone : = 3017106.3449445
x0= : -8.6633363025057E-13
y0= : -4.5075491420385E-12
*****
i=33091
k(33091)=0.99999048071937
kQ(33091)=0.99998096152935
r1= : 4.5903544427282E-12
rpunto1: = 1308085.3110642
rduepunti0 : = -1.0407140017728E+25
fil : = 488.32791577034
fipunto1 : = 5.9197852022504E+17
fi_gradi : = 27979.128592061
t1 : = 1.0809323810926E-14
tpunto1 : = 1.0003760521198
tduepunti0 : = -3.5077899757825E+14
v=v_elettrone : = 3016494.3271847
x0= : -8.6604964158117E-13
y0= : -4.5077602221221E-12
*****
i=33092
k(33092)=0.99999049847439
kQ(33092)=0.99998099703905
r1= : 4.5905078532643E-12
rpunto1: = 1306864.8505982
rduepunti0 : = -1.0406497815358E+25
fil : = 488.32798519681
fipunto1 : = 5.9193895215105E+17
fi_gradi : = 27979.132569904
t1 : = 1.0809323928249E-14
tpunto1 : = 1.000376011022
tduepunti0 : = -3.504285327577E+14
v=v_elettrone : = 3015882.7997681
x0= : -8.6576562173899E-13
y0= : -4.5079711398909E-12
```

```
*****
i=33093
k(33093)=0.99999051621174
kQ(33093)=0.99998103251343
r1= : 4.5906611206663E-12
rpunto1 : = 1305644.4653718
rduepunti0 : = -1.0405856270586E+25
fil : = 488.32805461864
fipunto1 : = 5.9189942495787E+17
fi_gradi : = 27979.136547482
t1 : = 1.0809324045572E-14
tpunto1 : = 1.0003759699653
tduepunti0 : = -3.5007815611675E+14
v=v_elettrone : = 3015271.7568899
x0= : -8.6548157073695E-13
y0= : -4.5081818953538E-12
*****
i=33094
k(33094)=0.99999053393143
kQ(33094)=0.99998106795247
r1= : 4.5908142449432E-12
rpunto1 : = 1304424.1553079
rduepunti0 : = -1.0405215383201E+25
fil : = 488.32812403583
fipunto1 : = 5.9185993863159E+17
fi_gradi : = 27979.140524794
t1 : = 1.0809324162895E-14
tpunto1 : = 1.0003759289497
tduepunti0 : = -3.4972786755462E+14
v=v_elettrone : = 3014661.2027427
x0= : -8.6519748858877E-13
y0= : -4.5083924885193E-12
*****
i=33095
k(33095)=0.99999055163347
kQ(33095)=0.9999811033562
r1= : 4.5909672261036E-12
rpunto1 : = 1303203.9203292
rduepunti0 : = -1.0404575152996E+25
fil : = 488.32819344839
fipunto1 : = 5.9182049315834E+17
fi_gradi : = 27979.144501841
t1 : = 1.0809324280217E-14
tpunto1 : = 1.0003758879751
tduepunti0 : = -3.493776669706E+14
v=v_elettrone : = 3014051.1375383
x0= : -8.6491337530761E-13
y0= : -4.5086029193961E-12
*****
i=33096
k(33096)=0.99999056931785
kQ(33096)=0.99998113872463
r1= : 4.5911200641566E-12
rpunto1 : = 1301983.7603589
rduepunti0 : = -1.0403935579762E+25
fil : = 488.32826285632
fipunto1 : = 5.9178108852424E+17
fi_gradi : = 27979.148478622
t1 : = 1.080932439754E-14
tpunto1 : = 1.0003758470417
tduepunti0 : = -3.4902755426407E+14
v=v_elettrone : = 3013441.557464
x0= : -8.6462923090664E-13
y0= : -4.508813187993E-12
```

```
*****
i=33097
k(33097)=0.99999058698457
kQ(33097)=0.99998117405775
r1= : 4.5912727591107E-12
rpunto1 : = 1300763.6753199
rduepunti0 : = -1.0403296663291E+25
fil : = 488.32833225963
fipunto1 : = 5.9174172471544E+17
fi_gradi : = 27979.152455139
t1 : = 1.0809324514863E-14
tpunto1 : = 1.0003758061492
tduepunti0 : = -3.4867752933442E+14
v=v_elettrone : = 3012832.466733
x0= : -8.6434505539953E-13
y0= : -4.5090232943186E-12
*****
i=33098
k(33098)=0.99999060463366
kQ(33098)=0.99998120935559
r1= : 4.5914253109749E-12
rpunto1 : = 1299543.6651352
rduepunti0 : = -1.0402658403375E+25
fil : = 488.32840165833
fipunto1 : = 5.9170240171812E+17
fi_gradi : = 27979.156431392
t1 : = 1.0809324632186E-14
tpunto1 : = 1.0003757652978
tduepunti0 : = -3.4832759208114E+14
v=v_elettrone : = 3012223.8635422
x0= : -8.6406084879942E-13
y0= : -4.5092332383815E-12
*****
i=33099
k(33099)=0.9999906222651
kQ(33099)=0.99998124461814
r1= : 4.5915777197579E-12
rpunto1 : = 1298323.7297278
rduepunti0 : = -1.0402020799805E+25
fil : = 488.32847105241
fipunto1 : = 5.9166311951844E+17
fi_gradi : = 27979.16040738
t1 : = 1.0809324749508E-14
tpunto1 : = 1.0003757244874
tduepunti0 : = -3.4797774240377E+14
v=v_elettrone : = 3011615.7480773
x0= : -8.637766111197E-13
y0= : -4.5094430201904E-12
*****
i=33100
k(33100)=0.9999906398789
kQ(33100)=0.99998127984542
r1= : 4.5917299854684E-12
rpunto1 : = 1297103.8690207
rduepunti0 : = -1.0401383852375E+25
fil : = 488.32854044189
fipunto1 : = 5.9162387810262E+17
fi_gradi : = 27979.164383104
t1 : = 1.0809324866831E-14
tpunto1 : = 1.0003756837181
tduepunti0 : = -3.4762798020191E+14
v=v_elettrone : = 3011008.1225594
x0= : -8.6349234237373E-13
y0= : -4.5096526397538E-12
```

```
*****
i=33101
k(33101)=0.99999065747507
kQ(33101)=0.99998131503743
r1= : 4.5918821081153E-12
rpunto1: = 1295884.0829371
rduepunti0 : = -1.0400747560877E+25
fil : = 488.32860982677
fipunto1 : = 5.9158467745686E+17
fi_gradi : = 27979.168358564
t1 : = 1.0809324984154E-14
tpunto1 : = 1.0003756429897
tduepunti0 : = -3.472783053752E+14
v=v_elettrone : = 3010400.9831694
x0= : -8.6320804257463E-13
y0= : -4.5098620970806E-12
*****
i=33102
k(33102)=0.99999067505361
kQ(33102)=0.99998135019418
r1= : 4.5920340877072E-12
rpunto1: = 1294664.3714001
rduepunti0 : = -1.0400111925105E+25
fil : = 488.32867920705
fipunto1 : = 5.915455175674E+17
fi_gradi : = 27979.172333762
t1 : = 1.0809325101477E-14
tpunto1 : = 1.0003756023024
tduepunti0 : = -3.4692871782338E+14
v=v_elettrone : = 3009794.3341245
x0= : -8.62923711736E-13
y0= : -4.5100713921792E-12
*****
i=33103
k(33103)=0.99999069261453
kQ(33103)=0.99998138531569
r1= : 4.592185924253E-12
rpunto1: = 1293444.7343326
rduepunti0 : = -1.0399476944851E+25
fil : = 488.32874858273
fipunto1 : = 5.9150639842048E+17
fi_gradi : = 27979.176308696
t1 : = 1.0809325218799E-14
tpunto1 : = 1.000375561656
tduepunti0 : = -3.4657921744623E+14
v=v_elettrone : = 3009188.1736133
x0= : -8.6263934987094E-13
y0= : -4.5102805250582E-12
*****
i=33104
k(33104)=0.99999071015783
kQ(33104)=0.99998142040195
r1= : 4.5923376177614E-12
rpunto1: = 1292225.171658
rduepunti0 : = -1.0398842619909E+25
fil : = 488.32881795383
fipunto1 : = 5.9146732000237E+17
fi_gradi : = 27979.180283367
t1 : = 1.0809325336122E-14
tpunto1 : = 1.0003755210506
tduepunti0 : = -3.4622980414358E+14
v=v_elettrone : = 3008582.4998325
x0= : -8.6235495699275E-13
y0= : -4.5104894957263E-12
```

```

*****
i=33105
k(33105)=0.9999907276835
kQ(33105)=0.99998145545298
r1= : 4.592489168241E-12
rpunto1 : = 1291005.6832993
rduepunti0 : = -1.0398208950072E+25
fil : = 488.32888732034
fipunto1 : = 5.9142828229936E+17
fi_gradi : = 27979.184257775
t1 : = 1.0809325453445E-14
tpunto1 : = 1.0003754804862
tduepunti0 : = -3.4588047781533E+14
v=v_elettrone : = 3007977.3169917
x0= : -8.6207053311503E-13
y0= : -4.510698304192E-12
*****
i=33106
k(33106)=0.99999074519157
kQ(33106)=0.99998149046879
r1= : 4.5926405757006E-12
rpunto1 : = 1289786.2691799
rduepunti0 : = -1.0397575935135E+25
fil : = 488.32895668228
fipunto1 : = 5.9138928529774E+17
fi_gradi : = 27979.188231921
t1 : = 1.0809325570768E-14
tpunto1 : = 1.0003754399628
tduepunti0 : = -3.4553123836145E+14
v=v_elettrone : = 3007372.6232943
x0= : -8.6178607825081E-13
y0= : -4.5109069504639E-12
*****
i=33107
k(33107)=0.99999076268203
kQ(33107)=0.99998152544938
r1= : 4.5927918401489E-12
rpunto1 : = 1288566.9292228
rduepunti0 : = -1.0396943574892E+25
fil : = 488.32902603964
fipunto1 : = 5.9135032898382E+17
fi_gradi : = 27979.192205806
t1 : = 1.080932568809E-14
tpunto1 : = 1.0003753994803
tduepunti0 : = -3.4518208568196E+14
v=v_elettrone : = 3006768.4189311
x0= : -8.615015924134E-13
y0= : -4.5111154345506E-12
*****
i=33108
k(33108)=0.99999078015488
kQ(33108)=0.99998156039476
r1= : 4.5929429615947E-12
rpunto1 : = 1287347.6633513
rduepunti0 : = -1.0396311869137E+25
fil : = 488.32909539243
fipunto1 : = 5.9131141334394E+17
fi_gradi : = 27979.196179428
t1 : = 1.0809325805413E-14
tpunto1 : = 1.0003753590387
tduepunti0 : = -3.4483301967693E+14
v=v_elettrone : = 3006164.7040964
x0= : -8.6121707561607E-13
y0= : -4.5113237564606E-12

```

```
*****
i=33109
k(33109)=0.99999079761013
kQ(33109)=0.99998159530495
r1= : 4.5930939400465E-12
rpunto1 : = 1286128.4714887
rduepunti0 : = -1.0395680817665E+25
fil : = 488.32916474066
fipunto1 : = 5.9127253836445E+17
fi_gradi : = 27979.200152789
t1 : = 1.0809325922736E-14
tpunto1 : = 1.0003753186381
tduepunti0 : = -3.4448404024651E+14
v=v_elettrone : = 3005561.4769968
x0= : -8.609325278721E-13
y0= : -4.5115319162025E-12
*****
i=33110
k(33110)=0.99999081504779
kQ(33110)=0.99998163017994
r1= : 4.5932447755131E-12
rpunto1 : = 1284909.3535583
rduepunti0 : = -1.0395050420271E+25
fil : = 488.32923408434
fipunto1 : = 5.912337040317E+17
fi_gradi : = 27979.204125888
t1 : = 1.0809326040058E-14
tpunto1 : = 1.0003752782784
tduepunti0 : = -3.4413514729091E+14
v=v_elettrone : = 3004958.7418426
x0= : -8.60647949195E-13
y0= : -4.5117399137847E-12
*****
i=33111
k(33111)=0.99999083246785
kQ(33111)=0.99998166501974
r1= : 4.5933954680031E-12
rpunto1 : = 1283690.3094834
rduepunti0 : = -1.039442067675E+25
fil : = 488.32930342345
fipunto1 : = 5.9119491033208E+17
fi_gradi : = 27979.208098727
t1 : = 1.0809326157381E-14
tpunto1 : = 1.0003752379595
tduepunti0 : = -3.4378634071037E+14
v=v_elettrone : = 3004356.4948125
x0= : -8.6036333959776E-13
y0= : -4.5119477492159E-12
*****
i=33112
k(33112)=0.99999084987033
kQ(33112)=0.99998169982438
r1= : 4.5935460175253E-12
rpunto1 : = 1282471.3391873
rduepunti0 : = -1.0393791586898E+25
fil : = 488.32937275802
fipunto1 : = 5.9115615725198E+17
fi_gradi : = 27979.212071305
t1 : = 1.0809326274704E-14
tpunto1 : = 1.0003751976816
tduepunti0 : = -3.4343762040523E+14
v=v_elettrone : = 3003754.7401349
x0= : -8.6007869909388E-13
y0= : -4.5121554225045E-12
```

```

*****
i=33113
k(33113)=0.99999086725522
kQ(33113)=0.99998173459384
r1= : 4.5936964240881E-12
rpunto1 : = 1281252.4425934
rduepunti0 : = -1.039316315051E+25
fil : = 488.32944208804
fipunto1 : = 5.9111744477782E+17
fi_gradi : = 27979.216043623
t1 : = 1.0809326392027E-14
tpunto1 : = 1.0003751574446
tduepunti0 : = -3.4308898627585E+14
v=v_elettrone : = 3003153.4739735
x0= : -8.5979402769633E-13
y0= : -4.512362933659E-12
*****
i=33114
k(33114)=0.99999088462253
kQ(33114)=0.99998176932815
r1= : 4.5938466877004E-12
rpunto1 : = 1280033.6196251
rduepunti0 : = -1.0392535367382E+25
fil : = 488.32951141352
fipunto1 : = 5.9107877289603E+17
fi_gradi : = 27979.22001568
t1 : = 1.0809326509349E-14
tpunto1 : = 1.0003751172484
tduepunti0 : = -3.4274043822269E+14
v=v_elettrone : = 3002552.6985633
x0= : -8.5950932541857E-13
y0= : -4.512570282688E-12
*****
i=33115
k(33115)=0.99999090197227
kQ(33115)=0.99998180402731
r1= : 4.5939968083708E-12
rpunto1 : = 1278814.8702058
rduepunti0 : = -1.039190823731E+25
fil : = 488.32958073447
fipunto1 : = 5.9104014159306E+17
fi_gradi : = 27979.223987478
t1 : = 1.0809326626672E-14
tpunto1 : = 1.0003750770932
tduepunti0 : = -3.4239197614623E+14
v=v_elettrone : = 3001952.4120631
x0= : -8.5922459227381E-13
y0= : -4.5127774695999E-12
*****
i=33116
k(33116)=0.99999091930443
kQ(33116)=0.99998183869132
r1= : 4.5941467861078E-12
rpunto1 : = 1277596.194259
rduepunti0 : = -1.0391281760091E+25
fil : = 488.32965005088
fipunto1 : = 5.9100155085536E+17
fi_gradi : = 27979.227959016
t1 : = 1.0809326743995E-14
tpunto1 : = 1.0003750369787
tduepunti0 : = -3.4204359994704E+14
v=v_elettrone : = 3001352.6187225
x0= : -8.589398282755E-13
y0= : -4.5129844944031E-12

```

```
*****
i=33117
k(33117)=0.99999093661903
kQ(33117)=0.9999818733202
r1= : 4.59429662092E-12
rpunto1 : = 1276377.591708
rduepunti0 : = -1.0390655935521E+25
fil : = 488.32971936277
fipunto1 : = 5.9096300066942E+17
fi_gradi : = 27979.231930295
t1 : = 1.0809326861317E-14
tpunto1 : = 1.0003749969052
tduepunti0 : = -3.4169530952574E+14
v=v_elettrone : = 3000753.3147031
x0= : -8.5865503343656E-13
y0= : -4.5131913571062E-12
*****
i=33118
k(33118)=0.99999095391606
kQ(33118)=0.99998190791395
r1= : 4.5944463128162E-12
rpunto1 : = 1275159.0624764
rduepunti0 : = -1.0390030763397E+25
fil : = 488.32978867014
fipunto1 : = 5.9092449102173E+17
fi_gradi : = 27979.235901315
t1 : = 1.080932697864E-14
tpunto1 : = 1.0003749568724
tduepunti0 : = -3.41347104783E+14
v=v_elettrone : = 3000154.5002065
x0= : -8.5837020777042E-13
y0= : -4.5133980577176E-12
*****
i=33119
k(33119)=0.99999097119553
kQ(33119)=0.99998194247259
r1= : 4.5945958618048E-12
rpunto1 : = 1273940.6064877
rduepunti0 : = -1.0389406243517E+25
fil : = 488.32985797299
fipunto1 : = 5.9088602189881E+17
fi_gradi : = 27979.239872075
t1 : = 1.0809327095963E-14
tpunto1 : = 1.0003749168805
tduepunti0 : = -3.4099898561956E+14
v=v_elettrone : = 2999556.1794674
x0= : -8.5808535129049E-13
y0= : -4.5136045962458E-12
*****
i=33120
k(33120)=0.99999098845745
kQ(33120)=0.99998197699611
r1= : 4.5947452678945E-12
rpunto1 : = 1272722.2236653
rduepunti0 : = -1.0388782375677E+25
fil : = 488.32992727133
fipunto1 : = 5.9084759328717E+17
fi_gradi : = 27979.243842578
t1 : = 1.0809327213285E-14
tpunto1 : = 1.0003748769294
tduepunti0 : = -3.4065095193622E+14
v=v_elettrone : = 2998958.3486427
x0= : -8.5780046400965E-13
y0= : -4.5138109726991E-12
```



```
*****
i=33121
k(33121)=0.99999100570182
kQ(33121)=0.99998201148454
r1= : 4.5948945310939E-12
rpunto1: = 1271503.913933
rduerpunti0 : = -1.0388159159676E+25
fil : = 488.32999656517
fipunto1 : = 5.9080920517337E+17
fi_gradi : = 27979.247812822
t1 : = 1.0809327330608E-14
tpunto1 : = 1.0003748370191
tduerpunti0 : = -3.4030300363382E+14
v=v_elettrone : = 2998361.0079537
x0= : -8.5751554594131E-13
y0= : -4.514017187086E-12
*****
i=33122
k(33122)=0.99999102292864
kQ(33122)=0.99998204593787
r1= : 4.5950436514115E-12
rpunto1: = 1270285.6772141
rduerpunti0 : = -1.038753659531E+25
fil : = 488.3300658545
fipunto1 : = 5.9077085754397E+17
fi_gradi : = 27979.251782808
t1 : = 1.0809327447931E-14
tpunto1 : = 1.0003747971496
tduerpunti0 : = -3.3995514061328E+14
v=v_elettrone : = 2997764.1595897
x0= : -8.5723059709883E-13
y0= : -4.514223239415E-12
*****
i=33123
k(33123)=0.99999104013792
kQ(33123)=0.99998208035611
r1= : 4.5951926288559E-12
rpunto1: = 1269067.5134324
rduerpunti0 : = -1.0386914682379E+25
fil : = 488.33013513933
fipunto1 : = 5.9073255038554E+17
fi_gradi : = 27979.255752537
t1 : = 1.0809327565253E-14
tpunto1 : = 1.0003747573209
tduerpunti0 : = -3.3960736277557E+14
v=v_elettrone : = 2997167.8037719
x0= : -8.5694561749534E-13
y0= : -4.5144291296943E-12
*****
i=33124
k(33124)=0.99999105732965
kQ(33124)=0.99998211473928
r1= : 4.5953414634356E-12
rpunto1: = 1267849.4225115
rduerpunti0 : = -1.0386293420681E+25
fil : = 488.33020441968
fipunto1 : = 5.9069428368468E+17
fi_gradi : = 27979.259722008
t1 : = 1.0809327682576E-14
tpunto1 : = 1.000374717533
tduerpunti0 : = -3.3925967002173E+14
v=v_elettrone : = 2996571.9386735
x0= : -8.5666060714394E-13
y0= : -4.5146348579325E-12
```

```
*****
i=33125
k(33125)=0.99999107450386
kQ(33125)=0.99998214908738
r1= : 4.5954901551592E-12
rpunto1 : = 1266631.404375
rduepunti0 : = -1.0385672810014E+25
fil : = 488.33027369553
fipunto1 : = 5.9065605742799E+17
fi_gradi : = 27979.263691222
t1 : = 1.0809327799899E-14
tpunto1 : = 1.0003746777858
tduepunti0 : = -3.3891206225284E+14
v=v_elettrone : = 2995976.5665181
x0= : -8.5637556605796E-13
y0= : -4.5148404241379E-12
*****
i=33126
k(33126)=0.99999109166053
kQ(33126)=0.99998218340041
r1= : 4.5956387040353E-12
rpunto1 : = 1265413.4589465
rduepunti0 : = -1.0385052850176E+25
fil : = 488.3303429669
fipunto1 : = 5.9061787160211E+17
fi_gradi : = 27979.267660179
t1 : = 1.0809327917221E-14
tpunto1 : = 1.0003746380794
tduepunti0 : = -3.3856453937005E+14
v=v_elettrone : = 2995381.6854794
x0= : -8.5609049425049E-13
y0= : -4.5150458283188E-12
*****
i=33127
k(33127)=0.99999110879967
kQ(33127)=0.9999822176784
r1= : 4.5957871100722E-12
rpunto1 : = 1264195.5861498
rduepunti0 : = -1.0384433540968E+25
fil : = 488.33041223379
fipunto1 : = 5.9057972619367E+17
fi_gradi : = 27979.27162888
t1 : = 1.0809328034544E-14
tpunto1 : = 1.0003745984137
tduepunti0 : = -3.3821710127457E+14
v=v_elettrone : = 2994787.2957681
x0= : -8.5580539173485E-13
y0= : -4.5152510704837E-12
*****
i=33128
k(33128)=0.99999112592129
kQ(33128)=0.99998225192133
r1= : 4.5959353732787E-12
rpunto1 : = 1262977.7859087
rduepunti0 : = -1.0383814882188E+25
fil : = 488.33048149621
fipunto1 : = 5.9054162118934E+17
fi_gradi : = 27979.275597324
t1 : = 1.0809328151866E-14
tpunto1 : = 1.0003745587888
tduepunti0 : = -3.3786974786766E+14
v=v_elettrone : = 2994193.3995882
x0= : -8.5552025852436E-13
y0= : -4.5154561506409E-12
```

```
*****
i=33129
k(33129)=0.99999114302539
kQ(33129)=0.99998228612923
r1= : 4.5960834936631E-12
rpunto1 : = 1261760.0581467
rduepunti0 : = -1.0383196873636E+25
fil : = 488.33055075416
fipunto1 : = 5.9050355657578E+17
fi_gradi : = 27979.279565512
t1 : = 1.0809328269189E-14
tpunto1 : = 1.0003745192046
tduepunti0 : = -3.3752247905064E+14
v=v_elettrone : = 2993599.9951377
x0= : -8.5523509463206E-13
y0= : -4.5156610687987E-12
*****
i=33130
k(33130)=0.99999116011198
kQ(33130)=0.9999823203021
r1= : 4.5962314712341E-12
rpunto1 : = 1260542.4027878
rduepunti0 : = -1.0382579515112E+25
fil : = 488.33062000765
fipunto1 : = 5.9046553233969E+17
fi_gradi : = 27979.283533445
t1 : = 1.0809328386512E-14
tpunto1 : = 1.0003744796611
tduepunti0 : = -3.371752947249E+14
v=v_elettrone : = 2993007.0846177
x0= : -8.5494990007124E-13
y0= : -4.5158658249655E-12
*****
i=33131
k(33131)=0.99999117718106
kQ(33131)=0.99998235443995
r1= : 4.5963793059999E-12
rpunto1 : = 1259324.8197556
rduepunti0 : = -1.0381962806415E+25
fil : = 488.33068925667
fipunto1 : = 5.9042754846778E+17
fi_gradi : = 27979.287501122
t1 : = 1.0809328503834E-14
tpunto1 : = 1.0003744401584
tduepunti0 : = -3.3682819479188E+14
v=v_elettrone : = 2992414.6642057
x0= : -8.5466467485492E-13
y0= : -4.5160704191495E-12
*****
i=33132
k(33132)=0.99999119423262
kQ(33132)=0.99998238854279
r1= : 4.5965269979693E-12
rpunto1 : = 1258107.3089741
rduepunti0 : = -1.0381346747347E+25
fil : = 488.33075850124
fipunto1 : = 5.9038960494677E+17
fi_gradi : = 27979.291468544
t1 : = 1.0809328621157E-14
tpunto1 : = 1.0003744006963
tduepunti0 : = -3.3648117915306E+14
v=v_elettrone : = 2991822.7381329
x0= : -8.5437941899662E-13
y0= : -4.5162748513592E-12
```

```
*****
i=33133
k(33133)=0.99999121126669
kQ(33133)=0.99998242261062
r1= : 4.5966745471506E-12
rpunto1 : = 1256889.8703669
rduepunti0 : = -1.0380731337706E+25
fil : = 488.33082774136
fipunto1 : = 5.903517017634E+17
fi_gradi : = 27979.29543571
t1 : = 1.0809328738479E-14
tpunto1 : = 1.0003743612749
tduepunti0 : = -3.3613424771002E+14
v=v_elettrone : = 2991231.306596
x0= : -8.5409413250936E-13
y0= : -4.5164791216028E-12
*****
i=33134
k(33134)=0.99999122828326
kQ(33134)=0.99998245664346
r1= : 4.5968219535522E-12
rpunto1 : = 1255672.5038581
rduepunti0 : = -1.0380116577295E+25
fil : = 488.33089697704
fipunto1 : = 5.9031383890442E+17
fi_gradi : = 27979.299402622
t1 : = 1.0809328855802E-14
tpunto1 : = 1.0003743218942
tduepunti0 : = -3.3578740036436E+14
v=v_elettrone : = 2990640.3657632
x0= : -8.538088154061E-13
y0= : -4.5166832298886E-12
*****
i=33135
k(33135)=0.99999124528233
kQ(33135)=0.9999824906413
r1= : 4.5969692171827E-12
rpunto1 : = 1254455.2093715
rduepunti0 : = -1.0379502465914E+25
fil : = 488.33096620828
fipunto1 : = 5.9027601635661E+17
fi_gradi : = 27979.30336928
t1 : = 1.0809328973125E-14
tpunto1 : = 1.0003742825542
tduepunti0 : = -3.3544063701776E+14
v=v_elettrone : = 2990049.9198763
x0= : -8.5352346770036E-13
y0= : -4.5168871762248E-12
*****
i=33136
k(33136)=0.99999126226391
kQ(33136)=0.99998252460417
r1= : 4.5971163380505E-12
rpunto1 : = 1253237.9868309
rduepunti0 : = -1.0378889003365E+25
fil : = 488.33103543508
fipunto1 : = 5.9023823410676E+17
fi_gradi : = 27979.307335683
t1 : = 1.0809329090447E-14
tpunto1 : = 1.0003742432548
tduepunti0 : = -3.3509395757193E+14
v=v_elettrone : = 2989459.967096
x0= : -8.5323808940509E-13
y0= : -4.5170909606199E-12
```

```
*****
i=33137
k(33137)=0.999991279228
kQ(33137)=0.99998255853206
r1= : 4.597263316164E-12
rpunto1 : = 1252020.8361604
rduepunti0 : = -1.0378276189448E+25
fil : = 488.33110465745
fipunto1 : = 5.9020049214166E+17
fi_gradi : = 27979.311301833
t1 : = 1.080932920777E-14
tpunto1 : = 1.0003742039961
tduepunti0 : = -3.3474736192868E+14
v=v_elettrone : = 2988870.5076386
x0= : -8.529526805335E-13
y0= : -4.517294583082E-12
*****
i=33138
k(33138)=0.99999129617461
kQ(33138)=0.99998259242498
r1= : 4.5974101515317E-12
rpunto1 : = 1250803.7572838
rduepunti0 : = -1.0377664023966E+25
fil : = 488.33117387539
fipunto1 : = 5.9016279044815E+17
fi_gradi : = 27979.315267729
t1 : = 1.0809329325092E-14
tpunto1 : = 1.000374164778
tduepunti0 : = -3.3440084998984E+14
v=v_elettrone : = 2988281.5416995
x0= : -8.526672410988E-13
y0= : -4.5174980436193E-12
*****
i=33139
k(33139)=0.99999131310374
kQ(33139)=0.99998262628295
r1= : 4.597556844162E-12
rpunto1 : = 1249586.7501252
rduepunti0 : = -1.037705250672E+25
fil : = 488.33124308891
fipunto1 : = 5.9012512901305E+17
fi_gradi : = 27979.319233372
t1 : = 1.0809329442415E-14
tpunto1 : = 1.0003741256005
tduepunti0 : = -3.3405442165733E+14
v=v_elettrone : = 2987693.0715124
x0= : -8.5238177111418E-13
y0= : -4.5177013422402E-12
*****
i=33140
k(33140)=0.9999913300154
kQ(33140)=0.99998266010597
r1= : 4.5977033940633E-12
rpunto1 : = 1248369.8146085
rduepunti0 : = -1.0376441637514E+25
fil : = 488.33131229801
fipunto1 : = 5.9008750782323E+17
fi_gradi : = 27979.323198761
t1 : = 1.0809329559738E-14
tpunto1 : = 1.0003740864636
tduepunti0 : = -3.3370807683308E+14
v=v_elettrone : = 2987105.0932065
x0= : -8.5209627059256E-13
y0= : -4.5179044789529E-12
```

```
*****
i=33141
k(33141)=0.99999134690959
kQ(33141)=0.99998269389405
r1= : 4.5978498012439E-12
rpunto1: = 1247152.9506578
rduepunti0 : = -1.0375831416148E+25
fil : = 488.3313815027
fipunto1 : = 5.9004992686554E+17
fi_gradi : = 27979.327163898
t1 : = 1.080932967706E-14
tpunto1 : = 1.0003740473674
tduepunti0 : = -3.3336181541913E+14
v=v_elettrone : = 2986517.6110478
x0= : -8.5181073954736E-13
y0= : -4.5181074537656E-12
*****
i=33142
k(33142)=0.9999913637863
kQ(33142)=0.99998272764719
r1= : 4.5979960657124E-12
rpunto1: = 1245936.1581971
rduepunti0 : = -1.0375221842426E+25
fil : = 488.33145070299
fipunto1 : = 5.9001238612687E+17
fi_gradi : = 27979.331128782
t1 : = 1.0809329794383E-14
tpunto1 : = 1.0003740083118
tduepunti0 : = -3.3301563731755E+14
v=v_elettrone : = 2985930.6211855
x0= : -8.5152517799149E-13
y0= : -4.5183102666866E-12
*****
i=33143
k(33143)=0.99999138064556
kQ(33143)=0.99998276136541
r1= : 4.598142187477E-12
rpunto1: = 1244719.4371505
rduepunti0 : = -1.037461291615E+25
fil : = 488.33151989887
fipunto1 : = 5.8997488559413E+17
fi_gradi : = 27979.335093414
t1 : = 1.0809329911705E-14
tpunto1 : = 1.0003739692967
tduepunti0 : = -3.3266954243047E+14
v=v_elettrone : = 2985344.1258353
x0= : -8.5123958593834E-13
y0= : -4.5185129177239E-12
*****
i=33144
k(33144)=0.99999139748735
kQ(33144)=0.99998279504871
r1= : 4.5982881665461E-12
rpunto1: = 1243502.787442
rduepunti0 : = -1.0374004637125E+25
fil : = 488.33158909035
fipunto1 : = 5.8993742525423E+17
fi_gradi : = 27979.339057794
t1 : = 1.0809330029028E-14
tpunto1 : = 1.0003739303223
tduepunti0 : = -3.3232353066008E+14
v=v_elettrone : = 2984758.1272318
x0= : -8.5095396340105E-13
y0= : -4.5187154068858E-12
```

```

*****
i=33145
k(33145)=0.99999141431169
kQ(33145)=0.9999828286971
r1= : 4.5984340029282E-12
rpunto1 : = 1242286.2089959
rduepunti0 : = -1.0373397005152E+25
fil : = 488.33165827744
fipunto1 : = 5.8990000509411E+17
fi_gradi : = 27979.343021922
t1 : = 1.080933014635E-14
tpunto1 : = 1.0003738913884
tduepunti0 : = -3.3197760190863E+14
v=v_elettrone : = 2984172.6215148
x0= : -8.506683103925E-13
y0= : -4.5189177341806E-12
*****
i=33146
k(33146)=0.99999143111858
kQ(33146)=0.99998286231059
r1= : 4.5985796966315E-12
rpunto1 : = 1241069.7017361
rduepunti0 : = -1.0372790020036E+25
fil : = 488.33172746015
fipunto1 : = 5.8986262510071E+17
fi_gradi : = 27979.346985799
t1 : = 1.0809330263673E-14
tpunto1 : = 1.000373852495
tduepunti0 : = -3.3163175607841E+14
v=v_elettrone : = 2983587.61092
x0= : -8.5038262692604E-13
y0= : -4.5191198996163E-12
*****
i=33147
k(33147)=0.99999144790802
kQ(33147)=0.99998289588919
r1= : 4.5987252476645E-12
rpunto1 : = 1239853.2655869
rduepunti0 : = -1.0372183681581E+25
fil : = 488.33179663846
fipunto1 : = 5.89825285261E+17
fi_gradi : = 27979.350949425
t1 : = 1.0809330380995E-14
tpunto1 : = 1.0003738136422
tduepunti0 : = -3.3128599307179E+14
v=v_elettrone : = 2983003.0956354
x0= : -8.5009691301478E-13
y0= : -4.5193219032012E-12
*****
i=33148
k(33148)=0.99999146468002
kQ(33148)=0.9999829294329
r1= : 4.5988706560354E-12
rpunto1 : = 1238636.9004725
rduepunti0 : = -1.0371577989591E+25
fil : = 488.3318658124
fipunto1 : = 5.8978798556196E+17
fi_gradi : = 27979.3549128
t1 : = 1.0809330498318E-14
tpunto1 : = 1.00037377483
tduepunti0 : = -3.3094031279118E+14
v=v_elettrone : = 2982419.0758752
x0= : -8.4981116867181E-13
y0= : -4.5195237449434E-12

```

```
*****
i=33149
k(33149)=0.99999148143458
kQ(33149)=0.99998296294173
r1= : 4.5990159217526E-12
rpunto1 : = 1237420.6063171
rduepunti0 : = -1.0370972943869E+25
fil : = 488.33193498197
fipunto1 : = 5.8975072599059E+17
fi_gradi : = 27979.358875924
t1 : = 1.080933061564E-14
tpunto1 : = 1.0003737360583
tduepunti0 : = -3.3059471513906E+14
v=v_elettrone : = 2981835.5518247
x0= : -8.4952539391022E-13
y0= : -4.519725424851E-12
*****
i=33150
k(33150)=0.9999914981717
kQ(33150)=0.99998299641569
r1= : 4.5991610448244E-12
rpunto1 : = 1236204.3830449
rduepunti0 : = -1.0370368544222E+25
fil : = 488.33200414716
fipunto1 : = 5.897135065339E+17
fi_gradi : = 27979.362838797
t1 : = 1.0809330732963E-14
tpunto1 : = 1.0003736973271
tduepunti0 : = -3.3024920001796E+14
v=v_elettrone : = 2981252.5216618
x0= : -8.4923958874306E-13
y0= : -4.5199269429323E-12
*****
i=33151
k(33151)=0.99999151489139
kQ(33151)=0.99998302985478
r1= : 4.5993060252591E-12
rpunto1 : = 1234988.2305801
rduepunti0 : = -1.0369764790452E+25
fil : = 488.33207330799
fipunto1 : = 5.8967632717892E+17
fi_gradi : = 27979.366801421
t1 : = 1.0809330850286E-14
tpunto1 : = 1.0003736586364
tduepunti0 : = -3.2990376733047E+14
v=v_elettrone : = 2980669.9876158
x0= : -8.4895375318366E-13
y0= : -4.5201282991952E-12
*****
i=33152
k(33152)=0.99999153159366
kQ(33152)=0.99998306325902
r1= : 4.5994508630651E-12
rpunto1 : = 1233772.148847
rduepunti0 : = -1.0369161682366E+25
fil : = 488.33214246446
fipunto1 : = 5.896391879127E+17
fi_gradi : = 27979.370763795
t1 : = 1.0809330967608E-14
tpunto1 : = 1.0003736199862
tduepunti0 : = -3.2955841697922E+14
v=v_elettrone : = 2980087.9498854
x0= : -8.4866788724507E-13
y0= : -4.520329493648E-12
```



```
*****
i=33153
k(33153)=0.99999154827849
kQ(33153)=0.99998309662842
r1= : 4.5995955582506E-12
rpunto1: = 1232556.13777
rduepunti0 : = -1.0368559219769E+25
fil : = 488.33221161657
fipunto1 : = 5.8960208872229E+17
fi_gradi : = 27979.374725919
t1 : = 1.0809331084931E-14
tpunto1 : = 1.0003735813765
tduepunti0 : = -3.2921314886692E+14
v=v_elettrone : = 2979506.4086662
x0= : -8.4838199094031E-13
y0= : -4.5205305262987E-12
*****
i=33154
k(33154)=0.99999156494591
kQ(33154)=0.99998312996298
r1= : 4.5997401108239E-12
rpunto1: = 1231340.1972733
rduepunti0 : = -1.0367957402465E+25
fil : = 488.33228076434
fipunto1 : = 5.8956502959478E+17
fi_gradi : = 27979.378687794
t1 : = 1.0809331202253E-14
tpunto1 : = 1.0003735428073
tduepunti0 : = -3.2886796289632E+14
v=v_elettrone : = 2978925.3621363
x0= : -8.4809606428242E-13
y0= : -4.5207313971554E-12
*****
i=33155
k(33155)=0.99999158159592
kQ(33155)=0.9999831632627
r1= : 4.5998845207932E-12
rpunto1: = 1230124.3272813
rduepunti0 : = -1.0367356230262E+25
fil : = 488.33234990775
fipunto1 : = 5.8952801051726E+17
fi_gradi : = 27979.38264942
t1 : = 1.0809331319576E-14
tpunto1 : = 1.0003735042786
tduepunti0 : = -3.2852285897024E+14
v=v_elettrone : = 2978344.8125154
x0= : -8.4781010728466E-13
y0= : -4.5209321062263E-12
*****
i=33156
k(33156)=0.99999159822851
kQ(33156)=0.9999831965276
r1= : 4.600028788167E-12
rpunto1: = 1228908.5277184
rduepunti0 : = -1.0366755702965E+25
fil : = 488.33241904683
fipunto1 : = 5.8949103147683E+17
fi_gradi : = 27979.386610797
t1 : = 1.0809331436898E-14
tpunto1 : = 1.0003734657903
tduepunti0 : = -3.2817783699154E+14
v=v_elettrone : = 2977764.7600108
x0= : -8.4752411996004E-13
y0= : -4.5211326535194E-12
```

```
*****
i=33157
k(33157)=0.99999161484369
kQ(33157)=0.99998322975769
r1= : 4.6001729129533E-12
rpunto1: = 1227692.7985089
rduepunti0 : = -1.0366155820379E+25
fil : = 488.33248818157
fipunto1 : = 5.8945409246063E+17
fi_gradi : = 27979.390571926
t1 : = 1.0809331554221E-14
tpunto1 : = 1.0003734273425
tduepunti0 : = -3.2783289686315E+14
v=v_elettrone : = 2977185.2027875
x0= : -8.4723810232155E-13
y0= : -4.5213330390428E-12
*****
i=33158
k(33158)=0.99999163144147
kQ(33158)=0.99998326295296
r1= : 4.6003168951606E-12
rpunto1: = 1226477.1395773
rduepunti0 : = -1.0365556582313E+25
fil : = 488.33255731197
fipunto1 : = 5.8941719345579E+17
fi_gradi : = 27979.394532806
t1 : = 1.0809331671543E-14
tpunto1 : = 1.0003733889351
tduepunti0 : = -3.2748803848806E+14
v=v_elettrone : = 2976606.1430755
x0= : -8.4695205438244E-13
y0= : -4.5215332628044E-12
*****
i=33159
k(33159)=0.99999164802184
kQ(33159)=0.99998329611344
r1= : 4.6004607347969E-12
rpunto1: = 1225261.5508479
rduepunti0 : = -1.0364957988571E+25
fil : = 488.33262643805
fipunto1 : = 5.8938033444947E+17
fi_gradi : = 27979.398493439
t1 : = 1.0809331788866E-14
tpunto1 : = 1.0003733505682
tduepunti0 : = -3.2714326176929E+14
v=v_elettrone : = 2976027.5810822
x0= : -8.4666597615566E-13
y0= : -4.5217333248125E-12
*****
i=33160
k(33160)=0.99999166458482
kQ(33160)=0.99998332923912
r1= : 4.6006044318706E-12
rpunto1: = 1224046.0322453
rduepunti0 : = -1.0364360038962E+25
fil : = 488.33269555981
fipunto1 : = 5.8934351542885E+17
fi_gradi : = 27979.402453824
t1 : = 1.0809331906188E-14
tpunto1 : = 1.0003733122417
tduepunti0 : = -3.2679856660994E+14
v=v_elettrone : = 2975449.5129331
x0= : -8.4637986765419E-13
y0= : -4.5219332250751E-12
```

```
*****
i=33161
k(33161)=0.99999168113041
kQ(33161)=0.99998336233002
r1= : 4.6007479863898E-12
rpunto1: = 1222830.583694
rduepunti0 : = -1.0363762733292E+25
fil : = 488.33276467724
fipunto1 : = 5.893067363811E+17
fi_gradi : = 27979.406413961
t1 : = 1.080933202351E-14
tpunto1 : = 1.0003732739556
tduepunti0 : = -3.2645395291316E+14
v=v_elettrone : = 2974871.9449288
x0= : -8.4609372889148E-13
y0= : -4.5221329636E-12
*****
i=33162
k(33162)=0.99999169765861
kQ(33162)=0.99998339538615
r1= : 4.6008913983628E-12
rpunto1: = 1221615.2051184
rduepunti0 : = -1.0363166071369E+25
fil : = 488.33283379037
fipunto1 : = 5.8926999729344E+17
fi_gradi : = 27979.410373852
t1 : = 1.0809332140833E-14
tpunto1 : = 1.0003732357099
tduepunti0 : = -3.2610942058216E+14
v=v_elettrone : = 2974294.8731995
x0= : -8.4580755988022E-13
y0= : -4.5223325403954E-12
*****
i=33163
k(33163)=0.99999171416942
kQ(33163)=0.9999834284075
r1= : 4.6010346677978E-12
rpunto1: = 1220399.896443
rduepunti0 : = -1.0362570053E+25
fil : = 488.33290289918
fipunto1 : = 5.892332981531E+17
fi_gradi : = 27979.414333495
t1 : = 1.0809332258155E-14
tpunto1 : = 1.0003731975046
tduepunti0 : = -3.2576496952018E+14
v=v_elettrone : = 2973718.2979533
x0= : -8.4552136063359E-13
y0= : -4.5225319554693E-12
*****
i=33164
k(33164)=0.99999173066285
kQ(33164)=0.99998346139409
r1= : 4.601177794703E-12
rpunto1: = 1219184.6575924
rduepunti0 : = -1.0361974677993E+25
fil : = 488.33297200369
fipunto1 : = 5.8919663894729E+17
fi_gradi : = 27979.418292892
t1 : = 1.0809332375478E-14
tpunto1 : = 1.0003731593397
tduepunti0 : = -3.2542059963056E+14
v=v_elettrone : = 2973142.2214184
x0= : -8.4523513116477E-13
y0= : -4.5227312088297E-12
```

```
*****
i=33165
k(33165)=0.99999174713891
kQ(33165)=0.99998349434593
r1= : 4.6013207790866E-12
rpunto1: = 1217969.4884912
rduepunti0 : = -1.0361379946157E+25
fil : = 488.33304110391
fipunto1 : = 5.8916001966328E+17
fi_gradi : = 27979.422252042
t1 : = 1.08093324928E-14
tpunto1 : = 1.0003731212152
tduepunti0 : = -3.2507631081666E+14
v=v_elettrone : = 2972566.6417521
x0= : -8.4494887148666E-13
y0= : -4.5229303004846E-12
*****
i=33166
k(33166)=0.99999176359759
kQ(33166)=0.99998352726302
r1= : 4.6014636209567E-12
rpunto1: = 1216754.389064
rduepunti0 : = -1.0360785857299E+25
fil : = 488.33311019982
fipunto1 : = 5.8912344028833E+17
fi_gradi : = 27979.426210947
t1 : = 1.0809332610123E-14
tpunto1 : = 1.000373083131
tduepunti0 : = -3.247321029819E+14
v=v_elettrone : = 2971991.5612034
x0= : -8.4466258161241E-13
y0= : -4.5231292304419E-12
*****
i=33167
k(33167)=0.9999917800389
kQ(33167)=0.99998356014537
r1= : 4.6016063203216E-12
rpunto1: = 1215539.3592353
rduepunti0 : = -1.0360192411229E+25
fil : = 488.33317929145
fipunto1 : = 5.8908690080973E+17
fi_gradi : = 27979.430169605
t1 : = 1.0809332727445E-14
tpunto1 : = 1.0003730450872
tduepunti0 : = -3.2438797602977E+14
v=v_elettrone : = 2971416.9758878
x0= : -8.4437626155491E-13
y0= : -4.5233279987097E-12
*****
i=33168
k(33168)=0.99999179646285
kQ(33168)=0.99998359299299
r1= : 4.6017488771893E-12
rpunto1: = 1214324.3989299
rduepunti0 : = -1.0359599607754E+25
fil : = 488.33324837879
fipunto1 : = 5.8905040121478E+17
fi_gradi : = 27979.434128019
t1 : = 1.0809332844768E-14
tpunto1 : = 1.0003730070838
tduepunti0 : = -3.2404392986381E+14
v=v_elettrone : = 2970842.892123
x0= : -8.4408991132755E-13
y0= : -4.5235266052958E-12
```

```
*****
i=33169
k(33169)=0.99999181286943
kQ(33169)=0.99998362580589
r1= : 4.6018912915681E-12
rpunto1 : = 1213109.5080723
rduepunti0 : = -1.0359007446685E+25
fil : = 488.33331746185
fipunto1 : = 5.8901394149079E+17
fi_gradi : = 27979.438086186
t1 : = 1.080933296209E-14
tpunto1 : = 1.0003729691207
tduepunti0 : = -3.2369996438761E+14
v=v_elettrone : = 2970269.3039898
x0= : -8.4380353094293E-13
y0= : -4.5237250502082E-12
*****
i=33170
k(33170)=0.99999182925866
kQ(33170)=0.99998365858408
r1= : 4.6020335634661E-12
rpunto1 : = 1211894.6865873
rduepunti0 : = -1.035841592783E+25
fil : = 488.33338654064
fipunto1 : = 5.889775216251E+17
fi_gradi : = 27979.442044109
t1 : = 1.0809333079413E-14
tpunto1 : = 1.0003729311979
tduepunti0 : = -3.2335607950482E+14
v=v_elettrone : = 2969696.2157611
x0= : -8.4351712041442E-13
y0= : -4.523923333455E-12
*****
i=33171
k(33171)=0.99999184563053
kQ(33171)=0.99998369132755
r1= : 4.6021756928914E-12
rpunto1 : = 1210679.9343996
rduepunti0 : = -1.0357825050999E+25
fil : = 488.33345561515
fipunto1 : = 5.8894114160505E+17
fi_gradi : = 27979.446001787
t1 : = 1.0809333196735E-14
tpunto1 : = 1.0003728933154
tduepunti0 : = -3.2301227511914E+14
v=v_elettrone : = 2969123.6256148
x0= : -8.4323067975487E-13
y0= : -4.5241214550439E-12
*****
i=33172
k(33172)=0.99999186198505
kQ(33172)=0.99998372403633
r1= : 4.6023176798521E-12
rpunto1 : = 1209465.2514338
rduepunti0 : = -1.0357234816002E+25
fil : = 488.3335246854
fipunto1 : = 5.88904801418E+17
fi_gradi : = 27979.449959221
t1 : = 1.0809333314057E-14
tpunto1 : = 1.0003728554733
tduepunti0 : = -3.2266855113432E+14
v=v_elettrone : = 2968551.5337291
x0= : -8.4294420897735E-13
y0= : -4.524319414983E-12
```

```
*****
i=33173
k(33173)=0.99999187832222
kQ(33173)=0.99998375671041
r1= : 4.6024595243565E-12
rpunto1 : = 1208250.6376148
rduepunti0 : = -1.0356645222648E+25
fil : = 488.33359375139
fipunto1 : = 5.8886850105133E+17
fi_gradi : = 27979.453916411
t1 : = 1.080933343138E-14
tpunto1 : = 1.0003728176715
tduepunti0 : = -3.2232490745419E+14
v=v_elettrone : = 2967979.9403134
x0= : -8.4265770809495E-13
y0= : -4.5245172132801E-12
*****
i=33174
k(33174)=0.99999189464206
kQ(33174)=0.99998378934981
r1= : 4.6026012264125E-12
rpunto1 : = 1207036.0928673
rduepunti0 : = -1.0356056270748E+25
fil : = 488.33366281311
fipunto1 : = 5.8883224049244E+17
fi_gradi : = 27979.457873356
t1 : = 1.0809333548702E-14
tpunto1 : = 1.0003727799099
tduepunti0 : = -3.219813439826E+14
v=v_elettrone : = 2967408.847607
x0= : -8.4237117712074E-13
y0= : -4.5247148499431E-12
*****
i=33175
k(33175)=0.99999191094455
kQ(33175)=0.99998382195453
r1= : 4.6027427860282E-12
rpunto1 : = 1205821.6171161
rduepunti0 : = -1.0355467960112E+25
fil : = 488.33373187059
fipunto1 : = 5.8879601972874E+17
fi_gradi : = 27979.461830058
t1 : = 1.0809333666025E-14
tpunto1 : = 1.0003727421886
tduepunti0 : = -3.2163786062348E+14
v=v_elettrone : = 2966838.2517254
x0= : -8.4208461606751E-13
y0= : -4.52491232498E-12
*****
i=33176
k(33176)=0.9999919272297
kQ(33176)=0.99998385452458
r1= : 4.6028842032119E-12
rpunto1 : = 1204607.210286
rduepunti0 : = -1.0354880290551E+25
fil : = 488.33380092382
fipunto1 : = 5.8875983874765E+17
fi_gradi : = 27979.465786517
t1 : = 1.0809333783347E-14
tpunto1 : = 1.0003727045076
tduepunti0 : = -3.2129445728081E+14
v=v_elettrone : = 2966268.1569562
x0= : -8.4179802494856E-13
y0= : -4.5251096383986E-12
```

```
*****
i=33177
k(33177)=0.99999194349753
kQ(33177)=0.99998388705997
r1= : 4.6030254779715E-12
rpunto1: = 1203392.8723019
rduepunti0 : = -1.0354293261876E+25
fil : = 488.3338699728
fipunto1 : = 5.8872369753661E+17
fi_gradi : = 27979.469742732
t1 : = 1.0809333900669E-14
tpunto1 : = 1.0003726668669
tduepunti0 : = -3.2095113385862E+14
v=v_elettrone : = 2965698.5614392
x0= : -8.4151140377668E-13
y0= : -4.5253067902067E-12
*****
i=33178
k(33178)=0.99999195974803
kQ(33178)=0.9999839195607
r1= : 4.6031666103151E-12
rpunto1: = 1202178.6030886
rduepunti0 : = -1.0353706873898E+25
fil : = 488.33393901755
fipunto1 : = 5.8868759608309E+17
fi_gradi : = 27979.473698704
t1 : = 1.0809334017992E-14
tpunto1 : = 1.0003726292664
tduepunti0 : = -3.20607890261E+14
v=v_elettrone : = 2965129.4653966
x0= : -8.4122475256489E-13
y0= : -4.5255037804124E-12
*****
i=33179
k(33179)=0.9999919759812
kQ(33179)=0.99998395202679
r1= : 4.6033076002508E-12
rpunto1: = 1200964.402571
rduepunti0 : = -1.0353121126428E+25
fil : = 488.33400805806
fipunto1 : = 5.8865153437455E+17
fi_gradi : = 27979.477654434
t1 : = 1.0809334135314E-14
tpunto1 : = 1.0003725917062
tduepunti0 : = -3.2026472639208E+14
v=v_elettrone : = 2964560.8690137
x0= : -8.409380713262E-13
y0= : -4.5257006090233E-12
*****
i=33180
k(33180)=0.99999199219706
kQ(33180)=0.99998398445824
r1= : 4.6034484477867E-12
rpunto1: = 1199750.270674
rduepunti0 : = -1.0352536019279E+25
fil : = 488.33407709434
fipunto1 : = 5.8861551239848E+17
fi_gradi : = 27979.481609922
t1 : = 1.0809334252637E-14
tpunto1 : = 1.0003725541862
tduepunti0 : = -3.1992164215607E+14
v=v_elettrone : = 2963992.7704544
x0= : -8.4065136007361E-13
y0= : -4.5258972760474E-12
```

```
*****
i=33181
k(33181)=0.99999200839559
kQ(33181)=0.99998401685505
r1= : 4.6035891529308E-12
rpunto1: = 1198536.2073225
rduepunti0 : = -1.0351951552261E+25
fil : = 488.3341461264
fipunto1 : = 5.8857953014239E+17
fi_gradi : = 27979.485565168
t1 : = 1.0809334369959E-14
tpunto1 : = 1.0003725167064
tduepunti0 : = -3.195786374572E+14
v=v_elettrone : = 2963425.1739924
x0= : -8.4036461882038E-13
y0= : -4.5260937814925E-12
*****
i=33182
k(33182)=0.99999202457682
kQ(33182)=0.99998404921724
r1= : 4.6037297156911E-12
rpunto1: = 1197322.2124415
rduepunti0 : = -1.0351367725186E+25
fil : = 488.33421515424
fipunto1 : = 5.885435875938E+17
fi_gradi : = 27979.489520171
t1 : = 1.0809334487281E-14
tpunto1 : = 1.0003724792669
tduepunti0 : = -3.1923571219979E+14
v=v_elettrone : = 2962858.0777939
x0= : -8.4007784757923E-13
y0= : -4.5262901253663E-12
*****
i=33183
k(33183)=0.99999204074073
kQ(33183)=0.99998408154482
r1= : 4.6038701360757E-12
rpunto1: = 1196108.2859559
rduepunti0 : = -1.0350784537868E+25
fil : = 488.33428417786
fipunto1 : = 5.8850768474024E+17
fi_gradi : = 27979.493474934
t1 : = 1.0809334604604E-14
tpunto1 : = 1.0003724418676
tduepunti0 : = -3.188928662882E+14
v=v_elettrone : = 2962291.4820535
x0= : -8.3979104636314E-13
y0= : -4.5264863076768E-12
*****
i=33184
k(33184)=0.99999205688735
kQ(33184)=0.99998411383779
r1= : 4.6040104140925E-12
rpunto1: = 1194894.4277908
rduepunti0 : = -1.0350201990119E+25
fil : = 488.33435319727
fipunto1 : = 5.8847182156926E+17
fi_gradi : = 27979.497429455
t1 : = 1.0809334721926E-14
tpunto1 : = 1.0003724045084
tduepunti0 : = -3.1855009962682E+14
v=v_elettrone : = 2961725.3869685
x0= : -8.3950421518505E-13
y0= : -4.5266823284317E-12
```



```
*****
i=33185
k(33185)=0.99999207301666
kQ(33185)=0.99998414609615
r1= : 4.6041505497497E-12
rpunto1 : = 1193680.6378711
rduepunti0 : = -1.0349620081751E+25
fil : = 488.33442221248
fipunto1 : = 5.8843599806843E+17
fi_gradi : = 27979.501383735
t1 : = 1.0809334839249E-14
tpunto1 : = 1.0003723671895
tduepunti0 : = -3.1820741212014E+14
v=v_elettrone : = 2961159.7906993
x0= : -8.3921735405793E-13
y0= : -4.5268781876388E-12
*****
i=33186
k(33186)=0.99999208912867
kQ(33186)=0.99998417831992
r1= : 4.6042905430551E-12
rpunto1 : = 1192466.916122
rduepunti0 : = -1.0349038812578E+25
fil : = 488.33449122349
fipunto1 : = 5.8840021422534E+17
fi_gradi : = 27979.505337774
t1 : = 1.0809334956571E-14
tpunto1 : = 1.0003723299107
tduepunti0 : = -3.1786480367267E+14
v=v_elettrone : = 2960594.6954856
x0= : -8.3893046299496E-13
y0= : -4.527073885306E-12
*****
i=33187
k(33187)=0.99999210522339
kQ(33187)=0.9999842105091
r1= : 4.6044303940169E-12
rpunto1 : = 1191253.2624683
rduepunti0 : = -1.0348458182412E+25
fil : = 488.33456023029
fipunto1 : = 5.8836447002758E+17
fi_gradi : = 27979.509291573
t1 : = 1.0809335073893E-14
tpunto1 : = 1.0003722926721
tduepunti0 : = -3.1752227418898E+14
v=v_elettrone : = 2960030.1035731
x0= : -8.3864354200909E-13
y0= : -4.5272694214409E-12
*****
i=33188
k(33188)=0.99999212130082
kQ(33188)=0.99998424266371
r1= : 4.604570102643E-12
rpunto1 : = 1190039.6768353
rduepunti0 : = -1.0347878191068E+25
fil : = 488.33462923291
fipunto1 : = 5.8832876546276E+17
fi_gradi : = 27979.513245132
t1 : = 1.0809335191216E-14
tpunto1 : = 1.0003722554737
tduepunti0 : = -3.171798235737E+14
v=v_elettrone : = 2959466.0110622
x0= : -8.3835659111297E-13
y0= : -4.5274647960513E-12
```

```
*****
i=33189
k(33189)=0.99999213736096
kQ(33189)=0.99998427478374
r1= : 4.6047096689413E-12
rpunto1 : = 1188826.1591481
rduepunti0 : = -1.0347298838358E+25
fil : = 488.33469823134
fipunto1 : = 5.8829310051852E+17
fi_gradi : = 27979.51719845
t1 : = 1.0809335308538E-14
tpunto1 : = 1.0003722183154
tduepunti0 : = -3.1683745173152E+14
v=v_elettrone : = 2958902.4181661
x0= : -8.3806961031976E-13
y0= : -4.5276600091451E-12
*****
i=33190
k(33190)=0.99999215340382
kQ(33190)=0.99998430686921
r1= : 4.6048490929198E-12
rpunto1 : = 1187612.7093316
rduepunti0 : = -1.0346720124097E+25
fil : = 488.33476722559
fipunto1 : = 5.8825747518249E+17
fi_gradi : = 27979.52115153
t1 : = 1.080933542586E-14
tpunto1 : = 1.0003721811972
tduepunti0 : = -3.1649515856717E+14
v=v_elettrone : = 2958339.3291636
x0= : -8.3778259964262E-13
y0= : -4.5278550607299E-12
*****
i=33191
k(33191)=0.9999921694294
kQ(33191)=0.99998433892012
r1= : 4.6049883745865E-12
rpunto1 : = 1186399.3273112
rduepunti0 : = -1.03461420481E+25
fil : = 488.33483621565
fipunto1 : = 5.8822188944235E+17
fi_gradi : = 27979.525104369
t1 : = 1.0809335543183E-14
tpunto1 : = 1.0003721441192
tduepunti0 : = -3.1615294398543E+14
v=v_elettrone : = 2957776.7401632
x0= : -8.3749555909419E-13
y0= : -4.5280499508135E-12
*****
i=33192
k(33192)=0.99999218543771
kQ(33192)=0.99998437093648
r1= : 4.6051275139494E-12
rpunto1 : = 1185186.0130119
rduepunti0 : = -1.0345564610179E+25
fil : = 488.33490520155
fipunto1 : = 5.8818634328576E+17
fi_gradi : = 27979.52905697
t1 : = 1.0809335660505E-14
tpunto1 : = 1.0003721070814
tduepunti0 : = -3.1581080789115E+14
v=v_elettrone : = 2957214.6534154
x0= : -8.3720848868759E-13
y0= : -4.5282446794036E-12
```

```
*****
i=33193
k(33193)=0.99999220142874
kQ(33193)=0.99998440291831
r1= : 4.6052665110164E-12
rpunto1: = 1183972.766359
rduepunti0 : = -1.0344987810151E+25
fil : = 488.33497418327
fipunto1 : = 5.8815083670042E+17
fi_gradi : = 27979.533009332
t1 : = 1.0809335777827E-14
tpunto1 : = 1.0003720700836
tduepunti0 : = -3.1546875018922E+14
v=v_elettrone : = 2956653.0691108
x0= : -8.369213884357E-13
y0= : -4.5284392465079E-12
*****
i=33194
k(33194)=0.99999221740251
kQ(33194)=0.99998443486559
r1= : 4.6054053657954E-12
rpunto1: = 1182759.5872777
rduepunti0 : = -1.0344411647829E+25
fil : = 488.33504316084
fipunto1 : = 5.8811536967403E+17
fi_gradi : = 27979.536961455
t1 : = 1.080933589515E-14
tpunto1 : = 1.0003720331259
tduepunti0 : = -3.151267707846E+14
v=v_elettrone : = 2956091.9854089
x0= : -8.3663425835136E-13
y0= : -4.5286336521341E-12
*****
i=33195
k(33195)=0.99999223335902
kQ(33195)=0.99998446677835
r1= : 4.6055440782943E-12
rpunto1: = 1181546.4756931
rduepunti0 : = -1.0343836123029E+25
fil : = 488.33511213424
fipunto1 : = 5.8807994219432E+17
fi_gradi : = 27979.54091334
t1 : = 1.0809336012472E-14
tpunto1 : = 1.0003719962084
tduepunti0 : = -3.1478486958228E+14
v=v_elettrone : = 2955531.4045506
x0= : -8.3634709844768E-13
y0= : -4.52882789629E-12
*****
i=33196
k(33196)=0.99999224929826
kQ(33196)=0.99998449865659
r1= : 4.6056826485211E-12
rpunto1: = 1180333.4315307
rduepunti0 : = -1.0343261235567E+25
fil : = 488.33518110348
fipunto1 : = 5.8804455424902E+17
fi_gradi : = 27979.544864986
t1 : = 1.0809336129794E-14
tpunto1 : = 1.0003719593309
tduepunti0 : = -3.1444304648732E+14
v=v_elettrone : = 2954971.3246924
x0= : -8.3605990873751E-13
y0= : -4.5290219789832E-12
```

```
*****
i=33197
k(33197)=0.99999226522025
kQ(33197)=0.99998453050032
r1= : 4.6058210764836E-12
rpunto1 : = 1179120.4547155
rduepunti0 : = -1.0342686985257E+25
fil : = 488.33525006858
fipunto1 : = 5.8800920582589E+17
fi_gradi : = 27979.548816395
t1 : = 1.0809336247117E-14
tpunto1 : = 1.0003719224935
tduepunti0 : = -3.1410130140482E+14
v=v_elettrone : = 2954411.7480676
x0= : -8.3577268923391E-13
y0= : -4.5292159002214E-12
*****
i=33198
k(33198)=0.99999228112498
kQ(33198)=0.99998456230955
r1= : 4.6059593621898E-12
rpunto1 : = 1177907.5451729
rduepunti0 : = -1.0342113371915E+25
fil : = 488.33531902953
fipunto1 : = 5.879738969127E+17
fi_gradi : = 27979.552767567
t1 : = 1.0809336364439E-14
tpunto1 : = 1.0003718856962
tduepunti0 : = -3.1375963423996E+14
v=v_elettrone : = 2953852.6748877
x0= : -8.354854399497E-13
y0= : -4.5294096600123E-12
*****
i=33199
k(33199)=0.99999229701247
kQ(33199)=0.99998459408427
r1= : 4.6060975056476E-12
rpunto1 : = 1176694.7028283
rduepunti0 : = -1.0341540395359E+25
fil : = 488.33538798634
fipunto1 : = 5.8793862749723E+17
fi_gradi : = 27979.556718501
t1 : = 1.0809336481761E-14
tpunto1 : = 1.000371848939
tduepunti0 : = -3.1341804489794E+14
v=v_elettrone : = 2953294.103298
x0= : -8.3519816089769E-13
y0= : -4.5296032583635E-12
*****
i=33200
k(33200)=0.99999231288271
kQ(33200)=0.99998462582451
r1= : 4.6062355068648E-12
rpunto1 : = 1175481.927607
rduepunti0 : = -1.0340968055403E+25
fil : = 488.33545693902
fipunto1 : = 5.8790339756728E+17
fi_gradi : = 27979.560669198
t1 : = 1.0809336599084E-14
tpunto1 : = 1.0003718122217
tduepunti0 : = -3.1307653328404E+14
v=v_elettrone : = 2952736.0335018
x0= : -8.3491085209094E-13
y0= : -4.5297966952827E-12
```

```
*****
i=33201
k(33201)=0.99999232873571
kQ(33201)=0.99998465753026
r1= : 4.6063733658493E-12
rpunto1 : = 1174269.2194343
rduepunti0 : = -1.0340396351864E+25
fil : = 488.33552588756
fipunto1 : = 5.8786820711066E+17
fi_gradi : = 27979.564619659
t1 : = 1.0809336716406E-14
tpunto1 : = 1.0003717755446
tduepunti0 : = -3.1273509930356E+14
v=v_elettrone : = 2952178.4677352
x0= : -8.3462351354247E-13
y0= : -4.5299899707774E-12
*****
i=33202
k(33202)=0.99999234457147
kQ(33202)=0.99998468920154
r1= : 4.606511082609E-12
rpunto1 : = 1173056.5782357
rduepunti0 : = -1.0339825284559E+25
fil : = 488.33559483198
fipunto1 : = 5.8783305611522E+17
fi_gradi : = 27979.568569883
t1 : = 1.0809336833728E-14
tpunto1 : = 1.0003717389075
tduepunti0 : = -3.1239374286189E+14
v=v_elettrone : = 2951621.4062037
x0= : -8.3433614526506E-13
y0= : -4.5301830848554E-12
*****
i=33203
k(33203)=0.99999236039
kQ(33203)=0.99998472083836
r1= : 4.6066486571517E-12
rpunto1 : = 1171844.0039365
rduepunti0 : = -1.0339254853305E+25
fil : = 488.33566377227
fipunto1 : = 5.8779794456879E+17
fi_gradi : = 27979.572519871
t1 : = 1.080933695105E-14
tpunto1 : = 1.0003717023103
tduepunti0 : = -3.1205246386444E+14
v=v_elettrone : = 2951064.845012
x0= : -8.3404874727148E-13
y0= : -4.5303760375243E-12
*****
i=33204
k(33204)=0.99999237619129
kQ(33204)=0.99998475244071
r1= : 4.6067860894852E-12
rpunto1 : = 1170631.4964621
rduepunti0 : = -1.0338685057919E+25
fil : = 488.33573270844
fipunto1 : = 5.8776287245924E+17
fi_gradi : = 27979.576469622
t1 : = 1.0809337068373E-14
tpunto1 : = 1.0003716657533
tduepunti0 : = -3.1171126221671E+14
v=v_elettrone : = 2950508.7904985
x0= : -8.3376131957499E-13
y0= : -4.5305688287916E-12
```

```
*****
i=33205
k(33205)=0.99999239197536
kQ(33205)=0.99998478400861
r1= : 4.6069233796175E-12
rpunto1 : = 1169419.055738
rduepunti0 : = -1.0338115898218E+25
fil : = 488.3358016405
fipunto1 : = 5.8772783977444E+17
fi_gradi : = 27979.580419139
t1 : = 1.0809337185695E-14
tpunto1 : = 1.0003716292362
tduepunti0 : = -3.1137013782421E+14
v=v_elettrone : = 2949953.2367108
x0= : -8.3347386218808E-13
y0= : -4.530761458665E-12
*****
i=33206
k(33206)=0.99999240774221
kQ(33206)=0.99998481554206
r1= : 4.6070605275563E-12
rpunto1 : = 1168206.6816898
rduepunti0 : = -1.0337547374021E+25
fil : = 488.33587056846
fipunto1 : = 5.8769284650228E+17
fi_gradi : = 27979.584368419
t1 : = 1.0809337303017E-14
tpunto1 : = 1.0003715927591
tduepunti0 : = -3.1102909059253E+14
v=v_elettrone : = 2949398.1879563
x0= : -8.33186375124E-13
y0= : -4.530953927152E-12
*****
i=33207
k(33207)=0.99999242349184
kQ(33207)=0.99998484704108
r1= : 4.6071975333095E-12
rpunto1 : = 1166994.3742428
rduepunti0 : = -1.0336979485144E+25
fil : = 488.33593949231
fipunto1 : = 5.8765789263068E+17
fi_gradi : = 27979.588317465
t1 : = 1.080933742034E-14
tpunto1 : = 1.000371556322
tduepunti0 : = -3.1068812042731E+14
v=v_elettrone : = 2948843.64443
x0= : -8.3289885839546E-13
y0= : -4.5311462342603E-12
*****
i=33208
k(33208)=0.99999243922425
kQ(33208)=0.99998487850566
r1= : 4.6073343968848E-12
rpunto1 : = 1165782.1333225
rduepunti0 : = -1.0336412231406E+25
fil : = 488.33600841206
fipunto1 : = 5.8762297814756E+17
fi_gradi : = 27979.592266276
t1 : = 1.0809337537662E-14
tpunto1 : = 1.0003715199249
tduepunti0 : = -3.1034722723424E+14
v=v_elettrone : = 2948289.6022256
x0= : -8.3261131201518E-13
y0= : -4.5313383799974E-12
```

```
*****
i=33209
k(33209)=0.99999245493945
kQ(33209)=0.99998490993582
r1= : 4.6074711182901E-12
rpunto1 : = 1164569.9588546
rduepunto10 : = -1.0335845612625E+25
fil : = 488.33607732771
fipunto1 : = 5.8758810304085E+17
fi_gradi : = 27979.596214852
t1 : = 1.0809337654984E-14
tpunto1 : = 1.0003714835677
tduepunto10 : = -3.1000641091905E+14
v=v_elettrone : = 2947736.0656409
x0= : -8.3232373599637E-13
y0= : -4.5315303643709E-12
*****
i=33210
k(33210)=0.99999247063744
kQ(33210)=0.99998494133156
r1= : 4.6076076975332E-12
rpunto1 : = 1163357.8507645
rduepunto10 : = -1.033527962862E+25
fil : = 488.33614623928
fipunto1 : = 5.8755326729852E+17
fi_gradi : = 27979.600163194
t1 : = 1.0809337772306E-14
tpunto1 : = 1.0003714472505
tduepunto10 : = -3.0966567138753E+14
v=v_elettrone : = 2947183.0328287
x0= : -8.3203613035172E-13
y0= : -4.5317221873883E-12
*****
i=33211
k(33211)=0.99999248631822
kQ(33211)=0.9999849726929
r1= : 4.6077441346218E-12
rpunto1 : = 1162145.8089779
rduepunto10 : = -1.0334714279209E+25
fil : = 488.33621514676
fipunto1 : = 5.8751847090852E+17
fi_gradi : = 27979.604111302
t1 : = 1.0809337889629E-14
tpunto1 : = 1.0003714109733
tduepunto10 : = -3.0932500854554E+14
v=v_elettrone : = 2946630.5039826
x0= : -8.3174849509418E-13
y0= : -4.5319138490571E-12
*****
i=33212
k(33212)=0.99999250198181
kQ(33212)=0.99998500401983
r1= : 4.6078804295638E-12
rpunto1 : = 1160933.8334203
rduepunto10 : = -1.0334149564212E+25
fil : = 488.33628405015
fipunto1 : = 5.8748371385885E+17
fi_gradi : = 27979.608059176
t1 : = 1.0809338006951E-14
tpunto1 : = 1.000371374736
tduepunto10 : = -3.0898442229896E+14
v=v_elettrone : = 2946078.4813582
x0= : -8.3146083023666E-13
y0= : -4.532105349385E-12
```

```
*****
i=33213
k(33213)=0.99999251762819
kQ(33213)=0.99998503531237
r1= : 4.6080165823668E-12
rpunto1 : = 1159721.9240174
rduepunti0 : = -1.0333585483447E+25
fil : = 488.33635294948
fipunto1 : = 5.874489961375E+17
fi_gradi : = 27979.612006816
t1 : = 1.0809338124273E-14
tpunto1 : = 1.0003713385387
tduepunti0 : = -3.0864391255375E+14
v=v_elettrone : = 2945526.9630915
x0= : -8.3117313579184E-13
y0= : -4.5322966883794E-12
*****
i=33214
k(33214)=0.99999253325739
kQ(33214)=0.99998506657052
r1= : 4.6081525930387E-12
rpunto1 : = 1158510.0806948
rduepunti0 : = -1.0333022036735E+25
fil : = 488.33642184473
fipunto1 : = 5.874143177325E+17
fi_gradi : = 27979.615954223
t1 : = 1.0809338241595E-14
tpunto1 : = 1.0003713023812
tduepunti0 : = -3.083034792159E+14
v=v_elettrone : = 2944975.9473392
x0= : -8.3088541177261E-13
y0= : -4.5324878660478E-12
*****
i=33215
k(33215)=0.99999254886939
kQ(33215)=0.99998509779429
r1= : 4.6082884615871E-12
rpunto1 : = 1157298.3033781
rduepunti0 : = -1.0332459223894E+25
fil : = 488.33649073591
fipunto1 : = 5.8737967863186E+17
fi_gradi : = 27979.619901397
t1 : = 1.0809338358918E-14
tpunto1 : = 1.0003712662637
tduepunti0 : = -3.0796312219147E+14
v=v_elettrone : = 2944425.4383984
x0= : -8.3059765819213E-13
y0= : -4.5326788823978E-12
*****
i=33216
k(33216)=0.9999925644642
kQ(33216)=0.99998512898369
r1= : 4.6084241880199E-12
rpunto1 : = 1156086.591993
rduepunti0 : = -1.0331897044745E+25
fil : = 488.33655962303
fipunto1 : = 5.8734507882364E+17
fi_gradi : = 27979.623848338
t1 : = 1.080933847624E-14
tpunto1 : = 1.0003712301861
tduepunti0 : = -3.0762284138656E+14
v=v_elettrone : = 2943875.4344119
x0= : -8.3030987506304E-13
y0= : -4.5328697374367E-12
```



```
*****
i=33217
k(33217)=0.99999258004184
kQ(33217)=0.99998516013873
r1= : 4.6085597723448E-12
rpunto1 : = 1154874.9464653
rduepunti0 : = -1.0331335499107E+25
fil : = 488.3366285061
fipunto1 : = 5.8731051829591E+17
fi_gradi : = 27979.627795047
t1 : = 1.0809338593562E-14
tpunto1 : = 1.0003711941484
tduepunti0 : = -3.0728263670732E+14
v=v_elettrone : = 2943325.9355819
x0= : -8.300220623982E-13
y0= : -4.5330604311722E-12
*****
i=33218
k(33218)=0.99999259560229
kQ(33218)=0.9999851912594
r1= : 4.6086952145695E-12
rpunto1 : = 1153663.3667207
rduepunti0 : = -1.0330774586802E+25
fil : = 488.33669738511
fipunto1 : = 5.8727599703673E+17
fi_gradi : = 27979.631741524
t1 : = 1.0809338710884E-14
tpunto1 : = 1.0003711581506
tduepunti0 : = -3.0694250805997E+14
v=v_elettrone : = 2942776.9421047
x0= : -8.2973422021049E-13
y0= : -4.5332509636117E-12
*****
i=33219
k(33219)=0.99999261114557
kQ(33219)=0.99998522234573
r1= : 4.6088305147017E-12
rpunto1 : = 1152451.8526848
rduepunti0 : = -1.0330214307649E+25
fil : = 488.33676626007
fipunto1 : = 5.8724151503419E+17
fi_gradi : = 27979.635687768
t1 : = 1.0809338828207E-14
tpunto1 : = 1.0003711221927
tduepunti0 : = -3.0660245535076E+14
v=v_elettrone : = 2942228.4562316
x0= : -8.2944634851276E-13
y0= : -4.5334413347627E-12
*****
i=33220
k(33220)=0.99999262667167
kQ(33220)=0.99998525339771
r1= : 4.6089656727491E-12
rpunto1 : = 1151240.4042836
rduepunti0 : = -1.032965466147E+25
fil : = 488.33683513098
fipunto1 : = 5.8720707227641E+17
fi_gradi : = 27979.639633781
t1 : = 1.0809338945529E-14
tpunto1 : = 1.0003710862746
tduepunti0 : = -3.06262478486E+14
v=v_elettrone : = 2941680.4740494
x0= : -8.291584473176E-13
y0= : -4.5336315446326E-12
```

```
*****
i=33221
k(33221)=0.99999264218061
kQ(33221)=0.99998528441535
r1= : 4.6091006887194E-12
rpunto1 : = 1150029.0214427
rduepunti0 : = -1.0329095648085E+25
fil : = 488.33690399786
fipunto1 : = 5.8717266875151E+17
fi_gradi : = 27979.643579563
t1 : = 1.0809339062851E-14
tpunto1 : = 1.0003710503964
tduepunti0 : = -3.0592257737205E+14
v=v_elettrone : = 2941132.9978161
x0= : -8.2887051663811E-13
y0= : -4.5338215932288E-12
*****
i=33222
k(33222)=0.99999265767238
kQ(33222)=0.99998531539866
r1= : 4.6092355626204E-12
rpunto1 : = 1148817.7040879
rduepunti0 : = -1.0328537267316E+25
fil : = 488.33697286071
fipunto1 : = 5.8713830444763E+17
fi_gradi : = 27979.647525113
t1 : = 1.0809339180173E-14
tpunto1 : = 1.0003710145581
tduepunti0 : = -3.0558275191532E+14
v=v_elettrone : = 2940586.0277261
x0= : -8.285825564871E-13
y0= : -4.5340114805588E-12
*****
i=33223
k(33223)=0.99999267314699
kQ(33223)=0.99998534634766
r1= : 4.6093702944596E-12
rpunto1 : = 1147606.4521452
rduepunti0 : = -1.0327979518984E+25
fil : = 488.33704171952
fipunto1 : = 5.8710397935291E+17
fi_gradi : = 27979.651470432
t1 : = 1.0809339297495E-14
tpunto1 : = 1.0003709787596
tduepunti0 : = -3.0524300202228E+14
v=v_elettrone : = 2940039.5639734
x0= : -8.282945668774E-13
y0= : -4.5342012066301E-12
*****
i=33224
k(33224)=0.99999268860444
kQ(33224)=0.99998537726233
r1= : 4.6095048842448E-12
rpunto1 : = 1146395.2655403
rduepunti0 : = -1.0327422402911E+25
fil : = 488.33711057431
fipunto1 : = 5.8706969345553E+17
fi_gradi : = 27979.655415521
t1 : = 1.0809339414818E-14
tpunto1 : = 1.0003709430009
tduepunti0 : = -3.0490332759945E+14
v=v_elettrone : = 2939493.6067619
x0= : -8.2800654782182E-13
y0= : -4.53439077145E-12
```

```
*****
i=33225
k(33225)=0.99999270404474
kQ(33225)=0.9999854081427
r1= : 4.6096393319835E-12
rpunto1 : = 1145184.1441991
rduepunti0 : = -1.0326865918919E+25
fil : = 488.33717942507
fipunto1 : = 5.8703544674367E+17
fi_gradi : = 27979.65936038
t1 : = 1.080933953214E-14
tpunto1 : = 1.0003709072821
tduepunti0 : = -3.0456372855338E+14
v=v_elettrone : = 2938948.1542301
x0= : -8.2771849933314E-13
y0= : -4.5345801750259E-12
*****
i=33226
k(33226)=0.99999271946788
kQ(33226)=0.99998543898877
r1= : 4.6097736376836E-12
rpunto1 : = 1143973.0880475
rduepunti0 : = -1.032631006683E+25
fil : = 488.33724827182
fipunto1 : = 5.8700123920553E+17
fi_gradi : = 27979.663305008
t1 : = 1.0809339649462E-14
tpunto1 : = 1.000370871603
tduepunti0 : = -3.042242047907E+14
v=v_elettrone : = 2938403.2106794
x0= : -8.2743042142442E-13
y0= : -4.5347694173652E-12
*****
i=33227
k(33227)=0.99999273487388
kQ(33227)=0.99998546980055
r1= : 4.6099078013526E-12
rpunto1 : = 1142762.0970115
rduepunti0 : = -1.0325754846466E+25
fil : = 488.33731711456
fipunto1 : = 5.8696707082932E+17
fi_gradi : = 27979.667249406
t1 : = 1.0809339766784E-14
tpunto1 : = 1.0003708359638
tduepunti0 : = -3.0388475621806E+14
v=v_elettrone : = 2937858.7722134
x0= : -8.2714231410817E-13
y0= : -4.5349584984754E-12
*****
i=33228
k(33228)=0.99999275026274
kQ(33228)=0.99998550057804
r1= : 4.6100418229981E-12
rpunto1 : = 1141551.1710169
rduepunti0 : = -1.0325200257651E+25
fil : = 488.33738595329
fipunto1 : = 5.8693294160327E+17
fi_gradi : = 27979.671193575
t1 : = 1.0809339884106E-14
tpunto1 : = 1.0003708003644
tduepunti0 : = -3.035453827422E+14
v=v_elettrone : = 2937314.8410648
x0= : -8.2685417739741E-13
y0= : -4.5351474183638E-12
```

```
*****
i=33229
k(33229)=0.99999276563446
kQ(33229)=0.99998553132125
r1= : 4.6101757026278E-12
rpunto1 : = 1140340.3099897
rduepunti0 : = -1.0324646300206E+25
fil : = 488.33745478802
fipunto1 : = 5.8689885151563E+17
fi_gradi : = 27979.675137514
t1 : = 1.0809340001428E-14
tpunto1 : = 1.0003707648048
tduepunti0 : = -3.0320608426988E+14
v=v_elettrone : = 2936771.4174433
x0= : -8.265660113049E-13
y0= : -4.5353361770377E-12
*****
i=33230
k(33230)=0.99999278098904
kQ(33230)=0.99998556203019
r1= : 4.6103094402493E-12
rpunto1 : = 1139129.5138558
rduepunti0 : = -1.0324092973955E+25
fil : = 488.33752361875
fipunto1 : = 5.8686480055466E+17
fi_gradi : = 27979.679081225
t1 : = 1.0809340118751E-14
tpunto1 : = 1.000370729285
tduepunti0 : = -3.0286686070792E+14
v=v_elettrone : = 2936228.501555
x0= : -8.2627781584339E-13
y0= : -4.5355247745046E-12
*****
i=33231
k(33231)=0.99999279632648
kQ(33231)=0.99998559270486
r1= : 4.6104430358702E-12
rpunto1 : = 1137918.7825414
rduepunti0 : = -1.0323540278721E+25
fil : = 488.33759244549
fipunto1 : = 5.8683078870863E+17
fi_gradi : = 27979.683024706
t1 : = 1.0809340236073E-14
tpunto1 : = 1.0003706938049
tduepunti0 : = -3.0252771196319E+14
v=v_elettrone : = 2935686.0935762
x0= : -8.2598959102561E-13
y0= : -4.5357132107717E-12
*****
i=33232
k(33232)=0.9999928116468
kQ(33232)=0.99998562334527
r1= : 4.6105764894982E-12
rpunto1 : = 1136708.1159723
rduepunti0 : = -1.0322988214328E+25
fil : = 488.33766126824
fipunto1 : = 5.8679681596582E+17
fi_gradi : = 27979.686967959
t1 : = 1.0809340353395E-14
tpunto1 : = 1.0003706583646
tduepunti0 : = -3.0218863794261E+14
v=v_elettrone : = 2935144.1916516
x0= : -8.2570133686428E-13
y0= : -4.5359014858465E-12
```

```
*****
i=33233
k(33233)=0.99999282694999
kQ(33233)=0.99998565395144
r1= : 4.6107098011407E-12
rpunto1 : = 1135497.5140747
rduepunti0 : = -1.0322436780599E+25
fil : = 488.337730087
fipunto1 : = 5.8676288231455E+17
fi_gradi : = 27979.690910984
t1 : = 1.0809340470717E-14
tpunto1 : = 1.0003706229641
tduepunti0 : = -3.0184963855316E+14
v=v_elettrone : = 2934602.7980506
x0= : -8.2541305337239E-13
y0= : -4.5360895997363E-12
*****
i=33234
k(33234)=0.99999284223606
kQ(33234)=0.99998568452336
r1= : 4.6108429708054E-12
rpunto1 : = 1134286.9767746
rduepunti0 : = -1.0321885977359E+25
fil : = 488.33779890178
fipunto1 : = 5.8672898774314E+17
fi_gradi : = 27979.694853781
t1 : = 1.0809340588039E-14
tpunto1 : = 1.0003705876033
tduepunti0 : = -3.0151071370185E+14
v=v_elettrone : = 2934061.9108993
x0= : -8.2512474056264E-13
y0= : -4.5362775524483E-12
*****
i=33235
k(33235)=0.99999285750501
kQ(33235)=0.99998571506104
r1= : 4.6109759984999E-12
rpunto1 : = 1133076.503998
rduepunti0 : = -1.0321335804431E+25
fil : = 488.33786771259
fipunto1 : = 5.8669513223991E+17
fi_gradi : = 27979.69879635
t1 : = 1.0809340705361E-14
tpunto1 : = 1.0003705522823
tduepunti0 : = -3.0117186329576E+14
v=v_elettrone : = 2933521.5324521
x0= : -8.2483639844797E-13
y0= : -4.5364653439899E-12
*****
i=33236
k(33236)=0.99999287275685
kQ(33236)=0.9999857455645
r1= : 4.6111088842318E-12
rpunto1 : = 1131866.0956711
rduepunti0 : = -1.032078626164E+25
fil : = 488.33793651943
fipunto1 : = 5.8666131579322E+17
fi_gradi : = 27979.702738691
t1 : = 1.0809340822684E-14
tpunto1 : = 1.000370517001
tduepunti0 : = -3.0083308724201E+14
v=v_elettrone : = 2932981.6629156
x0= : -8.2454802704108E-13
y0= : -4.5366529743683E-12
```

```
*****
i=33237
k(33237)=0.99999288799157
kQ(33237)=0.99998577603373
r1= : 4.6112416280085E-12
rpunto1 : = 1130655.7517199
rduepunti0 : = -1.0320237348811E+25
fil : = 488.3380053223
fipunto1 : = 5.8662753839144E+17
fi_gradi : = 27979.706680805
t1 : = 1.0809340940006E-14
tpunto1 : = 1.0003704817594
tduepunti0 : = -3.0049438544777E+14
v=v_elettrone : = 2932442.3004172
x0= : -8.2425962635465E-13
y0= : -4.536840443591E-12
*****
i=33238
k(33238)=0.99999290320919
kQ(33238)=0.99998580646874
r1= : 4.6113742298377E-12
rpunto1 : = 1129445.4720707
rduepunti0 : = -1.0319689065768E+25
fil : = 488.33807412122
fipunto1 : = 5.8659380002295E+17
fi_gradi : = 27979.710622692
t1 : = 1.0809341057328E-14
tpunto1 : = 1.0003704465575
tduepunti0 : = -3.0015575782027E+14
v=v_elettrone : = 2931903.4472202
x0= : -8.2397119640159E-13
y0= : -4.5370277516651E-12
*****
i=33239
k(33239)=0.9999929184097
kQ(33239)=0.99998583686955
r1= : 4.6115066897268E-12
rpunto1 : = 1128235.2566496
rduepunti0 : = -1.0319141412337E+25
fil : = 488.33814291617
fipunto1 : = 5.8656010067614E+17
fi_gradi : = 27979.714564353
t1 : = 1.080934117465E-14
tpunto1 : = 1.0003704113953
tduepunti0 : = -2.9981720426678E+14
v=v_elettrone : = 2931365.1014567
x0= : -8.2368273719456E-13
y0= : -4.5372148985979E-12
*****
i=33240
k(33240)=0.99999293359311
kQ(33240)=0.99998586723616
r1= : 4.6116390076835E-12
rpunto1 : = 1127025.1053827
rduepunti0 : = -1.0318594388343E+25
fil : = 488.33821170717
fipunto1 : = 5.8652644033941E+17
fi_gradi : = 27979.718505787
t1 : = 1.0809341291972E-14
tpunto1 : = 1.0003703762729
tduepunti0 : = -2.9947872469463E+14
v=v_elettrone : = 2930827.2653825
x0= : -8.2339424874647E-13
y0= : -4.5374018843967E-12
```

```
*****
i=33241
k(33241)=0.99999294875943
kQ(33241)=0.99998589756857
r1= : 4.6117711837152E-12
rpunto1 : = 1125815.0181963
rduepunti0 : = -1.0318047993611E+25
fil : = 488.33828049423
fipunto1 : = 5.8649281900121E+17
fi_gradi : = 27979.722446995
t1 : = 1.0809341409294E-14
tpunto1 : = 1.0003703411901
tduepunti0 : = -2.9914031901118E+14
v=v_elettrone : = 2930289.9392105
x0= : -8.2310573106996E-13
y0= : -4.5375887090687E-12
*****
i=33242
k(33242)=0.99999296390865
kQ(33242)=0.9999859278668
r1= : 4.6119032178295E-12
rpunto1 : = 1124604.9950165
rduepunti0 : = -1.0317502227967E+25
fil : = 488.33834927734
fipunto1 : = 5.8645923664996E+17
fi_gradi : = 27979.726387977
t1 : = 1.0809341526616E-14
tpunto1 : = 1.000370306147
tduepunti0 : = -2.9880198712385E+14
v=v_elettrone : = 2929753.1210532
x0= : -8.2281718417764E-13
y0= : -4.5377753726212E-12
*****
i=33243
k(33243)=0.99999297904077
kQ(33243)=0.99998595813084
r1= : 4.6120351100338E-12
rpunto1 : = 1123395.0357697
rduepunti0 : = -1.0316957091238E+25
fil : = 488.33841805651
fipunto1 : = 5.8642569327413E+17
fi_gradi : = 27979.730328733
t1 : = 1.0809341643939E-14
tpunto1 : = 1.0003702711435
tduepunti0 : = -2.9846372894013E+14
v=v_elettrone : = 2929216.8111201
x0= : -8.225286080824E-13
y0= : -4.5379618750615E-12
*****
i=33244
k(33244)=0.99999299415582
kQ(33244)=0.99998598836071
r1= : 4.6121668603357E-12
rpunto1 : = 1122185.1403821
rduepunti0 : = -1.0316412583248E+25
fil : = 488.33848683175
fipunto1 : = 5.8639218886218E+17
fi_gradi : = 27979.734269264
t1 : = 1.0809341761261E-14
tpunto1 : = 1.0003702361798
tduepunti0 : = -2.9812554436754E+14
v=v_elettrone : = 2928681.0096074
x0= : -8.2224000279709E-13
y0= : -4.5381482163967E-12
```

```
*****
i=33245
k(33245)=0.99999300925377
kQ(33245)=0.99998601855642
r1= : 4.6122984687426E-12
rpunto1 : = 1120975.3087799
rduepunti0 : = -1.0315868703826E+25
fil : = 488.33855560306
fipunto1 : = 5.863587234026E+17
fi_gradi : = 27979.73820957
t1 : = 1.0809341878583E-14
tpunto1 : = 1.0003702012556
tduepunti0 : = -2.9778743331363E+14
v=v_elettrone : = 2928145.7208312
x0= : -8.2195136833458E-13
y0= : -4.538334396634E-12
*****
i=33246
k(33246)=0.99999302433465
kQ(33246)=0.99998604871797
r1= : 4.6124299352621E-12
rpunto1 : = 1119765.5408895
rduepunti0 : = -1.0315325452797E+25
fil : = 488.33862437045
fipunto1 : = 5.8632529688389E+17
fi_gradi : = 27979.742149651
t1 : = 1.0809341995905E-14
tpunto1 : = 1.0003701663712
tduepunti0 : = -2.9744939568605E+14
v=v_elettrone : = 2927610.9388057
x0= : -8.2166270470719E-13
y0= : -4.5385204157808E-12
*****
i=33247
k(33247)=0.99999303939846
kQ(33247)=0.99998607884536
r1= : 4.6125612599016E-12
rpunto1 : = 1118555.8366372
rduepunti0 : = -1.0314782829988E+25
fil : = 488.33869313391
fipunto1 : = 5.8629190929457E+17
fi_gradi : = 27979.746089507
t1 : = 1.0809342113227E-14
tpunto1 : = 1.0003701315263
tduepunti0 : = -2.9711143139245E+14
v=v_elettrone : = 2927076.6678512
x0= : -8.2137401192802E-13
y0= : -4.538706273844E-12
*****
i=33248
k(33248)=0.99999305444518
kQ(33248)=0.99998610893861
r1= : 4.6126924426685E-12
rpunto1 : = 1117346.1959493
rduepunti0 : = -1.0314240835227E+25
fil : = 488.33876189346
fipunto1 : = 5.8625856062316E+17
fi_gradi : = 27979.750029139
t1 : = 1.0809342230549E-14
tpunto1 : = 1.0003700967211
tduepunti0 : = -2.9677354034057E+14
v=v_elettrone : = 2926542.9060933
x0= : -8.2108529000963E-13
y0= : -4.5388919708311E-12
```



```
*****
i=33249
k(33249)=0.99999306947484
kQ(33249)=0.99998613899772
r1= : 4.6128234835704E-12
rpunto1 : = 1116136.6187523
rduepunti0 : = -1.031369946834E+25
fil : = 488.3388306491
fipunto1 : = 5.8622525085822E+17
fi_gradi : = 27979.753968547
t1 : = 1.0809342347871E-14
tpunto1 : = 1.0003700619555
tduepunti0 : = -2.9643572243816E+14
v=v_elettrone : = 2926009.6537434
x0= : -8.2079653896484E-13
y0= : -4.539077506749E-12
*****
i=33250
k(33250)=0.99999308448744
kQ(33250)=0.9999861690227
r1= : 4.6129543826146E-12
rpunto1 : = 1114927.1049724
rduepunti0 : = -1.0313158729156E+25
fil : = 488.33889940083
fipunto1 : = 5.861919799883E+17
fi_gradi : = 27979.757907731
t1 : = 1.0809342465193E-14
tpunto1 : = 1.0003700272295
tduepunti0 : = -2.9609797759305E+14
v=v_elettrone : = 2925476.9130505
x0= : -8.2050775880645E-13
y0= : -4.539262881605E-12
*****
i=33251
k(33251)=0.99999309948297
kQ(33251)=0.99998619901356
r1= : 4.6130851398086E-12
rpunto1 : = 1113717.6545361
rduepunti0 : = -1.0312618617501E+25
fil : = 488.33896814866
fipunto1 : = 5.8615874800199E+17
fi_gradi : = 27979.761846692
t1 : = 1.0809342582515E-14
tpunto1 : = 1.0003699925431
tduepunti0 : = -2.957603057131E+14
v=v_elettrone : = 2924944.6821453
x0= : -8.2021894954701E-13
y0= : -4.5394480954062E-12
*****
i=33252
k(33252)=0.99999311446144
kQ(33252)=0.99998622897029
r1= : 4.6132157551599E-12
rpunto1 : = 1112508.2673698
rduepunti0 : = -1.0312079133205E+25
fil : = 488.33903689259
fipunto1 : = 5.8612555488786E+17
fi_gradi : = 27979.765785429
t1 : = 1.0809342699838E-14
tpunto1 : = 1.0003699578964
tduepunti0 : = -2.9542270670624E+14
v=v_elettrone : = 2924412.961237
x0= : -8.1993011119929E-13
y0= : -4.5396331481599E-12
```

```
*****
i=33253
k(33253)=0.99999312942286
kQ(33253)=0.99998625889292
r1= : 4.6133462286758E-12
rpunto1 : = 1111298.9434
rduepunti0 : = -1.0311540276094E+25
fil : = 488.33910563263
fipunto1 : = 5.8609240063452E+17
fi_gradi : = 27979.769723943
t1 : = 1.080934281716E-14
tpunto1 : = 1.0003699232892
tduepunti0 : = -2.9508518048043E+14
v=v_elettrone : = 2923881.750506
x0= : -8.1964124377608E-13
y0= : -4.539818039873E-12
*****
i=33254
k(33254)=0.99999314436722
kQ(33254)=0.99998628878144
r1= : 4.6134765603638E-12
rpunto1 : = 1110089.6825531
rduepunti0 : = -1.0311002045999E+25
fil : = 488.33917436878
fipunto1 : = 5.860592852306E+17
fi_gradi : = 27979.773662234
t1 : = 1.0809342934482E-14
tpunto1 : = 1.0003698887215
tduepunti0 : = -2.9474772694368E+14
v=v_elettrone : = 2923351.0522208
x0= : -8.1935234729015E-13
y0= : -4.5400027705528E-12
*****
i=33255
k(33255)=0.99999315929454
kQ(33255)=0.99998631863587
r1= : 4.6136067502312E-12
rpunto1 : = 1108880.4847556
rduepunti0 : = -1.0310464442746E+25
fil : = 488.33924310105
fipunto1 : = 5.8602620866474E+17
fi_gradi : = 27979.777600303
t1 : = 1.0809343051804E-14
tpunto1 : = 1.0003698541935
tduepunti0 : = -2.9441034600406E+14
v=v_elettrone : = 2922820.8645197
x0= : -8.1906342175398E-13
y0= : -4.5401873402064E-12
*****
i=33256
k(33256)=0.99999317420481
kQ(33256)=0.99998634845621
r1= : 4.6137367982856E-12
rpunto1 : = 1107671.349934
rduepunti0 : = -1.0309927466166E+25
fil : = 488.33931182944
fipunto1 : = 5.8599317092557E+17
fi_gradi : = 27979.78153815
t1 : = 1.0809343169126E-14
tpunto1 : = 1.000369819705
tduepunti0 : = -2.9407303756969E+14
v=v_elettrone : = 2922291.1855137
x0= : -8.1877446718033E-13
y0= : -4.5403717488409E-12
```

```
*****
i=33257
k(33257)=0.99999318909804
kQ(33257)=0.99998637824246
r1= : 4.6138667045341E-12
rpunto1 : = 1106462.2780149
rduepunti0 : = -1.0309391116087E+25
fil : = 488.33938055395
fipunto1 : = 5.8596017200177E+17
fi_gradi : = 27979.785475774
t1 : = 1.0809343286448E-14
tpunto1 : = 1.000369785256
tduepunti0 : = -2.9373580154871E+14
v=v_elettrone : = 2921762.0195459
x0= : -8.1848548358219E-13
y0= : -4.5405559964634E-12
*****
i=33258
k(33258)=0.99999320397423
kQ(33258)=0.99998640799464
r1= : 4.6139964689843E-12
rpunto1 : = 1105253.2689247
rduepunti0 : = -1.0308855392339E+25
fil : = 488.33944927459
fipunto1 : = 5.8592721188202E+17
fi_gradi : = 27979.789413177
t1 : = 1.080934340377E-14
tpunto1 : = 1.0003697508466
tduepunti0 : = -2.9339863784936E+14
v=v_elettrone : = 2921233.3647471
x0= : -8.1819647097204E-13
y0= : -4.5407400830809E-12
*****
i=33259
k(33259)=0.99999321883338
kQ(33259)=0.99998643771275
r1= : 4.6141260916435E-12
rpunto1 : = 1104044.3225901
rduepunti0 : = -1.0308320294751E+25
fil : = 488.33951799137
fipunto1 : = 5.8589429055501E+17
fi_gradi : = 27979.793350358
t1 : = 1.0809343521092E-14
tpunto1 : = 1.0003697164767
tduepunti0 : = -2.9306154637988E+14
v=v_elettrone : = 2920705.2213024
x0= : -8.1790742936259E-13
y0= : -4.5409240087006E-12
*****
i=33260
k(33260)=0.9999932336755
kQ(33260)=0.99998646739679
r1= : 4.614255572519E-12
rpunto1 : = 1102835.4389377
rduepunti0 : = -1.0307785823153E+25
fil : = 488.33958670429
fipunto1 : = 5.8586140800945E+17
fi_gradi : = 27979.797287319
t1 : = 1.0809343638414E-14
tpunto1 : = 1.0003696821464
tduepunti0 : = -2.9272452704858E+14
v=v_elettrone : = 2920177.5894139
x0= : -8.1761835876655E-13
y0= : -4.5411077733294E-12
```

```
*****
i=33261
k(33261)=0.9999932485006
kQ(33261)=0.99998649704678
r1= : 4.6143849116183E-12
rpunto1 : = 1101626.6178939
rduepunti0 : = -1.0307251977374E+25
fil : = 488.33965541335
fipunto1 : = 5.8582856423407E+17
fi_gradi : = 27979.801224058
t1 : = 1.0809343755736E-14
tpunto1 : = 1.0003696478555
tduepunti0 : = -2.9238757976382E+14
v=v_elettrone : = 2919650.4713422
x0= : -8.1732925919662E-13
y0= : -4.5412913769746E-12
*****
i=33262
k(33262)=0.99999326330867
kQ(33262)=0.99998652666272
r1= : 4.6145141089485E-12
rpunto1 : = 1100417.8593855
rduepunti0 : = -1.0306718757246E+25
fil : = 488.33972411856
fipunto1 : = 5.857957592176E+17
fi_gradi : = 27979.805160576
t1 : = 1.0809343873058E-14
tpunto1 : = 1.0003696136042
tduepunti0 : = -2.9205070443401E+14
v=v_elettrone : = 2919123.8631581
x0= : -8.1704013066523E-13
y0= : -4.5414748196432E-12
*****
i=33263
k(33263)=0.99999327809972
kQ(33263)=0.99998655624462
r1= : 4.6146431645172E-12
rpunto1 : = 1099209.1633391
rduepunti0 : = -1.0306186162598E+25
fil : = 488.33979281992
fipunto1 : = 5.8576299294881E+17
fi_gradi : = 27979.809096874
t1 : = 1.080934399038E-14
tpunto1 : = 1.0003695793924
tduepunti0 : = -2.9171390096759E+14
v=v_elettrone : = 2918597.7671071
x0= : -8.1675097318531E-13
y0= : -4.5416581013421E-12
*****
i=33264
k(33264)=0.99999329287375
kQ(33264)=0.99998658579249
r1= : 4.6147720783316E-12
rpunto1 : = 1098000.5296814
rduepunti0 : = -1.0305654193262E+25
fil : = 488.33986151744
fipunto1 : = 5.8573026541645E+17
fi_gradi : = 27979.813032952
t1 : = 1.0809344107702E-14
tpunto1 : = 1.0003695452201
tduepunti0 : = -2.9137716927307E+14
v=v_elettrone : = 2918072.1833975
x0= : -8.1646178676955E-13
y0= : -4.5418412220784E-12
```

```
*****
i=33265
k(33265)=0.99999330763077
kQ(33265)=0.99998661530633
r1= : 4.614900850399E-12
rpunto1: = 1096791.9583391
rduepunti0 : = -1.0305122849067E+25
fil : = 488.33993021112
fipunto1 : = 5.8569757660932E+17
fi_gradi : = 27979.81696881
t1 : = 1.0809344225024E-14
tpunto1 : = 1.0003695110872
tduepunti0 : = -2.91040509259E+14
v=v_elettrone : = 2917547.1122184
x0= : -8.1617257143059E-13
y0= : -4.5420241818591E-12
*****
i=33266
k(33266)=0.99999332237078
kQ(33266)=0.99998664478614
r1= : 4.6150294807267E-12
rpunto1: = 1095583.4492388
rduepunti0 : = -1.0304592129846E+25
fil : = 488.33999890096
fipunto1 : = 5.8566492651621E+17
fi_gradi : = 27979.820904448
t1 : = 1.0809344342346E-14
tpunto1 : = 1.0003694769938
tduepunti0 : = -2.9070392083397E+14
v=v_elettrone : = 2917022.5537792
x0= : -8.1588332718109E-13
y0= : -4.5422069806913E-12
*****
i=33267
k(33267)=0.99999333709378
kQ(33267)=0.99998667423194
r1= : 4.6151579693221E-12
rpunto1: = 1094375.0023072
rduepunti0 : = -1.0304062035429E+25
fil : = 488.34006758698
fipunto1 : = 5.8563231512593E+17
fi_gradi : = 27979.824839867
t1 : = 1.0809344459668E-14
tpunto1 : = 1.0003694429399
tduepunti0 : = -2.9036740390664E+14
v=v_elettrone : = 2916498.5061783
x0= : -8.1559405403369E-13
y0= : -4.542389618582E-12
*****
i=33268
k(33268)=0.99999335179977
kQ(33268)=0.99998670364374
r1= : 4.6152863161924E-12
rpunto1: = 1093166.6174712
rduepunti0 : = -1.0303532565647E+25
fil : = 488.34013626917
fipunto1 : = 5.8559974242732E+17
fi_gradi : = 27979.828775067
t1 : = 1.080934457699E-14
tpunto1 : = 1.0003694089255
tduepunti0 : = -2.900309583857E+14
v=v_elettrone : = 2915974.973778
x0= : -8.1530475200128E-13
y0= : -4.5425720955381E-12
```

```
*****
i=33269
k(33269)=0.99999336648876
kQ(33269)=0.99998673302153
r1= : 4.6154145213449E-12
rpunto1: = 1091958.2946575
rduepunti0 : = -1.0303003720334E+25
fil : = 488.34020494754
fipunto1 : = 5.8556720840922E+17
fi_gradi : = 27979.832710048
t1 : = 1.0809344694312E-14
tpunto1 : = 1.0003693749505
tduepunti0 : = -2.8969458417988E+14
v=v_elettrone : = 2915451.9526208
x0= : -8.1501542109622E-13
y0= : -4.5427544115666E-12
*****
i=33270
k(33270)=0.99999338116076
kQ(33270)=0.99998676236533
r1= : 4.6155425847868E-12
rpunto1: = 1090750.0337929
rduepunti0 : = -1.030247549932E+25
fil : = 488.3402736221
fipunto1 : = 5.8553471306049E+17
fi_gradi : = 27979.83664481
t1 : = 1.0809344811634E-14
tpunto1 : = 1.0003693410149
tduepunti0 : = -2.8935828119798E+14
v=v_elettrone : = 2914929.4449689
x0= : -8.1472606133139E-13
y0= : -4.5429365666745E-12
*****
i=33271
k(33271)=0.99999339581576
kQ(33271)=0.99998679167514
r1= : 4.6156705065255E-12
rpunto1: = 1089541.8348041
rduepunti0 : = -1.0301947902438E+25
fil : = 488.34034229285
fipunto1 : = 5.8550225636999E+17
fi_gradi : = 27979.840579354
t1 : = 1.0809344928956E-14
tpunto1 : = 1.0003693071188
tduepunti0 : = -2.8902204934884E+14
v=v_elettrone : = 2914407.4510282
x0= : -8.1443667271938E-13
y0= : -4.5431185608688E-12
*****
i=33272
k(33272)=0.99999341045377
kQ(33272)=0.99998682095097
r1= : 4.6157982865683E-12
rpunto1: = 1088333.697618
rduepunti0 : = -1.0301420929521E+25
fil : = 488.34041095979
fipunto1 : = 5.8546983832662E+17
fi_gradi : = 27979.84451368
t1 : = 1.0809345046278E-14
tpunto1 : = 1.0003692732621
tduepunti0 : = -2.8868588854134E+14
v=v_elettrone : = 2913885.9709904
x0= : -8.141472552728E-13
y0= : -4.5433003941564E-12
```

```
*****
i=33273
k(33273)=0.9999934250748
kQ(33273)=0.99998685019283
r1= : 4.6159259249222E-12
rpunto1 : = 1087125.6221615
rduepunti0 : = -1.03008945804E+25
fil : = 488.34047962292
fipunto1 : = 5.8543745891928E+17
fi_gradi : = 27979.848447788
t1 : = 1.08093451636E-14
tpunto1 : = 1.0003692394448
tduepunti0 : = -2.8834979868441E+14
v=v_elettrone : = 2913365.0029626
x0= : -8.1385780900421E-13
y0= : -4.5434820665443E-12
*****
i=33274
k(33274)=0.99999343967884
kQ(33274)=0.99998687940072
r1= : 4.6160534215947E-12
rpunto1 : = 1085917.6083614
rduepunti0 : = -1.0300368854909E+25
fil : = 488.34054828226
fipunto1 : = 5.8540511813689E+17
fi_gradi : = 27979.852381678
t1 : = 1.0809345280922E-14
tpunto1 : = 1.0003692056669
tduepunti0 : = -2.8801377968704E+14
v=v_elettrone : = 2912844.551316
x0= : -8.1356833392647E-13
y0= : -4.5436635780393E-12
*****
i=33275
k(33275)=0.9999934542659
kQ(33275)=0.99998690857465
r1= : 4.6161807765929E-12
rpunto1 : = 1084709.6561445
rduepunti0 : = -1.0299843752881E+25
fil : = 488.34061693781
fipunto1 : = 5.8537281596837E+17
fi_gradi : = 27979.856315352
t1 : = 1.0809345398244E-14
tpunto1 : = 1.0003691719284
tduepunti0 : = -2.8767783145825E+14
v=v_elettrone : = 2912324.6120713
x0= : -8.1327883005186E-13
y0= : -4.5438449286486E-12
*****
i=33276
k(33276)=0.99999346883598
kQ(33276)=0.99998693771462
r1= : 4.616307989924E-12
rpunto1 : = 1083501.7654378
rduepunti0 : = -1.0299319274149E+25
fil : = 488.34068558957
fipunto1 : = 5.8534055240268E+17
fi_gradi : = 27979.860248808
t1 : = 1.0809345515566E-14
tpunto1 : = 1.0003691382293
tduepunti0 : = -2.8734195390711E+14
v=v_elettrone : = 2911805.1854407
x0= : -8.1298929739321E-13
y0= : -4.5440261183789E-12
```

```
*****
i=33277
k(33277)=0.99999348338909
kQ(33277)=0.99998696682065
r1= : 4.6164350615952E-12
rpunto1: = 1082293.9361682
rduepunti0 : = -1.0298795418547E+25
fil : = 488.34075423755
fipunto1 : = 5.8530832742877E+17
fi_gradi : = 27979.864182047
t1 : = 1.0809345632888E-14
tpunto1 : = 1.0003691045696
tduepunti0 : = -2.8700614694276E+14
v=v_elettrone : = 2911286.2736821
x0= : -8.1269973596332E-13
y0= : -4.5442071472371E-12
*****
i=33278
k(33278)=0.99999349792523
kQ(33278)=0.99998699589274
r1= : 4.6165619916139E-12
rpunto1: = 1081086.1682627
rduepunti0 : = -1.0298272185908E+25
fil : = 488.34082288174
fipunto1 : = 5.8527614103563E+17
fi_gradi : = 27979.86811507
t1 : = 1.080934575021E-14
tpunto1 : = 1.0003690709493
tduepunti0 : = -2.8667041047437E+14
v=v_elettrone : = 2910767.8769995
x0= : -8.1241014577473E-13
y0= : -4.5443880152302E-12
*****
i=33279
k(33279)=0.9999935124444
kQ(33279)=0.9999870249309
r1= : 4.6166887799871E-12
rpunto1: = 1079878.4616482
rduepunti0 : = -1.0297749576066E+25
fil : = 488.34089152216
fipunto1 : = 5.8524399321224E+17
fi_gradi : = 27979.872047876
t1 : = 1.0809345867532E-14
tpunto1 : = 1.0003690373683
tduepunti0 : = -2.8633474441114E+14
v=v_elettrone : = 2910249.9934971
x0= : -8.1212052683996E-13
y0= : -4.5445687223651E-12
*****
i=33280
k(33280)=0.99999352694661
kQ(33280)=0.99998705393513
r1= : 4.616815426722E-12
rpunto1: = 1078670.8162516
rduepunti0 : = -1.0297227588856E+25
fil : = 488.34096015881
fipunto1 : = 5.8521188394761E+17
fi_gradi : = 27979.875980466
t1 : = 1.0809345984854E-14
tpunto1 : = 1.0003690038267
tduepunti0 : = -2.8599914866234E+14
v=v_elettrone : = 2909732.6254681
x0= : -8.1183087917179E-13
y0= : -4.5447492686486E-12
```



```
*****
i=33281
k(33281)=0.99999354143186
kQ(33281)=0.99998708290543
r1= : 4.6169419318259E-12
rpunto1: = 1077463.232
rduepunti0 : = -1.0296706224111E+25
fil : = 488.3410287917
fipunto1 : = 5.8517981323075E+17
fi_gradi : = 27979.879912841
t1 : = 1.0809346102176E-14
tpunto1 : = 1.0003689703245
tduepunti0 : = -2.856636231373E+14
v=v_elettrone : = 2909215.7730886
x0= : -8.1154120278272E-13
y0= : -4.5449296540875E-12
*****
i=33282
k(33282)=0.99999355590015
kQ(33282)=0.99998711184183
r1= : 4.6170682953058E-12
rpunto1: = 1076255.7088204
rduepunti0 : = -1.0296185481667E+25
fil : = 488.34109742082
fipunto1 : = 5.8514778105071E+17
fi_gradi : = 27979.883845
t1 : = 1.0809346219498E-14
tpunto1 : = 1.0003689368616
tduepunti0 : = -2.8532816774535E+14
v=v_elettrone : = 2908699.4344897
x0= : -8.1125149768526E-13
y0= : -4.5451098786889E-12
*****
i=33283
k(33283)=0.99999357035149
kQ(33283)=0.99998714074432
r1= : 4.6171945171691E-12
rpunto1: = 1075048.2466399
rduepunti0 : = -1.0295665361358E+25
fil : = 488.34116604619
fipunto1 : = 5.8511578739653E+17
fi_gradi : = 27979.887776944
t1 : = 1.080934633682E-14
tpunto1 : = 1.000368903438
tduepunti0 : = -2.8499278239592E+14
v=v_elettrone : = 2908183.6119271
x0= : -8.1096176389215E-13
y0= : -4.5452899424595E-12
*****
i=33284
k(33284)=0.99999358478588
kQ(33284)=0.99998716961291
r1= : 4.6173205974227E-12
rpunto1: = 1073840.8453854
rduepunti0 : = -1.029514586302E+25
fil : = 488.34123466781
fipunto1 : = 5.8508383225727E+17
fi_gradi : = 27979.891708673
t1 : = 1.0809346454142E-14
tpunto1 : = 1.0003688700537
tduepunti0 : = -2.8465746699845E+14
v=v_elettrone : = 2907668.3035349
x0= : -8.1067200141587E-13
y0= : -4.5454698454061E-12
```

```
*****
i=33285
k(33285)=0.99999359920332
kQ(33285)=0.9999871984476
r1= : 4.6174465360739E-12
rpunto1: = 1072633.5049841
rduepunti0 : = -1.0294626986487E+25
fil : = 488.34130328567
fipunto1 : = 5.8505191562202E+17
fi_gradi : = 27979.895640187
t1 : = 1.0809346571464E-14
tpunto1 : = 1.0003688367088
tduepunti0 : = -2.8432222146245E+14
v=v_elettrone : = 2907153.5094943
x0= : -8.1038221026915E-13
y0= : -4.5456495875357E-12
*****
i=33286
k(33286)=0.99999361360381
kQ(33286)=0.99998722724841
r1= : 4.6175723331298E-12
rpunto1: = 1071426.225363
rduepunti0 : = -1.0294108731595E+25
fil : = 488.3413718998
fipunto1 : = 5.8502003747987E+17
fi_gradi : = 27979.899571487
t1 : = 1.0809346688786E-14
tpunto1 : = 1.0003688034032
tduepunti0 : = -2.8398704569746E+14
v=v_elettrone : = 2906639.232086
x0= : -8.1009239046472E-13
y0= : -4.5458291688549E-12
*****
i=33287
k(33287)=0.99999362798737
kQ(33287)=0.99998725601534
r1= : 4.6176979885975E-12
rpunto1: = 1070219.0064493
rduepunti0 : = -1.029359109818E+25
fil : = 488.34144051018
fipunto1 : = 5.8498819781993E+17
fi_gradi : = 27979.903502572
t1 : = 1.0809346806108E-14
tpunto1 : = 1.0003687701368
tduepunti0 : = -2.8365193961306E+14
v=v_elettrone : = 2906125.4715003
x0= : -8.0980254201501E-13
y0= : -4.5460085893706E-12
*****
i=33288
k(33288)=0.99999364235399
kQ(33288)=0.99998728474839
r1= : 4.6178235024841E-12
rpunto1: = 1069011.8481702
rduepunti0 : = -1.0293074086077E+25
fil : = 488.34150911683
fipunto1 : = 5.8495639663131E+17
fi_gradi : = 27979.907433444
t1 : = 1.080934692343E-14
tpunto1 : = 1.0003687369098
tduepunti0 : = -2.8331690311892E+14
v=v_elettrone : = 2905612.2237748
x0= : -8.0951266493247E-13
y0= : -4.5461878490897E-12
```

```
*****
i=33289
k(33289)=0.99999365670367
kQ(33289)=0.99998731344758
r1= : 4.6179488747968E-12
rpunto1 : = 1067804.7504526
rduepunti0 : = -1.0292557695123E+25
fil : = 488.34157771976
fipunto1 : = 5.8492463390316E+17
fi_gradi : = 27979.911364102
t1 : = 1.0809347040752E-14
tpunto1 : = 1.000368703722
tduepunti0 : = -2.829819361247E+14
v=v_elettrone : = 2905099.4932628
x0= : -8.0922275923006E-13
y0= : -4.5463669480189E-12
*****
i=33290
k(33290)=0.99999367103642
kQ(33290)=0.99998734211291
r1= : 4.6180741055427E-12
rpunto1 : = 1066597.7132239
rduepunti0 : = -1.0292041925155E+25
fil : = 488.34164631895
fipunto1 : = 5.8489290962462E+17
fi_gradi : = 27979.915294546
t1 : = 1.0809347158074E-14
tpunto1 : = 1.0003686705736
tduepunti0 : = -2.8264703854014E+14
v=v_elettrone : = 2904587.280157
x0= : -8.0893282492019E-13
y0= : -4.546545886165E-12
*****
i=33291
k(33291)=0.99999368535225
kQ(33291)=0.99998737074438
r1= : 4.6181991947288E-12
rpunto1 : = 1065390.7364113
rduepunti0 : = -1.0291526776008E+25
fil : = 488.34171491443
fipunto1 : = 5.8486122378487E+17
fi_gradi : = 27979.919224778
t1 : = 1.0809347275396E-14
tpunto1 : = 1.0003686374644
tduepunti0 : = -2.8231221027502E+14
v=v_elettrone : = 2904075.5825711
x0= : -8.0864286201528E-13
y0= : -4.5467246635348E-12
*****
i=33292
k(33292)=0.99999369965116
kQ(33292)=0.999987399342
r1= : 4.6183241423623E-12
rpunto1 : = 1064183.8199418
rduepunti0 : = -1.0291012247519E+25
fil : = 488.34178350619
fipunto1 : = 5.8482957637309E+17
fi_gradi : = 27979.923154796
t1 : = 1.0809347392718E-14
tpunto1 : = 1.0003686043944
tduepunti0 : = -2.8197745123917E+14
v=v_elettrone : = 2903564.4007022
x0= : -8.0835287052799E-13
y0= : -4.5469032801351E-12
```

```
*****
i=33293
k(33293)=0.99999371393314
kQ(33293)=0.99998742790579
r1= : 4.6184489484502E-12
rpunto1 : = 1062976.9637428
rduepunti0 : = -1.0290498339526E+25
fil : = 488.34185209424
fipunto1 : = 5.8479796737846E+17
fi_gradi : = 27979.927084602
t1 : = 1.080934751004E-14
tpunto1 : = 1.0003685713637
tduepunti0 : = -2.8164276134246E+14
v=v_elettrone : = 2903053.7347373
x0= : -8.0806285047097E-13
y0= : -4.5470817359725E-12
*****
i=33294
k(33294)=0.9999937281982
kQ(33294)=0.99998745643574
r1= : 4.6185736129995E-12
rpunto1 : = 1061770.1677415
rduepunti0 : = -1.0289985051866E+25
fil : = 488.34192067858
fipunto1 : = 5.8476639679021E+17
fi_gradi : = 27979.931014195
t1 : = 1.0809347627361E-14
tpunto1 : = 1.0003685383723
tduepunti0 : = -2.8130814049481E+14
v=v_elettrone : = 2902543.5869644
x0= : -8.0777280185688E-13
y0= : -4.5472600310539E-12
*****
i=33295
k(33295)=0.99999374244635
kQ(33295)=0.99998748493187
r1= : 4.6186981360174E-12
rpunto1 : = 1060563.4318652
rduepunti0 : = -1.0289472384375E+25
fil : = 488.34198925922
fipunto1 : = 5.8473486459755E+17
fi_gradi : = 27979.934943576
t1 : = 1.0809347744683E-14
tpunto1 : = 1.00036850542
tduepunti0 : = -2.8097358860617E+14
v=v_elettrone : = 2902033.9554765
x0= : -8.0748272469809E-13
y0= : -4.547438165386E-12
*****
i=33296
k(33296)=0.9999937566776
kQ(33296)=0.99998751339417
r1= : 4.6188225175109E-12
rpunto1 : = 1059356.7560412
rduepunti0 : = -1.0288960336893E+25
fil : = 488.34205783616
fipunto1 : = 5.8470337078972E+17
fi_gradi : = 27979.938872745
t1 : = 1.0809347862005E-14
tpunto1 : = 1.0003684725071
tduepunti0 : = -2.8063910558657E+14
v=v_elettrone : = 2901524.8404927
x0= : -8.0719261900721E-13
y0= : -4.5476161389755E-12
```

```
*****
i=33297
k(33297)=0.99999377089193
kQ(33297)=0.99998754182266
r1= : 4.618946757487E-12
rpunto1 : = 1058150.1401967
rduepunti0 : = -1.0288448909256E+25
fil : = 488.34212640941
fipunto1 : = 5.8467191535598E+17
fi_gradi : = 27979.942801703
t1 : = 1.0809347979327E-14
tpunto1 : = 1.0003684396333
tduepunti0 : = -2.8030469134606E+14
v=v_elettrone : = 2901016.2421761
x0= : -8.0690248479688E-13
y0= : -4.5477939518292E-12
*****
i=33298
k(33298)=0.99999378508936
kQ(33298)=0.99998757021734
r1= : 4.6190708559528E-12
rpunto1 : = 1056943.5842591
rduepunti0 : = -1.0287938101302E+25
fil : = 488.34219497896
fipunto1 : = 5.846404982856E+17
fi_gradi : = 27979.946730449
t1 : = 1.0809348096649E-14
tpunto1 : = 1.0003684067987
tduepunti0 : = -2.7997034579474E+14
v=v_elettrone : = 2900508.1628338
x0= : -8.066123220797E-13
y0= : -4.5479716039537E-12
*****
i=33299
k(33299)=0.99999379926989
kQ(33299)=0.99998759857822
r1= : 4.6191948129153E-12
rpunto1 : = 1055737.0881557
rduepunti0 : = -1.0287427912871E+25
fil : = 488.34226354484
fipunto1 : = 5.8460911956786E+17
fi_gradi : = 27979.950658985
t1 : = 1.0809348213971E-14
tpunto1 : = 1.0003683740034
tduepunti0 : = -2.7963606884275E+14
v=v_elettrone : = 2900000.6005517
x0= : -8.06322130868E-13
y0= : -4.5481490953557E-12
*****
i=33300
k(33300)=0.99999381343352
kQ(33300)=0.99998762690531
r1= : 4.6193186283815E-12
rpunto1 : = 1054530.6518139
rduepunti0 : = -1.02869183438E+25
fil : = 488.34233210703
fipunto1 : = 5.8457777919205E+17
fi_gradi : = 27979.954587309
t1 : = 1.0809348331293E-14
tpunto1 : = 1.0003683412472
tduepunti0 : = -2.793018604003E+14
v=v_elettrone : = 2899493.5534515
x0= : -8.0603191117437E-13
y0= : -4.548326426042E-12
```

```

*****
i=33301
k(33301)=0.99999382758025
kQ(33301)=0.9999876551986
r1= : 4.6194423023584E-12
rpunto1 : = 1053324.2751612
rduepunti0 : = -1.0286409393928E+25
fil : = 488.34240066555
fipunto1 : = 5.8454647714749E+17
fi_gradi : = 27979.958515423
t1 : = 1.0809348448615E-14
tpunto1 : = 1.0003683085303
tduepunti0 : = -2.7896772037762E+14
v=v_elettrone : = 2898987.0258953
x0= : -8.0574166301166E-13
y0= : -4.5485035960192E-12
*****
i=33302
k(33302)=0.9999938417101
kQ(33302)=0.99998768345812
r1= : 4.619565834853E-12
rpunto1 : = 1052117.9581247
rduepunti0 : = -1.0285901063095E+25
fil : = 488.3424692204
fipunto1 : = 5.845152134235E+17
fi_gradi : = 27979.962443326
t1 : = 1.0809348565937E-14
tpunto1 : = 1.0003682758525
tduepunti0 : = -2.78633648685E+14
v=v_elettrone : = 2898481.0159859
x0= : -8.0545138639217E-13
y0= : -4.5486806052939E-12
*****
i=33303
k(33303)=0.99999385582305
kQ(33303)=0.99998771168386
r1= : 4.6196892258724E-12
rpunto1 : = 1050911.7006321
rduepunti0 : = -1.0285393351139E+25
fil : = 488.34253777158
fipunto1 : = 5.8448398800943E+17
fi_gradi : = 27979.966371019
t1 : = 1.0809348683259E-14
tpunto1 : = 1.0003682432138
tduepunti0 : = -2.7829964523277E+14
v=v_elettrone : = 2897975.5239209
x0= : -8.0516108132848E-13
y0= : -4.5488574538729E-12
*****
i=33304
k(33304)=0.99999386991913
kQ(33304)=0.99998773987583
r1= : 4.6198124754235E-12
rpunto1 : = 1049705.5026107
rduepunti0 : = -1.02848862579E+25
fil : = 488.3426063191
fipunto1 : = 5.8445280089462E+17
fi_gradi : = 27979.970298503
t1 : = 1.080934880058E-14
tpunto1 : = 1.0003682106144
tduepunti0 : = -2.779657099313E+14
v=v_elettrone : = 2897470.5498967
x0= : -8.0487074783312E-13
y0= : -4.5490341417629E-12

```

```
*****
i=33305
k(33305)=0.99999388399832
kQ(33305)=0.99998776803404
r1= : 4.6199355835132E-12
rpunto1: = 1048499.363988
rduepunti0 : = -1.0284379783216E+25
fil : = 488.34267486296
fipunto1 : = 5.8442165206846E+17
fi_gradi : = 27979.974225777
t1 : = 1.0809348917902E-14
tpunto1 : = 1.0003681780541
tduepunti0 : = -2.7763184269102E+14
v=v_elettrone : = 2896966.0940976
x0= : -8.0458038591864E-13
y0= : -4.5492106689703E-12
*****
i=33306
k(33306)=0.99999389806063
kQ(33306)=0.99998779615849
r1= : 4.6200585501486E-12
rpunto1: = 1047293.2846915
rduepunti0 : = -1.028387392693E+25
fil : = 488.34274340316
fipunto1 : = 5.8439054152032E+17
fi_gradi : = 27979.978152841
t1 : = 1.0809349035224E-14
tpunto1 : = 1.0003681455329
tduepunti0 : = -2.772980434224E+14
v=v_elettrone : = 2896462.1588058
x0= : -8.0428999559757E-13
y0= : -4.5493870355019E-12
*****
i=33307
k(33307)=0.99999391210607
kQ(33307)=0.9999878242492
r1= : 4.6201813753365E-12
rpunto1: = 1046087.2646486
rduepunti0 : = -1.0283368688879E+25
fil : = 488.34281193972
fipunto1 : = 5.843594692396E+17
fi_gradi : = 27979.982079697
t1 : = 1.0809349152546E-14
tpunto1 : = 1.0003681130509
tduepunti0 : = -2.7696431203595E+14
v=v_elettrone : = 2895958.7400506
x0= : -8.0399957688219E-13
y0= : -4.5495632413644E-12
*****
i=33308
k(33308)=0.99999392613463
kQ(33308)=0.99998785230616
r1= : 4.620304059084E-12
rpunto1: = 1044881.3037869
rduepunti0 : = -1.0282864068904E+25
fil : = 488.34288047264
fipunto1 : = 5.8432843521571E+17
fi_gradi : = 27979.986006344
t1 : = 1.0809349269868E-14
tpunto1 : = 1.000368080608
tduepunti0 : = -2.7663064844222E+14
v=v_elettrone : = 2895455.8401004
x0= : -8.0370912978527E-13
y0= : -4.5497392865643E-12
```

```
*****
i=33309
k(33309)=0.99999394014633
kQ(33309)=0.99998788032938
r1= : 4.620426601398E-12
rpunto1: = 1043675.4020339
rduepunti0 : = -1.0282360066847E+25
fil : = 488.34294900191
fipunto1 : = 5.8429743943809E+17
fi_gradi : = 27979.989932782
t1 : = 1.080934938719E-14
tpunto1 : = 1.0003680482043
tduepunti0 : = -2.7629705255182E+14
v=v_elettrone : = 2894953.4591488
x0= : -8.034186543193E-13
y0= : -4.5499151711082E-12
*****
i=33310
k(33310)=0.99999395414116
kQ(33310)=0.99998790831888
r1= : 4.6205490022854E-12
rpunto1: = 1042469.5593171
rduepunti0 : = -1.0281856682547E+25
fil : = 488.34301752755
fipunto1 : = 5.8426648189617E+17
fi_gradi : = 27979.993859012
t1 : = 1.0809349504512E-14
tpunto1 : = 1.0003680158396
tduepunti0 : = -2.759635242754E+14
v=v_elettrone : = 2894451.5953092
x0= : -8.031281504968E-13
y0= : -4.5500908950027E-12
*****
i=33311
k(33311)=0.99999396811913
kQ(33311)=0.99998793627465
r1= : 4.6206712617532E-12
rpunto1: = 1041263.7755642
rduepunti0 : = -1.0281353915845E+25
fil : = 488.34308604956
fipunto1 : = 5.8423556257941E+17
fi_gradi : = 27979.997785034
t1 : = 1.0809349621834E-14
tpunto1 : = 1.0003679835141
tduepunti0 : = -2.7563006352366E+14
v=v_elettrone : = 2893950.2529369
x0= : -8.0283761833049E-13
y0= : -4.5502664582543E-12
*****
i=33312
k(33312)=0.99999398208025
kQ(33312)=0.99998796419671
r1= : 4.6207933798082E-12
rpunto1: = 1040058.0507027
rduepunti0 : = -1.0280851766583E+25
fil : = 488.34315456795
fipunto1 : = 5.8420468147728E+17
fi_gradi : = 27980.001710848
t1 : = 1.0809349739155E-14
tpunto1 : = 1.0003679512277
tduepunti0 : = -2.7529667020732E+14
v=v_elettrone : = 2893449.4301557
x0= : -8.0254705783262E-13
y0= : -4.5504418608698E-12
```



```
*****
i=33313
k(33313)=0.9999939960245
kQ(33313)=0.99998799208505
r1= : 4.6209153564574E-12
rpunto1: = 1038852.3846602
rduepunti0 : = -1.0280350234601E+25
fil : = 488.34322308271
fipunto1 : = 5.8417383857927E+17
fi_gradi : = 27980.005636455
t1 : = 1.0809349856477E-14
tpunto1 : = 1.0003679189803
tduepunti0 : = -2.7496334423718E+14
v=v_elettrone : = 2892949.125053
x0= : -8.0225646901564E-13
y0= : -4.5506171028556E-12
*****
i=33314
k(33314)=0.99999400995191
kQ(33314)=0.99998801993969
r1= : 4.6210371917076E-12
rpunto1: = 1037646.7773643
rduepunti0 : = -1.0279849319742E+25
fil : = 488.34329159385
fipunto1 : = 5.8414303387487E+17
fi_gradi : = 27980.009561854
t1 : = 1.0809349973799E-14
tpunto1 : = 1.0003678867721
tduepunti0 : = -2.7463008552406E+14
v=v_elettrone : = 2892449.3420013
x0= : -8.0196585189227E-13
y0= : -4.5507921842183E-12
*****
i=33315
k(33315)=0.99999402386246
kQ(33315)=0.99998804776063
r1= : 4.6211588855658E-12
rpunto1: = 1036441.2287427
rduepunti0 : = -1.0279349021847E+25
fil : = 488.34336010138
fipunto1 : = 5.841122673536E+17
fi_gradi : = 27980.013487047
t1 : = 1.0809350091121E-14
tpunto1 : = 1.0003678546029
tduepunti0 : = -2.7429689397884E+14
v=v_elettrone : = 2891950.0770193
x0= : -8.0167520647472E-13
y0= : -4.5509671049645E-12
*****
i=33316
k(33316)=0.99999403775617
kQ(33316)=0.99998807554788
r1= : 4.6212804380388E-12
rpunto1: = 1035235.7387231
rduepunti0 : = -1.0278849340758E+25
fil : = 488.34342860531
fipunto1 : = 5.8408153900498E+17
fi_gradi : = 27980.017412032
t1 : = 1.0809350208443E-14
tpunto1 : = 1.0003678224728
tduepunti0 : = -2.7396376951244E+14
v=v_elettrone : = 2891451.332394
x0= : -8.0138453277567E-13
y0= : -4.5511418651006E-12
```

```
*****
i=33317
k(33317)=0.99999405163303
kQ(33317)=0.99998810330145
r1= : 4.6214018491336E-12
rpunto1: = 1034030.3072331
rduepunti0 : = -1.0278350276318E+25
fil : = 488.34349710563
fipunto1 : = 5.8405084881856E+17
fi_gradi : = 27980.021336812
t1 : = 1.0809350325765E-14
tpunto1 : = 1.0003677903817
tduepunti0 : = -2.7363071203581E+14
v=v_elettrone : = 2890953.1062126
x0= : -8.0109383080756E-13
y0= : -4.5513164646333E-12
*****
i=33318
k(33318)=0.99999406549306
kQ(33318)=0.99998813102134
r1= : 4.6215231188569E-12
rpunto1: = 1032824.9342004
rduepunti0 : = -1.0277851828367E+25
fil : = 488.34356560235
fipunto1 : = 5.8402019678391E+17
fi_gradi : = 27980.025261385
t1 : = 1.0809350443086E-14
tpunto1 : = 1.0003677583297
tduepunti0 : = -2.7329772145996E+14
v=v_elettrone : = 2890455.4028625
x0= : -8.0080310058308E-13
y0= : -4.551490903569E-12
*****
i=33319
k(33319)=0.99999407933625
kQ(33319)=0.99998815870755
r1= : 4.6216442472156E-12
rpunto1: = 1031619.6195527
rduepunti0 : = -1.0277353996751E+25
fil : = 488.34363409547
fipunto1 : = 5.8398958289057E+17
fi_gradi : = 27980.029185752
t1 : = 1.0809350560408E-14
tpunto1 : = 1.0003677263168
tduepunti0 : = -2.7296479769596E+14
v=v_elettrone : = 2889958.2183488
x0= : -8.0051234211439E-13
y0= : -4.5516651819143E-12
*****
i=33320
k(33320)=0.9999940931626
kQ(33320)=0.9999881863601
r1= : 4.6217652342166E-12
rpunto1: = 1030414.3632179
rduepunti0 : = -1.027685678131E+25
fil : = 488.34370258501
fipunto1 : = 5.8395900712815E+17
fi_gradi : = 27980.033109913
t1 : = 1.080935067773E-14
tpunto1 : = 1.0003676943429
tduepunti0 : = -2.7263194065488E+14
v=v_elettrone : = 2889461.5528581
x0= : -8.0022155541414E-13
y0= : -4.5518392996756E-12
```

```
*****
i=33321
k(33321)=0.99999410697213
kQ(33321)=0.99998821397899
r1= : 4.6218860798667E-12
rpunto1 : = 1029209.1651235
rduepunti0 : = -1.0276360181888E+25
fil : = 488.34377107096
fipunto1 : = 5.8392846948624E+17
fi_gradi : = 27980.037033869
t1 : = 1.0809350795052E-14
tpunto1 : = 1.000367662408
tduepunti0 : = -2.7229915024788E+14
v=v_elettrone : = 2888965.410771
x0= : -7.9993074049499E-13
y0= : -4.5520132568594E-12
*****
i=33322
k(33322)=0.99999412076483
kQ(33322)=0.99998824156422
r1= : 4.6220067841727E-12
rpunto1 : = 1028004.0251975
rduepunti0 : = -1.0275864198328E+25
fil : = 488.34383955333
fipunto1 : = 5.8389796995446E+17
fi_gradi : = 27980.040957619
t1 : = 1.0809350912374E-14
tpunto1 : = 1.0003676305121
tduepunti0 : = -2.7196642638614E+14
v=v_elettrone : = 2888469.7881017
x0= : -7.9963989736908E-13
y0= : -4.5521870534723E-12
*****
i=33323
k(33323)=0.9999941345407
kQ(33323)=0.99998826911581
r1= : 4.6221273471416E-12
rpunto1 : = 1026798.9433676
rduepunti0 : = -1.0275368830474E+25
fil : = 488.34390803212
fipunto1 : = 5.8386750852243E+17
fi_gradi : = 27980.044881165
t1 : = 1.0809351029695E-14
tpunto1 : = 1.0003675986553
tduepunti0 : = -2.7163376898088E+14
v=v_elettrone : = 2887974.6871197
x0= : -7.9934902604904E-13
y0= : -4.5523606895207E-12
*****
i=33324
k(33324)=0.99999414829976
kQ(33324)=0.99998829663376
r1= : 4.6222477687799E-12
rpunto1 : = 1025593.9195615
rduepunti0 : = -1.027487407817E+25
fil : = 488.34397650734
fipunto1 : = 5.838370851798E+17
fi_gradi : = 27980.048804506
t1 : = 1.0809351147017E-14
tpunto1 : = 1.0003675668374
tduepunti0 : = -2.7130117794339E+14
v=v_elettrone : = 2887480.105936
x0= : -7.9905812654725E-13
y0= : -4.552534165011E-12
```

```
*****
i=33325
k(33325)=0.999994162042
kQ(33325)=0.99998832411807
r1= : 4.6223680490947E-12
rpunto1: = 1024388.9537072
rduepunti0 : = -1.0274379941259E+25
fil : = 488.34404497899
fipunto1 : = 5.8380669991623E+17
fi_gradi : = 27980.052727643
t1 : = 1.0809351264339E-14
tpunto1 : = 1.0003675350586
tduepunti0 : = -2.7096865318497E+14
v=v_elettrone : = 2886986.0468324
x0= : -7.9876719887631E-13
y0= : -4.5527074799498E-12
*****
i=33326
k(33326)=0.99999417576742
kQ(33326)=0.99998835156876
r1= : 4.6224881880927E-12
rpunto1: = 1023184.0457325
rduepunti0 : = -1.0273886419585E+25
fil : = 488.34411344707
fipunto1 : = 5.8377635272138E+17
fi_gradi : = 27980.056650575
t1 : = 1.0809351381661E-14
tpunto1 : = 1.0003675033187
tduepunti0 : = -2.70636194617E+14
v=v_elettrone : = 2886492.5079058
x0= : -7.9847624304859E-13
y0= : -4.5528806343434E-12
*****
i=33327
k(33327)=0.99999418947603
kQ(33327)=0.99998837898582
r1= : 4.6226081857806E-12
rpunto1: = 1021979.1955652
rduepunti0 : = -1.0273393512993E+25
fil : = 488.3441819116
fipunto1 : = 5.8374604358494E+17
fi_gradi : = 27980.060573304
t1 : = 1.0809351498983E-14
tpunto1 : = 1.0003674716178
tduepunti0 : = -2.7030380215088E+14
v=v_elettrone : = 2885999.4914469
x0= : -7.9818525907669E-13
y0= : -4.5530536281982E-12
*****
i=33328
k(33328)=0.99999420316783
kQ(33328)=0.99998840636927
r1= : 4.6227280421653E-12
rpunto1: = 1020774.4031332
rduepunti0 : = -1.0272901221327E+25
fil : = 488.34425037257
fipunto1 : = 5.8371577249661E+17
fi_gradi : = 27980.064495828
t1 : = 1.0809351616304E-14
tpunto1 : = 1.0003674399559
tduepunti0 : = -2.6997147569805E+14
v=v_elettrone : = 2885506.9976351
x0= : -7.9789424697294E-13
y0= : -4.5532264615208E-12
```

```

*****
i=33329
k(33329)=0.99999421684283
kQ(33329)=0.99998843371911
r1= : 4.6228477572534E-12
rpunto1 : = 1019569.6683645
rduepunti0 : = -1.0272409544432E+25
fil : = 488.34431883
fipunto1 : = 5.8368553944611E+17
fi_gradi : = 27980.06841815
t1 : = 1.0809351733626E-14
tpunto1 : = 1.000367408333
tduepunti0 : = -2.6963921517001E+14
v=v_elettrone : = 2885015.0245764
x0= : -7.9760320674967E-13
y0= : -4.5533991343175E-12
*****
i=33330
k(33330)=0.99999423050103
kQ(33330)=0.99998846103535
r1= : 4.6229673310519E-12
rpunto1 : = 1018364.9911869
rduepunti0 : = -1.0271918482153E+25
fil : = 488.34438728387
fipunto1 : = 5.8365534442316E+17
fi_gradi : = 27980.072340268
t1 : = 1.0809351850948E-14
tpunto1 : = 1.000367376749
tduepunti0 : = -2.693070204783E+14
v=v_elettrone : = 2884523.5724634
x0= : -7.9731213841945E-13
y0= : -4.5535716465948E-12
*****
i=33331
k(33331)=0.99999424414243
kQ(33331)=0.99998848831799
r1= : 4.6230867635674E-12
rpunto1 : = 1017160.3715284
rduepunti0 : = -1.0271428034335E+25
fil : = 488.34445573421
fipunto1 : = 5.8362518741751E+17
fi_gradi : = 27980.076262184
t1 : = 1.080935196827E-14
tpunto1 : = 1.000367345204
tduepunti0 : = -2.689748915345E+14
v=v_elettrone : = 2884032.6435726
x0= : -7.9702104199486E-13
y0= : -4.553743998359E-12
*****
i=33332
k(33332)=0.99999425776703
kQ(33332)=0.99998851556703
r1= : 4.6232060548067E-12
rpunto1 : = 1015955.8093169
rduepunti0 : = -1.0270938200823E+25
fil : = 488.34452418101
fipunto1 : = 5.8359506841891E+17
fi_gradi : = 27980.080183896
t1 : = 1.0809352085592E-14
tpunto1 : = 1.0003673136979
tduepunti0 : = -2.6864282825023E+14
v=v_elettrone : = 2883542.238111
x0= : -7.9672991748818E-13
y0= : -4.5539161896165E-12

```

```
*****
i=33333
k(33333)=0.99999427137484
kQ(33333)=0.9999885427825
r1= : 4.6233252047765E-12
rpunto1 : = 1014751.3044804
rduepunti0 : = -1.0270448981463E+25
fil : = 488.34459262428
fipunto1 : = 5.8356498741713E+17
fi_gradi : = 27980.084105407
t1 : = 1.0809352202913E-14
tpunto1 : = 1.0003672822308
tduepunti0 : = -2.6831083053717E+14
v=v_elettrone : = 2883052.3541644
x0= : -7.9643876491171E-13
y0= : -4.5540882203738E-12
*****
i=33334
k(33334)=0.99999428496586
kQ(33334)=0.99998856996439
r1= : 4.6234442134835E-12
rpunto1 : = 1013546.856947
rduepunti0 : = -1.0269960376101E+25
fil : = 488.34466106402
fipunto1 : = 5.8353494440196E+17
fi_gradi : = 27980.088026715
t1 : = 1.0809352320235E-14
tpunto1 : = 1.0003672508025
tduepunti0 : = -2.6797889830702E+14
v=v_elettrone : = 2882562.991921
x0= : -7.96147584278E-13
y0= : -4.5542600906371E-12
*****
i=33335
k(33335)=0.9999942985401
kQ(33335)=0.9999885971127
r1= : 4.6235630809346E-12
rpunto1 : = 1012342.4666445
rduepunti0 : = -1.0269472384583E+25
fil : = 488.34472950023
fipunto1 : = 5.835049393632E+17
fi_gradi : = 27980.091947821
t1 : = 1.0809352437557E-14
tpunto1 : = 1.0003672194132
tduepunti0 : = -2.6764703147155E+14
v=v_elettrone : = 2882074.1515752
x0= : -7.9585637559956E-13
y0= : -4.5544318004129E-12
*****
i=33336
k(33336)=0.99999431209755
kQ(33336)=0.99998862422745
r1= : 4.6236818071362E-12
rpunto1 : = 1011138.133501
rduepunti0 : = -1.0268985006755E+25
fil : = 488.34479793293
fipunto1 : = 5.8347497229066E+17
fi_gradi : = 27980.095868726
t1 : = 1.0809352554879E-14
tpunto1 : = 1.0003671880629
tduepunti0 : = -2.6731522994254E+14
v=v_elettrone : = 2881585.8354123
x0= : -7.9556513888893E-13
y0= : -4.5546033497074E-12
```

```
*****
i=33337
k(33337)=0.99999432563822
kQ(33337)=0.99998865130864
r1= : 4.6238003920953E-12
rpunto1 : = 1009933.8574447
rduepunti0 : = -1.0268498242464E+25
fil : = 488.34486636211
fipunto1 : = 5.8344504317417E+17
fi_gradi : = 27980.099789429
t1 : = 1.08093526722E-14
tpunto1 : = 1.0003671567514
tduepunti0 : = -2.6698349363184E+14
v=v_elettrone : = 2881098.043632
x0= : -7.9527387415835E-13
y0= : -4.554774738527E-12
*****
i=33338
k(33338)=0.99999433916212
kQ(33338)=0.99998867835628
r1= : 4.6239188358185E-12
rpunto1 : = 1008729.6384035
rduepunti0 : = -1.0268012091555E+25
fil : = 488.34493478778
fipunto1 : = 5.8341515200357E+17
fi_gradi : = 27980.103709931
t1 : = 1.0809352789522E-14
tpunto1 : = 1.0003671254788
tduepunti0 : = -2.6665182245135E+14
v=v_elettrone : = 2880610.7722244
x0= : -7.9498258142008E-13
y0= : -4.5549459668781E-12
*****
i=33339
k(33339)=0.99999435266924
kQ(33339)=0.99998870537037
r1= : 4.6240371383124E-12
rpunto1 : = 1007525.4763055
rduepunti0 : = -1.0267526553876E+25
fil : = 488.34500320995
fipunto1 : = 5.8338529876872E+17
fi_gradi : = 27980.107630233
t1 : = 1.0809352906844E-14
tpunto1 : = 1.0003670942451
tduepunti0 : = -2.6632021631298E+14
v=v_elettrone : = 2880124.0255677
x0= : -7.9469126068687E-13
y0= : -4.555117034767E-12
*****
i=33340
k(33340)=0.99999436615959
kQ(33340)=0.99998873235092
r1= : 4.6241552995838E-12
rpunto1 : = 1006321.3710788
rduepunti0 : = -1.0267041629275E+25
fil : = 488.34507162862
fipunto1 : = 5.8335548345948E+17
fi_gradi : = 27980.111550334
t1 : = 1.0809353024166E-14
tpunto1 : = 1.0003670630503
tduepunti0 : = -2.6598867512871E+14
v=v_elettrone : = 2879637.8017634
x0= : -7.9439991197095E-13
y0= : -4.5552879422E-12
```

```
*****
i=33341
k(33341)=0.99999437963317
kQ(33341)=0.99998875929794
r1= : 4.6242733196392E-12
rpunto1 : = 1005117.3226516
rduepunti0 : = -1.0266557317597E+25
fil : = 488.34514004378
fipunto1 : = 5.8332570606575E+17
fi_gradi : = 27980.115470234
t1 : = 1.0809353141487E-14
tpunto1 : = 1.0003670318944
tduepunti0 : = -2.6565719881055E+14
v=v_elettrone : = 2879152.1031042
x0= : -7.9410853528479E-13
y0= : -4.5554586891834E-12
*****
i=33342
k(33342)=0.99999439308999
kQ(33342)=0.99998878621143
r1= : 4.6243911984855E-12
rpunto1 : = 1003913.330952
rduepunti0 : = -1.0266073618692E+25
fil : = 488.34520845546
fipunto1 : = 5.8329596657742E+17
fi_gradi : = 27980.119389934
t1 : = 1.0809353258809E-14
tpunto1 : = 1.0003670007773
tduepunti0 : = -2.6532578727057E+14
v=v_elettrone : = 2878666.9255759
x0= : -7.9381713064061E-13
y0= : -4.5556292757235E-12
*****
i=33343
k(33343)=0.99999440653005
kQ(33343)=0.99998881309139
r1= : 4.6245089361291E-12
rpunto1 : = 1002709.395908
rduepunti0 : = -1.0265590532406E+25
fil : = 488.34527686365
fipunto1 : = 5.832662649844E+17
fi_gradi : = 27980.123309435
t1 : = 1.0809353376131E-14
tpunto1 : = 1.0003669696991
tduepunti0 : = -2.6499444042085E+14
v=v_elettrone : = 2878182.2735644
x0= : -7.9352569805113E-13
y0= : -4.5557997018265E-12
*****
i=33344
k(33344)=0.99999441995335
kQ(33344)=0.99998883993784
r1= : 4.6246265325769E-12
rpunto1 : = 1001505.517448
rduepunti0 : = -1.0265108058587E+25
fil : = 488.34534526836
fipunto1 : = 5.8323660127662E+17
fi_gradi : = 27980.127228736
t1 : = 1.0809353493453E-14
tpunto1 : = 1.0003669386598
tduepunti0 : = -2.6466315817356E+14
v=v_elettrone : = 2877698.1451679
x0= : -7.9323423752853E-13
y0= : -4.5559699674988E-12
```



```
*****
i=33345
k(33345)=0.9999944333599
kQ(33345)=0.99998886675078
r1= : 4.6247439878353E-12
rpunto1: = 1000301.6955001
rduepunti0 : = -1.0264626197084E+25
fil : = 488.34541366958
fipunto1 : = 5.8320697544402E+17
fi_gradi : = 27980.131147837
t1 : = 1.0809353610774E-14
tpunto1 : = 1.0003669076593
tduepunti0 : = -2.6433194044087E+14
v=v_elettrone : = 2877214.5405755
x0= : -7.9294274908527E-13
y0= : -4.5561400727466E-12
*****
i=33346
k(33346)=0.99999444674969
kQ(33346)=0.99998889353022
r1= : 4.6248613019111E-12
rpunto1: = 999097.92999245
rduepunti0 : = -1.0264144947744E+25
fil : = 488.34548206733
fipunto1 : = 5.8317738747656E+17
fi_gradi : = 27980.13506674
t1 : = 1.0809353728096E-14
tpunto1 : = 1.0003668766976
tduepunti0 : = -2.6400078713502E+14
v=v_elettrone : = 2876731.462069
x0= : -7.9265123273377E-13
y0= : -4.5563100175761E-12
*****
i=33347
k(33347)=0.99999446012273
kQ(33347)=0.99998892027615
r1= : 4.6249784748109E-12
rpunto1: = 997894.22085333
rduepunti0 : = -1.0263664310417E+25
fil : = 488.34555046162
fipunto1 : = 5.831478373642E+17
fi_gradi : = 27980.138985444
t1 : = 1.0809353845418E-14
tpunto1 : = 1.0003668457748
tduepunti0 : = -2.6366969816827E+14
v=v_elettrone : = 2876248.9056476
x0= : -7.9235968848621E-13
y0= : -4.5564798019938E-12
*****
i=33348
k(33348)=0.99999447347903
kQ(33348)=0.9999889469886
r1= : 4.6250955065412E-12
rpunto1: = 996690.56801097
rduepunti0 : = -1.0263184284951E+25
fil : = 488.34561885243
fipunto1 : = 5.8311832509693E+17
fi_gradi : = 27980.142903949
t1 : = 1.0809353962739E-14
tpunto1 : = 1.0003668148908
tduepunti0 : = -2.6333867345294E+14
v=v_elettrone : = 2875766.8757036
x0= : -7.9206811635526E-13
y0= : -4.5566494260056E-12
```

```
*****
i=33349
k(33349)=0.99999448681858
kQ(33349)=0.99998897366756
r1= : 4.6252123971086E-12
rpunto1: = 995486.97139363
rduepunti0 : = -1.0262704871195E+25
fil : = 488.34568723979
fipunto1 : = 5.8308885066475E+17
fi_gradi : = 27980.146822256
t1 : = 1.0809354080061E-14
tpunto1 : = 1.0003667840456
tduepunti0 : = -2.630077129014E+14
v=v_elettrone : = 2875285.3682118
x0= : -7.9177651635307E-13
y0= : -4.556818889618E-12
*****
i=33350
k(33350)=0.9999945001414
kQ(33350)=0.99998900031304
r1= : 4.6253291465199E-12
rpunto1: = 994283.43092958
rduepunti0 : = -1.0262226068999E+25
fil : = 488.34575562369
fipunto1 : = 5.8305941405766E+17
fi_gradi : = 27980.150740364
t1 : = 1.0809354197383E-14
tpunto1 : = 1.0003667532392
tduepunti0 : = -2.6267681642603E+14
v=v_elettrone : = 2874804.3875791
x0= : -7.914848884923E-13
y0= : -4.556988192837E-12
*****
i=33351
k(33351)=0.99999451344748
kQ(33351)=0.99998902692505
r1= : 4.6254457547815E-12
rpunto1: = 993079.94654712
rduepunti0 : = -1.0261747878211E+25
fil : = 488.34582400413
fipunto1 : = 5.830300152657E+17
fi_gradi : = 27980.154658275
t1 : = 1.0809354314705E-14
tpunto1 : = 1.0003667224716
tduepunti0 : = -2.6234598393929E+14
v=v_elettrone : = 2874323.9318849
x0= : -7.9119323278508E-13
y0= : -4.557157335669E-12
*****
i=33352
k(33352)=0.99999452673682
kQ(33352)=0.99998905350359
r1= : 4.6255622219E-12
rpunto1: = 991876.51817457
rduepunti0 : = -1.0261270298681E+25
fil : = 488.34589238113
fipunto1 : = 5.830006542789E+17
fi_gradi : = 27980.158575989
t1 : = 1.0809354432026E-14
tpunto1 : = 1.0003666917428
tduepunti0 : = -2.6201521535365E+14
v=v_elettrone : = 2873843.9992181
x0= : -7.909015492438E-13
y0= : -4.55732631812E-12
```

```
*****
i=33353
k(33353)=0.99999454000943
kQ(33353)=0.99998908004868
r1= : 4.625678547882E-12
rpunto1: = 990673.14574025
rduepunti0 : = -1.0260793330259E+25
fil : = 488.34596075469
fipunto1 : = 5.8297133108731E+17
fi_gradi : = 27980.162493505
t1 : = 1.0809354549348E-14
tpunto1 : = 1.0003666610527
tduepunti0 : = -2.6168451058164E+14
v=v_elettrone : = 2873364.593975
x0= : -7.9060983788108E-13
y0= : -4.5574951401964E-12
*****
i=33354
k(33354)=0.99999455326532
kQ(33354)=0.9999891065603
r1= : 4.625794732734E-12
rpunto1: = 989469.82917251
rduepunti0 : = -1.0260316972795E+25
fil : = 488.3460291248
fipunto1 : = 5.8294204568101E+17
fi_gradi : = 27980.166410824
t1 : = 1.080935466667E-14
tpunto1 : = 1.0003666304015
tduepunti0 : = -2.6135386953584E+14
v=v_elettrone : = 2872885.7142453
x0= : -7.9031809870903E-13
y0= : -4.5576638019042E-12
*****
i=33355
k(33355)=0.99999456650448
kQ(33355)=0.99998913303848
r1= : 4.6259107764627E-12
rpunto1: = 988266.56839972
rduepunti0 : = -1.025984122614E+25
fil : = 488.34609749148
fipunto1 : = 5.8291279805007E+17
fi_gradi : = 27980.170327946
t1 : = 1.0809354783991E-14
tpunto1 : = 1.000366599789
tduepunti0 : = -2.6102329212886E+14
v=v_elettrone : = 2872407.3602085
x0= : -7.9002633174001E-13
y0= : -4.5578323032498E-12
*****
i=33356
k(33356)=0.99999457972692
kQ(33356)=0.99998915948321
r1= : 4.6260266790745E-12
rpunto1: = 987063.36335026
rduepunti0 : = -1.0259366090143E+25
fil : = 488.34616585473
fipunto1 : = 5.8288358818459E+17
fi_gradi : = 27980.174244872
t1 : = 1.0809354901313E-14
tpunto1 : = 1.0003665692153
tduepunti0 : = -2.6069277827335E+14
v=v_elettrone : = 2871929.5299617
x0= : -7.8973453698636E-13
y0= : -4.5580006442391E-12
```

```
*****
i=33357
k(33357)=0.99999459293264
kQ(33357)=0.99998918589451
r1= : 4.626142440576E-12
rpunto1: = 985860.21395252
rduepunti0 : = -1.0258891564656E+25
fil : = 488.34623421456
fipunto1 : = 5.8285441607468E+17
fi_gradi : = 27980.178161601
t1 : = 1.0809355018635E-14
tpunto1 : = 1.0003665386804
tduepunti0 : = -2.60362327882E+14
v=v_elettrone : = 2871452.2278885
x0= : -7.894427144607E-13
y0= : -4.5581688248784E-12
*****
i=33358
k(33358)=0.99999460612164
kQ(33358)=0.99998921227238
r1= : 4.6262580609737E-12
rpunto1: = 984657.12013494
rduepunti0 : = -1.0258417649529E+25
fil : = 488.34630257096
fipunto1 : = 5.8282528171047E+17
fi_gradi : = 27980.182078135
t1 : = 1.0809355135956E-14
tpunto1 : = 1.0003665081842
tduepunti0 : = -2.6003194086755E+14
v=v_elettrone : = 2870975.449987
x0= : -7.8915086417507E-13
y0= : -4.5583368451739E-12
*****
i=33359
k(33359)=0.99999461929393
kQ(33359)=0.99998923861682
r1= : 4.6263735402741E-12
rpunto1: = 983454.08182593
rduepunti0 : = -1.0257944344613E+25
fil : = 488.34637092395
fipunto1 : = 5.8279618508208E+17
fi_gradi : = 27980.185994473
t1 : = 1.0809355253278E-14
tpunto1 : = 1.0003664777267
tduepunti0 : = -2.5970161714279E+14
v=v_elettrone : = 2870499.1985327
x0= : -7.8885898614208E-13
y0= : -4.5585047051316E-12
*****
i=33360
k(33360)=0.99999463244952
kQ(33360)=0.99998926492784
r1= : 4.6264888784838E-12
rpunto1: = 982251.09895396
rduepunti0 : = -1.0257471649759E+25
fil : = 488.34643927353
fipunto1 : = 5.8276712617968E+17
fi_gradi : = 27980.189910615
t1 : = 1.08093553706E-14
tpunto1 : = 1.000366447308
tduepunti0 : = -2.5937135662053E+14
v=v_elettrone : = 2870023.4758332
x0= : -7.8856708037402E-13
y0= : -4.5586724047576E-12
```

```
*****
i=33361
k(33361)=0.99999464558839
kQ(33361)=0.99998929120546
r1= : 4.6266040756092E-12
rpunto1 : = 981048.17144749
rduepunti0 : = -1.025699956482E+25
fil : = 488.34650761969
fipunto1 : = 5.8273810499343E+17
fi_gradi : = 27980.193826562
t1 : = 1.0809355487921E-14
tpunto1 : = 1.000366416928
tduepunti0 : = -2.5904115921364E+14
v=v_elettrone : = 2869548.277861
x0= : -7.8827514688295E-13
y0= : -4.5588399440582E-12
*****
i=33362
k(33362)=0.99999465871057
kQ(33362)=0.99998931744966
r1= : 4.6267191316568E-12
rpunto1 : = 979845.29923502
rduepunti0 : = -1.0256528089646E+25
fil : = 488.34657596246
fipunto1 : = 5.827091215135E+17
fi_gradi : = 27980.197742314
t1 : = 1.0809355605243E-14
tpunto1 : = 1.0003663865867
tduepunti0 : = -2.5871102483502E+14
v=v_elettrone : = 2869073.6048024
x0= : -7.8798318568143E-13
y0= : -4.5590073230394E-12
*****
i=33363
k(33363)=0.99999467181604
kQ(33363)=0.99998934366046
r1= : 4.6268340466332E-12
rpunto1 : = 978642.48224504
rduepunti0 : = -1.0256057224089E+25
fil : = 488.34664430182
fipunto1 : = 5.826801757301E+17
fi_gradi : = 27980.201657871
t1 : = 1.0809355722565E-14
tpunto1 : = 1.0003663562841
tduepunti0 : = -2.5838095339763E+14
v=v_elettrone : = 2868599.4610618
x0= : -7.8769119678199E-13
y0= : -4.5591745417072E-12
*****
i=33364
k(33364)=0.99999468490481
kQ(33364)=0.99998936983787
r1= : 4.6269488205447E-12
rpunto1 : = 977439.72040609
rduepunti0 : = -1.0255586968003E+25
fil : = 488.34671263779
fipunto1 : = 5.8265126763343E+17
fi_gradi : = 27980.205573233
t1 : = 1.0809355839886E-14
tpunto1 : = 1.0003663260202
tduepunti0 : = -2.5805094481444E+14
v=v_elettrone : = 2868125.842612
x0= : -7.8739918019666E-13
y0= : -4.5593416000679E-12
```

```
*****
i=33365
k(33365)=0.99999469797689
kQ(33365)=0.99998939598189
r1= : 4.6270634533979E-12
rpunto1: = 976237.01364669
rduepunti0 : = -1.0255117321238E+25
fil : = 488.34678097037
fipunto1 : = 5.8262239721371E+17
fi_gradi : = 27980.209488402
t1 : = 1.0809355957208E-14
tpunto1 : = 1.000366295795
tduepunti0 : = -2.577209989985E+14
v=v_elettrone : = 2867652.7538648
x0= : -7.8710713593797E-13
y0= : -4.5595084981274E-12
*****
i=33366
k(33366)=0.99999471103228
kQ(33366)=0.99998942209253
r1= : 4.6271779451993E-12
rpunto1: = 975034.36189541
rduepunti0 : = -1.0254648283648E+25
fil : = 488.34684929956
fipunto1 : = 5.8259356446117E+17
fi_gradi : = 27980.213403376
t1 : = 1.080935607453E-14
tpunto1 : = 1.0003662656085
tduepunti0 : = -2.5739111586286E+14
v=v_elettrone : = 2867180.1886703
x0= : -7.8681506401792E-13
y0= : -4.5596752358918E-12
*****
i=33367
k(33367)=0.99999472407098
kQ(33367)=0.99998944816979
r1= : 4.6272922959552E-12
rpunto1: = 973831.76508081
rduepunti0 : = -1.0254179855085E+25
fil : = 488.34691762538
fipunto1 : = 5.8256476936607E+17
fi_gradi : = 27980.217318157
t1 : = 1.0809356191851E-14
tpunto1 : = 1.0003662354607
tduepunti0 : = -2.5706129532065E+14
v=v_elettrone : = 2866708.1535592
x0= : -7.8652296444929E-13
y0= : -4.5598418133673E-12
*****
i=33368
k(33368)=0.99999473709299
kQ(33368)=0.99998947421368
r1= : 4.6274065056721E-12
rpunto1: = 972629.2231315
rduepunti0 : = -1.0253712035403E+25
fil : = 488.34698594781
fipunto1 : = 5.8253601191867E+17
fi_gradi : = 27980.221232744
t1 : = 1.0809356309173E-14
tpunto1 : = 1.0003662053516
tduepunti0 : = -2.5673153728502E+14
v=v_elettrone : = 2866236.6444827
x0= : -7.8623083724405E-13
y0= : -4.5600082305598E-12
```

```
*****
i=33369
k(33369)=0.99999475009832
kQ(33369)=0.99998950022421
r1= : 4.6275205743565E-12
rpunto1: = 971426.73597608
rduepunti0 : = -1.0253244824453E+25
fil : = 488.34705426687
fipunto1 : = 5.8250729210925E+17
fi_gradi : = 27980.225147138
t1 : = 1.0809356426495E-14
tpunto1 : = 1.0003661752811
tduepunti0 : = -2.5640184166916E+14
v=v_elettrone : = 2865765.6637479
x0= : -7.8593868241471E-13
y0= : -4.5601744874753E-12
*****
i=33370
k(33370)=0.99999476308698
kQ(33370)=0.99998952620138
r1= : 4.6276345020148E-12
rpunto1: = 970224.30354317
rduepunti0 : = -1.0252778222091E+25
fil : = 488.34712258257
fipunto1 : = 5.8247860992809E+17
fi_gradi : = 27980.229061339
t1 : = 1.0809356543816E-14
tpunto1 : = 1.0003661452493
tduepunti0 : = -2.5607220838631E+14
v=v_elettrone : = 2865295.2115518
x0= : -7.8564649997349E-13
y0= : -4.56034058412E-12
*****
i=33371
k(33371)=0.99999477605895
kQ(33371)=0.99998955214519
r1= : 4.6277482886533E-12
rpunto1: = 969021.92576143
rduepunti0 : = -1.0252312228168E+25
fil : = 488.3471908949
fipunto1 : = 5.824499653655E+17
fi_gradi : = 27980.232975347
t1 : = 1.0809356661138E-14
tpunto1 : = 1.0003661152561
tduepunti0 : = -2.5574263734975E+14
v=v_elettrone : = 2864825.285956
x0= : -7.8535428993261E-13
y0= : -4.5605065204999E-12
*****
i=33372
k(33372)=0.99999478901425
kQ(33372)=0.99998957805566
r1= : 4.6278619342786E-12
rpunto1: = 967819.6025595
rduepunti0 : = -1.025184684254E+25
fil : = 488.34725920387
fipunto1 : = 5.8242135841181E+17
fi_gradi : = 27980.236889163
t1 : = 1.080935677846E-14
tpunto1 : = 1.0003660853016
tduepunti0 : = -2.554131284728E+14
v=v_elettrone : = 2864355.8892678
x0= : -7.8506205230455E-13
y0= : -4.5606722966209E-12
```

```
*****
i=33373
k(33373)=0.99999480195288
kQ(33373)=0.99998960393278
r1= : 4.627975438897E-12
rpunto1 : = 966617.33386606
rduepunti0 : = -1.0251382065059E+25
fil : = 488.34732750948
fipunto1 : = 5.8239278905734E+17
fi_gradi : = 27980.240802786
t1 : = 1.0809356895781E-14
tpunto1 : = 1.0003660553857
tduepunti0 : = -2.5508368166881E+14
v=v_elettrone : = 2863887.0195649
x0= : -7.847697871015E-13
y0= : -4.5608379124891E-12
*****
i=33374
k(33374)=0.99999481487484
kQ(33374)=0.99998962977657
r1= : 4.6280888025148E-12
rpunto1 : = 965415.11960982
rduepunti0 : = -1.0250917895581E+25
fil : = 488.34739581175
fipunto1 : = 5.8236425729244E+17
fi_gradi : = 27980.244716218
t1 : = 1.0809357013103E-14
tpunto1 : = 1.0003660255085
tduepunti0 : = -2.547542968512E+14
v=v_elettrone : = 2863418.6812561
x0= : -7.8447749433592E-13
y0= : -4.5610033681104E-12
*****
i=33375
k(33375)=0.99999482778014
kQ(33375)=0.99998965558703
r1= : 4.6282020251386E-12
rpunto1 : = 964212.95971947
rduepunti0 : = -1.0250454333959E+25
fil : = 488.34746411067
fipunto1 : = 5.8233576310748E+17
fi_gradi : = 27980.248629458
t1 : = 1.0809357130424E-14
tpunto1 : = 1.0003659956699
tduepunti0 : = -2.544249739334E+14
v=v_elettrone : = 2862950.8681895
x0= : -7.8418517401974E-13
y0= : -4.5611686634909E-12
*****
i=33376
k(33376)=0.99999484066878
kQ(33376)=0.99998968136417
r1= : 4.6283151067746E-12
rpunto1 : = 963010.85412376
rduepunti0 : = -1.0249991380048E+25
fil : = 488.34753240625
fipunto1 : = 5.8230730649282E+17
fi_gradi : = 27980.252542506
t1 : = 1.0809357247746E-14
tpunto1 : = 1.0003659658698
tduepunti0 : = -2.5409571282889E+14
v=v_elettrone : = 2862483.5847833
x0= : -7.8389282616564E-13
y0= : -4.5613337986364E-12
```



```
*****
i=33377
k(33377)=0.99999485354075
kQ(33377)=0.99998970710799
r1= : 4.6284280474292E-12
rpunto1: = 961808.80275142
rduepunti0 : = -1.0249529033704E+25
fil : = 488.34760069849
fipunto1 : = 5.8227888743885E+17
fi_gradi : = 27980.256455363
t1 : = 1.0809357365068E-14
tpunto1 : = 1.0003659361084
tduepunti0 : = -2.537665134512E+14
v=v_elettrone : = 2862016.8312185
x0= : -7.8360045078581E-13
y0= : -4.5614987735531E-12
*****
i=33378
k(33378)=0.99999486639607
kQ(33378)=0.9999897328185
r1= : 4.6285408471089E-12
rpunto1: = 960606.80553122
rduepunti0 : = -1.024906729478E+25
fil : = 488.34766898739
fipunto1 : = 5.8225050593598E+17
fi_gradi : = 27980.260368029
t1 : = 1.0809357482389E-14
tpunto1 : = 1.0003659063856
tduepunti0 : = -2.5343737571389E+14
v=v_elettrone : = 2861550.605576
x0= : -7.833080478924E-13
y0= : -4.5616635882468E-12
*****
i=33379
k(33379)=0.99999487923474
kQ(33379)=0.9999897584957
r1= : 4.6286535058198E-12
rpunto1: = 959404.86239194
rduepunti0 : = -1.0248606163132E+25
fil : = 488.34773727297
fipunto1 : = 5.8222216197463E+17
fi_gradi : = 27980.264280505
t1 : = 1.0809357599711E-14
tpunto1 : = 1.0003658767014
tduepunti0 : = -2.5310829953057E+14
v=v_elettrone : = 2861084.9101507
x0= : -7.8301561749782E-13
y0= : -4.5618282427235E-12
*****
i=33380
k(33380)=0.99999489205676
kQ(33380)=0.99998978413961
r1= : 4.6287660235685E-12
rpunto1: = 958202.97326237
rduepunti0 : = -1.0248145638617E+25
fil : = 488.34780555523
fipunto1 : = 5.8219385554521E+17
fi_gradi : = 27980.26819279
t1 : = 1.0809357717033E-14
tpunto1 : = 1.0003658470558
tduepunti0 : = -2.5277928481488E+14
v=v_elettrone : = 2860619.7430233
x0= : -7.8272315961422E-13
y0= : -4.5619927369891E-12
```

```
*****
i=33381
k(33381)=0.99999490486213
kQ(33381)=0.99998980975022
r1= : 4.6288784003611E-12
rpunto1 : = 957001.13807133
rduepunti0 : = -1.0247685721088E+25
fil : = 488.34787383416
fipunto1 : = 5.8216558663818E+17
fi_gradi : = 27980.272104885
t1 : = 1.0809357834354E-14
tpunto1 : = 1.0003658174488
tduepunti0 : = -2.5245033148052E+14
v=v_elettrone : = 2860155.1043732
x0= : -7.8243067425399E-13
y0= : -4.5621570710496E-12
*****
i=33382
k(33382)=0.99999491765085
kQ(33382)=0.99998983532754
r1= : 4.6289906362041E-12
rpunto1 : = 955799.35674764
rduepunti0 : = -1.0247226410402E+25
fil : = 488.34794210978
fipunto1 : = 5.82137355244E+17
fi_gradi : = 27980.276016789
t1 : = 1.0809357951676E-14
tpunto1 : = 1.0003657878803
tduepunti0 : = -2.521214394412E+14
v=v_elettrone : = 2859690.9965053
x0= : -7.8213816142951E-13
y0= : -4.5623212449109E-12
*****
i=33383
k(33383)=0.99999493042294
kQ(33383)=0.99998986087157
r1= : 4.6291027311037E-12
rpunto1 : = 954597.62922016
rduepunti0 : = -1.0246767706416E+25
fil : = 488.34801038209
fipunto1 : = 5.8210916135313E+17
fi_gradi : = 27980.279928505
t1 : = 1.0809358068997E-14
tpunto1 : = 1.0003657583504
tduepunti0 : = -2.5179260861069E+14
v=v_elettrone : = 2859227.4174911
x0= : -7.8184562115292E-13
y0= : -4.5624852585788E-12
*****
i=33384
k(33384)=0.99999494317838
kQ(33384)=0.99998988638234
r1= : 4.6292146850664E-12
rpunto1 : = 953395.95541774
rduepunti0 : = -1.0246309608985E+25
fil : = 488.34807865109
fipunto1 : = 5.8208100495606E+17
fi_gradi : = 27980.28384003
t1 : = 1.0809358186319E-14
tpunto1 : = 1.000365728859
tduepunti0 : = -2.514638389028E+14
v=v_elettrone : = 2858764.3696293
x0= : -7.8155305343656E-13
y0= : -4.5626491120594E-12
```

```
*****
i=33385
k(33385)=0.99999495591719
kQ(33385)=0.99998991185983
r1= : 4.6293264980982E-12
rpunto1: = 952194.33526928
rduepunti0 : = -1.0245852117966E+25
fil : = 488.34814691679
fipunto1 : = 5.8205288604329E+17
fi_gradi : = 27980.287751367
t1 : = 1.080935830364E-14
tpunto1 : = 1.0003656994062
tduepunti0 : = -2.5113513023138E+14
v=v_elettrone : = 2858301.8510017
x0= : -7.8126045829256E-13
y0= : -4.5628128053584E-12
*****
i=33386
k(33386)=0.99999496863937
kQ(33386)=0.99998993730405
r1= : 4.6294381702057E-12
rpunto1: = 950992.76870366
rduepunti0 : = -1.0245395233215E+25
fil : = 488.34821517919
fipunto1 : = 5.8202480460533E+17
fi_gradi : = 27980.291662514
t1 : = 1.0809358420962E-14
tpunto1 : = 1.000365669992
tduepunti0 : = -2.5080648251032E+14
v=v_elettrone : = 2857839.8638993
x0= : -7.8096783573325E-13
y0= : -4.5629763384818E-12
*****
i=33387
k(33387)=0.99999498134492
kQ(33387)=0.99998996271502
r1= : 4.629549701395E-12
rpunto1: = 949791.2556498
rduepunti0 : = -1.024493895459E+25
fil : = 488.3482834383
fipunto1 : = 5.8199676063271E+17
fi_gradi : = 27980.295573473
t1 : = 1.0809358538284E-14
tpunto1 : = 1.0003656406162
tduepunti0 : = -2.5047789565355E+14
v=v_elettrone : = 2857378.4042789
x0= : -7.8067518577074E-13
y0= : -4.5631397114354E-12
*****
i=33388
k(33388)=0.99999499403384
kQ(33388)=0.99998998809273
r1= : 4.6296610916724E-12
rpunto1: = 948589.79603664
rduepunti0 : = -1.0244483281947E+25
fil : = 488.34835169412
fipunto1 : = 5.8196875411597E+17
fi_gradi : = 27980.299484243
t1 : = 1.0809358655605E-14
tpunto1 : = 1.0003656112791
tduepunti0 : = -2.5014936957502E+14
v=v_elettrone : = 2856917.4765624
x0= : -7.803825084176E-13
y0= : -4.5633029242252E-12
```

```
*****
i=33389
k(33389)=0.99999500670613
kQ(33389)=0.9999900134372
r1= : 4.6297723410441E-12
rpunto1: = 947388.38979311
rduepunti0 : = -1.0244028215144E+25
fil : = 488.34841994665
fipunto1 : = 5.8194078504566E+17
fi_gradi : = 27980.303394826
t1 : = 1.0809358772927E-14
tpunto1 : = 1.0003655819804
tduepunti0 : = -2.4982090418876E+14
v=v_elettrone : = 2856457.078819
x0= : -7.8008980368591E-13
y0= : -4.5634659768569E-12
*****
i=33390
k(33390)=0.99999501936181
kQ(33390)=0.99999003874842
r1= : 4.6298834495166E-12
rpunto1: = 946187.03684819
rduepunti0 : = -1.0243573754038E+25
fil : = 488.34848819591
fipunto1 : = 5.8191285341234E+17
fi_gradi : = 27980.30730522
t1 : = 1.0809358890248E-14
tpunto1 : = 1.0003655527202
tduepunti0 : = -2.494924994088E+14
v=v_elettrone : = 2855997.213352
x0= : -7.79797071588E-13
y0= : -4.5636288693363E-12
*****
i=33391
k(33391)=0.99999503200087
kQ(33391)=0.99999006402641
r1= : 4.6299944170959E-12
rpunto1: = 944985.73713086
rduepunti0 : = -1.0243119898487E+25
fil : = 488.34855644189
fipunto1 : = 5.8188495920661E+17
fi_gradi : = 27980.311215427
t1 : = 1.080935900757E-14
tpunto1 : = 1.0003655234986
tduepunti0 : = -2.4916415514925E+14
v=v_elettrone : = 2855537.8782285
x0= : -7.7950431213591E-13
y0= : -4.5637916016695E-12
*****
i=33392
k(33392)=0.99999504462331
kQ(33392)=0.99999008927117
r1= : 4.6301052437884E-12
rpunto1: = 943784.49057011
rduepunti0 : = -1.0242666648348E+25
fil : = 488.3486246846
fipunto1 : = 5.8185710241906E+17
fi_gradi : = 27980.315125446
t1 : = 1.0809359124891E-14
tpunto1 : = 1.0003654943154
tduepunti0 : = -2.4883587132422E+14
v=v_elettrone : = 2855079.0736285
x0= : -7.7921152534194E-13
y0= : -4.5639541738621E-12
```

```
*****
i=33393
k(33393)=0.99999505722914
kQ(33393)=0.9999901144827
r1= : 4.6302159296002E-12
rpunto1: = 942583.29709496
rduepunti0 : = -1.0242214003481E+25
fil : = 488.34869292404
fipunto1 : = 5.8182928304029E+17
fi_gradi : = 27980.319035278
t1 : = 1.0809359242213E-14
tpunto1 : = 1.0003654651708
tduepunti0 : = -2.4850764784788E+14
v=v_elettrone : = 2854620.7997599
x0= : -7.789187112184E-13
y0= : -4.56411658592E-12
*****
i=33394
k(33394)=0.99999506981835
kQ(33394)=0.99999013966102
r1= : 4.6303264745377E-12
rpunto1: = 941382.15663443
rduepunti0 : = -1.0241761963743E+25
fil : = 488.34876116022
fipunto1 : = 5.8180150106093E+17
fi_gradi : = 27980.322944923
t1 : = 1.0809359359535E-14
tpunto1 : = 1.0003654360646
tduepunti0 : = -2.4817948463444E+14
v=v_elettrone : = 2854163.0567788
x0= : -7.7862586977756E-13
y0= : -4.5642788378491E-12
*****
i=33395
k(33395)=0.99999508239097
kQ(33395)=0.99999016480612
r1= : 4.6304368786069E-12
rpunto1: = 940181.06911759
rduepunti0 : = -1.0241310528993E+25
fil : = 488.34882939313
fipunto1 : = 5.8177375647162E+17
fi_gradi : = 27980.326854381
t1 : = 1.0809359476856E-14
tpunto1 : = 1.0003654069969
tduepunti0 : = -2.4785138159815E+14
v=v_elettrone : = 2853705.8470104
x0= : -7.7833300103171E-13
y0= : -4.5644409296549E-12
*****
i=33396
k(33396)=0.99999509494698
kQ(33396)=0.99999018991801
r1= : 4.6305471418142E-12
rpunto1: = 938980.03447349
rduepunti0 : = -1.0240859699089E+25
fil : = 488.3488976228
fipunto1 : = 5.81746049263E+17
fi_gradi : = 27980.330763653
t1 : = 1.0809359594178E-14
tpunto1 : = 1.0003653779677
tduepunti0 : = -2.4752333865329E+14
v=v_elettrone : = 2853249.1685121
x0= : -7.7804010499286E-13
y0= : -4.5646028613435E-12
```

```
*****
i=33397
k(33397)=0.99999510748638
kQ(33397)=0.9999902149967
r1= : 4.6306572641657E-12
rpunto1 : = 937779.05263121
rduepunti0 : = -1.0240409473891E+25
fil : = 488.34896584922
fipunto1 : = 5.8171837942573E+17
fi_gradi : = 27980.334672739
t1 : = 1.0809359711499E-14
tpunto1 : = 1.000365348977
tduepunti0 : = -2.471953557142E+14
v=v_elettrone : = 2852793.0193573
x0= : -7.7774718167327E-13
y0= : -4.5647646329206E-12
*****
i=33398
k(33398)=0.99999512000919
kQ(33398)=0.9999902400422
r1= : 4.6307672456676E-12
rpunto1 : = 936578.12351985
rduepunti0 : = -1.0239959853257E+25
fil : = 488.34903407239
fipunto1 : = 5.8169074695051E+17
fi_gradi : = 27980.338581638
t1 : = 1.0809359828821E-14
tpunto1 : = 1.0003653200247
tduepunti0 : = -2.4686743269522E+14
v=v_elettrone : = 2852337.4039587
x0= : -7.7745423108545E-13
y0= : -4.5649262443919E-12
*****
i=33399
k(33399)=0.99999513251541
kQ(33399)=0.99999026505451
r1= : 4.6308770863262E-12
rpunto1 : = 935377.24706852
rduepunti0 : = -1.0239510837047E+25
fil : = 488.34910229232
fipunto1 : = 5.8166315182801E+17
fi_gradi : = 27980.342490352
t1 : = 1.0809359946142E-14
tpunto1 : = 1.0003652911108
tduepunti0 : = -2.4653956951079E+14
v=v_elettrone : = 2851882.3203952
x0= : -7.7716125324139E-13
y0= : -4.5650876957632E-12
*****
i=33400
k(33400)=0.99999514500503
kQ(33400)=0.99999029003363
r1= : 4.6309867861475E-12
rpunto1 : = 934176.42320636
rduepunti0 : = -1.0239062425121E+25
fil : = 488.34917050901
fipunto1 : = 5.8163559404894E+17
fi_gradi : = 27980.346398881
t1 : = 1.0809360063464E-14
tpunto1 : = 1.0003652622354
tduepunti0 : = -2.4621176607532E+14
v=v_elettrone : = 2851427.7688436
x0= : -7.7686824815333E-13
y0= : -4.5652489870402E-12
```

```
*****
i=33401
k(33401)=0.99999515747806
kQ(33401)=0.99999031497957
r1= : 4.6310963451377E-12
rpunto1: = 932975.65186252
rduepunti0 : = -1.0238614617337E+25
fil : = 488.34923872248
fipunto1 : = 5.8160807360402E+17
fi_gradi : = 27980.350307225
t1 : = 1.0809360180785E-14
tpunto1 : = 1.0003652333985
tduepunti0 : = -2.4588402230332E+14
v=v_elettrone : = 2850973.7494892
x0= : -7.765752158335E-13
y0= : -4.5654101182288E-12
*****
i=33402
k(33402)=0.99999516993451
kQ(33402)=0.99999033989234
r1= : 4.6312057633031E-12
rpunto1: = 931774.93296614
rduepunti0 : = -1.0238167413557E+25
fil : = 488.34930693271
fipunto1 : = 5.8158059048399E+17
fi_gradi : = 27980.354215383
t1 : = 1.0809360298107E-14
tpunto1 : = 1.0003652046
tduepunti0 : = -2.455563381093E+14
v=v_elettrone : = 2850520.2646423
x0= : -7.7628215629412E-13
y0= : -4.5655710893345E-12
*****
i=33403
k(33403)=0.99999518237437
kQ(33403)=0.99999036477194
r1= : 4.6313150406497E-12
rpunto1: = 930574.26644642
rduepunti0 : = -1.023772081364E+25
fil : = 488.34937513972
fipunto1 : = 5.8155314467958E+17
fi_gradi : = 27980.358123357
t1 : = 1.0809360415428E-14
tpunto1 : = 1.0003651758399
tduepunti0 : = -2.4522871340782E+14
v=v_elettrone : = 2850067.3102462
x0= : -7.7598906954714E-13
y0= : -4.5657319003633E-12
*****
i=33404
k(33404)=0.99999519479765
kQ(33404)=0.99999038961839
r1= : 4.6314241771837E-12
rpunto1: = 929373.65223256
rduepunti0 : = -1.0237274817446E+25
fil : = 488.34944334352
fipunto1 : = 5.8152573618156E+17
fi_gradi : = 27980.362031147
t1 : = 1.080936053275E-14
tpunto1 : = 1.0003651471182
tduepunti0 : = -2.4490114811348E+14
v=v_elettrone : = 2849614.8885983
x0= : -7.7569595560502E-13
y0= : -4.5658925513207E-12
```

```
*****
i=33405
k(33405)=0.99999520720435
kQ(33405)=0.99999041443167
r1= : 4.6315331729113E-12
rpunto1: = 928173.09025375
rduepunti0 : = -1.0236829424837E+25
fil : = 488.34951154409
fipunto1 : = 5.8149836498071E+17
fi_gradi : = 27980.365938752
t1 : = 1.0809360650071E-14
tpunto1 : = 1.0003651184349
tduepunti0 : = -2.4457364214094E+14
v=v_elettrone : = 2849162.9998908
x0= : -7.7540281447998E-13
y0= : -4.5660530422125E-12
*****
i=33406
k(33406)=0.99999521959448
kQ(33406)=0.9999904392118
r1= : 4.6316420278385E-12
rpunto1: = 926972.58043924
rduepunti0 : = -1.0236384635673E+25
fil : = 488.34957974146
fipunto1 : = 5.814710310678E+17
fi_gradi : = 27980.369846173
t1 : = 1.0809360767393E-14
tpunto1 : = 1.00036508979
tduepunti0 : = -2.4424619540486E+14
v=v_elettrone : = 2848711.6443083
x0= : -7.7510964618418E-13
y0= : -4.5662133730444E-12
*****
i=33407
k(33407)=0.99999523196803
kQ(33407)=0.99999046395879
r1= : 4.6317507419715E-12
rpunto1: = 925772.12271826
rduepunti0 : = -1.0235940449814E+25
fil : = 488.34964793563
fipunto1 : = 5.8144373443363E+17
fi_gradi : = 27980.373753411
t1 : = 1.0809360884715E-14
tpunto1 : = 1.0003650611835
tduepunti0 : = -2.4391880781996E+14
v=v_elettrone : = 2848260.8220317
x0= : -7.7481645072982E-13
y0= : -4.5663735438221E-12
*****
i=33408
k(33408)=0.99999524432501
kQ(33408)=0.99999048867264
r1= : 4.6318593153163E-12
rpunto1: = 924571.71702009
rduepunti0 : = -1.0235496867123E+25
fil : = 488.34971612659
fipunto1 : = 5.8141647506904E+17
fi_gradi : = 27980.377660465
t1 : = 1.0809361002036E-14
tpunto1 : = 1.0003650326155
tduepunti0 : = -2.43591479301E+14
v=v_elettrone : = 2847810.5332463
x0= : -7.7452322812907E-13
y0= : -4.5665335545512E-12
```



```
*****
i=33409
k(33409)=0.99999525666543
kQ(33409)=0.99999051335336
r1= : 4.6319677478792E-12
rpunto1 : = 923371.36327399
rduepunti0 : = -1.023505388746E+25
fil : = 488.34978431435
fipunto1 : = 5.8138925296483E+17
fi_gradi : = 27980.381567336
t1 : = 1.0809361119358E-14
tpunto1 : = 1.0003650040857
tduepunti0 : = -2.4326420976278E+14
v=v_elettrone : = 2847360.7781376
x0= : -7.7422997839409E-13
y0= : -4.5666934052374E-12
*****
i=33410
k(33410)=0.99999526898928
kQ(33410)=0.99999053800095
r1= : 4.6320760396661E-12
rpunto1 : = 922171.06140926
rduepunti0 : = -1.0234611510687E+25
fil : = 488.34985249892
fipunto1 : = 5.8136206811185E+17
fi_gradi : = 27980.385474025
t1 : = 1.0809361236679E-14
tpunto1 : = 1.0003649755944
tduepunti0 : = -2.4293699912012E+14
v=v_elettrone : = 2846911.5547717
x0= : -7.7393670153703E-13
y0= : -4.5668530958864E-12
*****
i=33411
k(33411)=0.99999528129657
kQ(33411)=0.99999056261541
r1= : 4.6321841906833E-12
rpunto1 : = 920970.8113552
rduepunti0 : = -1.0234169736666E+25
fil : = 488.34992068031
fipunto1 : = 5.8133492050095E+17
fi_gradi : = 27980.38938053
t1 : = 1.0809361354001E-14
tpunto1 : = 1.0003649471414
tduepunti0 : = -2.4260984728791E+14
v=v_elettrone : = 2846462.8675607
x0= : -7.7364339757032E-13
y0= : -4.5670126265038E-12
*****
i=33412
k(33412)=0.99999529358731
kQ(33412)=0.99999058719676
r1= : 4.6322922009366E-12
rpunto1 : = 919770.61304116
rduepunti0 : = -1.0233728565259E+25
fil : = 488.34998885851
fipunto1 : = 5.8130781012302E+17
fi_gradi : = 27980.393286853
t1 : = 1.0809361471322E-14
tpunto1 : = 1.0003649187268
tduepunti0 : = -2.4228275418106E+14
v=v_elettrone : = 2846014.7124658
x0= : -7.7335006650582E-13
y0= : -4.5671719970953E-12
```

```
*****
i=33413
k(33413)=0.99999530586148
kQ(33413)=0.999990611745
r1= : 4.6324000704323E-12
rpunto1 : = 918570.46639646
rduepunti0 : = -1.0233287996328E+25
fil : = 488.35005703353
fipunto1 : = 5.8128073696891E+17
fi_gradi : = 27980.397192994
t1 : = 1.0809361588643E-14
tpunto1 : = 1.0003648903506
tduepunti0 : = -2.4195571971451E+14
v=v_elettrone : = 2845567.0917756
x0= : -7.7305670835593E-13
y0= : -4.5673312076665E-12
*****
i=33414
k(33414)=0.99999531811911
kQ(33414)=0.99999063626013
r1= : 4.6325077991763E-12
rpunto1 : = 917370.37135047
rduepunti0 : = -1.0232848029735E+25
fil : = 488.35012520537
fipunto1 : = 5.8125370102954E+17
fi_gradi : = 27980.401098953
t1 : = 1.0809361705965E-14
tpunto1 : = 1.0003648620127
tduepunti0 : = -2.4162874380325E+14
v=v_elettrone : = 2845120.005688
x0= : -7.7276332313277E-13
y0= : -4.567490258223E-12
*****
i=33415
k(33415)=0.99999533036018
kQ(33415)=0.99999066074217
r1= : 4.6326153871748E-12
rpunto1 : = 916170.32783257
rduepunti0 : = -1.0232408665343E+25
fil : = 488.35019337405
fipunto1 : = 5.8122670229581E+17
fi_gradi : = 27980.405004731
t1 : = 1.0809361823286E-14
tpunto1 : = 1.0003648337131
tduepunti0 : = -2.4130182636232E+14
v=v_elettrone : = 2844673.4543743
x0= : -7.7246991084847E-13
y0= : -4.5676491487704E-12
*****
i=33416
k(33416)=0.99999534258471
kQ(33416)=0.99999068519111
r1= : 4.6327228344337E-12
rpunto1 : = 914970.33577213
rduepunti0 : = -1.0231969903015E+25
fil : = 488.35026153956
fipunto1 : = 5.8119974075864E+17
fi_gradi : = 27980.408910326
t1 : = 1.0809361940608E-14
tpunto1 : = 1.0003648054519
tduepunti0 : = -2.4097496730677E+14
v=v_elettrone : = 2844227.4380274
x0= : -7.7217647151512E-13
y0= : -4.5678078793144E-12
```

```
*****
i=33417
k(33417)=0.99999535479269
kQ(33417)=0.99999070960695
r1= : 4.6328301409591E-12
rpunto1: = 913770.39509858
rduepunti0 : = -1.0231531742614E+25
fil : = 488.3503297019
fipunto1 : = 5.8117281640898E+17
fi_gradi : = 27980.412815741
t1 : = 1.0809362057929E-14
tpunto1 : = 1.000364777229
tduepunti0 : = -2.4064816655171E+14
v=v_elettrone : = 2843781.9547054
x0= : -7.7188300514484E-13
y0= : -4.5679664498606E-12
*****
i=33418
k(33418)=0.99999536698413
kQ(33418)=0.99999073398972
r1= : 4.632937306757E-12
rpunto1: = 912570.50574132
rduepunti0 : = -1.0231094184003E+25
fil : = 488.35039786109
fipunto1 : = 5.8114592923776E+17
fi_gradi : = 27980.416720975
t1 : = 1.0809362175251E-14
tpunto1 : = 1.0003647490444
tduepunti0 : = -2.4032142401229E+14
v=v_elettrone : = 2843337.0067039
x0= : -7.7158951174996E-13
y0= : -4.5681248604144E-12
*****
i=33419
k(33419)=0.99999537915903
kQ(33419)=0.99999075833941
r1= : 4.6330443318335E-12
rpunto1: = 911370.66762981
rduepunti0 : = -1.0230657227045E+25
fil : = 488.35046601713
fipunto1 : = 5.8111907923595E+17
fi_gradi : = 27980.420626028
t1 : = 1.0809362292572E-14
tpunto1 : = 1.0003647208981
tduepunti0 : = -2.3999473960368E+14
v=v_elettrone : = 2842892.5942227
x0= : -7.7129599134258E-13
y0= : -4.5682831109816E-12
*****
i=33420
k(33420)=0.99999539131739
kQ(33420)=0.99999078265602
r1= : 4.6331512161946E-12
rpunto1: = 910170.88069349
rduepunti0 : = -1.0230220871604E+25
fil : = 488.35053417001
fipunto1 : = 5.8109226639454E+17
fi_gradi : = 27980.424530901
t1 : = 1.0809362409894E-14
tpunto1 : = 1.0003646927902
tduepunti0 : = -2.396681132411E+14
v=v_elettrone : = 2842448.715313
x0= : -7.7100244393477E-13
y0= : -4.5684412015677E-12
```

```
*****
i=33421
k(33421)=0.99999540345922
kQ(33421)=0.99999080693957
r1= : 4.6332579598462E-12
rpunto1: = 908971.14486184
rduepunti0 : = -1.0229785117544E+25
fil : = 488.35060231975
fipunto1 : = 5.810654907045E+17
fi_gradi : = 27980.428435594
t1 : = 1.0809362527215E-14
tpunto1 : = 1.0003646647205
tduepunti0 : = -2.393415448398E+14
v=v_elettrone : = 2842005.3722763
x0= : -7.7070886953887E-13
y0= : -4.5685991321782E-12
*****
i=33422
k(33422)=0.99999541558452
kQ(33422)=0.99999083119006
r1= : 4.6333645627943E-12
rpunto1: = 907771.46006435
rduepunti0 : = -1.0229349964729E+25
fil : = 488.35067046635
fipunto1 : = 5.8103875215685E+17
fi_gradi : = 27980.432340106
t1 : = 1.0809362644537E-14
tpunto1 : = 1.0003646366891
tduepunti0 : = -2.3901503431509E+14
v=v_elettrone : = 2841562.5653057
x0= : -7.7041526816692E-13
y0= : -4.5687569028186E-12
*****
i=33423
k(33423)=0.99999542769329
kQ(33423)=0.99999085540749
r1= : 4.633471025045E-12
rpunto1: = 906571.82623051
rduepunti0 : = -1.0228915413023E+25
fil : = 488.35073860982
fipunto1 : = 5.8101205074259E+17
fi_gradi : = 27980.436244439
t1 : = 1.0809362761858E-14
tpunto1 : = 1.0003646086961
tduepunti0 : = -2.386885815823E+14
v=v_elettrone : = 2841120.2924566
x0= : -7.7012163983099E-13
y0= : -4.5689145134946E-12
*****
i=33424
k(33424)=0.99999543978554
kQ(33424)=0.99999087959187
r1= : 4.6335773466042E-12
rpunto1: = 905372.24328984
rduepunti0 : = -1.0228481462291E+25
fil : = 488.35080675015
fipunto1 : = 5.8098538645277E+17
fi_gradi : = 27980.440148593
t1 : = 1.080936287918E-14
tpunto1 : = 1.0003645807413
tduepunti0 : = -2.3836218655678E+14
v=v_elettrone : = 2840678.5560297
x0= : -7.6982798454338E-13
y0= : -4.5690719642117E-12
```

```
*****
i=33425
k(33425)=0.99999545186126
kQ(33425)=0.99999090374321
r1= : 4.6336835274778E-12
rpunto1 : = 904172.71117189
rduepunti0 : = -1.0228048112396E+25
fil : = 488.35087488736
fipunto1 : = 5.8095875927843E+17
fi_gradi : = 27980.444052567
t1 : = 1.0809362996501E-14
tpunto1 : = 1.0003645528247
tduepunti0 : = -2.3803584915396E+14
v=v_elettrone : = 2840237.3562179
x0= : -7.6953430231612E-13
y0= : -4.5692292549753E-12
*****
i=33426
k(33426)=0.99999546392047
kQ(33426)=0.99999092786151
r1= : 4.633789567672E-12
rpunto1 : = 902973.22980619
rduepunti0 : = -1.0227615363205E+25
fil : = 488.35094302145
fipunto1 : = 5.8093216921062E+17
fi_gradi : = 27980.447956363
t1 : = 1.0809363113823E-14
tpunto1 : = 1.0003645249465
tduepunti0 : = -2.3770956928928E+14
v=v_elettrone : = 2839796.6910675
x0= : -7.6924059316125E-13
y0= : -4.569386385791E-12
*****
i=33427
k(33427)=0.99999547596315
kQ(33427)=0.99999095194677
r1= : 4.6338954671925E-12
rpunto1 : = 901773.79912232
rduepunti0 : = -1.0227183214581E+25
fil : = 488.35101115241
fipunto1 : = 5.8090561624041E+17
fi_gradi : = 27980.451859979
t1 : = 1.0809363231144E-14
tpunto1 : = 1.0003644971064
tduepunti0 : = -2.3738334687822E+14
v=v_elettrone : = 2839356.5607654
x0= : -7.6894685709104E-13
y0= : -4.5695433566643E-12
*****
i=33428
k(33428)=0.99999548798933
kQ(33428)=0.99999097599901
r1= : 4.6340012260453E-12
rpunto1 : = 900574.41904986
rduepunti0 : = -1.0226751666391E+25
fil : = 488.35107928026
fipunto1 : = 5.8087910035889E+17
fi_gradi : = 27980.455763418
t1 : = 1.0809363348465E-14
tpunto1 : = 1.0003644693047
tduepunti0 : = -2.3705718183631E+14
v=v_elettrone : = 2838916.9697509
x0= : -7.6865309411777E-13
y0= : -4.5697001676007E-12
```

```
*****
i=33429
k(33429)=0.99999549999899
kQ(33429)=0.99999100001822
r1= : 4.6341068442364E-12
rpunto1: = 899375.0895184
rduepunti0 : = -1.0226320718499E+25
fil : = 488.351147405
fipunto1 : = 5.8085262155717E+17
fi_gradi : = 27980.459666678
t1 : = 1.0809363465787E-14
tpunto1 : = 1.0003644415412
tduepunti0 : = -2.3673107407909E+14
v=v_elettrone : = 2838477.9118213
x0= : -7.6835930425318E-13
y0= : -4.5698568186057E-12
*****
i=33430
k(33430)=0.99999551199214
kQ(33430)=0.99999102400442
r1= : 4.6342123217717E-12
rpunto1: = 898175.81045757
rduepunti0 : = -1.0225890370771E+25
fil : = 488.35121552664
fipunto1 : = 5.8082617982634E+17
fi_gradi : = 27980.46356976
t1 : = 1.0809363583108E-14
tpunto1 : = 1.0003644138159
tduepunti0 : = -2.3640502352217E+14
v=v_elettrone : = 2838039.3935392
x0= : -7.6806548750979E-13
y0= : -4.5700133096847E-12
*****
i=33431
k(33431)=0.99999552396878
kQ(33431)=0.9999910479576
r1= : 4.6343176586572E-12
rpunto1: = 896976.58179698
rduepunti0 : = -1.0225460623074E+25
fil : = 488.35128364518
fipunto1 : = 5.8079977515753E+17
fi_gradi : = 27980.467472665
t1 : = 1.080936370043E-14
tpunto1 : = 1.0003643861289
tduepunti0 : = -2.3607903008118E+14
v=v_elettrone : = 2837601.4087041
x0= : -7.6777164389933E-13
y0= : -4.5701696408432E-12
*****
i=33432
k(33432)=0.99999553592893
kQ(33432)=0.99999107187778
r1= : 4.6344228548986E-12
rpunto1: = 895777.40346628
rduepunti0 : = -1.0225031475273E+25
fil : = 488.35135176062
fipunto1 : = 5.8077340754189E+17
fi_gradi : = 27980.471375392
t1 : = 1.0809363817751E-14
tpunto1 : = 1.00036435848
tduepunti0 : = -2.357530936718E+14
v=v_elettrone : = 2837163.9617523
x0= : -7.674777734343E-13
y0= : -4.5703258120867E-12
```

```
*****
i=33433
k(33433)=0.99999554787257
kQ(33433)=0.99999109576495
r1= : 4.634527910502E-12
rpunto1: = 894578.27539514
rduepunti0 : = -1.0224602927234E+25
fil : = 488.35141987296
fipunto1 : = 5.8074707697057E+17
fi_gradi : = 27980.475277942
t1 : = 1.0809363935073E-14
tpunto1 : = 1.0003643308695
tduepunti0 : = -2.3542721420972E+14
v=v_elettrone : = 2836727.0528723
x0= : -7.6718387612668E-13
y0= : -4.5704818234206E-12
*****
i=33434
k(33434)=0.99999555979971
kQ(33434)=0.99999111961913
r1= : 4.6346328254732E-12
rpunto1: = 893379.19751323
rduepunti0 : = -1.0224174978824E+25
fil : = 488.35148798222
fipunto1 : = 5.8072078343473E+17
fi_gradi : = 27980.479180315
t1 : = 1.0809364052394E-14
tpunto1 : = 1.0003643032971
tduepunti0 : = -2.351013916107E+14
v=v_elettrone : = 2836290.6801065
x0= : -7.6688995198843E-13
y0= : -4.5706376748503E-12
*****
i=33435
k(33435)=0.99999557171036
kQ(33435)=0.99999114344032
r1= : 4.6347375998182E-12
rpunto1: = 892180.16975024
rduepunti0 : = -1.0223747629909E+25
fil : = 488.35155608839
fipunto1 : = 5.8069452692554E+17
fi_gradi : = 27980.483082511
t1 : = 1.0809364169715E-14
tpunto1 : = 1.0003642757629
tduepunti0 : = -2.3477562579052E+14
v=v_elettrone : = 2835854.8457826
x0= : -7.6659600103177E-13
y0= : -4.5707933663814E-12
*****
i=33436
k(33436)=0.99999558360451
kQ(33436)=0.99999116722853
r1= : 4.6348422335427E-12
rpunto1: = 890981.19203588
rduepunti0 : = -1.0223320880356E+25
fil : = 488.35162419149
fipunto1 : = 5.8066830743421E+17
fi_gradi : = 27980.486984531
t1 : = 1.0809364287037E-14
tpunto1 : = 1.0003642482669
tduepunti0 : = -2.34449916665E+14
v=v_elettrone : = 2835419.5457941
x0= : -7.6630202326865E-13
y0= : -4.5709488980192E-12
```

```
*****
i=33437
k(33437)=0.99999559548218
kQ(33437)=0.99999119098376
r1= : 4.6349467266527E-12
rpunto1: = 889782.26429987
rduepunti0 : = -1.0222894730033E+25
fil : = 488.35169229151
fipunto1 : = 5.8064212495193E+17
fi_gradi : = 27980.490886375
t1 : = 1.0809364404358E-14
tpunto1 : = 1.0003642208091
tduepunti0 : = -2.3412426414999E+14
v=v_elettrone : = 2834984.7867426
x0= : -7.6600801871153E-13
y0= : -4.571104269769E-12
*****
i=33438
k(33438)=0.99999560734336
kQ(33438)=0.99999121470601
r1= : 4.635051079154E-12
rpunto1: = 888583.38647196
rduepunti0 : = -1.0222469178806E+25
fil : = 488.35176038846
fipunto1 : = 5.8061597946994E+17
fi_gradi : = 27980.494788043
t1 : = 1.080936452168E-14
tpunto1 : = 1.0003641933895
tduepunti0 : = -2.3379866816139E+14
v=v_elettrone : = 2834550.5623987
x0= : -7.6571398737208E-13
y0= : -4.5712594816365E-12
*****
i=33439
k(33439)=0.99999561918805
kQ(33439)=0.99999123839529
r1= : 4.6351552910525E-12
rpunto1: = 887384.55848189
rduepunti0 : = -1.0222044226544E+25
fil : = 488.35182848234
fipunto1 : = 5.8058987097945E+17
fi_gradi : = 27980.498689535
t1 : = 1.0809364639001E-14
tpunto1 : = 1.0003641660081
tduepunti0 : = -2.3347312861514E+14
v=v_elettrone : = 2834116.8772094
x0= : -7.6541992926276E-13
y0= : -4.5714145336268E-12
*****
i=33440
k(33440)=0.99999563101626
kQ(33440)=0.99999126205161
r1= : 4.635259362354E-12
rpunto1: = 886185.78025944
rduepunti0 : = -1.0221619873112E+25
fil : = 488.35189657317
fipunto1 : = 5.8056379947171E+17
fi_gradi : = 27980.502590852
t1 : = 1.0809364756322E-14
tpunto1 : = 1.0003641386648
tduepunti0 : = -2.3314764542719E+14
v=v_elettrone : = 2833683.7313602
x0= : -7.6512584439548E-13
y0= : -4.5715694257454E-12
```



```
*****
i=33441
k(33441)=0.99999564282799
kQ(33441)=0.99999128567497
r1= : 4.6353632930643E-12
rpunto1: = 884987.05173439
rduepunti0 : = -1.0221196118381E+25
fil : = 488.35196466093
fipunto1 : = 5.8053776493799E+17
fi_gradi : = 27980.506491993
t1 : = 1.0809364873644E-14
tpunto1 : = 1.0003641113598
tduepunti0 : = -2.3282221851355E+14
v=v_elettrone : = 2833251.1207625
x0= : -7.6483173278216E-13
y0= : -4.5717241579977E-12
*****
i=33442
k(33442)=0.99999565462325
kQ(33442)=0.99999130926538
r1= : 4.6354670831894E-12
rpunto1: = 883788.37283654
rduepunti0 : = -1.0220772962216E+25
fil : = 488.35203274564
fipunto1 : = 5.8051176736956E+17
fi_gradi : = 27980.51039296
t1 : = 1.0809364990965E-14
tpunto1 : = 1.0003640840928
tduepunti0 : = -2.3249684779026E+14
v=v_elettrone : = 2832819.049864
x0= : -7.6453759443521E-13
y0= : -4.571878730389E-12
*****
i=33443
k(33443)=0.99999566640203
kQ(33443)=0.99999133282284
r1= : 4.6355707327349E-12
rpunto1: = 882589.74349571
rduepunti0 : = -1.0220350404488E+25
fil : = 488.3521008273
fipunto1 : = 5.8048580675769E+17
fi_gradi : = 27980.514293752
t1 : = 1.0809365108287E-14
tpunto1 : = 1.0003640568641
tduepunti0 : = -2.3217153317341E+14
v=v_elettrone : = 2832387.5167135
x0= : -7.6424342936654E-13
y0= : -4.5720331429247E-12
*****
i=33444
k(33444)=0.99999567816434
kQ(33444)=0.99999135634736
r1= : 4.6356742417068E-12
rpunto1: = 881391.16364173
rduepunti0 : = -1.0219928445064E+25
fil : = 488.35216890592
fipunto1 : = 5.804598830937E+17
fi_gradi : = 27980.518194369
t1 : = 1.0809365225608E-14
tpunto1 : = 1.0003640296734
tduepunti0 : = -2.3184627457911E+14
v=v_elettrone : = 2831956.5214882
x0= : -7.6394923758829E-13
y0= : -4.5721873956102E-12
```

```
*****
i=33445
k(33445)=0.99999568991019
kQ(33445)=0.99999137983895
r1= : 4.6357776101108E-12
rpunto1: = 880192.63320445
rduepunti0 : = -1.0219507083812E+25
fil : = 488.35223698149
fipunto1 : = 5.804339963689E+17
fi_gradi : = 27980.522094812
t1 : = 1.0809365342929E-14
tpunto1 : = 1.0003640025209
tduepunti0 : = -2.315210719235E+14
v=v_elettrone : = 2831526.0665031
x0= : -7.636550191126E-13
y0= : -4.5723414884507E-12
*****
i=33446
k(33446)=0.99999570163956
kQ(33446)=0.9999914032976
r1= : 4.6358808379527E-12
rpunto1: = 878994.15211372
rduepunti0 : = -1.0219086320602E+25
fil : = 488.35230505404
fipunto1 : = 5.804081465746E+17
fi_gradi : = 27980.525995082
t1 : = 1.0809365460251E-14
tpunto1 : = 1.0003639754066
tduepunti0 : = -2.3119592512279E+14
v=v_elettrone : = 2831096.1498076
x0= : -7.6336077395135E-13
y0= : -4.5724954214517E-12
*****
i=33447
k(33447)=0.99999571335248
kQ(33447)=0.99999142672333
r1= : 4.6359839252383E-12
rpunto1: = 877795.72029944
rduepunti0 : = -1.0218666155303E+25
fil : = 488.35237312354
fipunto1 : = 5.8038233370215E+17
fi_gradi : = 27980.529895177
t1 : = 1.0809365577572E-14
tpunto1 : = 1.0003639483304
tduepunti0 : = -2.3087083409318E+14
v=v_elettrone : = 2830666.7715758
x0= : -7.6306650211666E-13
y0= : -4.5726491946184E-12
*****
i=33448
k(33448)=0.99999572504893
kQ(33448)=0.99999145011613
r1= : 4.6360868719734E-12
rpunto1: = 876597.33769148
rduepunti0 : = -1.0218246587784E+25
fil : = 488.35244119003
fipunto1 : = 5.8035655774291E+17
fi_gradi : = 27980.533795099
t1 : = 1.0809365694894E-14
tpunto1 : = 1.0003639212922
tduepunti0 : = -2.3054579875094E+14
v=v_elettrone : = 2830237.9319918
x0= : -7.6277220362065E-13
y0= : -4.5728028079561E-12
```

```
*****
i=33449
k(33449)=0.99999573672892
kQ(33449)=0.99999147347602
r1= : 4.6361896781637E-12
rpunto1 : = 875399.00421976
rduepunti0 : = -1.0217827617914E+25
fil : = 488.35250925348
fipunto1 : = 5.8033081868823E+17
fi_gradi : = 27980.537694848
t1 : = 1.0809365812215E-14
tpunto1 : = 1.0003638942922
tduepunti0 : = -2.3022081901238E+14
v=v_elettrone : = 2829809.6312326
x0= : -7.6247787847543E-13
y0= : -4.5729562614702E-12
*****
i=33450
k(33450)=0.99999574839246
kQ(33450)=0.999991496803
r1= : 4.6362923438151E-12
rpunto1 : = 874200.71981421
rduepunti0 : = -1.0217409245563E+25
fil : = 488.35257731392
fipunto1 : = 5.803051165295E+17
fi_gradi : = 27980.541594424
t1 : = 1.0809365929536E-14
tpunto1 : = 1.0003638673304
tduepunti0 : = -2.2989589479381E+14
v=v_elettrone : = 2829381.871618
x0= : -7.6218352669309E-13
y0= : -4.5731095551659E-12
*****
i=33451
k(33451)=0.99999576003955
kQ(33451)=0.99999152009708
r1= : 4.6363948689332E-12
rpunto1 : = 873002.48440475
rduepunti0 : = -1.0216991470601E+25
fil : = 488.35264537135
fipunto1 : = 5.8027945125811E+17
fi_gradi : = 27980.545493827
t1 : = 1.0809366046858E-14
tpunto1 : = 1.0003638404066
tduepunti0 : = -2.2957102601162E+14
v=v_elettrone : = 2828954.6490481
x0= : -7.6188914828548E-13
y0= : -4.5732626890485E-12
*****
i=33452
k(33452)=0.99999577167019
kQ(33452)=0.99999154335826
r1= : 4.6364972535238E-12
rpunto1 : = 871804.29792136
rduepunti0 : = -1.0216574292898E+25
fil : = 488.35271342577
fipunto1 : = 5.8025382286547E+17
fi_gradi : = 27980.549393058
t1 : = 1.0809366164179E-14
tpunto1 : = 1.0003638135209
tduepunti0 : = -2.2924621258221E+14
v=v_elettrone : = 2828527.9679851
x0= : -7.6159474326494E-13
y0= : -4.5734156631233E-12
```

```
*****
i=33453
k(33453)=0.99999578328438
kQ(33453)=0.99999156658654
r1= : 4.6365994975927E-12
rpunto1: = 870606.16029398
rduepunti0 : = -1.0216157712324E+25
fil : = 488.35278147718
fipunto1 : = 5.8022823134299E+17
fi_gradi : = 27980.553292117
t1 : = 1.08093662815E-14
tpunto1 : = 1.0003637866733
tduepunti0 : = -2.2892145442202E+14
v=v_elettrone : = 2828101.8264628
x0= : -7.613003116433E-13
y0= : -4.5735684773955E-12
*****
i=33454
k(33454)=0.99999579488212
kQ(33454)=0.99999158978193
r1= : 4.6367016011456E-12
rpunto1: = 869408.07145262
rduepunti0 : = -1.021574172875E+25
fil : = 488.35284952559
fipunto1 : = 5.8020267668211E+17
fi_gradi : = 27980.557191003
t1 : = 1.0809366398822E-14
tpunto1 : = 1.0003637598637
tduepunti0 : = -2.2859675144752E+14
v=v_elettrone : = 2827676.224663
x0= : -7.6100585343261E-13
y0= : -4.5737211318705E-12
*****
i=33455
k(33455)=0.99999580646343
kQ(33455)=0.99999161294444
r1= : 4.6368035641882E-12
rpunto1: = 868210.03132727
rduepunti0 : = -1.0215326342046E+25
fil : = 488.352917571
fipunto1 : = 5.8017715887427E+17
fi_gradi : = 27980.561089718
t1 : = 1.0809366516143E-14
tpunto1 : = 1.0003637330923
tduepunti0 : = -2.2827210357524E+14
v=v_elettrone : = 2827251.1627647
x0= : -7.6071136864495E-13
y0= : -4.5738736265534E-12
*****
i=33456
k(33456)=0.99999581802829
kQ(33456)=0.99999163607407
r1= : 4.6369053867262E-12
rpunto1: = 867012.03984794
rduepunti0 : = -1.0214911552083E+25
fil : = 488.35298561342
fipunto1 : = 5.8015167791093E+17
fi_gradi : = 27980.564988262
t1 : = 1.0809366633465E-14
tpunto1 : = 1.0003637063589
tduepunti0 : = -2.2794751072172E+14
v=v_elettrone : = 2826826.6409522
x0= : -7.6041685729238E-13
y0= : -4.5740259614495E-12
```

```
*****
i=33457
k(33457)=0.99999582957672
kQ(33457)=0.99999165917083
r1= : 4.6370070687654E-12
rpunto1 : = 865814.09694467
rduepunti0 : = -1.0214497358732E+25
fil : = 488.35305365285
fipunto1 : = 5.8012623378356E+17
fi_gradi : = 27980.568886634
t1 : = 1.0809366750786E-14
tpunto1 : = 1.0003636796636
tduepunti0 : = -2.2762297280355E+14
v=v_elettrone : = 2826402.6593943
x0= : -7.6012231938693E-13
y0= : -4.5741781365641E-12
*****
i=33458
k(33458)=0.99999584110871
kQ(33458)=0.99999168223472
r1= : 4.6371086103113E-12
rpunto1 : = 864616.2025475
rduepunti0 : = -1.0214083761864E+25
fil : = 488.35312168929
fipunto1 : = 5.8010082648366E+17
fi_gradi : = 27980.572784835
t1 : = 1.0809366868107E-14
tpunto1 : = 1.0003636530063
tduepunti0 : = -2.2729848973736E+14
v=v_elettrone : = 2825979.2182742
x0= : -7.5982775494066E-13
y0= : -4.5743301519022E-12
*****
i=33459
k(33459)=0.99999585262427
kQ(33459)=0.99999170526575
r1= : 4.6372100113698E-12
rpunto1 : = 863418.35658649
rduepunti0 : = -1.0213670761351E+25
fil : = 488.35318972276
fipunto1 : = 5.8007545600271E+17
fi_gradi : = 27980.576682866
t1 : = 1.0809366985429E-14
tpunto1 : = 1.0003636263871
tduepunti0 : = -2.2697406143979E+14
v=v_elettrone : = 2825556.3156329
x0= : -7.595331639656E-13
y0= : -4.5744820074692E-12
*****
i=33460
k(33460)=0.99999586412341
kQ(33460)=0.99999172826392
r1= : 4.6373112719465E-12
rpunto1 : = 862220.55899171
rduepunti0 : = -1.0213258357064E+25
fil : = 488.35325775325
fipunto1 : = 5.8005012233223E+17
fi_gradi : = 27980.580580726
t1 : = 1.080936710275E-14
tpunto1 : = 1.0003635998059
tduepunti0 : = -2.2664968782754E+14
v=v_elettrone : = 2825133.9559264
x0= : -7.5923854647402E-13
y0= : -4.5746337032703E-12
```

```
*****
i=33461
k(33461)=0.99999587560611
kQ(33461)=0.99999175122924
r1= : 4.637412392047E-12
rpunto1 : = 861022.80969326
rduepunti0 : = -1.0212846548875E+25
fil : = 488.35332578077
fipunto1 : = 5.8002482546375E+17
fi_gradi : = 27980.584478416
t1 : = 1.0809367220071E-14
tpunto1 : = 1.0003635732628
tduepunti0 : = -2.2632536881734E+14
v=v_elettrone : = 2824712.137195
x0= : -7.589439024777E-13
y0= : -4.5747852393105E-12
*****
i=33462
k(33462)=0.9999958870724
kQ(33462)=0.99999177416171
r1= : 4.637513371677E-12
rpunto1 : = 859825.10862124
rduepunti0 : = -1.0212435336657E+25
fil : = 488.35339380533
fipunto1 : = 5.799995653888E+17
fi_gradi : = 27980.588375935
t1 : = 1.0809367337393E-14
tpunto1 : = 1.0003635467576
tduepunti0 : = -2.2600110432596E+14
v=v_elettrone : = 2824290.859615
x0= : -7.5864923198864E-13
y0= : -4.5749366155952E-12
*****
i=33463
k(33463)=0.99999589852226
kQ(33463)=0.99999179706134
r1= : 4.6376142108423E-12
rpunto1 : = 858627.45570578
rduepunti0 : = -1.0212024720281E+25
fil : = 488.35346182692
fipunto1 : = 5.7997434209894E+17
fi_gradi : = 27980.592273286
t1 : = 1.0809367454714E-14
tpunto1 : = 1.0003635202906
tduepunti0 : = -2.2567689427019E+14
v=v_elettrone : = 2823870.1233658
x0= : -7.5835453501885E-13
y0= : -4.5750878321295E-12
*****
i=33464
k(33464)=0.9999959099557
kQ(33464)=0.99999181992813
r1= : 4.6377149095483E-12
rpunto1 : = 857429.850877
rduepunti0 : = -1.021161469962E+25
fil : = 488.35352984555
fipunto1 : = 5.7994915558573E+17
fi_gradi : = 27980.596170466
t1 : = 1.0809367572035E-14
tpunto1 : = 1.0003634938615
tduepunti0 : = -2.2535273856687E+14
v=v_elettrone : = 2823449.9264775
x0= : -7.5805981158032E-13
y0= : -4.5752388889186E-12
```

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*****
i=33465
k(33465)=0.99999592137273
kQ(33465)=0.99999184276209
r1= : 4.6378154678009E-12
rpunto1 : = 856232.29406506
rduepunti0 : = -1.0211205274547E+25
fil : = 488.35359786123
fipunto1 : = 5.7992400584074E+17
fi_gradi : = 27980.600067478
t1 : = 1.0809367689357E-14
tpunto1 : = 1.0003634674704
tduepunti0 : = -2.2502863713288E+14
v=v_elettrone : = 2823030.2734232
x0= : -7.577650616853E-13
y0= : -4.5753897859675E-12
*****
i=33466
k(33466)=0.99999593277334
kQ(33466)=0.99999186556323
r1= : 4.6379158856055E-12
rpunto1 : = 855034.78520012
rduepunti0 : = -1.0210796444933E+25
fil : = 488.35366587396
fipunto1 : = 5.7989889285558E+17
fi_gradi : = 27980.60396432
t1 : = 1.0809367806678E-14
tpunto1 : = 1.0003634411174
tduepunti0 : = -2.2470458988511E+14
v=v_elettrone : = 2822611.1600862
x0= : -7.5747028534551E-13
y0= : -4.5755405232815E-12
*****
i=33467
k(33467)=0.99999594415754
kQ(33467)=0.99999188833154
r1= : 4.6380161629679E-12
rpunto1 : = 853837.32421237
rduepunti0 : = -1.0210388210653E+25
fil : = 488.35373388374
fipunto1 : = 5.7987381662183E+17
fi_gradi : = 27980.607860993
t1 : = 1.0809367923999E-14
tpunto1 : = 1.0003634148023
tduepunti0 : = -2.2438059674051E+14
v=v_elettrone : = 2822192.5887908
x0= : -7.5717548257319E-13
y0= : -4.5756911008657E-12
*****
i=33468
k(33468)=0.99999595552534
kQ(33468)=0.99999191106704
r1= : 4.6381162998936E-12
rpunto1 : = 852639.91103199
rduepunti0 : = -1.020998057158E+25
fil : = 488.35380189059
fipunto1 : = 5.7984877713113E+17
fi_gradi : = 27980.611757499
t1 : = 1.080936804132E-14
tpunto1 : = 1.0003633885252
tduepunti0 : = -2.2405665761606E+14
v=v_elettrone : = 2821774.5597151
x0= : -7.5688065338029E-13
y0= : -4.5758415187252E-12

```

```
*****
i=33469
k(33469)=0.99999596687673
kQ(33469)=0.99999193376972
r1= : 4.6382162963882E-12
rpunto1: = 851442.5455892
rduepunti0 : = -1.0209573527586E+25
fil : = 488.35386989449
fipunto1 : = 5.7982377437511E+17
fi_gradi : = 27980.615653835
t1 : = 1.0809368158642E-14
tpunto1 : = 1.0003633622861
tduepunti0 : = -2.2373277242876E+14
v=v_elettrone : = 2821357.073034
x0= : -7.5658579777879E-13
y0= : -4.5759917768652E-12
*****
i=33470
k(33470)=0.99999597821171
kQ(33470)=0.9999919564396
r1= : 4.6383161524574E-12
rpunto1: = 850245.22781422
rduepunti0 : = -1.0209167078546E+25
fil : = 488.35393789547
fipunto1 : = 5.7979880834539E+17
fi_gradi : = 27980.619550004
t1 : = 1.0809368275963E-14
tpunto1 : = 1.000363336085
tduepunti0 : = -2.2340894109567E+14
v=v_elettrone : = 2820940.1289286
x0= : -7.5629091578063E-13
y0= : -4.5761418752907E-12
*****
i=33471
k(33471)=0.9999959895303
kQ(33471)=0.99999197907668
r1= : 4.6384158681067E-12
rpunto1: = 849047.9576373
rduepunti0 : = -1.0208761224334E+25
fil : = 488.35400589352
fipunto1 : = 5.7977387903365E+17
fi_gradi : = 27980.623446005
t1 : = 1.0809368393284E-14
tpunto1 : = 1.0003633099219
tduepunti0 : = -2.2308516353387E+14
v=v_elettrone : = 2820523.725428
x0= : -7.5599600739775E-13
y0= : -4.5762918140068E-12
*****
i=33472
k(33472)=0.99999600083249
kQ(33472)=0.99999200168097
r1= : 4.6385154433418E-12
rpunto1: = 847850.73498868
rduepunti0 : = -1.0208355964822E+25
fil : = 488.35407388864
fipunto1 : = 5.7974898643156E+17
fi_gradi : = 27980.627341839
t1 : = 1.0809368510606E-14
tpunto1 : = 1.0003632837967
tduepunti0 : = -2.2276143966047E+14
v=v_elettrone : = 2820107.8648546
x0= : -7.5570107264235E-13
y0= : -4.5764415930187E-12
```



```
*****
i=33473
k(33473)=0.99999601211828
kQ(33473)=0.99999202425246
r1= : 4.6386148781681E-12
rpunto1 : = 846653.55979864
rduepunti0 : = -1.0207951299887E+25
fil : = 488.35414188084
fipunto1 : = 5.7972413053079E+17
fi_gradi : = 27980.631237505
t1 : = 1.0809368627927E-14
tpunto1 : = 1.0003632577095
tduepunti0 : = -2.2243776939263E+14
v=v_elettrone : = 2819692.5473839
x0= : -7.5540611152636E-13
y0= : -4.5765912123314E-12
*****
i=33474
k(33474)=0.99999602338768
kQ(33474)=0.99999204679117
r1= : 4.6387141725913E-12
rpunto1 : = 845456.43199745
rduepunti0 : = -1.0207547229401E+25
fil : = 488.35420987013
fipunto1 : = 5.7969931132304E+17
fi_gradi : = 27980.635133005
t1 : = 1.0809368745248E-14
tpunto1 : = 1.0003632316602
tduepunti0 : = -2.2211415264754E+14
v=v_elettrone : = 2819277.7731916
x0= : -7.551111240617E-13
y0= : -4.57674067195E-12
*****
i=33475
k(33475)=0.99999603464069
kQ(33475)=0.9999920692971
r1= : 4.6388133266169E-12
rpunto1 : = 844259.35151542
rduepunti0 : = -1.020714375324E+25
fil : = 488.35427785651
fipunto1 : = 5.7967452880003E+17
fi_gradi : = 27980.639028337
t1 : = 1.080936886257E-14
tpunto1 : = 1.0003632056489
tduepunti0 : = -2.2179058934241E+14
v=v_elettrone : = 2818863.54032
x0= : -7.5481611026029E-13
y0= : -4.5768899718795E-12
*****
i=33476
k(33476)=0.99999604587731
kQ(33476)=0.99999209177025
r1= : 4.6389123402505E-12
rpunto1 : = 843062.31828286
rduepunti0 : = -1.0206740871278E+25
fil : = 488.35434583998
fipunto1 : = 5.7964978295348E+17
fi_gradi : = 27980.642923503
t1 : = 1.0809368979891E-14
tpunto1 : = 1.0003631796756
tduepunti0 : = -2.214670793945E+14
v=v_elettrone : = 2818449.8510733
x0= : -7.5452107013429E-13
y0= : -4.577039112125E-12
```

```
*****
i=33477
k(33477)=0.99999605709754
kQ(33477)=0.99999211421063
r1= : 4.6390112134976E-12
rpunto1 : = 841865.3322301
rduepunti0 : = -1.020633858339E+25
fil : = 488.35441382055
fipunto1 : = 5.7962507377511E+17
fi_gradi : = 27980.646818503
t1 : = 1.0809369097212E-14
tpunto1 : = 1.0003631537401
tduepunti0 : = -2.211436227211E+14
v=v_elettrone : = 2818036.7056431
x0= : -7.542260036956E-13
y0= : -4.5771880926916E-12
*****
i=33478
k(33478)=0.9999960683014
kQ(33478)=0.99999213661825
r1= : 4.6391099463637E-12
rpunto1 : = 840668.39328748
rduepunti0 : = -1.0205936889452E+25
fil : = 488.35448179822
fipunto1 : = 5.7960040125669E+17
fi_gradi : = 27980.650713336
t1 : = 1.0809369214533E-14
tpunto1 : = 1.0003631278426
tduepunti0 : = -2.2082021923955E+14
v=v_elettrone : = 2817624.1020553
x0= : -7.5393091095611E-13
y0= : -4.5773369135843E-12
*****
i=33479
k(33479)=0.99999607948887
kQ(33479)=0.99999215899311
r1= : 4.6392085388544E-12
rpunto1 : = 839471.50138536
rduepunti0 : = -1.0205535789339E+25
fil : = 488.354549773
fipunto1 : = 5.7957576538997E+17
fi_gradi : = 27980.654608004
t1 : = 1.0809369331855E-14
tpunto1 : = 1.000363101983
tduepunti0 : = -2.2049686886719E+14
v=v_elettrone : = 2817212.0426242
x0= : -7.5363579192797E-13
y0= : -4.5774855748081E-12
*****
i=33480
k(33480)=0.99999609065997
kQ(33480)=0.99999218133521
r1= : 4.6393069909752E-12
rpunto1 : = 838274.6564541
rduepunti0 : = -1.0205135282926E+25
fil : = 488.35461774489
fipunto1 : = 5.7955116616674E+17
fi_gradi : = 27980.658502507
t1 : = 1.0809369449176E-14
tpunto1 : = 1.0003630761614
tduepunti0 : = -2.2017357152143E+14
v=v_elettrone : = 2816800.5253841
x0= : -7.5334064662305E-13
y0= : -4.577634076368E-12
```

```
*****
i=33481
k(33481)=0.99999610181469
kQ(33481)=0.99999220364457
r1= : 4.6394053027315E-12
rpunto1: = 837077.8584241
rduepunti0 : = -1.020473537009E+25
fil : = 488.35468571389
fipunto1 : = 5.7952660357876E+17
fi_gradi : = 27980.662396844
t1 : = 1.0809369566497E-14
tpunto1 : = 1.0003630503776
tduepunti0 : = -2.1985032711969E+14
v=v_elettrone : = 2816389.5548113
x0= : -7.5304547505349E-13
y0= : -4.577782418269E-12
*****
i=33482
k(33482)=0.99999611295303
kQ(33482)=0.99999222592118
r1= : 4.639503474129E-12
rpunto1: = 835881.10722576
rduepunti0 : = -1.0204336050705E+25
fil : = 488.35475368001
fipunto1 : = 5.7950207761786E+17
fi_gradi : = 27980.666291016
t1 : = 1.0809369683819E-14
tpunto1 : = 1.0003630246318
tduepunti0 : = -2.1952713557944E+14
v=v_elettrone : = 2815979.1246316
x0= : -7.5275027723088E-13
y0= : -4.5779306005162E-12
*****
i=33483
k(33483)=0.99999612407501
kQ(33483)=0.99999224816505
r1= : 4.639601505173E-12
rpunto1: = 834684.40278948
rduepunti0 : = -1.0203937324649E+25
fil : = 488.35482164326
fipunto1 : = 5.7947758827584E+17
fi_gradi : = 27980.670185023
t1 : = 1.080936980114E-14
tpunto1 : = 1.0003629989238
tduepunti0 : = -2.1920399681818E+14
v=v_elettrone : = 2815569.2414666
x0= : -7.5245505316761E-13
y0= : -4.5780786231145E-12
*****
i=33484
k(33484)=0.99999613518062
kQ(33484)=0.99999227037618
r1= : 4.6396993958691E-12
rpunto1: = 833487.74504571
rduepunti0 : = -1.0203539191798E+25
fil : = 488.35488960363
fipunto1 : = 5.7945313554453E+17
fi_gradi : = 27980.674078865
t1 : = 1.0809369918461E-14
tpunto1 : = 1.0003629732537
tduepunti0 : = -2.1888091075344E+14
v=v_elettrone : = 2815159.9011916
x0= : -7.5215980287526E-13
y0= : -4.5782264860689E-12
```

```
*****
i=33485
k(33485)=0.99999614626987
kQ(33485)=0.99999229255459
r1= : 4.6397971462228E-12
rpunto1 : = 832291.13392488
rduepunti0 : = -1.0203141652028E+25
fil : = 488.35495756114
fipunto1 : = 5.7942871941577E+17
fi_gradi : = 27980.677972544
t1 : = 1.0809370035782E-14
tpunto1 : = 1.0003629476215
tduepunti0 : = -2.1855787730278E+14
v=v_elettrone : = 2814751.1039871
x0= : -7.5186452636592E-13
y0= : -4.5783741893844E-12
*****
i=33486
k(33486)=0.99999615734275
kQ(33486)=0.99999231470027
r1= : 4.6398947562394E-12
rpunto1 : = 831094.56935746
rduepunti0 : = -1.0202744705217E+25
fil : = 488.35502551578
fipunto1 : = 5.7940433988142E+17
fi_gradi : = 27980.681866058
t1 : = 1.0809370153104E-14
tpunto1 : = 1.0003629220272
tduepunti0 : = -2.1823489638381E+14
v=v_elettrone : = 2814342.8521763
x0= : -7.515692236517E-13
y0= : -4.5785217330659E-12
*****
i=33487
k(33487)=0.99999616839927
kQ(33487)=0.99999233681323
r1= : 4.6399922259246E-12
rpunto1 : = 829898.05127391
rduepunti0 : = -1.020234835124E+25
fil : = 488.35509346757
fipunto1 : = 5.7937999693335E+17
fi_gradi : = 27980.685759408
t1 : = 1.0809370270425E-14
tpunto1 : = 1.0003628964708
tduepunti0 : = -2.1791196791416E+14
v=v_elettrone : = 2813935.1437847
x0= : -7.5127389474442E-13
y0= : -4.5786691171184E-12
*****
i=33488
k(33488)=0.99999617943944
kQ(33488)=0.99999235889347
r1= : 4.6400895552836E-12
rpunto1 : = 828701.57960473
rduepunti0 : = -1.0201952589975E+25
fil : = 488.3551614165
fipunto1 : = 5.7935569056342E+17
fi_gradi : = 27980.689652595
t1 : = 1.0809370387746E-14
tpunto1 : = 1.0003628709522
tduepunti0 : = -2.1758909181151E+14
v=v_elettrone : = 2813527.9811277
x0= : -7.5097853965615E-13
y0= : -4.5788163415468E-12
```

```
*****
i=33489
k(33489)=0.99999619046325
kQ(33489)=0.99999238094101
r1= : 4.640186744322E-12
rpunto1 : = 827505.15428041
rduepunti0 : = -1.02015574213E+25
fil : = 488.35522936257
fipunto1 : = 5.7933142076354E+17
fi_gradi : = 27980.693545619
t1 : = 1.0809370505067E-14
tpunto1 : = 1.0003628454715
tduepunti0 : = -2.1726626799354E+14
v=v_elettrone : = 2813121.3643949
x0= : -7.5068315839872E-13
y0= : -4.5789634063561E-12
*****
i=33490
k(33490)=0.99999620147071
kQ(33490)=0.99999240295584
r1= : 4.6402837930453E-12
rpunto1 : = 826308.77523147
rduepunti0 : = -1.0201162845092E+25
fil : = 488.35529730581
fipunto1 : = 5.7930718752561E+17
fi_gradi : = 27980.697438479
t1 : = 1.0809370622389E-14
tpunto1 : = 1.0003628200287
tduepunti0 : = -2.1694349637802E+14
v=v_elettrone : = 2812715.2894506
x0= : -7.5038775098392E-13
y0= : -4.5791103115513E-12
*****
i=33491
k(33491)=0.99999621246181
kQ(33491)=0.99999242493797
r1= : 4.6403807014587E-12
rpunto1 : = 825112.44238845
rduepunti0 : = -1.0200768861229E+25
fil : = 488.3553652462
fipunto1 : = 5.7928299084155E+17
fi_gradi : = 27980.701331177
t1 : = 1.080937073971E-14
tpunto1 : = 1.0003627946237
tduepunti0 : = -2.1662077688269E+14
v=v_elettrone : = 2812309.7629226
x0= : -7.5009231742407E-13
y0= : -4.5792570571371E-12
*****
i=33492
k(33492)=0.99999622343657
kQ(33492)=0.99999244688741
r1= : 4.6404774695678E-12
rpunto1 : = 823916.15568188
rduepunti0 : = -1.0200375469588E+25
fil : = 488.35543318375
fipunto1 : = 5.7925883070329E+17
fi_gradi : = 27980.705223712
t1 : = 1.0809370857031E-14
tpunto1 : = 1.0003627692565
tduepunti0 : = -2.1629810942537E+14
v=v_elettrone : = 2811904.7785363
x0= : -7.497968577307E-13
y0= : -4.5794036431186E-12
```

```
*****
i=33493
k(33493)=0.99999623439499
kQ(33493)=0.99999246880416
r1= : 4.640574097378E-12
rpunto1 : = 822719.91504233
rduepunti0 : = -1.0199982670049E+25
fil : = 488.35550111847
fipunto1 : = 5.7923470710278E+17
fi_gradi : = 27980.709116085
t1 : = 1.0809370974352E-14
tpunto1 : = 1.0003627439272
tduepunti0 : = -2.159754939239E+14
v=v_elettrone : = 2811500.3407647
x0= : -7.4950137191611E-13
y0= : -4.5795500695005E-12
*****
i=33494
k(33494)=0.99999624533706
kQ(33494)=0.99999249068822
r1= : 4.6406705848946E-12
rpunto1 : = 821523.72040037
rduepunti0 : = -1.0199590462488E+25
fil : = 488.35556905036
fipunto1 : = 5.7921062003198E+17
fi_gradi : = 27980.713008295
t1 : = 1.0809371091674E-14
tpunto1 : = 1.0003627186357
tduepunti0 : = -2.1565293029615E+14
v=v_elettrone : = 2811096.4497795
x0= : -7.4920585999208E-13
y0= : -4.5796963362879E-12
*****
i=33495
k(33495)=0.99999625626279
kQ(33495)=0.9999925125396
r1= : 4.640766932123E-12
rpunto1 : = 820327.57168659
rduepunti0 : = -1.0199198846785E+25
fil : = 488.35563697942
fipunto1 : = 5.7918656948286E+17
fi_gradi : = 27980.716900344
t1 : = 1.0809371208995E-14
tpunto1 : = 1.000362693382
tduepunti0 : = -2.1533041846002E+14
v=v_elettrone : = 2810693.1036097
x0= : -7.4891032197038E-13
y0= : -4.5798424434856E-12
*****
i=33496
k(33496)=0.99999626717219
kQ(33496)=0.99999253435831
r1= : 4.6408631390688E-12
rpunto1 : = 819131.46883159
rduepunti0 : = -1.0198807822819E+25
fil : = 488.35570490567
fipunto1 : = 5.7916255544739E+17
fi_gradi : = 27980.720792231
t1 : = 1.0809371326316E-14
tpunto1 : = 1.0003626681662
tduepunti0 : = -2.1500795833345E+14
v=v_elettrone : = 2810290.3024236
x0= : -7.4861475786303E-13
y0= : -4.5799883910984E-12
```

```
*****
i=33497
k(33497)=0.99999627806525
kQ(33497)=0.99999255614434
r1= : 4.6409592057371E-12
rpunto1: = 817935.41176599
rduepunti0 : = -1.0198417390467E+25
fil : = 488.35577282909
fipunto1 : = 5.7913857791758E+17
fi_gradi : = 27980.724683957
t1 : = 1.0809371443637E-14
tpunto1 : = 1.0003626429882
tduepunti0 : = -2.1468554983443E+14
v=v_elettrone : = 2809888.046394
x0= : -7.4831916768203E-13
y0= : -4.5801341791313E-12
*****
i=33498
k(33498)=0.99999628894197
kQ(33498)=0.99999257789772
r1= : 4.6410551321334E-12
rpunto1: = 816739.40042041
rduepunti0 : = -1.0198027549611E+25
fil : = 488.35584074971
fipunto1 : = 5.7911463688544E+17
fi_gradi : = 27980.728575521
t1 : = 1.0809371560958E-14
tpunto1 : = 1.0003626178479
tduepunti0 : = -2.1436319288095E+14
v=v_elettrone : = 2809486.337852
x0= : -7.480235514394E-13
y0= : -4.580279807589E-12
*****
i=33499
k(33499)=0.99999629980237
kQ(33499)=0.99999259961843
r1= : 4.6411509182631E-12
rpunto1: = 815543.4347255
rduepunti0 : = -1.0197638300128E+25
fil : = 488.35590866752
fipunto1 : = 5.79090732343E+17
fi_gradi : = 27980.732466925
t1 : = 1.080937167828E-14
tpunto1 : = 1.0003625927455
tduepunti0 : = -2.1404088739105E+14
v=v_elettrone : = 2809085.1748175
x0= : -7.4772790914688E-13
y0= : -4.5804252764765E-12
*****
i=33500
k(33500)=0.99999631064644
kQ(33500)=0.99999262130649
r1= : 4.6412465641315E-12
rpunto1: = 814347.51461192
rduepunti0 : = -1.0197249641898E+25
fil : = 488.35597658252
fipunto1 : = 5.7906686428228E+17
fi_gradi : = 27980.736358168
t1 : = 1.0809371795601E-14
tpunto1 : = 1.0003625676808
tduepunti0 : = -2.1371863328281E+14
v=v_elettrone : = 2808684.5596095
x0= : -7.4743224081646E-13
y0= : -4.5805705857985E-12
```

```
*****
i=33501
k(33501)=0.99999632147418
kQ(33501)=0.99999264296189
r1= : 4.6413420697439E-12
rpunto1: = 813151.64001034
rduepunti0 : = -1.0196861574801E+25
fil : = 488.35604449473
fipunto1 : = 5.7904303269533E+17
fi_gradi : = 27980.740249251
t1 : = 1.0809371912922E-14
tpunto1 : = 1.000362542654
tduepunti0 : = -2.1339643047434E+14
v=v_elettrone : = 2808284.488103
x0= : -7.4713654645987E-13
y0= : -4.5807157355599E-12
*****
i=33502
k(33502)=0.9999963322856
kQ(33502)=0.99999266458465
r1= : 4.6414374351057E-12
rpunto1: = 811955.81085145
rduepunti0 : = -1.0196474098716E+25
fil : = 488.35611240414
fipunto1 : = 5.7901923757422E+17
fi_gradi : = 27980.744140173
t1 : = 1.0809372030243E-14
tpunto1 : = 1.0003625176649
tduepunti0 : = -2.1307427888377E+14
v=v_elettrone : = 2807884.9647728
x0= : -7.4684082608933E-13
y0= : -4.5808607257655E-12
*****
i=33503
k(33503)=0.9999963430807
kQ(33503)=0.99999268617477
r1= : 4.6415326602222E-12
rpunto1: = 810760.02706596
rduepunti0 : = -1.0196087213525E+25
fil : = 488.35618031076
fipunto1 : = 5.7899547891103E+17
fi_gradi : = 27980.748030936
t1 : = 1.0809372147565E-14
tpunto1 : = 1.0003624927136
tduepunti0 : = -2.1275217842928E+14
v=v_elettrone : = 2807485.9897949
x0= : -7.4654507971657E-13
y0= : -4.5810055564201E-12
*****
i=33504
k(33504)=0.99999635385948
kQ(33504)=0.99999270773226
r1= : 4.6416277450988E-12
rpunto1: = 809564.28858456
rduepunti0 : = -1.0195700919106E+25
fil : = 488.35624821459
fipunto1 : = 5.7897175669784E+17
fi_gradi : = 27980.751921539
t1 : = 1.0809372264886E-14
tpunto1 : = 1.0003624678001
tduepunti0 : = -2.1243012902908E+14
v=v_elettrone : = 2807087.5590289
x0= : -7.4624930735328E-13
y0= : -4.5811502275285E-12
```



```
*****
i=33505
k(33505)=0.99999636462195
kQ(33505)=0.99999272925711
r1= : 4.6417226897408E-12
rpunto1: = 808368.595338
rduepunti0 : = -1.0195315215342E+25
fil : = 488.35631611564
fipunto1 : = 5.7894807092675E+17
fi_gradi : = 27980.755811983
t1 : = 1.0809372382207E-14
tpunto1 : = 1.0003624429243
tduepunti0 : = -2.121081306014E+14
v=v_elettrone : = 2806689.6769653
x0= : -7.4595350901169E-13
y0= : -4.5812947390955E-12
*****
i=33506
k(33506)=0.9999963753681
kQ(33506)=0.99999275074934
r1= : 4.6418174941534E-12
rpunto1: = 807172.94725702
rduepunti0 : = -1.0194930102111E+25
fil : = 488.35638401391
fipunto1 : = 5.7892442158987E+17
fi_gradi : = 27980.759702267
t1 : = 1.0809372499528E-14
tpunto1 : = 1.0003624180863
tduepunti0 : = -2.1178618306452E+14
v=v_elettrone : = 2806292.339452
x0= : -7.4565768470348E-13
y0= : -4.5814390911259E-12
*****
i=33507
k(33507)=0.99999638609794
kQ(33507)=0.99999277220894
r1= : 4.6419121583419E-12
rpunto1: = 805977.34427237
rduepunti0 : = -1.0194545579295E+25
fil : = 488.35645190941
fipunto1 : = 5.7890080867934E+17
fi_gradi : = 27980.763592393
t1 : = 1.0809372616849E-14
tpunto1 : = 1.0003623932861
tduepunti0 : = -2.1146428633673E+14
v=v_elettrone : = 2805895.5509924
x0= : -7.4536183444085E-13
y0= : -4.5815832836245E-12
*****
i=33508
k(33508)=0.99999639681147
kQ(33508)=0.99999279363593
r1= : 4.6420066823117E-12
rpunto1: = 804781.78631482
rduepunti0 : = -1.0194161646776E+25
fil : = 488.35651980214
fipunto1 : = 5.7887723218729E+17
fi_gradi : = 27980.76748236
t1 : = 1.0809372734171E-14
tpunto1 : = 1.0003623685235
tduepunti0 : = -2.1114244033639E+14
v=v_elettrone : = 2805499.3095809
x0= : -7.4506595823549E-13
y0= : -4.5817273165959E-12
```

```
*****
i=33509
k(33509)=0.9999964075087
kQ(33509)=0.99999281503031
r1= : 4.642101066068E-12
rpunto1: = 803586.27331517
rduepunti0 : = -1.0193778304434E+25
fil : = 488.35658769211
fipunto1 : = 5.7885369210587E+17
fi_gradi : = 27980.771372168
t1 : = 1.0809372851492E-14
tpunto1 : = 1.0003623437988
tduepunti0 : = -2.1082064498187E+14
v=v_elettrone : = 2805103.6175598
x0= : -7.4477005609932E-13
y0= : -4.581871190045E-12
*****
i=33510
k(33510)=0.99999641818963
kQ(33510)=0.99999283639208
r1= : 4.6421953096161E-12
rpunto1: = 802390.8052042
rduepunti0 : = -1.0193395552151E+25
fil : = 488.35665557931
fipunto1 : = 5.7883018842725E+17
fi_gradi : = 27980.775261819
t1 : = 1.0809372968813E-14
tpunto1 : = 1.0003623191117
tduepunti0 : = -2.1049890019156E+14
v=v_elettrone : = 2804708.4707807
x0= : -7.4447412804399E-13
y0= : -4.5820149039765E-12
*****
i=33511
k(33511)=0.99999642885425
kQ(33511)=0.99999285772125
r1= : 4.6422894129613E-12
rpunto1: = 801195.38191273
rduepunti0 : = -1.0193013389808E+25
fil : = 488.35672346376
fipunto1 : = 5.7880672114362E+17
fi_gradi : = 27980.779151311
t1 : = 1.0809373086134E-14
tpunto1 : = 1.0003622944624
tduepunti0 : = -2.101772058839E+14
v=v_elettrone : = 2804313.8737371
x0= : -7.4417817408169E-13
y0= : -4.5821584583952E-12
*****
i=33512
k(33512)=0.99999643950257
kQ(33512)=0.99999287901782
r1= : 4.6423833761088E-12
rpunto1: = 800000.00337158
rduepunti0 : = -1.0192631817287E+25
fil : = 488.35679134546
fipunto1 : = 5.7878329024715E+17
fi_gradi : = 27980.783040646
t1 : = 1.0809373203455E-14
tpunto1 : = 1.0003622698508
tduepunti0 : = -2.0985556197736E+14
v=v_elettrone : = 2803919.8222753
x0= : -7.4388219422406E-13
y0= : -4.5823018533057E-12
```

```
*****
i=33513
k(33513)=0.9999964501346
kQ(33513)=0.9999929002818
r1= : 4.6424771990639E-12
rpunto1 : = 798804.66951161
rduepunti0 : = -1.0192250834471E+25
fil : = 488.35685922441
fipunto1 : = 5.7875989573005E+17
fi_gradi : = 27980.786929823
t1 : = 1.0809373320776E-14
tpunto1 : = 1.000362245277
tduepunti0 : = -2.0953396839045E+14
v=v_elettrone : = 2803526.3208953
x0= : -7.4358618848326E-13
y0= : -4.5824450887128E-12
*****
i=33514
k(33514)=0.99999646075033
kQ(33514)=0.9999929215132
r1= : 4.6425708818317E-12
rpunto1 : = 797609.38026365
rduepunti0 : = -1.0191870441241E+25
fil : = 488.35692710061
fipunto1 : = 5.7873653758454E+17
fi_gradi : = 27980.790818843
t1 : = 1.0809373438098E-14
tpunto1 : = 1.0003622207408
tduepunti0 : = -2.092124250417E+14
v=v_elettrone : = 2803133.3654353
x0= : -7.4329015687093E-13
y0= : -4.5825881646212E-12
*****
i=33515
k(33515)=0.99999647134978
kQ(33515)=0.99999294271201
r1= : 4.6426644244176E-12
rpunto1 : = 796414.13555859
rduepunti0 : = -1.019149063748E+25
fil : = 488.35699497408
fipunto1 : = 5.7871321580286E+17
fi_gradi : = 27980.794707706
t1 : = 1.0809373555419E-14
tpunto1 : = 1.0003621962424
tduepunti0 : = -2.0889093184968E+14
v=v_elettrone : = 2802740.9603986
x0= : -7.4299409939921E-13
y0= : -4.5827310810356E-12
*****
i=33516
k(33516)=0.99999648193293
kQ(33516)=0.99999296387824
r1= : 4.6427578268268E-12
rpunto1 : = 795218.93532729
rduepunti0 : = -1.019111142307E+25
fil : = 488.3570628448
fipunto1 : = 5.7868993037723E+17
fi_gradi : = 27980.798596412
t1 : = 1.080937367274E-14
tpunto1 : = 1.0003621717816
tduepunti0 : = -2.0856948873298E+14
v=v_elettrone : = 2802349.1037892
x0= : -7.4269801607972E-13
y0= : -4.5828738379607E-12
```

```
*****
i=33517
k(33517)=0.9999964924998
kQ(33517)=0.9999929850119
r1= : 4.6428510890644E-12
rpunto1: = 794023.77950066
rduepunti0 : = -1.0190732797895E+25
fil : = 488.3571307128
fipunto1 : = 5.7866668129993E+17
fi_gradi : = 27980.802484962
t1 : = 1.0809373790061E-14
tpunto1 : = 1.0003621473585
tduepunti0 : = -2.0824809561024E+14
v=v_elettrone : = 2801957.7957783
x0= : -7.4240190692433E-13
y0= : -4.5830164354011E-12
*****
i=33518
k(33518)=0.99999650305038
kQ(33518)=0.99999300611299
r1= : 4.6429442111358E-12
rpunto1: = 792828.66800961
rduepunti0 : = -1.0190354761837E+25
fil : = 488.35719857808
fipunto1 : = 5.7864346856321E+17
fi_gradi : = 27980.806373356
t1 : = 1.0809373907382E-14
tpunto1 : = 1.0003621229732
tduepunti0 : = -2.0792675240012E+14
v=v_elettrone : = 2801567.0365422
x0= : -7.4210577194491E-13
y0= : -4.5831588733616E-12
*****
i=33519
k(33519)=0.99999651358468
kQ(33519)=0.99999302718151
r1= : 4.643037193046E-12
rpunto1: = 791633.60078505
rduepunti0 : = -1.0189977314779E+25
fil : = 488.35726644063
fipunto1 : = 5.7862029215936E+17
fi_gradi : = 27980.810261594
t1 : = 1.0809374024704E-14
tpunto1 : = 1.0003620986255
tduepunti0 : = -2.0760545902133E+14
v=v_elettrone : = 2801176.8240827
x0= : -7.4180961115332E-13
y0= : -4.5833011518468E-12
*****
i=33520
k(33520)=0.9999965241027
kQ(33520)=0.99999304821748
r1= : 4.6431300348003E-12
rpunto1: = 790438.57775793
rduepunti0 : = -1.0189600456605E+25
fil : = 488.35733430046
fipunto1 : = 5.7859715208067E+17
fi_gradi : = 27980.814149676
t1 : = 1.0809374142025E-14
tpunto1 : = 1.0003620743154
tduepunti0 : = -2.0728421539258E+14
v=v_elettrone : = 2800787.1628943
x0= : -7.4151342456166E-13
y0= : -4.5834432708613E-12
```

```
*****
i=33521
k(33521)=0.99999653460444
kQ(33521)=0.99999306922089
r1= : 4.6432227364039E-12
rpunto1: = 789243.59885919
rduepunti0 : = -1.0189224187198E+25
fil : = 488.35740215758
fipunto1 : = 5.7857404831946E+17
fi_gradi : = 27980.818037602
t1 : = 1.0809374259346E-14
tpunto1 : = 1.0003620500431
tduepunti0 : = -2.0696302143264E+14
v=v_elettrone : = 2800398.0509937
x0= : -7.4121721218153E-13
y0= : -4.5835852304098E-12
*****
i=33522
k(33522)=0.99999654508991
kQ(33522)=0.99999309019176
r1= : 4.6433152978618E-12
rpunto1: = 788048.6640198
rduepunti0 : = -1.0188848506442E+25
fil : = 488.35747001198
fipunto1 : = 5.7855098086803E+17
fi_gradi : = 27980.821925373
t1 : = 1.0809374376667E-14
tpunto1 : = 1.0003620258084
tduepunti0 : = -2.0664187706031E+14
v=v_elettrone : = 2800009.4863817
x0= : -7.4092097402475E-13
y0= : -4.5837270304969E-12
*****
i=33523
k(33523)=0.99999655555911
kQ(33523)=0.99999311113007
r1= : 4.6434077191794E-12
rpunto1: = 786853.77317073
rduepunti0 : = -1.0188473414222E+25
fil : = 488.35753786369
fipunto1 : = 5.7852794971872E+17
fi_gradi : = 27980.82581299
t1 : = 1.0809374493988E-14
tpunto1 : = 1.0003620016114
tduepunti0 : = -2.0632078219441E+14
v=v_elettrone : = 2799621.4735461
x0= : -7.4062471010343E-13
y0= : -4.5838686711273E-12
*****
i=33524
k(33524)=0.99999656601203
kQ(33524)=0.99999313203585
r1= : 4.6435000003618E-12
rpunto1: = 785658.92624299
rduepunti0 : = -1.018809891042E+25
fil : = 488.35760571269
fipunto1 : = 5.7850495486389E+17
fi_gradi : = 27980.829700451
t1 : = 1.0809374611309E-14
tpunto1 : = 1.000361977452
tduepunti0 : = -2.0599973675379E+14
v=v_elettrone : = 2799234.0083456
x0= : -7.4032842042911E-13
y0= : -4.5840101523055E-12
```

```
*****
i=33525
k(33525)=0.99999657644869
kQ(33525)=0.9999931529091
r1= : 4.6435921414141E-12
rpunto1 : = 784464.12316756
rduepunti0 : = -1.0187724994922E+25
fil : = 488.35767355899
fipunto1 : = 5.7848199629587E+17
fi_gradi : = 27980.833587758
t1 : = 1.080937472863E-14
tpunto1 : = 1.0003619533303
tduepunti0 : = -2.0567874065734E+14
v=v_elettrone : = 2798847.09311
x0= : -7.4003210501389E-13
y0= : -4.5841514740363E-12
*****
i=33526
k(33526)=0.99999658686908
kQ(33526)=0.99999317374981
r1= : 4.6436841423414E-12
rpunto1 : = 783269.36387547
rduepunti0 : = -1.0187351667613E+25
fil : = 488.35774140261
fipunto1 : = 5.7845907400706E+17
fi_gradi : = 27980.837474911
t1 : = 1.0809374845952E-14
tpunto1 : = 1.0003619292462
tduepunti0 : = -2.05357793824E+14
v=v_elettrone : = 2798460.7301555
x0= : -7.3973576386957E-13
y0= : -4.5842926363241E-12
*****
i=33527
k(33527)=0.99999659727321
kQ(33527)=0.999993194558
r1= : 4.6437760031489E-12
rpunto1 : = 782074.64829775
rduepunti0 : = -1.0186978928375E+25
fil : = 488.35780924353
fipunto1 : = 5.7843618798982E+17
fi_gradi : = 27980.841361909
t1 : = 1.0809374963273E-14
tpunto1 : = 1.0003619051997
tduepunti0 : = -2.050368961727E+14
v=v_elettrone : = 2798074.9153504
x0= : -7.3943939700769E-13
y0= : -4.5844336391735E-12
*****
i=33528
k(33528)=0.99999660766108
kQ(33528)=0.99999321533366
r1= : 4.6438677238418E-12
rpunto1 : = 780879.97636545
rduepunti0 : = -1.0186606777096E+25
fil : = 488.35787708177
fipunto1 : = 5.7841333823657E+17
fi_gradi : = 27980.845248754
t1 : = 1.0809375080594E-14
tpunto1 : = 1.0003618811909
tduepunti0 : = -2.0471604762244E+14
v=v_elettrone : = 2797689.6488483
x0= : -7.3914300444031E-13
y0= : -4.5845744825893E-12
```

```
*****
i=33529
k(33529)=0.99999661803269
kQ(33529)=0.99999323607681
r1= : 4.6439593044251E-12
rpunto1: = 779685.34800962
rduepunti0 : = -1.0186235213659E+25
fil : = 488.35794491733
fipunto1 : = 5.783905247397E+17
fi_gradi : = 27980.849135445
t1 : = 1.0809375197915E-14
tpunto1 : = 1.0003618572197
tduepunti0 : = -2.0439524809223E+14
v=v_elettrone : = 2797304.9351434
x0= : -7.3884658617947E-13
y0= : -4.5847151665758E-12
*****
i=33530
k(33530)=0.99999662838804
kQ(33530)=0.99999325678745
r1= : 4.6440507449039E-12
rpunto1: = 778490.76316134
rduepunti0 : = -1.018586423795E+25
fil : = 488.35801275022
fipunto1 : = 5.7836774749164E+17
fi_gradi : = 27980.853021984
t1 : = 1.0809375315236E-14
tpunto1 : = 1.0003618332861
tduepunti0 : = -2.0407449750111E+14
v=v_elettrone : = 2796920.7700838
x0= : -7.3855014223671E-13
y0= : -4.5848556911377E-12
*****
i=33531
k(33531)=0.99999663872714
kQ(33531)=0.99999327746558
r1= : 4.6441420452834E-12
rpunto1: = 777296.2217517
rduepunti0 : = -1.0185493849855E+25
fil : = 488.35808058043
fipunto1 : = 5.7834500648482E+17
fi_gradi : = 27980.856908368
t1 : = 1.0809375432557E-14
tpunto1 : = 1.0003618093901
tduepunti0 : = -2.0375379576818E+14
v=v_elettrone : = 2796537.1581615
x0= : -7.3825367262406E-13
y0= : -4.5849960562796E-12
*****
i=33532
k(33532)=0.99999664904999
kQ(33532)=0.99999329811121
r1= : 4.6442332055686E-12
rpunto1: = 776101.72371178
rduepunti0 : = -1.0185124049259E+25
fil : = 488.35814840798
fipunto1 : = 5.783223017117E+17
fi_gradi : = 27980.860794601
t1 : = 1.0809375549878E-14
tpunto1 : = 1.0003617855317
tduepunti0 : = -2.0343314281254E+14
v=v_elettrone : = 2796154.0952266
x0= : -7.3795717735301E-13
y0= : -4.5851362620059E-12
```

```
*****
i=33533
k(33533)=0.99999665935659
kQ(33533)=0.99999331872434
r1= : 4.6443242257646E-12
rpunto1: = 774907.2689727
rduepunti0 : = -1.0184754836048E+25
fil : = 488.35821623286
fipunto1 : = 5.7829963316473E+17
fi_gradi : = 27980.86468068
t1 : = 1.0809375667199E-14
tpunto1 : = 1.0003617617109
tduepunti0 : = -2.0311253855333E+14
v=v_elettrone : = 2795771.5814325
x0= : -7.3766065643561E-13
y0= : -4.5852763083213E-12
*****
i=33534
k(33534)=0.99999666964694
kQ(33534)=0.99999333930497
r1= : 4.6444151058766E-12
rpunto1: = 773712.85746559
rduepunti0 : = -1.0184386210108E+25
fil : = 488.35828405509
fipunto1 : = 5.7827700083638E+17
fi_gradi : = 27980.868566607
t1 : = 1.0809375784521E-14
tpunto1 : = 1.0003617379278
tduepunti0 : = -2.0279198290973E+14
v=v_elettrone : = 2795389.6212898
x0= : -7.3736410988386E-13
y0= : -4.5854161952302E-12
*****
i=33535
k(33535)=0.99999667992105
kQ(33535)=0.99999335985312
r1= : 4.6445058459095E-12
rpunto1: = 772518.4891216
rduepunti0 : = -1.0184018171325E+25
fil : = 488.35835187466
fipunto1 : = 5.7825440471915E+17
fi_gradi : = 27980.872452383
t1 : = 1.0809375901842E-14
tpunto1 : = 1.0003617141822
tduepunti0 : = -2.0247147580094E+14
v=v_elettrone : = 2795008.2106268
x0= : -7.3706753770924E-13
y0= : -4.5855559227372E-12
*****
i=33536
k(33536)=0.99999669017892
kQ(33536)=0.99999338036878
r1= : 4.6445964458685E-12
rpunto1: = 771324.16387186
rduepunti0 : = -1.0183650719587E+25
fil : = 488.35841969158
fipunto1 : = 5.7823184480553E+17
fi_gradi : = 27980.876338006
t1 : = 1.0809376019163E-14
tpunto1 : = 1.0003616904742
tduepunti0 : = -2.021510171462E+14
v=v_elettrone : = 2794627.3517815
x0= : -7.3677093992377E-13
y0= : -4.5856954908467E-12
```



```
*****
i=33537
k(33537)=0.99999670042054
kQ(33537)=0.99999340085197
r1= : 4.6446869057586E-12
rpunto1 : = 770129.88164754
rduepunti0 : = -1.0183283854778E+25
fil : = 488.35848750585
fipunto1 : = 5.7820932108803E+17
fi_gradi : = 27980.880223478
t1 : = 1.0809376136484E-14
tpunto1 : = 1.0003616668037
tduepunti0 : = -2.0183060686478E+14
v=v_elettrone : = 2794247.0449252
x0= : -7.3647431653917E-13
y0= : -4.5858348995633E-12
*****
i=33538
k(33538)=0.99999671064593
kQ(33538)=0.99999342130268
r1= : 4.6447772255848E-12
rpunto1 : = 768935.64237983
rduepunti0 : = -1.0182917576787E+25
fil : = 488.35855531749
fipunto1 : = 5.7818683355918E+17
fi_gradi : = 27980.884108798
t1 : = 1.0809376253805E-14
tpunto1 : = 1.0003616431709
tduepunti0 : = -2.0151024487598E+14
v=v_elettrone : = 2793867.2880513
x0= : -7.3617766756718E-13
y0= : -4.5859741488914E-12
*****
i=33539
k(33539)=0.99999672085508
kQ(33539)=0.99999344172092
r1= : 4.6448674053522E-12
rpunto1 : = 767741.44599992
rduepunti0 : = -1.0182551885501E+25
fil : = 488.35862312648
fipunto1 : = 5.7816438221152E+17
fi_gradi : = 27980.887993968
t1 : = 1.0809376371126E-14
tpunto1 : = 1.0003616195756
tduepunti0 : = -2.0118993109913E+14
v=v_elettrone : = 2793488.0834991
x0= : -7.3588099301977E-13
y0= : -4.5861132388356E-12
*****
i=33540
k(33540)=0.999996731048
kQ(33540)=0.99999346210669
r1= : 4.6449574450658E-12
rpunto1 : = 766547.29243901
rduepunti0 : = -1.0182186780805E+25
fil : = 488.35869093285
fipunto1 : = 5.7814196703758E+17
fi_gradi : = 27980.891878986
t1 : = 1.0809376488447E-14
tpunto1 : = 1.0003615960179
tduepunti0 : = -2.0086966545359E+14
v=v_elettrone : = 2793109.43144
x0= : -7.3558429290866E-13
y0= : -4.5862521694003E-12
```

```
*****
i=33541
k(33541)=0.99999674122469
kQ(33541)=0.99999348246
r1= : 4.6450473447306E-12
rpunto1 : = 765353.18162831
rduepunti0 : = -1.0181822262589E+25
fil : = 488.35875873658
fipunto1 : = 5.7811958802995E+17
fi_gradi : = 27980.895763854
t1 : = 1.0809376605768E-14
tpunto1 : = 1.0003615724977
tduepunti0 : = -2.0054944785875E+14
v=v_elettrone : = 2792731.3298615
x0= : -7.3528756724556E-13
y0= : -4.58639094059E-12
*****
i=33542
k(33542)=0.99999675138515
kQ(33542)=0.99999350278086
r1= : 4.6451371043517E-12
rpunto1 : = 764159.11349907
rduepunti0 : = -1.0181458330739E+25
fil : = 488.35882653769
fipunto1 : = 5.7809724518119E+17
fi_gradi : = 27980.899648571
t1 : = 1.0809376723089E-14
tpunto1 : = 1.0003615490151
tduepunti0 : = -2.0022927823404E+14
v=v_elettrone : = 2792353.78111104
x0= : -7.3499081604243E-13
y0= : -4.5865295524091E-12
*****
i=33543
k(33543)=0.99999676152939
kQ(33543)=0.99999352306926
r1= : 4.645226723934E-12
rpunto1 : = 762965.08798253
rduepunti0 : = -1.0181094985144E+25
fil : = 488.35889433618
fipunto1 : = 5.7807493848388E+17
fi_gradi : = 27980.903533139
t1 : = 1.0809376840411E-14
tpunto1 : = 1.00036152557
tduepunti0 : = -1.9990915649891E+14
v=v_elettrone : = 2791976.7831782
x0= : -7.3469403931095E-13
y0= : -4.5866680048621E-12
*****
i=33544
k(33544)=0.9999967716574
kQ(33544)=0.99999354332522
r1= : 4.6453162034826E-12
rpunto1 : = 761771.10500994
rduepunti0 : = -1.018073222569E+25
fil : = 488.35896213205
fipunto1 : = 5.7805266793064E+17
fi_gradi : = 27980.907417556
t1 : = 1.0809376957732E-14
tpunto1 : = 1.0003615021624
tduepunti0 : = -1.9958908257285E+14
v=v_elettrone : = 2791600.3384049
x0= : -7.3439723706309E-13
y0= : -4.5868062979534E-12
```

```
*****
i=33545
k(33545)=0.99999678176919
kQ(33545)=0.99999356354874
r1= : 4.6454055430024E-12
rpunto1: = 760577.16451258
rduepunti0 : = -1.0180370052267E+25
fil : = 488.35902992532
fipunto1 : = 5.7803043351407E+17
fi_gradi : = 27980.911301824
t1 : = 1.0809377075053E-14
tpunto1 : = 1.0003614787924
tduepunti0 : = -1.9926905637538E+14
v=v_elettrone : = 2791224.4469518
x0= : -7.3410040931052E-13
y0= : -4.5869444316874E-12
*****
i=33546
k(33546)=0.99999679186476
kQ(33546)=0.99999358373981
r1= : 4.6454947424984E-12
rpunto1: = 759383.26642172
rduepunti0 : = -1.0180008464763E+25
fil : = 488.35909771597
fipunto1 : = 5.7800823522681E+17
fi_gradi : = 27980.915185942
t1 : = 1.0809377192374E-14
tpunto1 : = 1.0003614554599
tduepunti0 : = -1.9894907782604E+14
v=v_elettrone : = 2790849.1068198
x0= : -7.3380355606491E-13
y0= : -4.5870824060686E-12
*****
i=33547
k(33547)=0.99999680194411
kQ(33547)=0.99999360389845
r1= : 4.6455838019757E-12
rpunto1: = 758189.41066868
rduepunti0 : = -1.0179647463066E+25
fil : = 488.35916550402
fipunto1 : = 5.7798607306148E+17
fi_gradi : = 27980.919069911
t1 : = 1.0809377309695E-14
tpunto1 : = 1.000361432165
tduepunti0 : = -1.986291468444E+14
v=v_elettrone : = 2790474.320342
x0= : -7.335066773382E-13
y0= : -4.5872202211013E-12
*****
i=33548
k(33548)=0.99999681200725
kQ(33548)=0.99999362402467
r1= : 4.645672721439E-12
rpunto1: = 756995.59718475
rduepunti0 : = -1.0179287047065E+25
fil : = 488.35923328947
fipunto1 : = 5.7796394701074E+17
fi_gradi : = 27980.922953732
t1 : = 1.0809377427016E-14
tpunto1 : = 1.0003614089075
tduepunti0 : = -1.9830926335009E+14
v=v_elettrone : = 2790100.0855177
x0= : -7.3320977314203E-13
y0= : -4.58735787679E-12
```

```
*****
i=33549
k(33549)=0.99999682205418
kQ(33549)=0.99999364411845
r1= : 4.6457615008935E-12
rpunto1: = 755801.82590126
rduepunti0 : = -1.0178927216649E+25
fil : = 488.35930107233
fipunto1 : = 5.7794185706725E+17
fi_gradi : = 27980.926837403
t1 : = 1.0809377544337E-14
tpunto1 : = 1.0003613856876
tduepunti0 : = -1.9798942726273E+14
v=v_elettrone : = 2789726.4046831
x0= : -7.3291284348834E-13
y0= : -4.5874953731391E-12
*****
i=33550
k(33550)=0.99999683208489
kQ(33550)=0.99999366417982
r1= : 4.6458501403441E-12
rpunto1: = 754608.09674955
rduepunti0 : = -1.0178567971707E+25
fil : = 488.35936885259
fipunto1 : = 5.779198032237E+17
fi_gradi : = 27980.930720926
t1 : = 1.0809377661658E-14
tpunto1 : = 1.0003613625051
tduepunti0 : = -1.9766963850201E+14
v=v_elettrone : = 2789353.275833
x0= : -7.3261588838875E-13
y0= : -4.5876327101529E-12
*****
i=33551
k(33551)=0.9999968420994
kQ(33551)=0.99999368420878
r1= : 4.6459386397957E-12
rpunto1: = 753414.40966097
rduepunti0 : = -1.0178209312129E+25
fil : = 488.35943663027
fipunto1 : = 5.7789778547276E+17
fi_gradi : = 27980.934604301
t1 : = 1.0809377778979E-14
tpunto1 : = 1.0003613393602
tduepunti0 : = -1.9734989698761E+14
v=v_elettrone : = 2788980.7012979
x0= : -7.3231890785518E-13
y0= : -4.5877698878358E-12
*****
i=33552
k(33552)=0.9999968520977
kQ(33552)=0.99999370420532
r1= : 4.6460269992532E-12
rpunto1: = 752220.76456688
rduepunti0 : = -1.0177851237803E+25
fil : = 488.35950440537
fipunto1 : = 5.7787580380715E+17
fi_gradi : = 27980.938487528
t1 : = 1.08093778963E-14
tpunto1 : = 1.0003613162527
tduepunti0 : = -1.9703020263927E+14
v=v_elettrone : = 2788608.679086
x0= : -7.3202190189926E-13
y0= : -4.5879069061922E-12
```

```
*****
i=33553
k(33553)=0.9999968620798
kQ(33553)=0.99999372416945
r1= : 4.6461152187215E-12
rpunto1: = 751027.16139865
rduepunti0 : = -1.017749374862E+25
fil : = 488.35957217789
fipunto1 : = 5.7785385821958E+17
fi_gradi : = 27980.942370608
t1 : = 1.0809378013621E-14
tpunto1 : = 1.0003612931828
tduepunti0 : = -1.9671055537675E+14
v=v_elettrone : = 2788237.2115159
x0= : -7.3172487053288E-13
y0= : -4.5880437652264E-12
*****
i=33554
k(33554)=0.9999968720457
kQ(33554)=0.99999374410119
r1= : 4.6462032982057E-12
rpunto1: = 749833.60008767
rduepunti0 : = -1.017713684447E+25
fil : = 488.35963994784
fipunto1 : = 5.7783194870277E+17
fi_gradi : = 27980.946253539
t1 : = 1.0809378130942E-14
tpunto1 : = 1.0003612701503
tduepunti0 : = -1.9639095511984E+14
v=v_elettrone : = 2787866.2965933
x0= : -7.3142781376765E-13
y0= : -4.5881804649428E-12
*****
i=33555
k(33555)=0.9999968819954
kQ(33555)=0.99999376400052
r1= : 4.6462912377105E-12
rpunto1: = 748640.08056535
rduepunti0 : = -1.0176780525242E+25
fil : = 488.35970771521
fipunto1 : = 5.7781007524946E+17
fi_gradi : = 27980.950136324
t1 : = 1.0809378248263E-14
tpunto1 : = 1.0003612471553
tduepunti0 : = -1.9607140178836E+14
v=v_elettrone : = 2787495.9366535
x0= : -7.3113073161546E-13
y0= : -4.5883170053457E-12
*****
i=33556
k(33556)=0.9999968919289
kQ(33556)=0.99999378386746
r1= : 4.6463790372409E-12
rpunto1: = 747446.60276309
rduepunti0 : = -1.0176424790826E+25
fil : = 488.35977548002
fipunto1 : = 5.7778823785241E+17
fi_gradi : = 27980.954018962
t1 : = 1.0809378365585E-14
tpunto1 : = 1.0003612241978
tduepunti0 : = -1.9575189530217E+14
v=v_elettrone : = 2787126.129689
x0= : -7.308336240879E-13
y0= : -4.5884533864395E-12
```

```
*****
i=33557
k(33557)=0.99999690184621
kQ(33557)=0.99999380370202
r1= : 4.6464666968018E-12
rpunto1: = 746253.16661233
rduepunti0 : = -1.0176069641114E+25
fil : = 488.35984324227
fipunto1 : = 5.7776643650438E+17
fi_gradi : = 27980.957901453
t1 : = 1.0809378482906E-14
tpunto1 : = 1.0003612012777
tduepunti0 : = -1.9543243558115E+14
v=v_elettrone : = 2786756.8758592
x0= : -7.3053649119684E-13
y0= : -4.5885896082284E-12
*****
i=33558
k(33558)=0.99999691174732
kQ(33558)=0.99999382350418
r1= : 4.6465542163981E-12
rpunto1: = 745059.7720445
rduepunti0 : = -1.0175715075996E+25
fil : = 488.35991100196
fipunto1 : = 5.7774467119816E+17
fi_gradi : = 27980.961783797
t1 : = 1.0809378600227E-14
tpunto1 : = 1.0003611783951
tduepunti0 : = -1.9511302254521E+14
v=v_elettrone : = 2786388.1775091
x0= : -7.3023933295414E-13
y0= : -4.5887256707168E-12
*****
i=33559
k(33559)=0.99999692163225
kQ(33559)=0.99999384327397
r1= : 4.6466415960346E-12
rpunto1: = 743866.41899106
rduepunti0 : = -1.0175361095363E+25
fil : = 488.3599787591
fipunto1 : = 5.7772294192652E+17
fi_gradi : = 27980.965665995
t1 : = 1.0809378717548E-14
tpunto1 : = 1.00036115555
tduepunti0 : = -1.9479365611429E+14
v=v_elettrone : = 2786020.0326265
x0= : -7.2994214937138E-13
y0= : -4.588861573909E-12
*****
i=33560
k(33560)=0.99999693150099
kQ(33560)=0.99999386301139
r1= : 4.6467288357163E-12
rpunto1: = 742673.10738347
rduepunti0 : = -1.0175007699105E+25
fil : = 488.3600465137
fipunto1 : = 5.7770124868228E+17
fi_gradi : = 27980.969548047
t1 : = 1.0809378834869E-14
tpunto1 : = 1.0003611327423
tduepunti0 : = -1.9447433620836E+14
v=v_elettrone : = 2785652.4413751
x0= : -7.2964494046041E-13
y0= : -4.5889973178092E-12
```

```
*****
i=33561
k(33561)=0.99999694135354
kQ(33561)=0.99999388271643
r1= : 4.6468159354479E-12
rpunto1: = 741479.8371532
rduepunti0 : = -1.0174654887114E+25
fil : = 488.36011426574
fipunto1 : = 5.7767959145825E+17
fi_gradi : = 27980.973429954
t1 : = 1.080937895219E-14
tpunto1 : = 1.000361109972
tduepunti0 : = -1.9415506274744E+14
v=v_elettrone : = 2785285.4060881
x0= : -7.2934770623305E-13
y0= : -4.5891329024217E-12
*****
i=33562
k(33562)=0.99999695118991
kQ(33562)=0.99999390238911
r1= : 4.6469028952343E-12
rpunto1: = 740286.60823176
rduepunti0 : = -1.0174302659281E+25
fil : = 488.36018201525
fipunto1 : = 5.7765797024725E+17
fi_gradi : = 27980.977311715
t1 : = 1.0809379069511E-14
tpunto1 : = 1.0003610872392
tduepunti0 : = -1.9383583565154E+14
v=v_elettrone : = 2784918.9247641
x0= : -7.2905044670088E-13
y0= : -4.5892683277509E-12
*****
i=33563
k(33563)=0.99999696101009
kQ(33563)=0.99999392202942
r1= : 4.6469897150804E-12
rpunto1: = 739093.42055064
rduepunti0 : = -1.0173951015498E+25
fil : = 488.36024976222
fipunto1 : = 5.7763638504213E+17
fi_gradi : = 27980.98119333
t1 : = 1.0809379186832E-14
tpunto1 : = 1.0003610645438
tduepunti0 : = -1.9351665484073E+14
v=v_elettrone : = 2784552.9975592
x0= : -7.2875316187572E-13
y0= : -4.589403593801E-12
*****
i=33564
k(33564)=0.9999969708141
kQ(33564)=0.99999394163738
r1= : 4.647076394991E-12
rpunto1: = 737900.27404136
rduepunti0 : = -1.0173599955657E+25
fil : = 488.36031750666
fipunto1 : = 5.7761483583575E+17
fi_gradi : = 27980.985074801
t1 : = 1.0809379304153E-14
tpunto1 : = 1.0003610418859
tduepunti0 : = -1.931975202351E+14
v=v_elettrone : = 2784187.6268218
x0= : -7.2845585176938E-13
y0= : -4.5895387005761E-12
```

```
*****
i=33565
k(33565)=0.99999698060193
kQ(33565)=0.99999396121298
r1= : 4.647162934971E-12
rpunto1: = 736707.16863545
rduepunti0 : = -1.0173249479649E+25
fil : = 488.36038524858
fipunto1 : = 5.7759332262096E+17
fi_gradi : = 27980.988956126
t1 : = 1.0809379421474E-14
tpunto1 : = 1.0003610192654
tduepunti0 : = -1.9287843175478E+14
v=v_elettrone : = 2783822.8105278
x0= : -7.2815851639341E-13
y0= : -4.5896736480807E-12
*****
i=33566
k(33566)=0.99999699037359
kQ(33566)=0.99999398075624
r1= : 4.6472493350251E-12
rpunto1: = 735514.10426445
rduepunti0 : = -1.0172899587368E+25
fil : = 488.36045298797
fipunto1 : = 5.7757184539065E+17
fi_gradi : = 27980.992837308
t1 : = 1.0809379538795E-14
tpunto1 : = 1.0003609966822
tduepunti0 : = -1.9255938931992E+14
v=v_elettrone : = 2783458.5488482
x0= : -7.2786115575962E-13
y0= : -4.5898084363189E-12
*****
i=33567
k(33567)=0.99999700012907
kQ(33567)=0.99999400026715
r1= : 4.6473355951582E-12
rpunto1: = 734321.08085992
rduepunti0 : = -1.0172550278704E+25
fil : = 488.36052072484
fipunto1 : = 5.775504041377E+17
fi_gradi : = 27980.996718344
t1 : = 1.0809379656116E-14
tpunto1 : = 1.0003609741365
tduepunti0 : = -1.9224039285069E+14
v=v_elettrone : = 2783094.8441154
x0= : -7.275637698798E-13
y0= : -4.589943065295E-12
*****
i=33568
k(33568)=0.99999700986839
kQ(33568)=0.99999401974572
r1= : 4.647421715375E-12
rpunto1: = 733128.09835341
rduepunti0 : = -1.0172201553551E+25
fil : = 488.36058845919
fipunto1 : = 5.7752899885503E+17
fi_gradi : = 27981.000599237
t1 : = 1.0809379773437E-14
tpunto1 : = 1.0003609516282
tduepunti0 : = -1.9192144226731E+14
v=v_elettrone : = 2782731.6921508
x0= : -7.2726635876548E-13
y0= : -4.5900775350131E-12
```



```
*****
i=33569
k(33569)=0.99999701959153
kQ(33569)=0.99999403919195
r1= : 4.6475076956804E-12
rpunto1: = 731935.15667651
rduepunti0 : = -1.0171853411801E+25
fil : = 488.36065619104
fipunto1 : = 5.7750762953554E+17
fi_gradi : = 27981.004479986
t1 : = 1.0809379890758E-14
tpunto1 : = 1.0003609291573
tduepunti0 : = -1.9160253749001E+14
v=v_elettrone : = 2782369.0974604
x0= : -7.2696892242871E-13
y0= : -4.5902118454775E-12
*****
i=33570
k(33570)=0.99999702929851
kQ(33570)=0.99999405860585
r1= : 4.6475935360792E-12
rpunto1: = 730742.25576081
rduepunti0 : = -1.0171505853347E+25
fil : = 488.36072392038
fipunto1 : = 5.7748629617217E+17
fi_gradi : = 27981.008360591
t1 : = 1.0809380008079E-14
tpunto1 : = 1.0003609067238
tduepunti0 : = -1.9128367843907E+14
v=v_elettrone : = 2782007.0580321
x0= : -7.2667146088099E-13
y0= : -4.5903459966924E-12
*****
i=33571
k(33571)=0.99999703898933
kQ(33571)=0.99999407798743
r1= : 4.6476792365761E-12
rpunto1: = 729549.39553792
rduepunti0 : = -1.0171158878083E+25
fil : = 488.36079164722
fipunto1 : = 5.7746499875786E+17
fi_gradi : = 27981.012241053
t1 : = 1.08093801254E-14
tpunto1 : = 1.0003608843277
tduepunti0 : = -1.9096486503479E+14
v=v_elettrone : = 2781645.5740304
x0= : -7.263739741341E-13
y0= : -4.590479988662E-12
*****
i=33572
k(33572)=0.99999704866399
kQ(33572)=0.99999409733668
r1= : 4.647764797176E-12
rpunto1: = 728356.57593945
rduepunti0 : = -1.0170812485902E+25
fil : = 488.36085937156
fipunto1 : = 5.7744373728556E+17
fi_gradi : = 27981.016121372
t1 : = 1.0809380242721E-14
tpunto1 : = 1.000360861969
tduepunti0 : = -1.9064609719748E+14
v=v_elettrone : = 2781284.6477902
x0= : -7.260764621998E-13
y0= : -4.5906138213904E-12
```

```
*****
i=33573
k(33573)=0.99999705832248
kQ(33573)=0.99999411665362
r1= : 4.6478502178835E-12
rpunto1: = 727163.79689704
rduepunti0 : = -1.0170466676696E+25
fil : = 488.36092709341
fipunto1 : = 5.7742251174824E+17
fi_gradi : = 27981.020001548
t1 : = 1.0809380360042E-14
tpunto1 : = 1.0003608396477
tduepunti0 : = -1.9032737484752E+14
v=v_elettrone : = 2780924.275127
x0= : -7.2577892508959E-13
y0= : -4.5907474948818E-12
*****
i=33574
k(33574)=0.99999706796482
kQ(33574)=0.99999413593824
r1= : 4.6479354987034E-12
rpunto1: = 725971.05834232
rduepunti0 : = -1.0170121450361E+25
fil : = 488.36099481276
fipunto1 : = 5.7740132213887E+17
fi_gradi : = 27981.023881582
t1 : = 1.0809380477363E-14
tpunto1 : = 1.0003608173637
tduepunti0 : = -1.9000869790529E+14
v=v_elettrone : = 2780564.4605529
x0= : -7.2548136281549E-13
y0= : -4.5908810091405E-12
*****
i=33575
k(33575)=0.999997077591
kQ(33575)=0.99999415519055
r1= : 4.6480206396405E-12
rpunto1: = 724778.36020694
rduepunti0 : = -1.0169776806789E+25
fil : = 488.36106252964
fipunto1 : = 5.7738016845046E+17
fi_gradi : = 27981.027761473
t1 : = 1.0809380594684E-14
tpunto1 : = 1.0003607951171
tduepunti0 : = -1.8969006629119E+14
v=v_elettrone : = 2780205.2020463
x0= : -7.2518377538896E-13
y0= : -4.5910143641705E-12
*****
i=33576
k(33576)=0.99999708720103
kQ(33576)=0.99999417441055
r1= : 4.6481056406996E-12
rpunto1: = 723585.70242258
rduepunti0 : = -1.0169432745874E+25
fil : = 488.36113024403
fipunto1 : = 5.7735905067599E+17
fi_gradi : = 27981.031641222
t1 : = 1.0809380712005E-14
tpunto1 : = 1.0003607729079
tduepunti0 : = -1.8937147992569E+14
v=v_elettrone : = 2779846.4997784
x0= : -7.2488616282176E-13
y0= : -4.591147559976E-12
```

```
*****
i=33577
k(33577)=0.99999709679491
kQ(33577)=0.99999419359826
r1= : 4.6481905018853E-12
rpunto1: = 722393.08492091
rduepunti0 : = -1.0169089267512E+25
fil : = 488.36119795594
fipunto1 : = 5.773379688085E+17
fi_gradi : = 27981.035520829
t1 : = 1.0809380829326E-14
tpunto1 : = 1.000360750736
tduepunti0 : = -1.8905293872924E+14
v=v_elettrone : = 2779488.3539006
x0= : -7.2458852512561E-13
y0= : -4.5912805965612E-12
*****
i=33578
k(33578)=0.99999710637265
kQ(33578)=0.99999421275366
r1= : 4.6482752232023E-12
rpunto1: = 721200.50763363
rduepunti0 : = -1.0168746371595E+25
fil : = 488.36126566539
fipunto1 : = 5.77316922841E+17
fi_gradi : = 27981.039400294
t1 : = 1.0809380946647E-14
tpunto1 : = 1.0003607286014
tduepunti0 : = -1.8873444262236E+14
v=v_elettrone : = 2779130.7645918
x0= : -7.2429086231224E-13
y0= : -4.5914134739301E-12
*****
i=33579
k(33579)=0.99999711593423
kQ(33579)=0.99999423187678
r1= : 4.6483598046555E-12
rpunto1: = 720007.97049244
rduepunti0 : = -1.016840405802E+25
fil : = 488.36133337236
fipunto1 : = 5.7729591276654E+17
fi_gradi : = 27981.043279618
t1 : = 1.0809381063968E-14
tpunto1 : = 1.0003607065043
tduepunti0 : = -1.8841599152557E+14
v=v_elettrone : = 2778773.7319908
x0= : -7.2399317439337E-13
y0= : -4.591546192087E-12
*****
i=33580
k(33580)=0.99999712547967
kQ(33580)=0.99999425096761
r1= : 4.6484442462495E-12
rpunto1: = 718815.47342905
rduepunti0 : = -1.016806232668E+25
fil : = 488.36140107687
fipunto1 : = 5.7727493857818E+17
fi_gradi : = 27981.0471588
t1 : = 1.0809381181289E-14
tpunto1 : = 1.0003606844444
tduepunti0 : = -1.8809758535944E+14
v=v_elettrone : = 2778417.2584481
x0= : -7.2369546138071E-13
y0= : -4.5916787510358E-12
```

```
*****
i=33581
k(33581)=0.99999713500897
kQ(33581)=0.99999427002615
r1= : 4.6485285479889E-12
rpunto1 : = 717623.01637519
rduepunti0 : = -1.0167721177471E+25
fil : = 488.36146877892
fipunto1 : = 5.7725400026897E+17
fi_gradi : = 27981.051037842
t1 : = 1.080938129861E-14
tpunto1 : = 1.0003606624219
tduepunti0 : = -1.8777922404456E+14
v=v_elettrone : = 2778061.3397697
x0= : -7.233977232857E-13
y0= : -4.5918111507808E-12
*****
i=33582
k(33582)=0.99999714452213
kQ(33582)=0.99999428905241
r1= : 4.6486127098786E-12
rpunto1 : = 716430.59926261
rduepunti0 : = -1.0167380610288E+25
fil : = 488.36153647852
fipunto1 : = 5.7723309783201E+17
fi_gradi : = 27981.054916743
t1 : = 1.0809381415931E-14
tpunto1 : = 1.0003606404368
tduepunti0 : = -1.8746090750155E+14
v=v_elettrone : = 2777705.9782917
x0= : -7.230999601203E-13
y0= : -4.591943391326E-12
*****
i=33583
k(33583)=0.99999715401915
kQ(33583)=0.9999943080464
r1= : 4.6486967319231E-12
rpunto1 : = 715238.22202306
rduepunti0 : = -1.0167040625026E+25
fil : = 488.36160417566
fipunto1 : = 5.7721223126037E+17
fi_gradi : = 27981.058795504
t1 : = 1.0809381533252E-14
tpunto1 : = 1.0003606184889
tduepunti0 : = -1.8714263565104E+14
v=v_elettrone : = 2777351.1741673
x0= : -7.2280217189621E-13
y0= : -4.5920754726754E-12
*****
i=33584
k(33584)=0.99999716350004
kQ(33584)=0.99999432700812
r1= : 4.6487806141272E-12
rpunto1 : = 714045.8845883
rduepunti0 : = -1.0166701221581E+25
fil : = 488.36167187036
fipunto1 : = 5.7719140054717E+17
fi_gradi : = 27981.062674124
t1 : = 1.0809381650573E-14
tpunto1 : = 1.0003605965784
tduepunti0 : = -1.8682440841372E+14
v=v_elettrone : = 2776996.9297473
x0= : -7.2250435862512E-13
y0= : -4.5922073948332E-12
```

```
*****
i=33585
k(33585)=0.99999717296479
kQ(33585)=0.99999434593757
r1= : 4.6488643564956E-12
rpunto1: = 712853.58689011
rduepunti0 : = -1.0166362399848E+25
fil : = 488.36173956261
fipunto1 : = 5.7717060568552E+17
fi_gradi : = 27981.066552605
t1 : = 1.0809381767894E-14
tpunto1 : = 1.0003605747052
tduepunti0 : = -1.865062257103E+14
v=v_elettrone : = 2776643.2408291
x0= : -7.2220652031845E-13
y0= : -4.5923391578034E-12
*****
i=33586
k(33586)=0.99999718241341
kQ(33586)=0.99999436483476
r1= : 4.6489479590328E-12
rpunto1: = 711661.32886028
rduepunti0 : = -1.0166024159724E+25
fil : = 488.36180725242
fipunto1 : = 5.7714984666855E+17
fi_gradi : = 27981.070430945
t1 : = 1.0809381885215E-14
tpunto1 : = 1.0003605528693
tduepunti0 : = -1.861880874615E+14
v=v_elettrone : = 2776290.109747
x0= : -7.2190865698812E-13
y0= : -4.5924707615902E-12
*****
i=33587
k(33587)=0.9999971918459
kQ(33587)=0.99999438369969
r1= : 4.6490314217435E-12
rpunto1: = 710469.11043061
rduepunti0 : = -1.0165686501104E+25
fil : = 488.3618749398
fipunto1 : = 5.771291234894E+17
fi_gradi : = 27981.074309147
t1 : = 1.0809382002536E-14
tpunto1 : = 1.0003605310707
tduepunti0 : = -1.8586999358809E+14
v=v_elettrone : = 2775937.5388495
x0= : -7.2161076864581E-13
y0= : -4.5926022061974E-12
*****
i=33588
k(33588)=0.99999720126226
kQ(33588)=0.99999440253236
r1= : 4.6491147446324E-12
rpunto1: = 709276.93153291
rduepunti0 : = -1.0165349423884E+25
fil : = 488.36194262475
fipunto1 : = 5.7710843614122E+17
fi_gradi : = 27981.078187208
t1 : = 1.0809382119857E-14
tpunto1 : = 1.0003605093094
tduepunti0 : = -1.8555194401086E+14
v=v_elettrone : = 2775585.5239246
x0= : -7.2131285530292E-13
y0= : -4.5927334916293E-12
```

```
*****
i=33589
k(33589)=0.9999972106625
kQ(33589)=0.99999442133279
r1= : 4.6491979277042E-12
rpunto1: = 708084.79209902
rduepunti0 : = -1.0165012927962E+25
fil : = 488.36201030728
fipunto1 : = 5.7708778461718E+17
fi_gradi : = 27981.082065131
t1 : = 1.0809382237178E-14
tpunto1 : = 1.0003604875854
tduepunti0 : = -1.8523393865062E+14
v=v_elettrone : = 2775234.0673257
x0= : -7.2101491697137E-13
y0= : -4.5928646178897E-12
*****
i=33590
k(33590)=0.99999722004662
kQ(33590)=0.99999444010097
r1= : 4.6492809709634E-12
rpunto1: = 706892.69206077
rduepunti0 : = -1.0164677013234E+25
fil : = 488.36207798738
fipunto1 : = 5.7706716891047E+17
fi_gradi : = 27981.085942916
t1 : = 1.0809382354499E-14
tpunto1 : = 1.0003604658987
tduepunti0 : = -1.8491597742823E+14
v=v_elettrone : = 2774883.1691971
x0= : -7.207169536628E-13
y0= : -4.5929955849828E-12
*****
i=33591
k(33591)=0.99999722941461
kQ(33591)=0.99999445883691
r1= : 4.6493638744146E-12
rpunto1: = 705700.63135001
rduepunti0 : = -1.0164341679597E+25
fil : = 488.36214566506
fipunto1 : = 5.7704658901426E+17
fi_gradi : = 27981.089820561
t1 : = 1.080938247182E-14
tpunto1 : = 1.0003604442493
tduepunti0 : = -1.8459806026455E+14
v=v_elettrone : = 2774532.8297097
x0= : -7.2041896538885E-13
y0= : -4.5931263929126E-12
*****
i=33592
k(33592)=0.99999723876649
kQ(33592)=0.99999447754061
r1= : 4.6494466380625E-12
rpunto1: = 704508.6098986
rduepunti0 : = -1.0164006926947E+25
fil : = 488.36221334033
fipunto1 : = 5.7702604492177E+17
fi_gradi : = 27981.093698069
t1 : = 1.0809382589141E-14
tpunto1 : = 1.0003604226371
tduepunti0 : = -1.8428018708049E+14
v=v_elettrone : = 2774183.0490162
x0= : -7.2012095216117E-13
y0= : -4.593257041683E-12
```

```
*****
i=33593
k(33593)=0.99999724810225
kQ(33593)=0.99999449621207
r1= : 4.6495292619118E-12
rpunto1: = 703316.62763843
rduepunti0 : = -1.0163672755183E+25
fil : = 488.36228101319
fipunto1 : = 5.7700553662621E+17
fi_gradi : = 27981.097575438
t1 : = 1.0809382706462E-14
tpunto1 : = 1.0003604010623
tduepunti0 : = -1.8396235779699E+14
v=v_elettrone : = 2773833.8250966
x0= : -7.1982291399138E-13
y0= : -4.593387531298E-12
*****
i=33594
k(33594)=0.9999972574219
kQ(33594)=0.99999451485131
r1= : 4.6496117459668E-12
rpunto1: = 702124.68450136
rduepunti0 : = -1.0163339164201E+25
fil : = 488.36234868365
fipunto1 : = 5.7698506412081E+17
fi_gradi : = 27981.101452669
t1 : = 1.0809382823783E-14
tpunto1 : = 1.0003603795247
tduepunti0 : = -1.8364457233500E+14
v=v_elettrone : = 2773485.1624709
x0= : -7.1952485089138E-13
y0= : -4.5935178617617E-12
*****
i=33595
k(33595)=0.99999726672543
kQ(33595)=0.99999453345833
r1= : 4.6496940902324E-12
rpunto1: = 700932.78041931
rduepunti0 : = -1.0163006153898E+25
fil : = 488.3624163517
fipunto1 : = 5.769646273988E+17
fi_gradi : = 27981.105329763
t1 : = 1.0809382941104E-14
tpunto1 : = 1.0003603580244
tduepunti0 : = -1.8332683061552E+14
v=v_elettrone : = 2773137.0569298
x0= : -7.192267628725E-13
y0= : -4.5936480330779E-12
*****
i=33596
k(33596)=0.99999727601285
kQ(33596)=0.99999455203312
r1= : 4.649776294713E-12
rpunto1: = 699740.91532418
rduepunti0 : = -1.0162673724174E+25
fil : = 488.36248401736
fipunto1 : = 5.7694422645345E+17
fi_gradi : = 27981.10920672
t1 : = 1.0809383058425E-14
tpunto1 : = 1.0003603365613
tduepunti0 : = -1.8300913255955E+14
v=v_elettrone : = 2772789.5108238
x0= : -7.1892864994664E-13
y0= : -4.5937780452508E-12
```

```
*****
i=33597
k(33597)=0.99999728528416
kQ(33597)=0.9999945705757
r1= : 4.6498583594132E-12
rpunto1: = 698549.0891479
rduepunti0 : = -1.0162341874926E+25
fil : = 488.36255168062
fipunto1 : = 5.7692386127801E+17
fi_gradi : = 27981.113083539
t1 : = 1.0809383175746E-14
tpunto1 : = 1.0003603151355
tduepunti0 : = -1.8269147808814E+14
v=v_elettrone : = 2772442.5242976
x0= : -7.1863051212539E-13
y0= : -4.5939078982841E-12
*****
i=33598
k(33598)=0.99999729453937
kQ(33598)=0.99999458908606
r1= : 4.6499402843376E-12
rpunto1: = 697357.3018224
rduepunti0 : = -1.0162010606051E+25
fil : = 488.3626193415
fipunto1 : = 5.7690353186578E+17
fi_gradi : = 27981.116960222
t1 : = 1.0809383293067E-14
tpunto1 : = 1.0003602937469
tduepunti0 : = -1.8237386712236E+14
v=v_elettrone : = 2772096.0975206
x0= : -7.1833234942035E-13
y0= : -4.594037592182E-12
*****
i=33599
k(33599)=0.99999730377847
kQ(33599)=0.99999460756422
r1= : 4.6500220694908E-12
rpunto1: = 696165.55327963
rduepunti0 : = -1.0161679917449E+25
fil : = 488.36268699999
fipunto1 : = 5.7688323821002E+17
fi_gradi : = 27981.120836768
t1 : = 1.0809383410388E-14
tpunto1 : = 1.0003602723956
tduepunti0 : = -1.8205629958332E+14
v=v_elettrone : = 2771750.230642
x0= : -7.1803416184312E-13
y0= : -4.5941671269483E-12
*****
i=33600
k(33600)=0.99999731300148
kQ(33600)=0.99999462601017
r1= : 4.6501037148772E-12
rpunto1: = 694973.84345154
rduepunti0 : = -1.0161349809018E+25
fil : = 488.36275465611
fipunto1 : = 5.7686298030406E+17
fi_gradi : = 27981.124713178
t1 : = 1.0809383527709E-14
tpunto1 : = 1.0003602510815
tduepunti0 : = -1.8173877539213E+14
v=v_elettrone : = 2771404.9216403
x0= : -7.1773594940528E-13
y0= : -4.5942965025869E-12
```



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*****
i=33601
k(33601)=0.99999732220838
kQ(33601)=0.99999464442393
r1= : 4.6501852205015E-12
rpunto1: = 693782.17227011
rduepunti0 : = -1.0161020280656E+25
fil : = 488.36282230984
fipunto1 : = 5.768427581412E+17
fi_gradi : = 27981.128589451
t1 : = 1.080938364503E-14
tpunto1 : = 1.0003602298046
tduepunti0 : = -1.8142129446997E+14
v=v_elettrone : = 2771060.172857
x0= : -7.1743771211867E-13
y0= : -4.5944257191019E-12
*****
i=33602
k(33602)=0.99999733139918
kQ(33602)=0.99999466280548
r1= : 4.6502665863681E-12
rpunto1: = 692590.53966731
rduepunti0 : = -1.0160691332262E+25
fil : = 488.36288996121
fipunto1 : = 5.7682257171477E+17
fi_gradi : = 27981.132465589
t1 : = 1.080938376235E-14
tpunto1 : = 1.000360208565
tduepunti0 : = -1.81103856738E+14
v=v_elettrone : = 2770715.9844481
x0= : -7.1713944999487E-13
y0= : -4.594554776497E-12
*****
i=33603
k(33603)=0.99999734057389
kQ(33603)=0.99999468115485
r1= : 4.6503478124816E-12
rpunto1: = 691398.94557515
rduepunti0 : = -1.0160362963737E+25
fil : = 488.36295761021
fipunto1 : = 5.7680242101811E+17
fi_gradi : = 27981.136341591
t1 : = 1.0809383879671E-14
tpunto1 : = 1.0003601873626
tduepunti0 : = -1.8078646211744E+14
v=v_elettrone : = 2770372.3565673
x0= : -7.1684116304545E-13
y0= : -4.5946836747762E-12
*****
i=33604
k(33604)=0.9999973497325
kQ(33604)=0.99999469947203
r1= : 4.6504288988465E-12
rpunto1: = 690207.38992562
rduepunti0 : = -1.0160035174978E+25
fil : = 488.36302525684
fipunto1 : = 5.7678230604457E+17
fi_gradi : = 27981.140217458
t1 : = 1.0809383996992E-14
tpunto1 : = 1.0003601661974
tduepunti0 : = -1.8046911052952E+14
v=v_elettrone : = 2770029.287187
x0= : -7.1654285128197E-13
y0= : -4.5948124139435E-12
```

```
*****
i=33605
k(33605)=0.99999735887502
kQ(33605)=0.99999471775702
r1= : 4.6505098454673E-12
rpunto1: = 689015.87265075
rduepunti0 : = -1.0159707965885E+25
fil : = 488.36309290111
fipunto1 : = 5.7676222678752E+17
fi_gradi : = 27981.144093189
t1 : = 1.0809384114313E-14
tpunto1 : = 1.0003601450695
tduepunti0 : = -1.8015180189553E+14
v=v_elettrone : = 2769686.7786531
x0= : -7.1624451471625E-13
y0= : -4.5949409940026E-12
*****
i=33606
k(33606)=0.99999736800145
kQ(33606)=0.99999473600984
r1= : 4.6505906523485E-12
rpunto1: = 687824.39368257
rduepunti0 : = -1.0159381336358E+25
fil : = 488.36316054303
fipunto1 : = 5.7674218324034E+17
fi_gradi : = 27981.147968786
t1 : = 1.0809384231634E-14
tpunto1 : = 1.0003601239787
tduepunti0 : = -1.7983453613673E+14
v=v_elettrone : = 2769344.8311232
x0= : -7.1594615335983E-13
y0= : -4.5950694149575E-12
*****
i=33607
k(33607)=0.99999737711118
kQ(33607)=0.99999475423048
r1= : 4.6506713194947E-12
rpunto1: = 686632.95295311
rduepunti0 : = -1.0159055286297E+25
fil : = 488.3632281826
fipunto1 : = 5.7672217539641E+17
fi_gradi : = 27981.151844248
t1 : = 1.0809384348955E-14
tpunto1 : = 1.0003601029251
tduepunti0 : = -1.7951731317447E+14
v=v_elettrone : = 2769003.4425548
x0= : -7.1564776722426E-13
y0= : -4.595197676812E-12
*****
i=33608
k(33608)=0.99999738620606
kQ(33608)=0.99999477241894
r1= : 4.6507518469102E-12
rpunto1: = 685441.55039442
rduepunti0 : = -1.0158729815602E+25
fil : = 488.36329581983
fipunto1 : = 5.7670220324914E+17
fi_gradi : = 27981.155719575
t1 : = 1.0809384466276E-14
tpunto1 : = 1.0003600819088
tduepunti0 : = -1.7920013293008E+14
v=v_elettrone : = 2768662.6153065
x0= : -7.1534935632134E-13
y0= : -4.59532577957E-12
```

```
*****
i=33609
k(33609)=0.99999739528423
kQ(33609)=0.99999479057525
r1= : 4.6508322345996E-12
rpunto1: = 684250.18593858
rduepunti0 : = -1.0158404924173E+25
fil : = 488.36336345471
fipunto1 : = 5.7668226679193E+17
fi_gradi : = 27981.159594768
t1 : = 1.0809384583597E-14
tpunto1 : = 1.0003600609296
tduepunti0 : = -1.7888299532495E+14
v=v_elettrone : = 2768322.349525
x0= : -7.150509206626E-13
y0= : -4.5954537232354E-12
*****
i=33610
k(33610)=0.99999740434632
kQ(33610)=0.99999480869939
r1= : 4.6509124825673E-12
rpunto1: = 683058.85951766
rduepunti0 : = -1.015808061191E+25
fil : = 488.36343108725
fipunto1 : = 5.7666236601822E+17
fi_gradi : = 27981.163469828
t1 : = 1.0809384700918E-14
tpunto1 : = 1.0003600399876
tduepunti0 : = -1.7856590028046E+14
v=v_elettrone : = 2767982.6431769
x0= : -7.1475246025956E-13
y0= : -4.595581507812E-12
*****
i=33611
k(33611)=0.99999741339234
kQ(33611)=0.99999482679137
r1= : 4.6509925908178E-12
rpunto1: = 681867.57106374
rduepunti0 : = -1.0157756878714E+25
fil : = 488.36349871746
fipunto1 : = 5.7664250092145E+17
fi_gradi : = 27981.167344753
t1 : = 1.0809384818239E-14
tpunto1 : = 1.0003600190829
tduepunti0 : = -1.7824884771807E+14
v=v_elettrone : = 2767643.4986121
x0= : -7.1445397512401E-13
y0= : -4.5957091333036E-12
*****
i=33612
k(33612)=0.99999742242227
kQ(33612)=0.99999484485119
r1= : 4.6510725593556E-12
rpunto1: = 680676.32050893
rduepunti0 : = -1.0157433724486E+25
fil : = 488.36356634534
fipunto1 : = 5.7662267149506E+17
fi_gradi : = 27981.171219545
t1 : = 1.080938493556E-14
tpunto1 : = 1.0003599982152
tduepunti0 : = -1.7793183755921E+14
v=v_elettrone : = 2767304.9159787
x0= : -7.1415546526746E-13
y0= : -4.595836599714E-12
```

```
*****
i=33613
k(33613)=0.99999743143613
kQ(33613)=0.99999486287886
r1= : 4.651152388185E-12
rpunto1: = 679485.10778534
rduepunti0 : = -1.0157111149127E+25
fil : = 488.36363397089
fipunto1 : = 5.7660287773252E+17
fi_gradi : = 27981.175094204
t1 : = 1.0809385052881E-14
tpunto1 : = 1.0003599773848
tduepunti0 : = -1.7761486972539E+14
v=v_elettrone : = 2766966.8932502
x0= : -7.1385693070142E-13
y0= : -4.5959639070471E-12
*****
i=33614
k(33614)=0.99999744043392
kQ(33614)=0.99999488087439
r1= : 4.6512320773106E-12
rpunto1: = 678293.93282508
rduepunti0 : = -1.0156789152538E+25
fil : = 488.36370159412
fipunto1 : = 5.765831196273E+17
fi_gradi : = 27981.17896873
t1 : = 1.0809385170202E-14
tpunto1 : = 1.0003599565915
tduepunti0 : = -1.772979441381E+14
v=v_elettrone : = 2766629.4327617
x0= : -7.1355837143765E-13
y0= : -4.5960910553067E-12
*****
i=33615
k(33615)=0.99999744941564
kQ(33615)=0.99999489883778
r1= : 4.6513116267367E-12
rpunto1: = 677102.7955603
rduepunti0 : = -1.0156467734619E+25
fil : = 488.36376921504
fipunto1 : = 5.7656339717289E+17
fi_gradi : = 27981.182843123
t1 : = 1.0809385287522E-14
tpunto1 : = 1.0003599358354
tduepunti0 : = -1.7698106071888E+14
v=v_elettrone : = 2766292.5324933
x0= : -7.1325978748764E-13
y0= : -4.5962180444966E-12
*****
i=33616
k(33616)=0.99999745838128
kQ(33616)=0.99999491676902
r1= : 4.6513910364678E-12
rpunto1: = 675911.69592314
rduepunti0 : = -1.0156146895273E+25
fil : = 488.36383683364
fipunto1 : = 5.765437103628E+17
fi_gradi : = 27981.186717383
t1 : = 1.0809385404843E-14
tpunto1 : = 1.0003599151165
tduepunti0 : = -1.7666421938931E+14
v=v_elettrone : = 2765956.1947715
x0= : -7.1296117886314E-13
y0= : -4.5963448746205E-12
```

```
*****
i=33617
k(33617)=0.99999746733086
kQ(33617)=0.99999493466813
r1= : 4.6514703065084E-12
rpunto1: = 674720.63384575
rduepunti0 : = -1.0155826634402E+25
fil : = 488.36390444993
fipunto1 : = 5.7652405919053E+17
fi_gradi : = 27981.190591511
t1 : = 1.0809385522164E-14
tpunto1 : = 1.0003598944347
tduepunti0 : = -1.7634742007098E+14
v=v_elettrone : = 2765620.417575
x0= : -7.1266254557564E-13
y0= : -4.5964715456823E-12
*****
i=33618
k(33618)=0.99999747626437
kQ(33618)=0.99999495253511
r1= : 4.6515494368627E-12
rpunto1: = 673529.60926031
rduepunti0 : = -1.0155506951907E+25
fil : = 488.36397206392
fipunto1 : = 5.7650444364961E+17
fi_gradi : = 27981.194465508
t1 : = 1.0809385639485E-14
tpunto1 : = 1.00035987379
tduepunti0 : = -1.7603066268549E+14
v=v_elettrone : = 2765285.2032349
x0= : -7.1236388763688E-13
y0= : -4.5965980576857E-12
*****
i=33619
k(33619)=0.99999748518182
kQ(33619)=0.99999497036997
r1= : 4.6516284275351E-12
rpunto1: = 672338.62209899
rduepunti0 : = -1.015518784769E+25
fil : = 488.36403967561
fipunto1 : = 5.7648486373358E+17
fi_gradi : = 27981.198339372
t1 : = 1.0809385756806E-14
tpunto1 : = 1.0003598531825
tduepunti0 : = -1.7571394715451E+14
v=v_elettrone : = 2764950.5497272
x0= : -7.1206520505832E-13
y0= : -4.5967244106344E-12
*****
i=33620
k(33620)=0.99999749408321
kQ(33620)=0.9999949881727
r1= : 4.6517072785302E-12
rpunto1: = 671147.672294
rduepunti0 : = -1.0154869321654E+25
fil : = 488.364107285
fipunto1 : = 5.7646531943598E+17
fi_gradi : = 27981.202213105
t1 : = 1.0809385874127E-14
tpunto1 : = 1.0003598326122
tduepunti0 : = -1.753972733997E+14
v=v_elettrone : = 2764616.4593824
x0= : -7.1176649785169E-13
y0= : -4.5968506045323E-12
```

```
*****
i=33621
k(33621)=0.99999750296854
kQ(33621)=0.99999500594331
r1= : 4.6517859898523E-12
rpunto1: = 669956.75977752
rduepunti0 : = -1.0154551373701E+25
fil : = 488.3641748921
fipunto1 : = 5.7644581075038E+17
fi_gradi : = 27981.206086706
t1 : = 1.0809385991448E-14
tpunto1 : = 1.0003598120789
tduepunti0 : = -1.7508064134277E+14
v=v_elettrone : = 2764282.93237
x0= : -7.1146776602846E-13
y0= : -4.5969766393831E-12
*****
i=33622
k(33622)=0.99999751183781
kQ(33622)=0.99999502368181
r1= : 4.6518645615056E-12
rpunto1: = 668765.88448178
rduepunti0 : = -1.0154234003733E+25
fil : = 488.36424249691
fipunto1 : = 5.7642633767035E+17
fi_gradi : = 27981.209960177
t1 : = 1.0809386108769E-14
tpunto1 : = 1.0003597915828
tduepunti0 : = -1.7476405090543E+14
v=v_elettrone : = 2763949.9666399
x0= : -7.1116900960007E-13
y0= : -4.5971025151904E-12
*****
i=33623
k(33623)=0.99999752069102
kQ(33623)=0.99999504138819
r1= : 4.6519429934947E-12
rpunto1: = 667575.046339
rduepunti0 : = -1.0153917211653E+25
fil : = 488.36431009944
fipunto1 : = 5.7640690018948E+17
fi_gradi : = 27981.213833516
t1 : = 1.080938622609E-14
tpunto1 : = 1.0003597711239
tduepunti0 : = -1.7444750200945E+14
v=v_elettrone : = 2763617.5623539
x0= : -7.1087022857824E-13
y0= : -4.5972282319582E-12
*****
i=33624
k(33624)=0.99999752952818
kQ(33624)=0.99999505906247
r1= : 4.6520212858239E-12
rpunto1: = 666384.24528141
rduepunti0 : = -1.0153600997365E+25
fil : = 488.36437769969
fipunto1 : = 5.7638749830136E+17
fi_gradi : = 27981.217706725
t1 : = 1.0809386343411E-14
tpunto1 : = 1.000359750702
tduepunti0 : = -1.7413099457659E+14
v=v_elettrone : = 2763285.7218537
x0= : -7.1057142297466E-13
y0= : -4.5973537896899E-12
```

```
*****
i=33625
k(33625)=0.99999753834929
kQ(33625)=0.99999507670465
r1= : 4.6520994384974E-12
rpunto1: = 665193.48124128
rduepunti0 : = -1.0153285360772E+25
fil : = 488.36444529766
fipunto1 : = 5.7636813199961E+17
fi_gradi : = 27981.221579804
t1 : = 1.0809386460731E-14
tpunto1 : = 1.0003597303173
tduepunti0 : = -1.7381452852867E+14
v=v_elettrone : = 2762954.4430949
x0= : -7.1027259280077E-13
y0= : -4.5974791883895E-12
*****
i=33626
k(33626)=0.99999754715435
kQ(33626)=0.99999509431472
r1= : 4.6521774515197E-12
rpunto1: = 664002.75415085
rduepunti0 : = -1.0152970301776E+25
fil : = 488.36451289336
fipunto1 : = 5.7634880127784E+17
fi_gradi : = 27981.225452752
t1 : = 1.0809386578052E-14
tpunto1 : = 1.0003597099696
tduepunti0 : = -1.7349810378753E+14
v=v_elettrone : = 2762623.7284239
x0= : -7.0997373806826E-13
y0= : -4.5976044280605E-12
*****
i=33627
k(33627)=0.99999755594337
kQ(33627)=0.99999511189271
r1= : 4.6522553248951E-12
rpunto1: = 662812.0639424
rduepunti0 : = -1.0152655820282E+25
fil : = 488.3645804868
fipunto1 : = 5.763295061297E+17
fi_gradi : = 27981.22932557
t1 : = 1.0809386695373E-14
tpunto1 : = 1.0003596896591
tduepunti0 : = -1.7318172027501E+14
v=v_elettrone : = 2762293.5758121
x0= : -7.0967485878855E-13
y0= : -4.5977295087066E-12
*****
i=33628
k(33628)=0.99999756471633
kQ(33628)=0.9999951294386
r1= : 4.6523330586278E-12
rpunto1: = 661621.41054821
rduepunti0 : = -1.0152341916193E+25
fil : = 488.36464807797
fipunto1 : = 5.7631024654884E+17
fi_gradi : = 27981.233198259
t1 : = 1.0809386812694E-14
tpunto1 : = 1.0003596693857
tduepunti0 : = -1.72865377913E+14
v=v_elettrone : = 2761963.985394
x0= : -7.0937595497333E-13
y0= : -4.5978544303316E-12
```

```
*****
i=33629
k(33629)=0.99999757347326
kQ(33629)=0.9999951469524
r1= : 4.6524106527224E-12
rpunto1: = 660430.79390058
rduepunti0 : = -1.0152028589413E+25
fil : = 488.36471566688
fipunto1 : = 5.762910225289E+17
fi_gradi : = 27981.237070819
t1 : = 1.0809386930015E-14
tpunto1 : = 1.0003596491494
tduepunti0 : = -1.7254907662342E+14
v=v_elettrone : = 2761634.9595287
x0= : -7.0907702663426E-13
y0= : -4.5979791929391E-12
*****
i=33630
k(33630)=0.99999758221414
kQ(33630)=0.99999516443412
r1= : 4.6524881071829E-12
rpunto1: = 659240.21393181
rduepunti0 : = -1.0151715839846E+25
fil : = 488.36478325354
fipunto1 : = 5.7627183406356E+17
fi_gradi : = 27981.240943249
t1 : = 1.0809387047336E-14
tpunto1 : = 1.0003596289501
tduepunti0 : = -1.722328163282E+14
v=v_elettrone : = 2761306.496171
x0= : -7.0877807378276E-13
y0= : -4.5981037965328E-12
*****
i=33631
k(33631)=0.99999759093898
kQ(33631)=0.99999518188376
r1= : 4.6525654220138E-12
rpunto1: = 658049.67057421
rduepunti0 : = -1.0151403667397E+25
fil : = 488.36485083795
fipunto1 : = 5.7625268114651E+17
fi_gradi : = 27981.24481555
t1 : = 1.0809387164657E-14
tpunto1 : = 1.000359608788
tduepunti0 : = -1.7191659694931E+14
v=v_elettrone : = 2760978.5976599
x0= : -7.0847909643048E-13
y0= : -4.5982282411163E-12
*****
i=33632
k(33632)=0.99999759964778
kQ(33632)=0.99999519930133
r1= : 4.6526425972193E-12
rpunto1: = 656859.16376012
rduepunti0 : = -1.0151092071969E+25
fil : = 488.36491842011
fipunto1 : = 5.7623356377145E+17
fi_gradi : = 27981.248687723
t1 : = 1.0809387281978E-14
tpunto1 : = 1.0003595886629
tduepunti0 : = -1.7160041840873E+14
v=v_elettrone : = 2760651.2619585
x0= : -7.0818009458881E-13
y0= : -4.5983525266933E-12
```



```
*****
i=33633
k(33633)=0.99999760834055
kQ(33633)=0.99999521668682
r1= : 4.6527196328037E-12
rpunto1: = 655668.69342188
rduepunti0 : = -1.0150781053468E+25
fil : = 488.36498600003
fipunto1 : = 5.7621448193208E+17
fi_gradi : = 27981.252559767
t1 : = 1.0809387399298E-14
tpunto1 : = 1.0003595685749
tduepunti0 : = -1.7128428062849E+14
v=v_elettrone : = 2760324.4892202
x0= : -7.0788106826941E-13
y0= : -4.5984766532674E-12
*****
i=33634
k(33634)=0.99999761701728
kQ(33634)=0.99999523404025
r1= : 4.6527965287713E-12
rpunto1: = 654478.25949182
rduepunti0 : = -1.0150470611799E+25
fil : = 488.36505357771
fipunto1 : = 5.7619543562211E+17
fi_gradi : = 27981.256431683
t1 : = 1.0809387516619E-14
tpunto1 : = 1.000359548524
tduepunti0 : = -1.7096818353062E+14
v=v_elettrone : = 2759998.281784
x0= : -7.0758201748391E-13
y0= : -4.5986006208422E-12
*****
i=33635
k(33635)=0.99999762567799
kQ(33635)=0.99999525136161
r1= : 4.6528732851264E-12
rpunto1: = 653287.86190232
rduepunti0 : = -1.0150160746866E+25
fil : = 488.36512115316
fipunto1 : = 5.761764248353E+17
fi_gradi : = 27981.260303471
t1 : = 1.080938763394E-14
tpunto1 : = 1.0003595285101
tduepunti0 : = -1.7065212703719E+14
v=v_elettrone : = 2759672.6376133
x0= : -7.072829422437E-13
y0= : -4.5987244294215E-12
*****
i=33636
k(33636)=0.99999763432266
kQ(33636)=0.99999526865091
r1= : 4.6529499018732E-12
rpunto1: = 652097.50058575
rduepunti0 : = -1.0149851458574E+25
fil : = 488.36518872638
fipunto1 : = 5.7615744956537E+17
fi_gradi : = 27981.264175131
t1 : = 1.0809387751261E-14
tpunto1 : = 1.0003595085333
tduepunti0 : = -1.7033611107029E+14
v=v_elettrone : = 2759347.5568544
x0= : -7.0698384256041E-13
y0= : -4.5988480790087E-12
```

```
*****
i=33637
k(33637)=0.9999976429513
kQ(33637)=0.99999528590816
r1= : 4.653026379016E-12
rpunto1: = 650907.17547449
rduepunti0 : = -1.0149542746829E+25
fil : = 488.36525629737
fipunto1 : = 5.7613850980609E+17
fi_gradi : = 27981.268046664
t1 : = 1.0809387868582E-14
tpunto1 : = 1.0003594885936
tduepunti0 : = -1.7002013555205E+14
v=v_elettrone : = 2759023.0396633
x0= : -7.0668471844565E-13
y0= : -4.5989715696075E-12
*****
i=33638
k(33638)=0.99999765156392
kQ(33638)=0.99999530313335
r1= : 4.6531027165591E-12
rpunto1: = 649716.88650093
rduepunti0 : = -1.0149234611537E+25
fil : = 488.36532386614
fipunto1 : = 5.7611960555122E+17
fi_gradi : = 27981.271918069
t1 : = 1.0809387985903E-14
tpunto1 : = 1.0003594686909
tduepunti0 : = -1.6970420040462E+14
v=v_elettrone : = 2758699.0883707
x0= : -7.0638556991106E-13
y0= : -4.5990949012214E-12
*****
i=33639
k(33639)=0.99999766016051
kQ(33639)=0.9999953203265
r1= : 4.6531789145065E-12
rpunto1: = 648526.63359748
rduepunti0 : = -1.0148927052603E+25
fil : = 488.36539143269
fipunto1 : = 5.7610073679456E+17
fi_gradi : = 27981.275789348
t1 : = 1.0809388103224E-14
tpunto1 : = 1.0003594488252
tduepunti0 : = -1.6938830555015E+14
v=v_elettrone : = 2758375.7009523
x0= : -7.0608639696799E-13
y0= : -4.5992180738541E-12
*****
i=33640
k(33640)=0.99999766874108
kQ(33640)=0.9999953374876
r1= : 4.6532549728627E-12
rpunto1: = 647336.41669656
rduepunti0 : = -1.0148620069933E+25
fil : = 488.36545899704
fipunto1 : = 5.7608190352989E+17
fi_gradi : = 27981.279660499
t1 : = 1.0809388220544E-14
tpunto1 : = 1.0003594289967
tduepunti0 : = -1.6907245091086E+14
v=v_elettrone : = 2758052.8775432
x0= : -7.0578719962803E-13
y0= : -4.5993410875091E-12
```

```
*****
i=33641
k(33641)=0.99999767730563
kQ(33641)=0.99999535461666
r1= : 4.6533308916318E-12
rpunto1 : = 646146.23573059
rduepunti0 : = -1.0148313663434E+25
fil : = 488.36552655917
fipunto1 : = 5.7606310575101E+17
fi_gradi : = 27981.283531525
t1 : = 1.0809388337865E-14
tpunto1 : = 1.0003594092051
tduepunti0 : = -1.6875663640896E+14
v=v_elettrone : = 2757730.6182968
x0= : -7.054879779028E-13
y0= : -4.59946394219E-12
*****
i=33642
k(33642)=0.99999768585416
kQ(33642)=0.99999537171368
r1= : 4.653406670818E-12
rpunto1 : = 644956.09063202
rduepunti0 : = -1.0148007833011E+25
fil : = 488.3655941191
fipunto1 : = 5.7604434345175E+17
fi_gradi : = 27981.287402423
t1 : = 1.0809388455186E-14
tpunto1 : = 1.0003593894506
tduepunti0 : = -1.6844086196669E+14
v=v_elettrone : = 2757408.9255602
x0= : -7.051887318039E-13
y0= : -4.5995866379004E-12
*****
i=33643
k(33643)=0.99999769438668
kQ(33643)=0.99999538877867
r1= : 4.6534823104256E-12
rpunto1 : = 643765.98133329
rduepunti0 : = -1.0147702578571E+25
fil : = 488.36566167682
fipunto1 : = 5.7602561662594E+17
fi_gradi : = 27981.291273196
t1 : = 1.0809388572507E-14
tpunto1 : = 1.0003593697331
tduepunti0 : = -1.6812512750635E+14
v=v_elettrone : = 2757087.7972827
x0= : -7.0488946134264E-13
y0= : -4.5997091746438E-12
*****
i=33644
k(33644)=0.99999770290318
kQ(33644)=0.99999540581163
r1= : 4.6535578104587E-12
rpunto1 : = 642575.90776685
rduepunti0 : = -1.0147397900021E+25
fil : = 488.36572923236
fipunto1 : = 5.7600692526742E+17
fi_gradi : = 27981.295143843
t1 : = 1.0809388689828E-14
tpunto1 : = 1.0003593500526
tduepunti0 : = -1.6780943295021E+14
v=v_elettrone : = 2756767.2336186
x0= : -7.0459016653062E-13
y0= : -4.5998315524237E-12
```

```
*****
i=33645
k(33645)=0.99999771140366
kQ(33645)=0.99999542281257
r1= : 4.6536331709215E-12
rpunto1: = 641385.8698652
rduepunti0 : = -1.0147093797267E+25
fil : = 488.3657967857
fipunto1 : = 5.7598826937004E+17
fi_gradi : = 27981.299014364
t1 : = 1.0809388807149E-14
tpunto1 : = 1.0003593304092
tduepunti0 : = -1.6749377822062E+14
v=v_elettrone : = 2756447.2347211
x0= : -7.0429084737942E-13
y0= : -4.5999537712437E-12
*****
i=33646
k(33646)=0.99999771988814
kQ(33646)=0.99999543978148
r1= : 4.6537083918183E-12
rpunto1: = 640195.86756079
rduepunti0 : = -1.0146790270217E+25
fil : = 488.36586433685
fipunto1 : = 5.7596964892767E+17
fi_gradi : = 27981.30288476
t1 : = 1.0809388924469E-14
tpunto1 : = 1.0003593108027
tduepunti0 : = -1.6717816323991E+14
v=v_elettrone : = 2756127.8029144
x0= : -7.0399150390061E-13
y0= : -4.6000758311073E-12
*****
i=33647
k(33647)=0.99999772835661
kQ(33647)=0.99999545671838
r1= : 4.6537834731531E-12
rpunto1: = 639005.90078614
rduepunti0 : = -1.0146487318778E+25
fil : = 488.36593188582
fipunto1 : = 5.7595106393419E+17
fi_gradi : = 27981.306755031
t1 : = 1.080938904179E-14
tpunto1 : = 1.0003592912333
tduepunti0 : = -1.6686258793047E+14
v=v_elettrone : = 2755808.9339802
x0= : -7.0369213610549E-13
y0= : -4.600197732018E-12
*****
i=33648
k(33648)=0.99999773680907
kQ(33648)=0.99999547362326
r1= : 4.6538584149302E-12
rpunto1: = 637815.96947374
rduepunti0 : = -1.0146184942857E+25
fil : = 488.3659994326
fipunto1 : = 5.7593251438349E+17
fi_gradi : = 27981.310625177
t1 : = 1.0809389159111E-14
tpunto1 : = 1.0003592717009
tduepunti0 : = -1.6654705221469E+14
v=v_elettrone : = 2755490.6324462
x0= : -7.0339274400589E-13
y0= : -4.6003194739793E-12
```

```
*****
i=33649
k(33649)=0.99999774524552
kQ(33649)=0.99999549049613
r1= : 4.6539332171537E-12
rpunto1: = 636626.07355611
rduepunti0 : = -1.0145883142362E+25
fil : = 488.36606697722
fipunto1 : = 5.7591400026947E+17
fi_gradi : = 27981.314495198
t1 : = 1.0809389276432E-14
tpunto1 : = 1.0003592522054
tduepunti0 : = -1.66231556015E+14
v=v_elettrone : = 2755172.8962652
x0= : -7.0309332761311E-13
y0= : -4.6004410569947E-12
*****
i=33650
k(33650)=0.99999775366597
kQ(33650)=0.99999550733699
r1= : 4.6540078798277E-12
rpunto1: = 635436.21296577
rduepunti0 : = -1.0145581917201E+25
fil : = 488.36613451966
fipunto1 : = 5.7589552158606E+17
fi_gradi : = 27981.318365095
t1 : = 1.0809389393753E-14
tpunto1 : = 1.000359232747
tduepunti0 : = -1.6591609925386E+14
v=v_elettrone : = 2754855.7233914
x0= : -7.027938869387E-13
y0= : -4.6005624810677E-12
*****
i=33651
k(33651)=0.99999776207042
kQ(33651)=0.99999552414585
r1= : 4.6540824029565E-12
rpunto1: = 634246.38763526
rduepunti0 : = -1.0145281267281E+25
fil : = 488.36620205993
fipunto1 : = 5.7587707832717E+17
fi_gradi : = 27981.322234867
t1 : = 1.0809389511074E-14
tpunto1 : = 1.0003592133256
tduepunti0 : = -1.6560068185373E+14
v=v_elettrone : = 2754539.1183625
x0= : -7.0249442199445E-13
y0= : -4.6006837462018E-12
*****
i=33652
k(33652)=0.99999777045887
kQ(33652)=0.99999554092272
r1= : 4.6541567865441E-12
rpunto1: = 633056.59749713
rduepunti0 : = -1.014498119251E+25
fil : = 488.36626959804
fipunto1 : = 5.7585867048674E+17
fi_gradi : = 27981.326104516
t1 : = 1.0809389628394E-14
tpunto1 : = 1.0003591939411
tduepunti0 : = -1.6528530373713E+14
v=v_elettrone : = 2754223.0791318
x0= : -7.0219493279166E-13
y0= : -4.6008048524004E-12
```

```
*****
i=33653
k(33653)=0.99999777883132
kQ(33653)=0.99999555766758
r1= : 4.6542310305946E-12
rpunto1: = 631866.84248393
rduepunti0 : = -1.0144681692798E+25
fil : = 488.366337134
fipunto1 : = 5.7584029805873E+17
fi_gradi : = 27981.329974041
t1 : = 1.0809389745715E-14
tpunto1 : = 1.0003591745937
tduepunti0 : = -1.6496996482657E+14
v=v_elettrone : = 2753907.6080373
x0= : -7.0189541934185E-13
y0= : -4.600925799667E-12
*****
i=33654
k(33654)=0.99999778718778
kQ(33654)=0.99999557438046
r1= : 4.6543051351123E-12
rpunto1: = 630677.12252824
rduepunti0 : = -1.0144382768052E+25
fil : = 488.36640466779
fipunto1 : = 5.7582196103711E+17
fi_gradi : = 27981.333843443
t1 : = 1.0809389863036E-14
tpunto1 : = 1.0003591552832
tduepunti0 : = -1.6465466504461E+14
v=v_elettrone : = 2753592.7008454
x0= : -7.0159588165629E-13
y0= : -4.601046588005E-12
*****
i=33655
k(33655)=0.99999779552824
kQ(33655)=0.99999559106135
r1= : 4.6543791001011E-12
rpunto1: = 629487.43756263
rduepunti0 : = -1.0144084418181E+25
fil : = 488.36647219944
fipunto1 : = 5.7580365941584E+17
fi_gradi : = 27981.337712721
t1 : = 1.0809389980357E-14
tpunto1 : = 1.0003591360097
tduepunti0 : = -1.6433940431382E+14
v=v_elettrone : = 2753278.3598888
x0= : -7.0129631974677E-13
y0= : -4.601167217418E-12
*****
i=33656
k(33656)=0.99999780385271
kQ(33656)=0.99999560771025
r1= : 4.6544529255653E-12
rpunto1: = 628297.78751969
rduepunti0 : = -1.0143786643094E+25
fil : = 488.36653972894
fipunto1 : = 5.7578539318892E+17
fi_gradi : = 27981.341581876
t1 : = 1.0809390097678E-14
tpunto1 : = 1.0003591167732
tduepunti0 : = -1.6402418255681E+14
v=v_elettrone : = 2752964.5853176
x0= : -7.0099673362479E-13
y0= : -4.6012876879093E-12
```

```
*****
i=33657
k(33657)=0.99999781216119
kQ(33657)=0.99999562432717
r1= : 4.6545266115088E-12
rpunto1: = 627108.17233202
rduepunti0 : = -1.01434894427E+25
fil : = 488.3666072563
fipunto1 : = 5.7576716235034E+17
fi_gradi : = 27981.345450909
t1 : = 1.0809390214998E-14
tpunto1 : = 1.0003590975736
tduepunti0 : = -1.637089996962E+14
v=v_elettrone : = 2752651.3794756
x0= : -7.0069712330188E-13
y0= : -4.6014079994823E-12
*****
i=33658
k(33658)=0.99999782045368
kQ(33658)=0.99999564091212
r1= : 4.6546001579358E-12
rpunto1: = 625918.59193225
rduepunti0 : = -1.0143192816909E+25
fil : = 488.36667478152
fipunto1 : = 5.7574896689412E+17
fi_gradi : = 27981.349319819
t1 : = 1.0809390332319E-14
tpunto1 : = 1.000359078411
tduepunti0 : = -1.6339385565465E+14
v=v_elettrone : = 2752338.7381158
x0= : -7.0039748878928E-13
y0= : -4.6015281521405E-12
*****
i=33659
k(33659)=0.99999782873019
kQ(33659)=0.99999565746509
r1= : 4.6546735648504E-12
rpunto1: = 624729.04625297
rduepunti0 : = -1.0142896765629E+25
fil : = 488.36674230461
fipunto1 : = 5.7573080681428E+17
fi_gradi : = 27981.353188607
t1 : = 1.080939044964E-14
tpunto1 : = 1.0003590592853
tduepunti0 : = -1.6307875035482E+14
v=v_elettrone : = 2752026.6635808
x0= : -7.0009783009874E-13
y0= : -4.6016481458872E-12
*****
i=33660
k(33660)=0.99999783699071
kQ(33660)=0.9999956739861
r1= : 4.6547468322567E-12
rpunto1: = 623539.53522684
rduepunti0 : = -1.014260128877E+25
fil : = 488.36680982556
fipunto1 : = 5.7571268210486E+17
fi_gradi : = 27981.357057273
t1 : = 1.0809390566961E-14
tpunto1 : = 1.0003590401966
tduepunti0 : = -1.6276368371942E+14
v=v_elettrone : = 2751715.1582145
x0= : -6.9979814724176E-13
y0= : -4.6017679807259E-12
```

```
*****
i=33661
k(33661)=0.99999784523525
kQ(33661)=0.99999569047513
r1= : 4.6548199601586E-12
rpunto1: = 622350.0587865
rduepunti0 : = -1.0142306386242E+25
fil : = 488.36687734439
fipunto1 : = 5.7569459275991E+17
fi_gradi : = 27981.360925817
t1 : = 1.0809390684282E-14
tpunto1 : = 1.0003590211448
tduepunti0 : = -1.6244865567118E+14
v=v_elettrone : = 2751404.217769
x0= : -6.9949844022957E-13
y0= : -4.60188765666E-12
*****
i=33662
k(33662)=0.9999978534638
kQ(33662)=0.99999570693221
r1= : 4.6548929485603E-12
rpunto1: = 621160.61686458
rduepunti0 : = -1.0142012057955E+25
fil : = 488.3669448611
fipunto1 : = 5.7567653877349E+17
fi_gradi : = 27981.36479424
t1 : = 1.0809390801603E-14
tpunto1 : = 1.00035900213
tduepunti0 : = -1.6213366613283E+14
v=v_elettrone : = 2751093.8445786
x0= : -6.9919870907391E-13
y0= : -4.6020071736928E-12
*****
i=33663
k(33663)=0.99999786167638
kQ(33663)=0.99999572335733
r1= : 4.6549657974658E-12
rpunto1: = 619971.20939377
rduepunti0 : = -1.0141718303819E+25
fil : = 488.3670123757
fipunto1 : = 5.7565852013966E+17
fi_gradi : = 27981.368662541
t1 : = 1.0809390918923E-14
tpunto1 : = 1.0003589831521
tduepunti0 : = -1.6181871502717E+14
v=v_elettrone : = 2750784.0409982
x0= : -6.9889895378626E-13
y0= : -4.6021265318277E-12
*****
i=33664
k(33664)=0.99999786987298
kQ(33664)=0.99999573975049
r1= : 4.6550385068791E-12
rpunto1: = 618781.83630674
rduepunti0 : = -1.0141425123745E+25
fil : = 488.36707988818
fipunto1 : = 5.7564053685252E+17
fi_gradi : = 27981.372530721
t1 : = 1.0809391036244E-14
tpunto1 : = 1.0003589642111
tduepunti0 : = -1.6150380227698E+14
v=v_elettrone : = 2750474.8027719
x0= : -6.9859917437783E-13
y0= : -4.6022457310681E-12
```



```
*****
i=33665
k(33665)=0.9999978780536
kQ(33665)=0.9999957561117
r1= : 4.6551110768043E-12
rpunto1 : = 617592.49753617
rduepunti0 : = -1.0141132517642E+25
fil : = 488.36714739855
fipunto1 : = 5.7562258890616E+17
fi_gradi : = 27981.37639878
t1 : = 1.0809391153565E-14
tpunto1 : = 1.0003589453071
tduepunti0 : = -1.6118892780509E+14
v=v_elettrone : = 2750166.1322428
x0= : -6.9829937086035E-13
y0= : -4.6023647714173E-12
*****
i=33666
k(33666)=0.99999788621825
kQ(33666)=0.99999577244097
r1= : 4.6551835072455E-12
rpunto1 : = 616403.19301475
rduepunti0 : = -1.0140840485422E+25
fil : = 488.36721490681
fipunto1 : = 5.7560467629469E+17
fi_gradi : = 27981.380266719
t1 : = 1.0809391270886E-14
tpunto1 : = 1.00035892644
tduepunti0 : = -1.6087409153434E+14
v=v_elettrone : = 2749858.0295587
x0= : -6.9799954324528E-13
y0= : -4.6024836528787E-12
*****
i=33667
k(33667)=0.99999789436693
kQ(33667)=0.99999578873829
r1= : 4.6552557982065E-12
rpunto1 : = 615213.9226752
rduepunti0 : = -1.0140549026996E+25
fil : = 488.36728241298
fipunto1 : = 5.7558679901223E+17
fi_gradi : = 27981.384134537
t1 : = 1.0809391388206E-14
tpunto1 : = 1.0003589076098
tduepunti0 : = -1.6055929338761E+14
v=v_elettrone : = 2749550.4948573
x0= : -6.9769969154407E-13
y0= : -4.6026023754556E-12
*****
i=33668
k(33668)=0.99999790249964
kQ(33668)=0.99999580500367
r1= : 4.6553279496915E-12
rpunto1 : = 614024.68645023
rduepunti0 : = -1.0140258142273E+25
fil : = 488.36734991704
fipunto1 : = 5.7556895705291E+17
fi_gradi : = 27981.388002235
t1 : = 1.0809391505527E-14
tpunto1 : = 1.0003588888166
tduepunti0 : = -1.602445332878E+14
v=v_elettrone : = 2749243.528286
x0= : -6.9739981576818E-13
y0= : -4.6027209391513E-12
```

```
*****
i=33669
k(33669)=0.99999791061637
kQ(33669)=0.99999582123712
r1= : 4.6553999617044E-12
rpunto1 : = 612835.48427256
rduepunti0 : = -1.0139967831167E+25
fil : = 488.36741741902
fipunto1 : = 5.7555115041089E+17
fi_gradi : = 27981.391869814
t1 : = 1.0809391622848E-14
tpunto1 : = 1.0003588700602
tduepunti0 : = -1.5992981115781E+14
v=v_elettrone : = 2748937.1277969
x0= : -6.9709991592904E-13
y0= : -4.6028393439691E-12
*****
i=33670
k(33670)=0.99999791871715
kQ(33670)=0.99999583743863
r1= : 4.6554718342492E-12
rpunto1 : = 611646.31607494
rduepunti0 : = -1.0139678093588E+25
fil : = 488.36748491891
fipunto1 : = 5.755333790803E+17
fi_gradi : = 27981.395737272
t1 : = 1.0809391740169E-14
tpunto1 : = 1.0003588513408
tduepunti0 : = -1.596151269206E+14
v=v_elettrone : = 2748631.2979207
x0= : -6.9679999203836E-13
y0= : -4.6029575899124E-12
*****
i=33671
k(33671)=0.99999792680196
kQ(33671)=0.99999585360821
r1= : 4.6555435673299E-12
rpunto1 : = 610457.18179011
rduepunti0 : = -1.0139388929447E+25
fil : = 488.36755241671
fipunto1 : = 5.7551564305534E+17
fi_gradi : = 27981.399604611
t1 : = 1.080939185749E-14
tpunto1 : = 1.0003588326582
tduepunti0 : = -1.5930048049914E+14
v=v_elettrone : = 2748326.0344075
x0= : -6.965000441073E-13
y0= : -4.6030756769845E-12
*****
i=33672
k(33672)=0.9999979348708
kQ(33672)=0.99999586974587
r1= : 4.6556151609505E-12
rpunto1 : = 609268.08135084
rduepunti0 : = -1.0139100338657E+25
fil : = 488.36761991243
fipunto1 : = 5.7549794233016E+17
fi_gradi : = 27981.403471831
t1 : = 1.080939197481E-14
tpunto1 : = 1.0003588140125
tduepunti0 : = -1.5898587181642E+14
v=v_elettrone : = 2748021.339608
x0= : -6.9620007214756E-13
y0= : -4.6031936051885E-12
```

```
*****
i=33673
k(33673)=0.99999794292369
kQ(33673)=0.9999958858516
r1= : 4.655686615115E-12
rpunto1 : = 608079.01468988
rduepunti0 : = -1.0138812321129E+25
fil : = 488.36768740608
fipunto1 : = 5.7548027689898E+17
fi_gradi : = 27981.407338933
t1 : = 1.0809392092131E-14
tpunto1 : = 1.0003587954038
tduepunti0 : = -1.5867130079544E+14
v=v_elettrone : = 2747717.2136539
x0= : -6.9590007617056E-13
y0= : -4.6033113745279E-12
*****
i=33674
k(33674)=0.99999795096061
kQ(33674)=0.99999590192542
r1= : 4.6557579298273E-12
rpunto1 : = 606889.98174002
rduepunti0 : = -1.0138524876775E+25
fil : = 488.36775489765
fipunto1 : = 5.7546264675599E+17
fi_gradi : = 27981.411205915
t1 : = 1.0809392209452E-14
tpunto1 : = 1.0003587768319
tduepunti0 : = -1.5835676735927E+14
v=v_elettrone : = 2747413.6566931
x0= : -6.9560005618772E-13
y0= : -4.6034289850059E-12
*****
i=33675
k(33675)=0.99999795898158
kQ(33675)=0.99999591796732
r1= : 4.6558291050913E-12
rpunto1 : = 605700.98243405
rduepunti0 : = -1.0138238005509E+25
fil : = 488.36782238716
fipunto1 : = 5.7544505189541E+17
fi_gradi : = 27981.415072779
t1 : = 1.0809392326773E-14
tpunto1 : = 1.0003587582969
tduepunti0 : = -1.5804227143095E+14
v=v_elettrone : = 2747110.6688688
x0= : -6.9530001221044E-13
y0= : -4.6035464366258E-12
*****
i=33676
k(33676)=0.99999796698659
kQ(33676)=0.99999593397731
r1= : 4.6559001409111E-12
rpunto1 : = 604512.01670476
rduepunti0 : = -1.0137951707242E+25
fil : = 488.3678898746
fipunto1 : = 5.7542749231147E+17
fi_gradi : = 27981.418939525
t1 : = 1.0809392444093E-14
tpunto1 : = 1.0003587397988
tduepunti0 : = -1.5772781293357E+14
v=v_elettrone : = 2746808.248119
x0= : -6.9499994425013E-13
y0= : -4.6036637293908E-12
```

```
*****
i=33677
k(33677)=0.99999797497565
kQ(33677)=0.99999594995539
r1= : 4.6559710372905E-12
rpunto1: = 603323.08448498
rduepunti0 : = -1.0137665981886E+25
fil : = 488.36795735999
fipunto1 : = 5.7540996799841E+17
fi_gradi : = 27981.422806152
t1 : = 1.0809392561414E-14
tpunto1 : = 1.0003587213376
tduepunti0 : = -1.5741339179025E+14
v=v_elettrone : = 2746506.3989967
x0= : -6.9469985231846E-13
y0= : -4.6037808633041E-12
*****
i=33678
k(33678)=0.99999798294875
kQ(33678)=0.99999596590157
r1= : 4.6560417942335E-12
rpunto1: = 602134.1857075
rduepunti0 : = -1.0137380829356E+25
fil : = 488.36802484332
fipunto1 : = 5.7539247895048E+17
fi_gradi : = 27981.426672662
t1 : = 1.0809392678735E-14
tpunto1 : = 1.0003587029132
tduepunti0 : = -1.5709900792413E+14
v=v_elettrone : = 2746205.1172354
x0= : -6.9439973642655E-13
y0= : -4.603897838369E-12
*****
i=33679
k(33679)=0.99999799090591
kQ(33679)=0.99999598181585
r1= : 4.6561124117441E-12
rpunto1: = 600945.32030518
rduepunti0 : = -1.0137096249563E+25
fil : = 488.36809232459
fipunto1 : = 5.7537502516195E+17
fi_gradi : = 27981.430539055
t1 : = 1.0809392796056E-14
tpunto1 : = 1.0003586845257
tduepunti0 : = -1.5678466125836E+14
v=v_elettrone : = 2745904.4051809
x0= : -6.9409959658606E-13
y0= : -4.6040146545888E-12
*****
i=33680
k(33680)=0.99999799884711
kQ(33680)=0.99999599769823
r1= : 4.656182889826E-12
rpunto1: = 599756.48821084
rduepunti0 : = -1.0136812242422E+25
fil : = 488.36815980383
fipunto1 : = 5.753576066271E+17
fi_gradi : = 27981.43440533
t1 : = 1.0809392913377E-14
tpunto1 : = 1.0003586661751
tduepunti0 : = -1.5647035171612E+14
v=v_elettrone : = 2745604.2607671
x0= : -6.9379943280837E-13
y0= : -4.6041313119667E-12
```

```
*****
i=33681
k(33681)=0.99999800677237
kQ(33681)=0.99999601354872
r1= : 4.6562532284832E-12
rpunto1: = 598567.68935733
rduepunti0 : = -1.0136528807845E+25
fil : = 488.36822728101
fipunto1 : = 5.7534022334021E+17
fi_gradi : = 27981.438271488
t1 : = 1.0809393030697E-14
tpunto1 : = 1.0003586478613
tduepunti0 : = -1.5615607922062E+14
v=v_elettrone : = 2745304.68635
x0= : -6.9349924510512E-13
y0= : -4.6042478105057E-12
*****
i=33682
k(33682)=0.99999801468169
kQ(33682)=0.99999602936732
r1= : 4.6563234277197E-12
rpunto1: = 597378.92367753
rduepunti0 : = -1.0136245945746E+25
fil : = 488.36829475616
fipunto1 : = 5.7532287529558E+17
fi_gradi : = 27981.442137529
t1 : = 1.0809393148018E-14
tpunto1 : = 1.0003586295844
tduepunti0 : = -1.558418436951E+14
v=v_elettrone : = 2745005.6820612
x0= : -6.9319903348768E-13
y0= : -4.6043641502093E-12
*****
i=33683
k(33683)=0.99999802257506
kQ(33683)=0.99999604515403
r1= : 4.6563934875393E-12
rpunto1: = 596190.19110429
rduepunti0 : = -1.0135963656039E+25
fil : = 488.36836222928
fipunto1 : = 5.7530556248754E+17
fi_gradi : = 27981.446003454
t1 : = 1.0809393265339E-14
tpunto1 : = 1.0003586113443
tduepunti0 : = -1.555276450628E+14
v=v_elettrone : = 2744707.2480448
x0= : -6.9289879796742E-13
y0= : -4.6044803310805E-12
*****
i=33684
k(33684)=0.99999803045249
kQ(33684)=0.99999606090885
r1= : 4.6564634079459E-12
rpunto1: = 595001.4915705
rduepunti0 : = -1.0135681938638E+25
fil : = 488.36842970036
fipunto1 : = 5.7528828491039E+17
fi_gradi : = 27981.449869262
t1 : = 1.080939338266E-14
tpunto1 : = 1.000358593141
tduepunti0 : = -1.55213483247E+14
v=v_elettrone : = 2744409.3844381
x0= : -6.925985385557E-13
y0= : -4.6045963531225E-12
```

```
*****
i=33685
k(33685)=0.99999803831398
kQ(33685)=0.9999960766318
r1= : 4.6565331889434E-12
rpunto1: = 593812.82500905
rduepunti0 : = -1.0135400793456E+25
fil : = 488.36849716942
fipunto1 : = 5.7527104255849E+17
fi_gradi : = 27981.453734955
t1 : = 1.080939349998E-14
tpunto1 : = 1.0003585749746
tduepunti0 : = -1.54899358171E+14
v=v_elettrone : = 2744112.0891904
x0= : -6.9229825526389E-13
y0= : -4.60471222163386E-12
*****
i=33686
k(33686)=0.99999804615953
kQ(33686)=0.99999609232288
r1= : 4.6566028305356E-12
rpunto1: = 592624.19135284
rduepunti0 : = -1.0135120220409E+25
fil : = 488.36856463646
fipunto1 : = 5.7525383542618E+17
fi_gradi : = 27981.457600531
t1 : = 1.0809393617301E-14
tpunto1 : = 1.0003585568451
tduepunti0 : = -1.5458526975813E+14
v=v_elettrone : = 2743815.3624263
x0= : -6.9199794810358E-13
y0= : -4.6048279207318E-12
*****
i=33687
k(33687)=0.99999805398914
kQ(33687)=0.99999610798208
r1= : 4.6566723327264E-12
rpunto1: = 591435.59053478
rduepunti0 : = -1.013484021941E+25
fil : = 488.36863210148
fipunto1 : = 5.7523666350782E+17
fi_gradi : = 27981.461465992
t1 : = 1.0809393734622E-14
tpunto1 : = 1.0003585387524
tduepunti0 : = -1.5427121793173E+14
v=v_elettrone : = 2743519.2087099
x0= : -6.9169761708639E-13
y0= : -4.6049434663054E-12
*****
i=33688
k(33688)=0.99999806180283
kQ(33688)=0.99999612360941
r1= : 4.6567416955196E-12
rpunto1: = 590247.0224878
rduepunti0 : = -1.0134560790375E+25
fil : = 488.36869956448
fipunto1 : = 5.7521952679778E+17
fi_gradi : = 27981.465331337
t1 : = 1.0809393851943E-14
tpunto1 : = 1.0003585206965
tduepunti0 : = -1.5395720261517E+14
v=v_elettrone : = 2743223.6237585
x0= : -6.913972622234E-13
y0= : -4.6050588530625E-12
```

```
*****
i=33689
k(33689)=0.99999806960057
kQ(33689)=0.99999613920487
r1= : 4.6568109189191E-12
rpunto1: = 589058.48714482
rduepunti0 : = -1.0134281933218E+25
fil : = 488.36876702547
fipunto1 : = 5.7520242529044E+17
fi_gradi : = 27981.469196567
t1 : = 1.0809393969263E-14
tpunto1 : = 1.0003585026774
tduepunti0 : = -1.5364322373185E+14
v=v_elettrone : = 2742928.6099258
x0= : -6.910968835262E-13
y0= : -4.6051740810062E-12
*****
i=33690
k(33690)=0.99999807738239
kQ(33690)=0.99999615476848
r1= : 4.6568800029288E-12
rpunto1: = 587869.98443878
rduepunti0 : = -1.0134003647854E+25
fil : = 488.36883448446
fipunto1 : = 5.7518535898021E+17
fi_gradi : = 27981.473061683
t1 : = 1.0809394086584E-14
tpunto1 : = 1.0003584846951
tduepunti0 : = -1.5332928120518E+14
v=v_elettrone : = 2742634.1651471
x0= : -6.9079648100613E-13
y0= : -4.6052891501397E-12
*****
i=33691
k(33691)=0.99999808514828
kQ(33691)=0.99999617030022
r1= : 4.6569489475524E-12
rpunto1: = 586681.51430263
rduepunti0 : = -1.0133725934198E+25
fil : = 488.36890194145
fipunto1 : = 5.751683278615E+17
fi_gradi : = 27981.476926684
t1 : = 1.0809394203905E-14
tpunto1 : = 1.0003584667497
tduepunti0 : = -1.5301537495861E+14
v=v_elettrone : = 2742340.2917572
x0= : -6.9049605467477E-13
y0= : -4.605404060466E-12
*****
i=33692
k(33692)=0.99999809289824
kQ(33692)=0.99999618580011
r1= : 4.6570177527938E-12
rpunto1: = 585493.07666934
rduepunti0 : = -1.0133448792167E+25
fil : = 488.36896939644
fipunto1 : = 5.7515133192871E+17
fi_gradi : = 27981.48079157
t1 : = 1.0809394321225E-14
tpunto1 : = 1.000358448841
tduepunti0 : = -1.5270150491558E+14
v=v_elettrone : = 2742046.9899083
x0= : -6.9019560454344E-13
y0= : -4.6055188119884E-12
```

```
*****
i=33693
k(33693)=0.99999810063227
kQ(33693)=0.99999620126815
r1= : 4.6570864186568E-12
rpunto1: = 584304.67147188
rduepunti0 : = -1.0133172221674E+25
fil : = 488.36903684944
fipunto1 : = 5.751343711763E+17
fi_gradi : = 27981.484656342
t1 : = 1.0809394438546E-14
tpunto1 : = 1.0003584309692
tduepunti0 : = -1.523876709996E+14
v=v_elettrone : = 2741754.2575275
x0= : -6.8989513062344E-13
y0= : -4.6056334047098E-12
*****
i=33694
k(33694)=0.99999810835038
kQ(33694)=0.99999621670434
r1= : 4.6571549451452E-12
rpunto1: = 583116.29864322
rduepunti0 : = -1.0132896222637E+25
fil : = 488.36910430045
fipunto1 : = 5.7511744559869E+17
fi_gradi : = 27981.488521
t1 : = 1.0809394555867E-14
tpunto1 : = 1.0003584131342
tduepunti0 : = -1.5207387313416E+14
v=v_elettrone : = 2741462.0969564
x0= : -6.8959463292637E-13
y0= : -4.6057478386335E-12
*****
i=33695
k(33695)=0.99999811605257
kQ(33695)=0.99999623210869
r1= : 4.6572233322628E-12
rpunto1: = 581927.95811636
rduepunti0 : = -1.013262079497E+25
fil : = 488.36917174947
fipunto1 : = 5.7510055519035E+17
fi_gradi : = 27981.492385544
t1 : = 1.0809394673188E-14
tpunto1 : = 1.000358395336
tduepunti0 : = -1.5176011124281E+14
v=v_elettrone : = 2741170.5061359
x0= : -6.8929411146351E-13
y0= : -4.6058621137624E-12
*****
i=33696
k(33696)=0.99999812373884
kQ(33696)=0.99999624748119
r1= : 4.6572915800133E-12
rpunto1: = 580739.6498243
rduepunti0 : = -1.0132345938591E+25
fil : = 488.36923919651
fipunto1 : = 5.7508369994574E+17
fi_gradi : = 27981.496249975
t1 : = 1.0809394790508E-14
tpunto1 : = 1.0003583775745
tduepunti0 : = -1.5144638524908E+14
v=v_elettrone : = 2740879.4874079
x0= : -6.8899356624642E-13
y0= : -4.6059762300997E-12
```



```
*****
i=33697
k(33697)=0.99999813140918
kQ(33697)=0.99999626282186
r1= : 4.6573596884006E-12
rpunto1: = 579551.37370004
rduepunti0 : = -1.0132071653415E+25
fil : = 488.36930664157
fipunto1 : = 5.7506687985935E+17
fi_gradi : = 27981.500114293
t1 : = 1.0809394907829E-14
tpunto1 : = 1.0003583598499
tduepunti0 : = -1.5113269507657E+14
v=v_elettrone : = 2740589.0386962
x0= : -6.886929972864E-13
y0= : -4.6060901876485E-12
*****
i=33698
k(33698)=0.99999813906361
kQ(33698)=0.99999627813069
r1= : 4.6574276574284E-12
rpunto1: = 578363.12967662
rduepunti0 : = -1.0131797939359E+25
fil : = 488.36937408467
fipunto1 : = 5.7505009492566E+17
fi_gradi : = 27981.503978497
t1 : = 1.080939502515E-14
tpunto1 : = 1.000358342162
tduepunti0 : = -1.5081904064887E+14
v=v_elettrone : = 2740299.1623536
x0= : -6.88392404595E-13
y0= : -4.6062039864117E-12
*****
i=33699
k(33699)=0.99999814670213
kQ(33699)=0.99999629340769
r1= : 4.6574954871006E-12
rpunto1: = 577174.91768704
rduepunti0 : = -1.0131524796339E+25
fil : = 488.36944152579
fipunto1 : = 5.7503334513919E+17
fi_gradi : = 27981.507842589
t1 : = 1.0809395142471E-14
tpunto1 : = 1.000358324511
tduepunti0 : = -1.505054218896E+14
v=v_elettrone : = 2740009.8585199
x0= : -6.880917881835E-13
y0= : -4.6063176263924E-12
*****
i=33700
k(33700)=0.99999815432473
kQ(33700)=0.99999630865286
r1= : 4.6575631774207E-12
rpunto1: = 575986.73766437
rduepunti0 : = -1.0131252224273E+25
fil : = 488.36950896495
fipunto1 : = 5.7501663049444E+17
fi_gradi : = 27981.511706568
t1 : = 1.0809395259791E-14
tpunto1 : = 1.0003583068966
tduepunti0 : = -1.5019183872241E+14
v=v_elettrone : = 2739721.1251212
x0= : -6.8779114806317E-13
y0= : -4.6064311075938E-12
```

```
*****
i=33701
k(33701)=0.99999816193142
kQ(33701)=0.99999632386621
r1= : 4.6576307283927E-12
rpunto1: = 574798.58954164
rduepunti0 : = -1.0130980223076E+25
fil : = 488.36957640215
fipunto1 : = 5.7499995098595E+17
fi_gradi : = 27981.515570435
t1 : = 1.0809395377112E-14
tpunto1 : = 1.0003582893191
tduepunti0 : = -1.4987829107096E+14
v=v_elettrone : = 2739432.9622956
x0= : -6.8749048424556E-13
y0= : -4.6065444300188E-12
*****
i=33702
k(33702)=0.99999816952219
kQ(33702)=0.99999633904774
r1= : 4.6576981400202E-12
rpunto1: = 573610.47325191
rduepunti0 : = -1.0130708792668E+25
fil : = 488.36964383739
fipunto1 : = 5.7498330660825E+17
fi_gradi : = 27981.51943419
t1 : = 1.0809395494433E-14
tpunto1 : = 1.0003582717784
tduepunti0 : = -1.4956477885895E+14
v=v_elettrone : = 2739145.3723825
x0= : -6.8718979674218E-13
y0= : -4.6066575936704E-12
*****
i=33703
k(33703)=0.99999817709706
kQ(33703)=0.99999635419745
r1= : 4.657765412307E-12
rpunto1: = 572422.38872825
rduepunti0 : = -1.0130437932964E+25
fil : = 488.36971127068
fipunto1 : = 5.7496669735589E+17
fi_gradi : = 27981.523297833
t1 : = 1.0809395611753E-14
tpunto1 : = 1.0003582542744
tduepunti0 : = -1.4925130201008E+14
v=v_elettrone : = 2738858.3555341
x0= : -6.868890855643E-13
y0= : -4.6067705985517E-12
*****
i=33704
k(33704)=0.99999818465603
kQ(33704)=0.99999636931535
r1= : 4.6578325452568E-12
rpunto1: = 571234.33590375
rduepunti0 : = -1.0130167643882E+25
fil : = 488.36977870203
fipunto1 : = 5.7495012322345E+17
fi_gradi : = 27981.527161364
t1 : = 1.0809395729074E-14
tpunto1 : = 1.0003582368071
tduepunti0 : = -1.489378604481E+14
v=v_elettrone : = 2738571.9096613
x0= : -6.8658835072317E-13
y0= : -4.6068834446657E-12
```

```
*****
i=33705
k(33705)=0.99999819219908
kQ(33705)=0.99999638440143
r1= : 4.6578995388733E-12
rpunto1 : = 570046.31471148
rduepunti0 : = -1.0129897925341E+25
fil : = 488.36984613142
fipunto1 : = 5.7493358420549E+17
fi_gradi : = 27981.531024784
t1 : = 1.0809395846395E-14
tpunto1 : = 1.0003582193766
tduepunti0 : = -1.4862445409676E+14
v=v_elettrone : = 2738286.0349138
x0= : -6.8628759223031E-13
y0= : -4.6069961320153E-12
*****
i=33706
k(33706)=0.99999819972623
kQ(33706)=0.99999639945571
r1= : 4.6579663931602E-12
rpunto1 : = 568858.32508455
rduepunti0 : = -1.0129628777257E+25
fil : = 488.36991355888
fipunto1 : = 5.749170802966E+17
fi_gradi : = 27981.534888093
t1 : = 1.0809395963716E-14
tpunto1 : = 1.0003582019829
tduepunti0 : = -1.4831108287983E+14
v=v_elettrone : = 2738000.7336305
x0= : -6.8598681009722E-13
y0= : -4.6071086606036E-12
*****
i=33707
k(33707)=0.99999820723748
kQ(33707)=0.99999641447818
r1= : 4.6580331081213E-12
rpunto1 : = 567670.36695606
rduepunti0 : = -1.012936019955E+25
fil : = 488.36998098441
fipunto1 : = 5.7490061149138E+17
fi_gradi : = 27981.538751291
t1 : = 1.0809396081036E-14
tpunto1 : = 1.0003581846259
tduepunti0 : = -1.4799774672113E+14
v=v_elettrone : = 2737716.0037413
x0= : -6.8568600433515E-13
y0= : -4.6072210304335E-12
*****
i=33708
k(33708)=0.99999821473283
kQ(33708)=0.99999642946886
r1= : 4.6580996837601E-12
rpunto1 : = 566482.44025913
rduepunti0 : = -1.0129092192137E+25
fil : = 488.370048408
fipunto1 : = 5.7488417778444E+17
fi_gradi : = 27981.542614378
t1 : = 1.0809396198357E-14
tpunto1 : = 1.0003581673057
tduepunti0 : = -1.4768444554447E+14
v=v_elettrone : = 2737431.8475861
x0= : -6.8538517495558E-13
y0= : -4.607333241508E-12
```

```
*****
i=33709
k(33709)=0.99999822221229
kQ(33709)=0.99999644442773
r1= : 4.6581661200805E-12
rpunto1: = 565294.54492688
rduepunti0 : = -1.0128824754936E+25
fil : = 488.37011582967
fipunto1 : = 5.7486777917041E+17
fi_gradi : = 27981.546477355
t1 : = 1.0809396315678E-14
tpunto1 : = 1.0003581500222
tduepunti0 : = -1.4737117927371E+14
v=v_elettrone : = 2737148.263095
x0= : -6.8508432196976E-13
y0= : -4.6074452938301E-12
*****
i=33710
k(33710)=0.99999822967584
kQ(33710)=0.99999645935481
r1= : 4.6582324170861E-12
rpunto1: = 564106.68089246
rduepunti0 : = -1.0128557887867E+25
fil : = 488.37018324941
fipunto1 : = 5.7485141564391E+17
fi_gradi : = 27981.550340222
t1 : = 1.0809396432998E-14
tpunto1 : = 1.0003581327754
tduepunti0 : = -1.470579478327E+14
v=v_elettrone : = 2736865.2526176
x0= : -6.8478344538917E-13
y0= : -4.6075571874028E-12
*****
i=33711
k(33711)=0.9999982371235
kQ(33711)=0.9999964742501
r1= : 4.6582985747805E-12
rpunto1: = 562918.848089
rduepunti0 : = -1.0128291590848E+25
fil : = 488.37025066723
fipunto1 : = 5.748350871996E+17
fi_gradi : = 27981.554202978
t1 : = 1.0809396550319E-14
tpunto1 : = 1.0003581155654
tduepunti0 : = -1.4674475114535E+14
v=v_elettrone : = 2736582.814072
x0= : -6.8448254522502E-13
y0= : -4.6076689222289E-12
*****
i=33712
k(33712)=0.99999824455526
kQ(33712)=0.99999648911361
r1= : 4.6583645931675E-12
rpunto1: = 561731.04644967
rduepunti0 : = -1.0128025863798E+25
fil : = 488.37031808314
fipunto1 : = 5.7481879383214E+17
fi_gradi : = 27981.558065625
t1 : = 1.080939666764E-14
tpunto1 : = 1.0003580983921
tduepunti0 : = -1.4643158913555E+14
v=v_elettrone : = 2736300.9475963
x0= : -6.8418162148879E-13
y0= : -4.6077804983115E-12
```

```
*****
i=33713
k(33713)=0.99999825197114
kQ(33713)=0.99999650394533
r1= : 4.6584304722506E-12
rpunto1: = 560543.27590761
rduepunti0 : = -1.0127760706637E+25
fil : = 488.37038549714
fipunto1 : = 5.7480253553619E+17
fi_gradi : = 27981.561928163
t1 : = 1.080939678496E-14
tpunto1 : = 1.0003580812555
tduepunti0 : = -1.4611846172726E+14
v=v_elettrone : = 2736019.6555327
x0= : -6.8388067419196E-13
y0= : -4.6078919156533E-12
*****
i=33714
k(33714)=0.99999825937112
kQ(33714)=0.99999651874527
r1= : 4.6584962120336E-12
rpunto1: = 559355.53639602
rduepunti0 : = -1.0127496119283E+25
fil : = 488.37045290923
fipunto1 : = 5.7478631230643E+17
fi_gradi : = 27981.565790591
t1 : = 1.0809396902281E-14
tpunto1 : = 1.0003580641556
tduepunti0 : = -1.4580536884442E+14
v=v_elettrone : = 2735738.9358123
x0= : -6.8357970334572E-13
y0= : -4.6080031742575E-12
*****
i=33715
k(33715)=0.99999826675521
kQ(33715)=0.99999653351343
r1= : 4.65856181252E-12
rpunto1: = 558167.82784807
rduepunti0 : = -1.0127232101656E+25
fil : = 488.37052031941
fipunto1 : = 5.7477012413756E+17
fi_gradi : = 27981.56965291
t1 : = 1.0809397019602E-14
tpunto1 : = 1.0003580470925
tduepunti0 : = -1.4549231041101E+14
v=v_elettrone : = 2735458.788562
x0= : -6.8327870896155E-13
y0= : -4.6081142741268E-12
*****
i=33716
k(33716)=0.99999827412342
kQ(33716)=0.99999654824981
r1= : 4.6586272737135E-12
rpunto1: = 556980.15019696
rduepunti0 : = -1.0126968653676E+25
fil : = 488.3705877277
fipunto1 : = 5.7475397102429E+17
fi_gradi : = 27981.573515121
t1 : = 1.0809397136922E-14
tpunto1 : = 1.0003580300661
tduepunti0 : = -1.4517928635103E+14
v=v_elettrone : = 2735179.2161309
x0= : -6.8297769105088E-13
y0= : -4.6082252152642E-12
```

```
*****
i=33717
k(33717)=0.99999828147574
kQ(33717)=0.99999656295443
r1= : 4.6586925956177E-12
rpunto1: = 555792.50337588
rduepunti0 : = -1.0126705775262E+25
fil : = 488.3706551341
fipunto1 : = 5.7473785296133E+17
fi_gradi : = 27981.577377223
t1 : = 1.0809397254243E-14
tpunto1 : = 1.0003580130763
tduepunti0 : = -1.4486629658851E+14
v=v_elettrone : = 2734900.2164423
x0= : -6.8267664962492E-13
y0= : -4.6083359976725E-12
*****
i=33718
k(33718)=0.99999828881217
kQ(33718)=0.99999657762728
r1= : 4.6587577782363E-12
rpunto1: = 554604.88731805
rduepunti0 : = -1.0126443466335E+25
fil : = 488.3707225386
fipunto1 : = 5.7472176994342E+17
fi_gradi : = 27981.581239216
t1 : = 1.0809397371564E-14
tpunto1 : = 1.0003579961233
tduepunti0 : = -1.4455334104749E+14
v=v_elettrone : = 2734621.7918393
x0= : -6.8237558469511E-13
y0= : -4.6084466213547E-12
*****
i=33719
k(33719)=0.99999829613273
kQ(33719)=0.99999659226836
r1= : 4.6588228215728E-12
rpunto1: = 553417.30195669
rduepunti0 : = -1.0126181726815E+25
fil : = 488.37078994122
fipunto1 : = 5.7470572196528E+17
fi_gradi : = 27981.585101102
t1 : = 1.0809397488884E-14
tpunto1 : = 1.000357979207
tduepunti0 : = -1.4424041965203E+14
v=v_elettrone : = 2734343.9380319
x0= : -6.8207449627263E-13
y0= : -4.6085570863136E-12
*****
i=33720
k(33720)=0.9999983034374
kQ(33720)=0.99999660687768
r1= : 4.6588877256308E-12
rpunto1: = 552229.74722503
rduepunti0 : = -1.0125920556622E+25
fil : = 488.37085734196
fipunto1 : = 5.7468970902169E+17
fi_gradi : = 27981.58896288
t1 : = 1.0809397606205E-14
tpunto1 : = 1.0003579623273
tduepunti0 : = -1.4392753232621E+14
v=v_elettrone : = 2734066.6595777
x0= : -6.8177338436917E-13
y0= : -4.6086673925521E-12
```

```
*****
i=33721
k(33721)=0.9999983107262
kQ(33721)=0.99999662145525
r1= : 4.658952490414E-12
rpunto1 : = 551042.22305631
rduepunti0 : = -1.0125659955677E+25
fil : = 488.37092474081
fipunto1 : = 5.7467373110739E+17
fi_gradi : = 27981.59282455
t1 : = 1.0809397723526E-14
tpunto1 : = 1.0003579454844
tduepunti0 : = -1.4361467899416E+14
v=v_elettrone : = 2733789.9566111
x0= : -6.8147224899591E-13
y0= : -4.6087775400731E-12
*****
i=33722
k(33722)=0.99999831799911
kQ(33722)=0.99999663600106
r1= : 4.6590171159259E-12
rpunto1 : = 549854.72938377
rduepunti0 : = -1.0125399923901E+25
fil : = 488.3709921378
fipunto1 : = 5.7465778821717E+17
fi_gradi : = 27981.596686113
t1 : = 1.0809397840847E-14
tpunto1 : = 1.0003579286781
tduepunti0 : = -1.4330185958E+14
v=v_elettrone : = 2733513.8248403
x0= : -6.81171090164E-13
y0= : -4.6088875288794E-12
*****
i=33723
k(33723)=0.99999832525615
kQ(33723)=0.99999665051511
r1= : 4.6590816021701E-12
rpunto1 : = 548667.26614068
rduepunti0 : = -1.0125140461215E+25
fil : = 488.37105953291
fipunto1 : = 5.7464188034582E+17
fi_gradi : = 27981.600547568
t1 : = 1.0809397958167E-14
tpunto1 : = 1.0003579119086
tduepunti0 : = -1.4298907400787E+14
v=v_elettrone : = 2733238.2688184
x0= : -6.8086990788513E-13
y0= : -4.6089973589737E-12
*****
i=33724
k(33724)=0.99999833249732
kQ(33724)=0.99999666499742
r1= : 4.6591459491501E-12
rpunto1 : = 547479.8332603
rduepunti0 : = -1.0124881567538E+25
fil : = 488.37112692616
fipunto1 : = 5.7462600748814E+17
fi_gradi : = 27981.604408917
t1 : = 1.0809398075488E-14
tpunto1 : = 1.0003578951757
tduepunti0 : = -1.4267632220196E+14
v=v_elettrone : = 2732963.2864714
x0= : -6.8056870217045E-13
y0= : -4.6091070303591E-12
```

```
*****
i=33725
k(33725)=0.99999833972262
kQ(33725)=0.99999667944799
r1= : 4.6592101568696E-12
rpunto1: = 546292.43067591
rduepunti0 : = -1.0124623242794E+25
fil : = 488.37119431755
fipunto1 : = 5.7461016963893E+17
fi_gradi : = 27981.608270159
t1 : = 1.0809398192809E-14
tpunto1 : = 1.0003578784795
tduepunti0 : = -1.4236360408645E+14
v=v_elettrone : = 2732688.877927
x0= : -6.8026747303138E-13
y0= : -4.6092165430383E-12
*****
i=33726
k(33726)=0.99999834693204
kQ(33726)=0.99999669386681
r1= : 4.659274225332E-12
rpunto1: = 545105.0583208
rduepunti0 : = -1.0124365486904E+25
fil : = 488.37126170708
fipunto1 : = 5.7459436679302E+17
fi_gradi : = 27981.612131295
t1 : = 1.0809398310129E-14
tpunto1 : = 1.0003578618199
tduepunti0 : = -1.4205091958557E+14
v=v_elettrone : = 2732415.0455314
x0= : -6.7996622047931E-13
y0= : -4.609325897014E-12
*****
i=33727
k(33727)=0.99999835412559
kQ(33727)=0.9999967082539
r1= : 4.659338154541E-12
rpunto1: = 543917.71612825
rduepunti0 : = -1.0124108299788E+25
fil : = 488.37132909476
fipunto1 : = 5.7457859894525E+17
fi_gradi : = 27981.615992324
t1 : = 1.080939842745E-14
tpunto1 : = 1.000357845197
tduepunti0 : = -1.4173826862354E+14
v=v_elettrone : = 2732141.7872046
x0= : -6.7966494452538E-13
y0= : -4.6094350922892E-12
*****
i=33728
k(33728)=0.99999836130328
kQ(33728)=0.99999672260924
r1= : 4.6594019445E-12
rpunto1: = 542730.40403157
rduepunti0 : = -1.0123851681369E+25
fil : = 488.37139648058
fipunto1 : = 5.7456286609047E+17
fi_gradi : = 27981.619853248
t1 : = 1.0809398544771E-14
tpunto1 : = 1.0003578286108
tduepunti0 : = -1.4142565112464E+14
v=v_elettrone : = 2731869.103078
x0= : -6.79363645181E-13
y0= : -4.6095441288665E-12
```



```
*****
i=33729
k(33729)=0.9999983684651
kQ(33729)=0.99999673693286
r1= : 4.6594655952127E-12
rpunto1 : = 541543.12196408
rduepunti0 : = -1.012359563157E+25
fil : = 488.37146386456
fipunto1 : = 5.7454716822353E+17
fi_gradi : = 27981.623714065
t1 : = 1.0809398662091E-14
tpunto1 : = 1.0003578120613
tduepunti0 : = -1.4111306701313E+14
v=v_elettrone : = 2731596.9932785
x0= : -6.7906232245755E-13
y0= : -4.6096530067489E-12
*****
i=33730
k(33730)=0.99999837561105
kQ(33730)=0.99999675122475
r1= : 4.6595291066824E-12
rpunto1 : = 540355.8698591
rduepunti0 : = -1.0123340150311E+25
fil : = 488.37153124671
fipunto1 : = 5.7453150533931E+17
fi_gradi : = 27981.627574778
t1 : = 1.0809398779412E-14
tpunto1 : = 1.0003577955484
tduepunti0 : = -1.4080051621331E+14
v=v_elettrone : = 2731325.4579474
x0= : -6.7876097636641E-13
y0= : -4.609761725939E-12
*****
i=33731
k(33731)=0.99999838274115
kQ(33731)=0.99999676548491
r1= : 4.6595924789127E-12
rpunto1 : = 539168.64764996
rduepunti0 : = -1.0123085237516E+25
fil : = 488.37159862701
fipunto1 : = 5.7451587743268E+17
fi_gradi : = 27981.631435385
t1 : = 1.0809398896732E-14
tpunto1 : = 1.0003577790721
tduepunti0 : = -1.4048799864951E+14
v=v_elettrone : = 2731054.4994145
x0= : -6.7845960691897E-13
y0= : -4.6098702864397E-12
*****
i=33732
k(33732)=0.99999838985538
kQ(33732)=0.99999677971335
r1= : 4.6596557119072E-12
rpunto1 : = 537981.45527
rduepunti0 : = -1.0122830893106E+25
fil : = 488.37166600548
fipunto1 : = 5.7450028449855E+17
fi_gradi : = 27981.635295887
t1 : = 1.0809399014053E-14
tpunto1 : = 1.0003577626325
tduepunti0 : = -1.4017551424608E+14
v=v_elettrone : = 2730784.1133958
x0= : -6.7815821412634E-13
y0= : -4.6099786882537E-12
```

```
*****
i=33733
k(33733)=0.99999839695375
kQ(33733)=0.99999679391007
r1= : 4.6597188056693E-12
rpunto1 : = 536794.29265257
rduepunti0 : = -1.0122577117005E+25
fil : = 488.37173338212
fipunto1 : = 5.7448472653181E+17
fi_gradi : = 27981.639156284
t1 : = 1.0809399131374E-14
tpunto1 : = 1.0003577462296
tduepunti0 : = -1.3986306292737E+14
v=v_elettrone : = 2730514.304443
x0= : -6.7785679800015E-13
y0= : -4.6100869313837E-12
*****
i=33734
k(33734)=0.99999840403626
kQ(33734)=0.99999680807507
r1= : 4.6597817602026E-12
rpunto1 : = 535607.15973102
rduepunti0 : = -1.0122323909136E+25
fil : = 488.37180075694
fipunto1 : = 5.7446920352739E+17
fi_gradi : = 27981.643016577
t1 : = 1.0809399248694E-14
tpunto1 : = 1.0003577298632
tduepunti0 : = -1.3955064461776E+14
v=v_elettrone : = 2730245.0704692
x0= : -6.7755535855151E-13
y0= : -4.6101950158325E-12
*****
i=33735
k(33735)=0.99999841110292
kQ(33735)=0.99999682220836
r1= : 4.6598445755104E-12
rpunto1 : = 534420.05643874
rduepunti0 : = -1.0122071269422E+25
fil : = 488.37186812994
fipunto1 : = 5.7445371548022E+17
fi_gradi : = 27981.646876765
t1 : = 1.0809399366015E-14
tpunto1 : = 1.0003577135336
tduepunti0 : = -1.3923825924167E+14
v=v_elettrone : = 2729976.4116116
x0= : -6.7725389579177E-13
y0= : -4.6103029416028E-12
*****
i=33736
k(33736)=0.99999841815372
kQ(33736)=0.99999683630994
r1= : 4.6599072515963E-12
rpunto1 : = 533232.98270908
rduepunti0 : = -1.0121819197785E+25
fil : = 488.37193550112
fipunto1 : = 5.7443826238523E+17
fi_gradi : = 27981.65073685
t1 : = 1.0809399483336E-14
tpunto1 : = 1.0003576972405
tduepunti0 : = -1.3892590672352E+14
v=v_elettrone : = 2729708.3280009
x0= : -6.769524097323E-13
y0= : -4.6104107086974E-12
```

```
*****
i=33737
k(33737)=0.99999842518867
kQ(33737)=0.99999685037981
r1= : 4.6599697884638E-12
rpunto1 : = 532045.93847544
rduepunti0 : = -1.012156769415E+25
fil : = 488.37200287049
fipunto1 : = 5.7442284423739E+17
fi_gradi : = 27981.65459683
t1 : = 1.0809399600656E-14
tpunto1 : = 1.0003576809841
tduepunti0 : = -1.3861358698775E+14
v=v_elettrone : = 2729440.8219701
x0= : -6.7665090038443E-13
y0= : -4.6105183171189E-12
*****
i=33738
k(33738)=0.99999843220776
kQ(33738)=0.99999686441798
r1= : 4.6600321861162E-12
rpunto1 : = 530858.92367122
rduepunti0 : = -1.0121316758439E+25
fil : = 488.37207023805
fipunto1 : = 5.7440746103165E+17
fi_gradi : = 27981.658456707
t1 : = 1.0809399717977E-14
tpunto1 : = 1.0003576647643
tduepunti0 : = -1.3830129995884E+14
v=v_elettrone : = 2729173.8892287
x0= : -6.7634936775927E-13
y0= : -4.6106257668701E-12
*****
i=33739
k(33739)=0.99999843921101
kQ(33739)=0.99999687842445
r1= : 4.6600944445571E-12
rpunto1 : = 529671.93822981
rduepunti0 : = -1.0121066390578E+25
fil : = 488.37213760381
fipunto1 : = 5.7439211276299E+17
fi_gradi : = 27981.66231648
t1 : = 1.0809399835298E-14
tpunto1 : = 1.0003576485811
tduepunti0 : = -1.3798904556127E+14
v=v_elettrone : = 2728907.534333
x0= : -6.760478118684E-13
y0= : -4.6107330579537E-12
*****
i=33740
k(33740)=0.9999984461984
kQ(33740)=0.99999689239922
r1= : 4.6601565637899E-12
rpunto1 : = 528484.98208462
rduepunti0 : = -1.0120816590489E+25
fil : = 488.37220496776
fipunto1 : = 5.7437679942641E+17
fi_gradi : = 27981.666176151
t1 : = 1.0809399952618E-14
tpunto1 : = 1.0003576324346
tduepunti0 : = -1.3767682371955E+14
v=v_elettrone : = 2728641.7529792
x0= : -6.757462327229E-13
y0= : -4.6108401903724E-12
```

```
*****
i=33741
k(33741)=0.99999845316995
kQ(33741)=0.99999690634229
r1= : 4.6602185438181E-12
rpunto1 : = 527298.05516909
rduepunti0 : = -1.0120567358096E+25
fil : = 488.37227232992
fipunto1 : = 5.7436152101689E+17
fi_gradi : = 27981.670035718
t1 : = 1.0809400069939E-14
tpunto1 : = 1.0003576163246
tduepunti0 : = -1.3736463435821E+14
v=v_elettrone : = 2728376.5497323
x0= : -6.7544463033437E-13
y0= : -4.6109471641287E-12
*****
i=33742
k(33742)=0.99999846012565
kQ(33742)=0.99999692025368
r1= : 4.660280384645E-12
rpunto1 : = 526111.15741664
rduepunti0 : = -1.0120318693325E+25
fil : = 488.37233969029
fipunto1 : = 5.7434627752946E+17
fi_gradi : = 27981.673895183
t1 : = 1.080940018726E-14
tpunto1 : = 1.0003576002513
tduepunti0 : = -1.370524774018E+14
v=v_elettrone : = 2728111.9224978
x0= : -6.7514300471386E-13
y0= : -4.6110539792255E-12
*****
i=33743
k(33743)=0.99999846706551
kQ(33743)=0.99999693413337
r1= : 4.6603420862741E-12
rpunto1 : = 524924.2887607
rduepunti0 : = -1.0120070596099E+25
fil : = 488.37240704887
fipunto1 : = 5.7433106895913E+17
fi_gradi : = 27981.677754546
t1 : = 1.080940030458E-14
tpunto1 : = 1.0003575842145
tduepunti0 : = -1.3674035277489E+14
v=v_elettrone : = 2727847.871407
x0= : -6.7484135587271E-13
y0= : -4.6111606356655E-12
*****
i=33744
k(33744)=0.99999847398953
kQ(33744)=0.99999694798138
r1= : 4.6604036487088E-12
rpunto1 : = 523737.44913473
rduepunti0 : = -1.0119823066344E+25
fil : = 488.37247440567
fipunto1 : = 5.7431589530095E+17
fi_gradi : = 27981.681613806
t1 : = 1.0809400421901E-14
tpunto1 : = 1.0003575682144
tduepunti0 : = -1.3642826040207E+14
v=v_elettrone : = 2727584.3965924
x0= : -6.7453968382223E-13
y0= : -4.6112671334511E-12
```

```
*****
i=33745
k(33745)=0.9999984808977
kQ(33745)=0.99999696179771
r1= : 4.6604650719524E-12
rpunto1: = 522550.63847219
rduepunti0 : = -1.0119576103983E+25
fil : = 488.37254176069
fipunto1 : = 5.7430075654995E+17
fi_gradi : = 27981.685472964
t1 : = 1.0809400539221E-14
tpunto1 : = 1.0003575522509
tduepunti0 : = -1.3611620020796E+14
v=v_elettrone : = 2727321.4959529
x0= : -6.7423798857372E-13
y0= : -4.6113734725851E-12
*****
i=33746
k(33746)=0.99999848779004
kQ(33746)=0.99999697558236
r1= : 4.6605263560085E-12
rpunto1: = 521363.85670653
rduepunti0 : = -1.0119329708943E+25
fil : = 488.37260911393
fipunto1 : = 5.742856527012E+17
fi_gradi : = 27981.689332021
t1 : = 1.0809400656542E-14
tpunto1 : = 1.000357536324
tduepunti0 : = -1.3580417211717E+14
v=v_elettrone : = 2727059.1740661
x0= : -6.7393627013876E-13
y0= : -4.6114796530702E-12
*****
i=33747
k(33747)=0.99999849466653
kQ(33747)=0.99999698933533
r1= : 4.6605875008804E-12
rpunto1: = 520177.10377123
rduepunti0 : = -1.0119083881148E+25
fil : = 488.3726764654
fipunto1 : = 5.7427058374977E+17
fi_gradi : = 27981.693190976
t1 : = 1.0809400773863E-14
tpunto1 : = 1.0003575204336
tduepunti0 : = -1.3549217605438E+14
v=v_elettrone : = 2726797.4288239
x0= : -6.7363452852839E-13
y0= : -4.6115856749088E-12
*****
i=33748
k(33748)=0.99999850152719
kQ(33748)=0.99999700305663
r1= : 4.6606485065714E-12
rpunto1: = 518990.37959979
rduepunti0 : = -1.0118838620523E+25
fil : = 488.37274381511
fipunto1 : = 5.7425554969074E+17
fi_gradi : = 27981.697049829
t1 : = 1.0809400891183E-14
tpunto1 : = 1.0003575045799
tduepunti0 : = -1.3518021194424E+14
v=v_elettrone : = 2726536.2603723
x0= : -6.7333276375391E-13
y0= : -4.6116915381038E-12
```

```
*****
i=33749
k(33749)=0.99999850837202
kQ(33749)=0.99999701674626
r1= : 4.660709373085E-12
rpunto1: = 517803.68412567
rduepunti0 : = -1.0118593926995E+25
fil : = 488.37281116305
fipunto1 : = 5.7424055051921E+17
fi_gradi : = 27981.700908582
t1 : = 1.0809401008504E-14
tpunto1 : = 1.0003574887627
tduepunti0 : = -1.3486827971145E+14
v=v_elettrone : = 2726275.6688175
x0= : -6.730309758266E-13
y0= : -4.6117972426576E-12
*****
i=33750
k(33750)=0.99999851520101
kQ(33750)=0.99999703040423
r1= : 4.6607701004245E-12
rpunto1: = 516617.0172824
rduepunti0 : = -1.0118349800489E+25
fil : = 488.37287850923
fipunto1 : = 5.7422558623027E+17
fi_gradi : = 27981.704767234
t1 : = 1.0809401125825E-14
tpunto1 : = 1.0003574729821
tduepunti0 : = -1.3455637928072E+14
v=v_elettrone : = 2726015.654302
x0= : -6.7272916475775E-13
y0= : -4.6119027885729E-12
*****
i=33751
k(33751)=0.99999852201417
kQ(33751)=0.99999704403053
r1= : 4.6608306885932E-12
rpunto1: = 515430.37900347
rduepunti0 : = -1.011810624093E+25
fil : = 488.37294585365
fipunto1 : = 5.7421065681905E+17
fi_gradi : = 27981.708625785
t1 : = 1.0809401243145E-14
tpunto1 : = 1.0003574572381
tduepunti0 : = -1.3424451057679E+14
v=v_elettrone : = 2725756.2169464
x0= : -6.7242733055866E-13
y0= : -4.6120081758523E-12
*****
i=33752
k(33752)=0.9999985288115
kQ(33752)=0.99999705762516
r1= : 4.6608911375946E-12
rpunto1: = 514243.76922241
rduepunti0 : = -1.0117863248245E+25
fil : = 488.37301319633
fipunto1 : = 5.7419576228068E+17
fi_gradi : = 27981.712484237
t1 : = 1.0809401360466E-14
tpunto1 : = 1.0003574415306
tduepunti0 : = -1.339326735244E+14
v=v_elettrone : = 2725497.3568762
x0= : -6.7212547324058E-13
y0= : -4.6121134044983E-12
```

```
*****
i=33753
k(33753)=0.999998535593
kQ(33753)=0.99999707118814
r1= : 4.6609514474319E-12
rpunto1 : = 513057.18787274
rduepunti0 : = -1.0117620822361E+25
fil : = 488.37308053726
fipunto1 : = 5.7418090261029E+17
fi_gradi : = 27981.716342588
t1 : = 1.0809401477786E-14
tpunto1 : = 1.0003574258597
tduepunti0 : = -1.3362086804834E+14
v=v_elettrone : = 2725239.0719995
x0= : -6.7182359281481E-13
y0= : -4.6122184745136E-12
*****
i=33754
k(33754)=0.99999854235867
kQ(33754)=0.99999708471947
r1= : 4.6610116181085E-12
rpunto1 : = 511870.63488799
rduepunti0 : = -1.0117378963203E+25
fil : = 488.37314787644
fipunto1 : = 5.7416607780305E+17
fi_gradi : = 27981.720200839
t1 : = 1.0809401595107E-14
tpunto1 : = 1.0003574102254
tduepunti0 : = -1.3330909407338E+14
v=v_elettrone : = 2724981.3668822
x0= : -6.7152168929287E-13
y0= : -4.6123233859007E-12
*****
i=33755
k(33755)=0.99999854910852
kQ(33755)=0.99999709821914
r1= : 4.6610716496277E-12
rpunto1 : = 510684.11020171
rduepunti0 : = -1.0117137670698E+25
fil : = 488.37321521389
fipunto1 : = 5.741512878541E+17
fi_gradi : = 27981.72405899
t1 : = 1.0809401712428E-14
tpunto1 : = 1.0003573946277
tduepunti0 : = -1.3299735152435E+14
v=v_elettrone : = 2724724.2394201
x0= : -6.7121976268575E-13
y0= : -4.6124281386621E-12
*****
i=33756
k(33756)=0.99999855584254
kQ(33756)=0.99999711168717
r1= : 4.6611315419928E-12
rpunto1 : = 509497.61374746
rduepunti0 : = -1.0116896944773E+25
fil : = 488.3732825496
fipunto1 : = 5.7413653275864E+17
fi_gradi : = 27981.727917042
t1 : = 1.0809401829748E-14
tpunto1 : = 1.0003573790665
tduepunti0 : = -1.3268564032608E+14
v=v_elettrone : = 2724467.6875306
x0= : -6.7091781300473E-13
y0= : -4.6125327328005E-12
```

```
*****
i=33757
k(33757)=0.99999856256074
kQ(33757)=0.99999712512355
r1= : 4.6611912952072E-12
rpunto1: = 508311.14545879
rduepunti0 : = -1.0116656785355E+25
fil : = 488.37334988359
fipunto1 : = 5.7412181251183E+17
fi_gradi : = 27981.731774995
t1 : = 1.0809401947069E-14
tpunto1 : = 1.0003573635418
tduepunti0 : = -1.3237396040341E+14
v=v_elettrone : = 2724211.7157739
x0= : -6.7061584026131E-13
y0= : -4.6126371683183E-12
*****
i=33758
k(33758)=0.99999856926312
kQ(33758)=0.99999713852828
r1= : 4.6612509092742E-12
rpunto1: = 507124.70526927
rduepunti0 : = -1.0116417192371E+25
fil : = 488.37341721584
fipunto1 : = 5.741071271089E+17
fi_gradi : = 27981.73563285
t1 : = 1.0809402064389E-14
tpunto1 : = 1.0003573480537
tduepunti0 : = -1.3206231168122E+14
v=v_elettrone : = 2723956.3198318
x0= : -6.7031384446648E-13
y0= : -4.612741445218E-12
*****
i=33759
k(33759)=0.99999857594968
kQ(33759)=0.99999715190138
r1= : 4.661310384197E-12
rpunto1: = 505938.29311248
rduepunti0 : = -1.0116178165749E+25
fil : = 488.37348454638
fipunto1 : = 5.7409247654504E+17
fi_gradi : = 27981.739490605
t1 : = 1.080940218171E-14
tpunto1 : = 1.0003573326022
tduepunti0 : = -1.3175069408441E+14
v=v_elettrone : = 2723701.5020549
x0= : -6.7001182563176E-13
y0= : -4.6128455635023E-12
*****
i=33760
k(33760)=0.99999858262041
kQ(33760)=0.99999716524284
r1= : 4.6613697199789E-12
rpunto1: = 504751.908922
rduepunti0 : = -1.0115939705415E+25
fil : = 488.37355187519
fipunto1 : = 5.7407786081548E+17
fi_gradi : = 27981.743348262
t1 : = 1.0809402299031E-14
tpunto1 : = 1.0003573171872
tduepunti0 : = -1.3143910753788E+14
v=v_elettrone : = 2723447.2625602
x0= : -6.6970978376837E-13
y0= : -4.6129495231736E-12
```



```
*****
i=33761
k(33761)=0.99999858927534
kQ(33761)=0.99999717855266
r1= : 4.6614289166232E-12
rpunto1 : = 503565.55263144
rduepunti0 : = -1.0115701811298E+25
fil : = 488.37361920229
fipunto1 : = 5.7406327991544E+17
fi_gradi : = 27981.747205821
t1 : = 1.0809402416351E-14
tpunto1 : = 1.0003573018087
tduepunti0 : = -1.3112755196655E+14
v=v_elettrone : = 2723193.6014745
x0= : -6.6940771888756E-13
y0= : -4.6130533242344E-12
*****
i=33762
k(33762)=0.99999859591444
kQ(33762)=0.99999719183086
r1= : 4.6614879741332E-12
rpunto1 : = 502379.2241744
rduepunti0 : = -1.0115464483325E+25
fil : = 488.37368652768
fipunto1 : = 5.7404873384019E+17
fi_gradi : = 27981.751063281
t1 : = 1.0809402533672E-14
tpunto1 : = 1.0003572864668
tduepunti0 : = -1.308160272954E+14
v=v_elettrone : = 2722940.5189267
x0= : -6.6910563100055E-13
y0= : -4.6131569666872E-12
*****
i=33763
k(33763)=0.99999860253773
kQ(33763)=0.99999720507742
r1= : 4.6615468925122E-12
rpunto1 : = 501192.92348447
rduepunti0 : = -1.0115227721425E+25
fil : = 488.37375385137
fipunto1 : = 5.7403422258497E+17
fi_gradi : = 27981.754920644
t1 : = 1.0809402650992E-14
tpunto1 : = 1.0003572711614
tduepunti0 : = -1.3050453344937E+14
v=v_elettrone : = 2722688.0150277
x0= : -6.6880352011858E-13
y0= : -4.6132604505345E-12
*****
i=33764
k(33764)=0.99999860914521
kQ(33764)=0.99999721829236
r1= : 4.6616056717634E-12
rpunto1 : = 500006.6504953
rduepunti0 : = -1.0114991525525E+25
fil : = 488.37382117335
fipunto1 : = 5.7401974614506E+17
fi_gradi : = 27981.75877791
t1 : = 1.0809402768313E-14
tpunto1 : = 1.0003572558925
tduepunti0 : = -1.3019307035347E+14
v=v_elettrone : = 2722436.0899176
x0= : -6.6850138625286E-13
y0= : -4.6133637757788E-12
```

```
*****
i=33765
k(33765)=0.99999861573688
kQ(33765)=0.99999723147568
r1= : 4.66166431189E-12
rpunto1 : = 498820.4051405
rduepunti0 : = -1.0114755895554E+25
fil : = 488.37388849364
fipunto1 : = 5.7400530451572E+17
fi_gradi : = 27981.762635078
t1 : = 1.0809402885634E-14
tpunto1 : = 1.0003572406601
tduepunti0 : = -1.2988163793269E+14
v=v_elettrone : = 2722184.7414825
x0= : -6.6819922941461E-13
y0= : -4.6134669424226E-12
*****
i=33766
k(33766)=0.99999862231274
kQ(33766)=0.99999724462738
r1= : 4.6617228128953E-12
rpunto1 : = 497634.18735371
rduepunti0 : = -1.011452083144E+25
fil : = 488.37395581223
fipunto1 : = 5.7399089769227E+17
fi_gradi : = 27981.766492149
t1 : = 1.0809403002954E-14
tpunto1 : = 1.0003572254643
tduepunti0 : = -1.2957023611207E+14
v=v_elettrone : = 2721933.9720769
x0= : -6.678970496153E-13
y0= : -4.6135699504683E-12
*****
i=33767
k(33767)=0.99999862887279
kQ(33767)=0.99999725774746
r1= : 4.6617811747826E-12
rpunto1 : = 496447.99706858
rduepunti0 : = -1.0114286333113E+25
fil : = 488.37402312913
fipunto1 : = 5.7397652566999E+17
fi_gradi : = 27981.770349124
t1 : = 1.0809403120275E-14
tpunto1 : = 1.000357210305
tduepunti0 : = -1.2925886481666E+14
v=v_elettrone : = 2721683.7818153
x0= : -6.6759484686615E-13
y0= : -4.6136727999184E-12
*****
i=33768
k(33768)=0.99999863541704
kQ(33768)=0.99999727083593
r1= : 4.661839397555E-12
rpunto1 : = 495261.83421876
rduepunti0 : = -1.0114052400501E+25
fil : = 488.37409044435
fipunto1 : = 5.7396218844421E+17
fi_gradi : = 27981.774206002
t1 : = 1.0809403237595E-14
tpunto1 : = 1.0003571951822
tduepunti0 : = -1.2894752397152E+14
v=v_elettrone : = 2721434.170822
x0= : -6.6729262117834E-13
y0= : -4.6137754907752E-12
```

```
*****
i=33769
k(33769)=0.99999864194547
kQ(33769)=0.99999728389279
r1= : 4.6618974812158E-12
rpunto1: = 494075.69873792
rduepunti0 : = -1.0113819033533E+25
fil : = 488.37415775789
fipunto1 : = 5.7394788601026E+17
fi_gradi : = 27981.778062783
t1 : = 1.0809403354916E-14
tpunto1 : = 1.0003571800959
tduepunti0 : = -1.2863621350173E+14
v=v_elettrone : = 2721185.1392288
x0= : -6.6699037256309E-13
y0= : -4.6138780230413E-12
*****
i=33770
k(33770)=0.99999864845811
kQ(33770)=0.99999729691804
r1= : 4.6619554257681E-12
rpunto1: = 492889.59055971
rduepunti0 : = -1.0113586232138E+25
fil : = 488.37422506974
fipunto1 : = 5.7393361836346E+17
fi_gradi : = 27981.781919469
t1 : = 1.0809403472237E-14
tpunto1 : = 1.0003571650461
tduepunti0 : = -1.2832493333241E+14
v=v_elettrone : = 2720936.6849224
x0= : -6.6668810103159E-13
y0= : -4.6139803967192E-12
*****
i=33771
k(33771)=0.99999865495494
kQ(33771)=0.99999730991169
r1= : 4.6620132312152E-12
rpunto1: = 491703.50961783
rduepunti0 : = -1.0113353996246E+25
fil : = 488.37429237993
fipunto1 : = 5.7391938549918E+17
fi_gradi : = 27981.785776058
t1 : = 1.0809403589557E-14
tpunto1 : = 1.0003571500329
tduepunti0 : = -1.2801368338867E+14
v=v_elettrone : = 2720688.8102512
x0= : -6.6638580659528E-13
y0= : -4.614082611811E-12
*****
i=33772
k(33772)=0.99999866143597
kQ(33772)=0.99999732287373
r1= : 4.6620708975604E-12
rpunto1: = 490517.45584596
rduepunti0 : = -1.0113122325787E+25
fil : = 488.37435968844
fipunto1 : = 5.7390518741277E+17
fi_gradi : = 27981.789632552
t1 : = 1.0809403706878E-14
tpunto1 : = 1.0003571350561
tduepunti0 : = -1.2770246359566E+14
v=v_elettrone : = 2720441.5153341
x0= : -6.6608348926535E-13
y0= : -4.6141846683194E-12
```

```
*****
i=33773
k(33773)=0.9999986679012
kQ(33773)=0.99999733580418
r1= : 4.6621284248066E-12
rpunto1: = 489331.42917779
rduepunti0 : = -1.011289122069E+25
fil : = 488.3744269953
fipunto1 : = 5.738910240996E+17
fi_gradi : = 27981.79348895
t1 : = 1.0809403824198E-14
tpunto1 : = 1.0003571201158
tduepunti0 : = -1.2739127387853E+14
v=v_elettrone : = 2720194.8002995
x0= : -6.6578114905298E-13
y0= : -4.6142865662467E-12
*****
i=33774
k(33774)=0.99999867435063
kQ(33774)=0.99999734870303
r1= : 4.6621858129573E-12
rpunto1: = 488145.42954703
rduepunti0 : = -1.0112660680885E+25
fil : = 488.37449430048
fipunto1 : = 5.738768955507E+17
fi_gradi : = 27981.797345254
t1 : = 1.0809403941519E-14
tpunto1 : = 1.000357105212
tduepunti0 : = -1.2708011416248E+14
v=v_elettrone : = 2719948.6630396
x0= : -6.6547878596935E-13
y0= : -4.6143883055953E-12
*****
i=33775
k(33775)=0.99999868078427
kQ(33775)=0.99999736157028
r1= : 4.6622430620154E-12
rpunto1: = 486959.45688739
rduepunti0 : = -1.0112430706302E+25
fil : = 488.37456160402
fipunto1 : = 5.7386280177457E+17
fi_gradi : = 27981.801201462
t1 : = 1.0809404058839E-14
tpunto1 : = 1.0003570903447
tduepunti0 : = -1.267689843727E+14
v=v_elettrone : = 2719703.1058991
x0= : -6.6517640002588E-13
y0= : -4.6144898863676E-12
*****
i=33776
k(33776)=0.99999868720211
kQ(33776)=0.99999737440595
r1= : 4.6623001719842E-12
rpunto1: = 485773.51113259
rduepunti0 : = -1.0112201296872E+25
fil : = 488.3746289059
fipunto1 : = 5.738487427535E+17
fi_gradi : = 27981.805057576
t1 : = 1.080940417616E-14
tpunto1 : = 1.0003570755139
tduepunti0 : = -1.2645788443441E+14
v=v_elettrone : = 2719458.1289959
x0= : -6.6487399123375E-13
y0= : -4.6145913085659E-12
```

```
*****
i=33777
k(33777)=0.99999869360416
kQ(33777)=0.99999738721003
r1= : 4.6623571428668E-12
rpunto1: = 484587.59221635
rduepunti0 : = -1.0111972452525E+25
fil : = 488.37469620613
fipunto1 : = 5.738347184873E+17
fi_gradi : = 27981.808913595
t1 : = 1.0809404293481E-14
tpunto1 : = 1.0003570607196
tduepunti0 : = -1.2614681427284E+14
v=v_elettrone : = 2719213.7324528
x0= : -6.6457155960411E-13
y0= : -4.6146925721926E-12
*****
i=33778
k(33778)=0.99999869999041
kQ(33778)=0.99999739998252
r1= : 4.6624139746665E-12
rpunto1: = 483401.70007241
rduepunti0 : = -1.0111744173191E+25
fil : = 488.37476350471
fipunto1 : = 5.7382072897138E+17
fi_gradi : = 27981.81276952
t1 : = 1.0809404410801E-14
tpunto1 : = 1.0003570459617
tduepunti0 : = -1.2583577381326E+14
v=v_elettrone : = 2718969.9141668
x0= : -6.6426910514813E-13
y0= : -4.6147936772501E-12
*****
i=33779
k(33779)=0.99999870636088
kQ(33779)=0.99999741272343
r1= : 4.6624706673862E-12
rpunto1: = 482215.83463452
rduepunti0 : = -1.0111516458802E+25
fil : = 488.37483080166
fipunto1 : = 5.7380677420119E+17
fi_gradi : = 27981.816625351
t1 : = 1.0809404528122E-14
tpunto1 : = 1.0003570312403
tduepunti0 : = -1.2552476298093E+14
v=v_elettrone : = 2718726.6764786
x0= : -6.6396662787721E-13
y0= : -4.6148946237407E-12
*****
i=33780
k(33780)=0.99999871271555
kQ(33780)=0.99999742543276
r1= : 4.6625272210292E-12
rpunto1: = 481029.99583643
rduepunti0 : = -1.0111289309289E+25
fil : = 488.37489809697
fipunto1 : = 5.7379285417219E+17
fi_gradi : = 27981.820481088
t1 : = 1.0809404645442E-14
tpunto1 : = 1.0003570165554
tduepunti0 : = -1.2521378170115E+14
v=v_elettrone : = 2718484.0195097
x0= : -6.636641278025E-13
y0= : -4.6149954116667E-12
```

```
*****
i=33781
k(33781)=0.99999871905444
kQ(33781)=0.99999743811052
r1= : 4.6625836355986E-12
rpunto1: = 479844.18361189
rduepunti0 : = -1.0111062724582E+25
fil : = 488.37496539064
fipunto1 : = 5.7377896887984E+17
fi_gradi : = 27981.824336732
t1 : = 1.0809404762763E-14
tpunto1 : = 1.000357001907
tduepunti0 : = -1.2490282989924E+14
v=v_elettrone : = 2718241.9411535
x0= : -6.6336160493515E-13
y0= : -4.6150960410306E-12
*****
i=33782
k(33782)=0.99999872537754
kQ(33782)=0.9999974507567
r1= : 4.6626399110974E-12
rpunto1: = 478658.39789469
rduepunti0 : = -1.0110836704614E+25
fil : = 488.37503268269
fipunto1 : = 5.7376511831962E+17
fi_gradi : = 27981.828192282
t1 : = 1.0809404880083E-14
tpunto1 : = 1.000356987295
tduepunti0 : = -1.2459190750052E+14
v=v_elettrone : = 2718000.4437522
x0= : -6.6305905928656E-13
y0= : -4.6151965118345E-12
*****
i=33783
k(33783)=0.99999873168485
kQ(33783)=0.99999746337131
r1= : 4.6626960475289E-12
rpunto1: = 477472.63861858
rduepunti0 : = -1.0110611249315E+25
fil : = 488.37509997311
fipunto1 : = 5.7375130248702E+17
fi_gradi : = 27981.832047739
t1 : = 1.0809404997404E-14
tpunto1 : = 1.0003569727195
tduepunti0 : = -1.2428101443034E+14
v=v_elettrone : = 2717759.5274291
x0= : -6.6275649086786E-13
y0= : -4.6152968240809E-12
*****
i=33784
k(33784)=0.99999873797638
kQ(33784)=0.99999747595435
r1= : 4.662752044896E-12
rpunto1: = 476286.90571737
rduepunti0 : = -1.0110386358617E+25
fil : = 488.37516726192
fipunto1 : = 5.7373752137755E+17
fi_gradi : = 27981.835903104
t1 : = 1.0809405114725E-14
tpunto1 : = 1.0003569581804
tduepunti0 : = -1.2397015061407E+14
v=v_elettrone : = 2717519.1900712
x0= : -6.6245389969019E-13
y0= : -4.615396977772E-12
```

```
*****
i=33785
k(33785)=0.99999874425213
kQ(33785)=0.99999748850583
r1= : 4.662807903202E-12
rpunto1 : = 475101.19912483
rduepunti0 : = -1.0110162032452E+25
fil : = 488.3752345491
fipunto1 : = 5.7372377498671E+17
fi_gradi : = 27981.839758375
t1 : = 1.0809405232045E-14
tpunto1 : = 1.0003569436778
tduepunti0 : = -1.236593159771E+14
v=v_elettrone : = 2717279.4340288
x0= : -6.6215128576492E-13
y0= : -4.6154969729101E-12
*****
i=33786
k(33786)=0.99999875051209
kQ(33786)=0.99999750102575
r1= : 4.6628636224498E-12
rpunto1 : = 473915.51877477
rduepunti0 : = -1.0109938270752E+25
fil : = 488.37530183468
fipunto1 : = 5.7371006331002E+17
fi_gradi : = 27981.843613555
t1 : = 1.0809405349366E-14
tpunto1 : = 1.0003569292117
tduepunti0 : = -1.2334851044483E+14
v=v_elettrone : = 2717040.2594109
x0= : -6.6184864910318E-13
y0= : -4.6155968094975E-12
*****
i=33787
k(33787)=0.99999875675628
kQ(33787)=0.9999975135141
r1= : 4.6629192026426E-12
rpunto1 : = 472729.864601
rduepunti0 : = -1.010971507345E+25
fil : = 488.37536911865
fipunto1 : = 5.7369638634303E+17
fi_gradi : = 27981.847468642
t1 : = 1.0809405466686E-14
tpunto1 : = 1.000356914782
tduepunti0 : = -1.2303773394268E+14
v=v_elettrone : = 2716801.6641187
x0= : -6.6154598971609E-13
y0= : -4.6156964875365E-12
*****
i=33788
k(33788)=0.99999876298469
kQ(33788)=0.9999975259709
r1= : 4.6629746437834E-12
rpunto1 : = 471544.23653733
rduepunti0 : = -1.0109492440478E+25
fil : = 488.37543640101
fipunto1 : = 5.7368274408128E+17
fi_gradi : = 27981.851323638
t1 : = 1.0809405584007E-14
tpunto1 : = 1.0003569003887
tduepunti0 : = -1.227269863961E+14
v=v_elettrone : = 2716563.6504895
x0= : -6.6124330761502E-13
y0= : -4.6157960070293E-12
```

```
*****
i=33789
k(33789)=0.99999876919732
kQ(33789)=0.99999753839615
r1= : 4.6630299458753E-12
rpunto1: = 470358.6345176
rduepunti0 : = -1.0109270371768E+25
fil : = 488.37550368177
fipunto1 : = 5.7366913652033E+17
fi_gradi : = 27981.855178541
t1 : = 1.0809405701327E-14
tpunto1 : = 1.0003568860319
tduepunti0 : = -1.2241626773054E+14
v=v_elettrone : = 2716326.2164185
x0= : -6.6094060281107E-13
y0= : -4.6158953679782E-12
*****
i=33790
k(33790)=0.99999877539417
kQ(33790)=0.99999755078984
r1= : 4.6630851089214E-12
rpunto1: = 469173.05847562
rduepunti0 : = -1.0109048867254E+25
fil : = 488.37557096094
fipunto1 : = 5.7365556365574E+17
fi_gradi : = 27981.859033354
t1 : = 1.0809405818648E-14
tpunto1 : = 1.0003568717115
tduepunti0 : = -1.2210557787149E+14
v=v_elettrone : = 2716089.3642445
x0= : -6.6063787531562E-13
y0= : -4.6159945703855E-12
*****
i=33791
k(33791)=0.99999878157525
kQ(33791)=0.99999756315199
r1= : 4.6631401329246E-12
rpunto1: = 467987.50834524
rduepunti0 : = -1.0108827926867E+25
fil : = 488.37563823851
fipunto1 : = 5.7364202548312E+17
fi_gradi : = 27981.862888075
t1 : = 1.0809405935968E-14
tpunto1 : = 1.0003568574276
tduepunti0 : = -1.2179491674443E+14
v=v_elettrone : = 2715853.0940837
x0= : -6.6033512513976E-13
y0= : -4.6160936142534E-12
*****
i=33792
k(33792)=0.99999878774056
kQ(33792)=0.99999757548259
r1= : 4.6631950178881E-12
rpunto1: = 466801.98406031
rduepunti0 : = -1.0108607550541E+25
fil : = 488.3757055145
fipunto1 : = 5.7362852199803E+17
fi_gradi : = 27981.866742705
t1 : = 1.0809406053289E-14
tpunto1 : = 1.00035684318
tduepunti0 : = -1.2148428427488E+14
v=v_elettrone : = 2715617.4038302
x0= : -6.6003235229458E-13
y0= : -4.6161924995841E-12
```



```
*****
i=33793
k(33793)=0.99999879389009
kQ(33793)=0.99999758778164
r1= : 4.6632497638148E-12
rpunto1: = 465616.48555468
rduepunti0 : = -1.010838773821E+25
fil : = 488.3757727889
fipunto1 : = 5.736150531961E+17
fi_gradi : = 27981.870597244
t1 : = 1.0809406170609E-14
tpunto1 : = 1.0003568289689
tduepunti0 : = -1.2117368038838E+14
v=v_elettrone : = 2715382.2958257
x0= : -6.5972955679145E-13
y0= : -4.6162912263799E-12
*****
i=33794
k(33794)=0.99999880002386
kQ(33794)=0.99999760004916
r1= : 4.6633043707079E-12
rpunto1: = 464431.01276222
rduepunti0 : = -1.0108168489807E+25
fil : = 488.37584006173
fipunto1 : = 5.7360161907293E+17
fi_gradi : = 27981.874451693
t1 : = 1.080940628793E-14
tpunto1 : = 1.0003568147943
tduepunti0 : = -1.2086310501047E+14
v=v_elettrone : = 2715147.7679593
x0= : -6.5942673864143E-13
y0= : -4.616389794643E-12
*****
i=33795
k(33795)=0.99999880614186
kQ(33795)=0.99999761228514
r1= : 4.6633588385702E-12
rpunto1: = 463245.5656168
rduepunti0 : = -1.0107949805265E+25
fil : = 488.37590733298
fipunto1 : = 5.7358821962416E+17
fi_gradi : = 27981.878306052
t1 : = 1.0809406405251E-14
tpunto1 : = 1.000356800656
tduepunti0 : = -1.2055255806672E+14
v=v_elettrone : = 2714913.8225715
x0= : -6.5912389785588E-13
y0= : -4.6164882043755E-12
*****
i=33796
k(33796)=0.99999881224409
kQ(33796)=0.99999762448958
r1= : 4.6634131674048E-12
rpunto1: = 462060.14405229
rduepunti0 : = -1.0107731684519E+25
fil : = 488.37597460265
fipunto1 : = 5.7357485484542E+17
fi_gradi : = 27981.88216032
t1 : = 1.0809406522571E-14
tpunto1 : = 1.0003567865542
tduepunti0 : = -1.2024203948272E+14
v=v_elettrone : = 2714680.4575508
x0= : -6.5882103444587E-13
y0= : -4.6165864555797E-12
```

```
*****
i=33797
k(33797)=0.99999881833055
kQ(33797)=0.99999763666249
r1= : 4.6634673572147E-12
rpunto1: = 460874.74800258
rduepunti0 : = -1.0107514127502E+25
fil : = 488.37604187076
fipunto1 : = 5.7356152473236E+17
fi_gradi : = 27981.886014499
t1 : = 1.0809406639892E-14
tpunto1 : = 1.0003567724888
tduepunti0 : = -1.1993154918406E+14
v=v_elettrone : = 2714447.6752422
x0= : -6.5851814842274E-13
y0= : -4.6166845482578E-12
*****
i=33798
k(33798)=0.99999882440125
kQ(33798)=0.99999764880387
r1= : 4.663521408003E-12
rpunto1: = 459689.37740158
rduepunti0 : = -1.0107297134148E+25
fil : = 488.37610913731
fipunto1 : = 5.7354822928066E+17
fi_gradi : = 27981.889868588
t1 : = 1.0809406757212E-14
tpunto1 : = 1.0003567584598
tduepunti0 : = -1.1962108709638E+14
v=v_elettrone : = 2714215.4757566
x0= : -6.5821523979755E-13
y0= : -4.6167824824119E-12
*****
i=33799
k(33799)=0.99999883045618
kQ(33799)=0.99999766091373
r1= : 4.6635753197725E-12
rpunto1: = 458504.03218317
rduepunti0 : = -1.0107080704392E+25
fil : = 488.3761764023
fipunto1 : = 5.7353496848598E+17
fi_gradi : = 27981.893722588
t1 : = 1.0809406874533E-14
tpunto1 : = 1.0003567444672
tduepunti0 : = -1.1931065314531E+14
v=v_elettrone : = 2713983.8569852
x0= : -6.5791230858137E-13
y0= : -4.6168802580443E-12
*****
i=33800
k(33800)=0.99999883649535
kQ(33800)=0.99999767299206
r1= : 4.6636290925263E-12
rpunto1: = 457318.71228127
rduepunti0 : = -1.0106864838168E+25
fil : = 488.37624366573
fipunto1 : = 5.73521742344E+17
fi_gradi : = 27981.897576499
t1 : = 1.0809406991853E-14
tpunto1 : = 1.000356730511
tduepunti0 : = -1.190002472565E+14
v=v_elettrone : = 2713752.8190417
x0= : -6.5760935478551E-13
y0= : -4.6169778751571E-12
```

```
*****
i=33801
k(33801)=0.99999884251877
kQ(33801)=0.99999768503887
r1= : 4.6636827262673E-12
rpunto1: = 456133.41762979
rduepunti0 : = -1.0106649535411E+25
fil : = 488.37631092761
fipunto1 : = 5.7350855085043E+17
fi_gradi : = 27981.901430321
t1 : = 1.0809407109174E-14
tpunto1 : = 1.0003567165912
tduepunti0 : = -1.1868986935564E+14
v=v_elettrone : = 2713522.3642654
x0= : -6.573063784213E-13
y0= : -4.6170753337523E-12
*****
i=33802
k(33802)=0.99999884852642
kQ(33802)=0.99999769705416
r1= : 4.6637362209985E-12
rpunto1: = 454948.14816267
rduepunti0 : = -1.0106434796056E+25
fil : = 488.37637818794
fipunto1 : = 5.7349539400097E+17
fi_gradi : = 27981.905284054
t1 : = 1.0809407226494E-14
tpunto1 : = 1.0003567027078
tduepunti0 : = -1.1837951936841E+14
v=v_elettrone : = 2713292.4927707
x0= : -6.5700337949979E-13
y0= : -4.6171726338323E-12
*****
i=33803
k(33803)=0.99999885451831
kQ(33803)=0.99999770903794
r1= : 4.6637895767228E-12
rpunto1: = 453762.90381383
rduepunti0 : = -1.0106220620038E+25
fil : = 488.37644544673
fipunto1 : = 5.7348227179135E+17
fi_gradi : = 27981.909137699
t1 : = 1.0809407343815E-14
tpunto1 : = 1.0003566888608
tduepunti0 : = -1.1806919722052E+14
v=v_elettrone : = 2713063.2024485
x0= : -6.5670035803202E-13
y0= : -4.6172697753991E-12
*****
i=33804
k(33804)=0.99999886049445
kQ(33804)=0.9999977209902
r1= : 4.6638427934433E-12
rpunto1: = 452577.68451721
rduepunti0 : = -1.0106007007291E+25
fil : = 488.37651270398
fipunto1 : = 5.7346918421729E+17
fi_gradi : = 27981.912991255
t1 : = 1.0809407461135E-14
tpunto1 : = 1.0003566750502
tduepunti0 : = -1.177589028377E+14
v=v_elettrone : = 2712834.4934043
x0= : -6.5639731402929E-13
y0= : -4.6173667584548E-12
```

```
*****
i=33805
k(33805)=0.99999886645483
kQ(33805)=0.99999773291095
r1= : 4.6638958711628E-12
rpunto1: = 451392.49020677
rduepunti0 : = -1.0105793957752E+25
fil : = 488.3765799597
fipunto1 : = 5.7345613127455E+17
fi_gradi : = 27981.916844724
t1 : = 1.0809407578456E-14
tpunto1 : = 1.000356661276
tduepunti0 : = -1.1744863614569E+14
v=v_elettrone : = 2712606.3679827
x0= : -6.5609424750291E-13
y0= : -4.6174635830017E-12
*****
i=33806
k(33806)=0.99999887239946
kQ(33806)=0.99999774480019
r1= : 4.6639488098842E-12
rpunto1: = 450207.32081645
rduepunti0 : = -1.0105581471356E+25
fil : = 488.37664721389
fipunto1 : = 5.7344311295886E+17
fi_gradi : = 27981.920698105
t1 : = 1.0809407695776E-14
tpunto1 : = 1.0003566475381
tduepunti0 : = -1.1713839707026E+14
v=v_elettrone : = 2712378.8240742
x0= : -6.5579115846391E-13
y0= : -4.6175602490417E-12
*****
i=33807
k(33807)=0.99999887832833
kQ(33807)=0.99999775665792
r1= : 4.6640016096105E-12
rpunto1: = 449022.17628022
rduepunti0 : = -1.0105369548038E+25
fil : = 488.37671446654
fipunto1 : = 5.7343012926601E+17
fi_gradi : = 27981.924551399
t1 : = 1.0809407813097E-14
tpunto1 : = 1.0003566338367
tduepunti0 : = -1.1682818553718E+14
v=v_elettrone : = 2712151.8640083
x0= : -6.5548804692358E-13
y0= : -4.6176567565769E-12
*****
i=33808
k(33808)=0.99999888424146
kQ(33808)=0.99999776848416
r1= : 4.6640542703446E-12
rpunto1: = 447837.05653205
rduepunti0 : = -1.0105158187734E+25
fil : = 488.37678171768
fipunto1 : = 5.7341718019176E+17
fi_gradi : = 27981.928404605
t1 : = 1.0809407930417E-14
tpunto1 : = 1.0003566201716
tduepunti0 : = -1.1651800147226E+14
v=v_elettrone : = 2711925.4856779
x0= : -6.5518491289294E-13
y0= : -4.6177531056096E-12
```

```
*****
i=33809
k(33809)=0.99999889013883
kQ(33809)=0.99999778027889
r1= : 4.6641067920894E-12
rpunto1 : = 446651.96150592
rduepunti0 : = -1.0104947390381E+25
fil : = 488.3768489673
fipunto1 : = 5.734042657319E+17
fi_gradi : = 27981.932257724
t1 : = 1.0809408047738E-14
tpunto1 : = 1.0003566065429
tduepunti0 : = -1.162078448013E+14
v=v_elettrone : = 2711699.691417
x0= : -6.5488175638328E-13
y0= : -4.6178492961417E-12
*****
i=33810
k(33810)=0.99999889602045
kQ(33810)=0.99999779204213
r1= : 4.6641591748478E-12
rpunto1 : = 445466.89113582
rduepunti0 : = -1.0104737155915E+25
fil : = 488.3769162154
fipunto1 : = 5.7339138588225E+17
fi_gradi : = 27981.936110757
t1 : = 1.0809408165058E-14
tpunto1 : = 1.0003565929506
tduepunti0 : = -1.1589771545014E+14
v=v_elettrone : = 2711474.4791195
x0= : -6.545785774056E-13
y0= : -4.6179453281753E-12
*****
i=33811
k(33811)=0.99999890188633
kQ(33811)=0.99999780377387
r1= : 4.6642114186228E-12
rpunto1 : = 444281.84535573
rduepunti0 : = -1.0104527484272E+25
fil : = 488.37698346199
fipunto1 : = 5.733785406386E+17
fi_gradi : = 27981.939963703
t1 : = 1.0809408282379E-14
tpunto1 : = 1.0003565793946
tduepunti0 : = -1.1558761334463E+14
v=v_elettrone : = 2711249.8488861
x0= : -6.542753759712E-13
y0= : -4.6180412017126E-12
*****
i=33812
k(33812)=0.99999890773646
kQ(33812)=0.99999781547411
r1= : 4.6642635234171E-12
rpunto1 : = 443096.82409966
rduepunti0 : = -1.0104318375389E+25
fil : = 488.37705070708
fipunto1 : = 5.7336572999679E+17
fi_gradi : = 27981.943816562
t1 : = 1.08094083997E-14
tpunto1 : = 1.000356565875
tduepunti0 : = -1.1527753841062E+14
v=v_elettrone : = 2711025.803059
x0= : -6.5397215209133E-13
y0= : -4.6181369167555E-12
```

```
*****
i=33813
k(33813)=0.99999891357085
kQ(33813)=0.99999782714287
r1= : 4.6643154892336E-12
rpunto1: = 441911.82730161
rduepunti0 : = -1.0104109829201E+25
fil : = 488.37711795066
fipunto1 : = 5.7335295395264E+17
fi_gradi : = 27981.947669336
t1 : = 1.080940851702E-14
tpunto1 : = 1.0003565523918
tduepunti0 : = -1.1496749057401E+14
v=v_elettrone : = 2710802.3395239
x0= : -6.53668905777E-13
y0= : -4.6182324733061E-12
*****
i=33814
k(33814)=0.99999891938949
kQ(33814)=0.99999783878014
r1= : 4.6643673160753E-12
rpunto1: = 440726.8548956
rduepunti0 : = -1.0103901845648E+25
fil : = 488.37718519275
fipunto1 : = 5.7334021250201E+17
fi_gradi : = 27981.951522024
t1 : = 1.0809408634341E-14
tpunto1 : = 1.0003565389449
tduepunti0 : = -1.1465746976069E+14
v=v_elettrone : = 2710579.4606209
x0= : -6.5336563703947E-13
y0= : -4.6183278713665E-12
*****
i=33815
k(33815)=0.99999892519239
kQ(33815)=0.99999785038593
r1= : 4.6644190039449E-12
rpunto1: = 439541.90681565
rduepunti0 : = -1.0103694424665E+25
fil : = 488.37725243334
fipunto1 : = 5.7332750564075E+17
fi_gradi : = 27981.955374626
t1 : = 1.0809408751661E-14
tpunto1 : = 1.0003565255344
tduepunti0 : = -1.1434747589657E+14
v=v_elettrone : = 2710357.1642261
x0= : -6.5306234588974E-13
y0= : -4.6184231109387E-12
*****
i=33816
k(33816)=0.99999893097954
kQ(33816)=0.99999786196023
r1= : 4.6644705528454E-12
rpunto1: = 438356.98299579
rduepunti0 : = -1.0103487566189E+25
fil : = 488.37731967244
fipunto1 : = 5.7331483336474E+17
fi_gradi : = 27981.959227142
t1 : = 1.0809408868982E-14
tpunto1 : = 1.0003565121602
tduepunti0 : = -1.140375089076E+14
v=v_elettrone : = 2710135.4504592
x0= : -6.5275903233905E-13
y0= : -4.6185181920246E-12
```

```
*****
i=33817
k(33817)=0.99999893675096
kQ(33817)=0.99999787350305
r1= : 4.6645219627796E-12
rpunto1: = 437172.08337007
rduepunti0 : = -1.0103281270159E+25
fil : = 488.37738691005
fipunto1 : = 5.7330219566984E+17
fi_gradi : = 27981.963079574
t1 : = 1.0809408986302E-14
tpunto1 : = 1.0003564988224
tduepunti0 : = -1.1372756871972E+14
v=v_elettrone : = 2709914.3216481
x0= : -6.5245569639866E-13
y0= : -4.6186131146264E-12
*****
i=33818
k(33818)=0.99999894250664
kQ(33818)=0.9999978850144
r1= : 4.6645732337503E-12
rpunto1: = 435987.20787251
rduepunti0 : = -1.0103075536511E+25
fil : = 488.37745414619
fipunto1 : = 5.7328959255196E+17
fi_gradi : = 27981.96693192
t1 : = 1.0809409103623E-14
tpunto1 : = 1.0003564855209
tduepunti0 : = -1.1341765525891E+14
v=v_elettrone : = 2709693.7756818
x0= : -6.5215233807955E-13
y0= : -4.618707878746E-12
*****
i=33819
k(33819)=0.99999894824658
kQ(33819)=0.99999789649427
r1= : 4.6646243657604E-12
rpunto1: = 434802.35643719
rduepunti0 : = -1.0102870365185E+25
fil : = 488.37752138084
fipunto1 : = 5.73277024007E+17
fi_gradi : = 27981.970784182
t1 : = 1.0809409220943E-14
tpunto1 : = 1.0003564722558
tduepunti0 : = -1.1310776845113E+14
v=v_elettrone : = 2709473.8126643
x0= : -6.5184895739296E-13
y0= : -4.6188024843855E-12
*****
i=33820
k(33820)=0.99999895397079
kQ(33820)=0.99999790794267
r1= : 4.6646753588126E-12
rpunto1: = 433617.52899814
rduepunti0 : = -1.0102665756116E+25
fil : = 488.37758861402
fipunto1 : = 5.7326449003087E+17
fi_gradi : = 27981.97463636
t1 : = 1.0809409338264E-14
tpunto1 : = 1.000356459027
tduepunti0 : = -1.127979082224E+14
v=v_elettrone : = 2709254.4349427
x0= : -6.5154555435012E-13
y0= : -4.6188969315467E-12
```

```
*****
i=33821
k(33821)=0.99999895967926
kQ(33821)=0.9999979193596
r1= : 4.6647262129098E-12
rpunto1: = 432432.72548945
rduepunti0 : = -1.0102461709245E+25
fil : = 488.37765584573
fipunto1 : = 5.7325199061951E+17
fi_gradi : = 27981.978488453
t1 : = 1.0809409455584E-14
tpunto1 : = 1.0003564458345
tduepunti0 : = -1.1248807449873E+14
v=v_elettrone : = 2709035.6403865
x0= : -6.5124212896201E-13
y0= : -4.6189912202318E-12
*****
i=33822
k(33822)=0.999998965372
kQ(33822)=0.99999793074506
r1= : 4.6647769280548E-12
rpunto1: = 431247.94584518
rduepunti0 : = -1.0102258224508E+25
fil : = 488.37772307598
fipunto1 : = 5.7323952576884E+17
fi_gradi : = 27981.982340462
t1 : = 1.0809409572905E-14
tpunto1 : = 1.0003564326784
tduepunti0 : = -1.1217826720616E+14
v=v_elettrone : = 2708817.4291074
x0= : -6.5093868123985E-13
y0= : -4.6190853504426E-12
*****
i=33823
k(33823)=0.999998971049
kQ(33823)=0.99999794209906
r1= : 4.6648275042504E-12
rpunto1: = 430063.18999941
rduepunti0 : = -1.0102055301845E+25
fil : = 488.37779030476
fipunto1 : = 5.7322709547482E+17
fi_gradi : = 27981.986192388
t1 : = 1.0809409690225E-14
tpunto1 : = 1.0003564195586
tduepunti0 : = -1.1186848627073E+14
v=v_elettrone : = 2708599.803451
x0= : -6.5063521119487E-13
y0= : -4.6191793221811E-12
*****
i=33824
k(33824)=0.99999897671028
kQ(33824)=0.9999979534216
r1= : 4.6648779414994E-12
rpunto1: = 428878.45788624
rduepunti0 : = -1.0101852941194E+25
fil : = 488.37785753208
fipunto1 : = 5.7321469973341E+17
fi_gradi : = 27981.99004423
t1 : = 1.0809409807546E-14
tpunto1 : = 1.0003564064751
tduepunti0 : = -1.1155873161851E+14
v=v_elettrone : = 2708382.7612862
x0= : -6.5033171883802E-13
y0= : -4.6192731354493E-12
```



```
*****
i=33825
k(33825)=0.99999898235582
kQ(33825)=0.99999796471268
r1= : 4.6649282398045E-12
rpunto1: = 427693.74943976
rduepunti0 : = -1.0101651142494E+25
fil : = 488.37792475795
fipunto1 : = 5.7320233854058E+17
fi_gradi : = 27981.993895989
t1 : = 1.0809409924866E-14
tpunto1 : = 1.000356393428
tduepunti0 : = -1.1124900317559E+14
v=v_elettrone : = 2708166.3027258
x0= : -6.5002820418052E-13
y0= : -4.6193667902492E-12
*****
i=33826
k(33826)=0.99999898798564
kQ(33826)=0.9999979759723
r1= : 4.6649783991686E-12
rpunto1: = 426509.06459406
rduepunti0 : = -1.0101449905684E+25
fil : = 488.37799198238
fipunto1 : = 5.7319001189232E+17
fi_gradi : = 27981.997747664
t1 : = 1.0809410042187E-14
tpunto1 : = 1.0003563804172
tduepunti0 : = -1.1093930086807E+14
v=v_elettrone : = 2707950.4301083
x0= : -6.4972466723358E-13
y0= : -4.6194602865826E-12
*****
i=33827
k(33827)=0.99999899359973
kQ(33827)=0.99999798720046
r1= : 4.6650284195944E-12
rpunto1: = 425324.40328327
rduepunti0 : = -1.0101249230703E+25
fil : = 488.37805920535
fipunto1 : = 5.7317771978462E+17
fi_gradi : = 27982.001599257
t1 : = 1.0809410159507E-14
tpunto1 : = 1.0003563674427
tduepunti0 : = -1.1062962462206E+14
v=v_elettrone : = 2707735.1413075
x0= : -6.4942110800814E-13
y0= : -4.6195536244515E-12
*****
i=33828
k(33828)=0.99999899919809
kQ(33828)=0.99999799839718
r1= : 4.6650783010846E-12
rpunto1: = 424139.76544149
rduepunti0 : = -1.010104911749E+25
fil : = 488.37812642689
fipunto1 : = 5.7316546221348E+17
fi_gradi : = 27982.005450767
t1 : = 1.0809410276827E-14
tpunto1 : = 1.0003563545045
tduepunti0 : = -1.103199743637E+14
v=v_elettrone : = 2707520.4364355
x0= : -6.4911752651541E-13
y0= : -4.6196468038578E-12
```

```
*****
i=33829
k(33829)=0.99999900478073
kQ(33829)=0.99999800956244
r1= : 4.6651280436421E-12
rpunto1 : = 422955.15100285
rduepunti0 : = -1.0100849565986E+25
fil : = 488.37819364698
fipunto1 : = 5.7315323917494E+17
fi_gradi : = 27982.009302195
t1 : = 1.0809410394148E-14
tpunto1 : = 1.0003563416026
tduepunti0 : = -1.1001035001914E+14
v=v_elettrone : = 2707306.3155911
x0= : -6.4881392276659E-13
y0= : -4.6197398248034E-12
*****
i=33830
k(33830)=0.99999901034764
kQ(33830)=0.99999802069626
r1= : 4.6651776472695E-12
rpunto1 : = 421770.55990148
rduepunti0 : = -1.0100650576129E+25
fil : = 488.37826086565
fipunto1 : = 5.73141050665E+17
fi_gradi : = 27982.013153541
t1 : = 1.0809410511468E-14
tpunto1 : = 1.0003563287371
tduepunti0 : = -1.0970075151453E+14
v=v_elettrone : = 2707092.7811218
x0= : -6.4851029677287E-13
y0= : -4.6198326872903E-12
*****
i=33831
k(33831)=0.99999901589883
kQ(33831)=0.99999803179863
r1= : 4.6652271119697E-12
rpunto1 : = 420585.99207152
rduepunti0 : = -1.010045214786E+25
fil : = 488.37832808288
fipunto1 : = 5.7312889667973E+17
fi_gradi : = 27982.017004804
t1 : = 1.0809410628789E-14
tpunto1 : = 1.0003563159078
tduepunti0 : = -1.0939117877607E+14
v=v_elettrone : = 2706879.8286651
x0= : -6.4820664854519E-13
y0= : -4.6199253913202E-12
*****
i=33832
k(33832)=0.9999990214343
kQ(33832)=0.99999804286956
r1= : 4.6652764377453E-12
rpunto1 : = 419401.44744711
rduepunti0 : = -1.0100254281119E+25
fil : = 488.37839529869
fipunto1 : = 5.7311677721516E+17
fi_gradi : = 27982.020855987
t1 : = 1.0809410746109E-14
tpunto1 : = 1.0003563031149
tduepunti0 : = -1.0908163172995E+14
v=v_elettrone : = 2706667.4627909
x0= : -6.4790297809498E-13
y0= : -4.6200179368951E-12
```

```
*****
i=33833
k(33833)=0.99999902695405
kQ(33833)=0.99999805390905
r1= : 4.665325624599E-12
rpunto1 : = 418216.92596241
rduepunti0 : = -1.0100056975845E+25
fil : = 488.37846251307
fipunto1 : = 5.7310469226737E+17
fi_gradi : = 27982.024707087
t1 : = 1.080941086343E-14
tpunto1 : = 1.0003562903582
tduepunti0 : = -1.0877211030238E+14
v=v_elettrone : = 2706455.6836105
x0= : -6.4759928543317E-13
y0= : -4.6201103240169E-12
*****
i=33834
k(33834)=0.99999903245809
kQ(33834)=0.99999806491711
r1= : 4.6653746725336E-12
rpunto1 : = 417032.42755157
rduepunti0 : = -1.009986023198E+25
fil : = 488.37852972604
fipunto1 : = 5.7309264183242E+17
fi_gradi : = 27982.028558107
t1 : = 1.080941098075E-14
tpunto1 : = 1.0003562776379
tduepunti0 : = -1.084626144196E+14
v=v_elettrone : = 2706244.4867608
x0= : -6.4729557057068E-13
y0= : -4.6202025526875E-12
*****
i=33835
k(33835)=0.9999990379464
kQ(33835)=0.99999807589373
r1= : 4.6654235815518E-12
rpunto1 : = 415847.95214876
rduepunti0 : = -1.0099664049463E+25
fil : = 488.3785969376
fipunto1 : = 5.7308062590641E+17
fi_gradi : = 27982.032409045
t1 : = 1.0809411098071E-14
tpunto1 : = 1.0003562649538
tduepunti0 : = -1.0815314400784E+14
v=v_elettrone : = 2706033.8768067
x0= : -6.4699183351894E-13
y0= : -4.6202946229086E-12
*****
i=33836
k(33836)=0.999999043419
kQ(33836)=0.99999808683891
r1= : 4.6654723516563E-12
rpunto1 : = 414663.49968815
rduepunti0 : = -1.0099468428236E+25
fil : = 488.37866414775
fipunto1 : = 5.7306864448544E+17
fi_gradi : = 27982.036259903
t1 : = 1.0809411215391E-14
tpunto1 : = 1.000356252306
tduepunti0 : = -1.0784369899339E+14
v=v_elettrone : = 2705823.8516367
x0= : -6.4668807428886E-13
y0= : -4.6203865346822E-12
```

```
*****
i=33837
k(33837)=0.99999904887588
kQ(33837)=0.99999809775267
r1= : 4.6655209828497E-12
rpunto1 : = 413479.07010393
rduepunti0 : = -1.009927336824E+25
fil : = 488.37873135649
fipunto1 : = 5.730566975656E+17
fi_gradi : = 27982.04011068
t1 : = 1.0809411332712E-14
tpunto1 : = 1.0003562396946
tduepunti0 : = -1.075342793025E+14
v=v_elettrone : = 2705614.4113402
x0= : -6.4638429289161E-13
y0= : -4.62047828801E-12
*****
i=33838
k(33838)=0.99999905431705
kQ(33838)=0.999998108635
r1= : 4.6655694751347E-12
rpunto1 : = 412294.66333027
rduepunti0 : = -1.0099078869415E+25
fil : = 488.37879856383
fipunto1 : = 5.7304478514303E+17
fi_gradi : = 27982.043961377
t1 : = 1.0809411450032E-14
tpunto1 : = 1.0003562271194
tduepunti0 : = -1.0722488486147E+14
v=v_elettrone : = 2705405.5560239
x0= : -6.4608048933835E-13
y0= : -4.620569882894E-12
*****
i=33839
k(33839)=0.99999905974251
kQ(33839)=0.99999811948591
r1= : 4.6656178285141E-12
rpunto1 : = 411110.27930137
rduepunti0 : = -1.0098884931702E+25
fil : = 488.37886576977
fipunto1 : = 5.7303290721385E+17
fi_gradi : = 27982.047811994
t1 : = 1.0809411567353E-14
tpunto1 : = 1.0003562145805
tduepunti0 : = -1.0691551559662E+14
v=v_elettrone : = 2705197.2858013
x0= : -6.4577666364024E-13
y0= : -4.6206613193359E-12
*****
i=33840
k(33840)=0.99999906515226
kQ(33840)=0.99999813030539
r1= : 4.6656660429905E-12
rpunto1 : = 409925.91795143
rduepunti0 : = -1.0098691555044E+25
fil : = 488.37893297432
fipunto1 : = 5.7302106377421E+17
fi_gradi : = 27982.051662531
t1 : = 1.0809411684673E-14
tpunto1 : = 1.0003562020778
tduepunti0 : = -1.0660617143428E+14
v=v_elettrone : = 2704989.603004
x0= : -6.4547281580843E-13
y0= : -4.6207525973375E-12
```

```
*****
i=33841
k(33841)=0.99999907054629
kQ(33841)=0.99999814109345
r1= : 4.6657141185665E-12
rpunto1 : = 408741.57921467
rduepunti0 : = -1.0098498739382E+25
fil : = 488.37900017748
fipunto1 : = 5.7300925482027E+17
fi_gradi : = 27982.055512989
t1 : = 1.0809411801994E-14
tpunto1 : = 1.0003561896115
tduepunti0 : = -1.0629685230077E+14
v=v_elettrone : = 2704782.5055022
x0= : -6.4516894585382E-13
y0= : -4.6208437169007E-12
*****
i=33842
k(33842)=0.99999907592462
kQ(33842)=0.99999815185009
r1= : 4.6657620552448E-12
rpunto1 : = 407557.26302528
rduepunti0 : = -1.0098306484657E+25
fil : = 488.37906737926
fipunto1 : = 5.7299748034818E+17
fi_gradi : = 27982.059363367
t1 : = 1.0809411919314E-14
tpunto1 : = 1.0003561771814
tduepunti0 : = -1.0598755812246E+14
v=v_elettrone : = 2704575.993399
x0= : -6.4486505378754E-13
y0= : -4.6209346780272E-12
*****
i=33843
k(33843)=0.99999908128724
kQ(33843)=0.99999816257532
r1= : 4.6658098530281E-12
rpunto1 : = 406372.9693175
rduepunti0 : = -1.0098114790811E+25
fil : = 488.37913457966
fipunto1 : = 5.7298574035413E+17
fi_gradi : = 27982.063213666
t1 : = 1.0809412036635E-14
tpunto1 : = 1.0003561647876
tduepunti0 : = -1.0567828882572E+14
v=v_elettrone : = 2704370.0668001
x0= : -6.4456113962074E-13
y0= : -4.6210254807189E-12
*****
i=33844
k(33844)=0.99999908663415
kQ(33844)=0.99999817326913
r1= : 4.6658575119189E-12
rpunto1 : = 405188.69802556
rduepunti0 : = -1.0097923657787E+25
fil : = 488.37920177868
fipunto1 : = 5.7297403483431E+17
fi_gradi : = 27982.067063886
t1 : = 1.0809412153955E-14
tpunto1 : = 1.00035615243
tduepunti0 : = -1.0536904433694E+14
v=v_elettrone : = 2704164.7258052
x0= : -6.4425720336456E-13
y0= : -4.6211161249775E-12
```

```
*****
i=33845
k(33845)=0.99999909196536
kQ(33845)=0.99999818393154
r1= : 4.66590503192E-12
rpunto1: = 404004.44908367
rduepunti0 : = -1.0097733085527E+25
fil : = 488.37926897632
fipunto1 : = 5.7296236378492E+17
fi_gradi : = 27982.070914028
t1 : = 1.0809412271276E-14
tpunto1 : = 1.0003561401087
tduepunti0 : = -1.0505982458253E+14
v=v_elettrone : = 2703959.9705243
x0= : -6.4395324503014E-13
y0= : -4.6212066108048E-12
*****
i=33846
k(33846)=0.99999909728086
kQ(33846)=0.99999819456253
r1= : 4.6659524130339E-12
rpunto1: = 402820.2224261
rduepunti0 : = -1.0097543073973E+25
fil : = 488.3793361726
fipunto1 : = 5.7295072720217E+17
fi_gradi : = 27982.074764091
t1 : = 1.0809412388596E-14
tpunto1 : = 1.0003561278237
tduepunti0 : = -1.0475062948889E+14
v=v_elettrone : = 2703755.8032834
x0= : -6.436492646286E-13
y0= : -4.6212969382025E-12
*****
i=33847
k(33847)=0.99999910258066
kQ(33847)=0.99999820516212
r1= : 4.6659996552632E-12
rpunto1: = 401636.01798707
rduepunti0 : = -1.0097353623068E+25
fil : = 488.37940336751
fipunto1 : = 5.7293912508228E+17
fi_gradi : = 27982.078614076
t1 : = 1.0809412505916E-14
tpunto1 : = 1.000356115575
tduepunti0 : = -1.0444145898248E+14
v=v_elettrone : = 2703552.2197254
x0= : -6.4334526217081E-13
y0= : -4.6213871071724E-12
*****
i=33848
k(33848)=0.99999910786476
kQ(33848)=0.99999821573031
r1= : 4.6660467586106E-12
rpunto1: = 400451.83570086
rduepunti0 : = -1.0097164732755E+25
fil : = 488.37947056106
fipunto1 : = 5.7292755742148E+17
fi_gradi : = 27982.082463983
t1 : = 1.0809412623237E-14
tpunto1 : = 1.0003561033625
tduepunti0 : = -1.0413231298973E+14
v=v_elettrone : = 2703349.2244179
x0= : -6.4304123766816E-13
y0= : -4.6214771177162E-12
```

```
*****
i=33849
k(33849)=0.99999911313315
kQ(33849)=0.99999822626709
r1= : 4.6660937230786E-12
rpunto1: = 399267.67550172
rduepunti0 : = -1.0096976402977E+25
fil : = 488.37953775326
fipunto1 : = 5.7291602421603E+17
fi_gradi : = 27982.086313812
t1 : = 1.0809412740557E-14
tpunto1 : = 1.0003560911862
tduepunti0 : = -1.0382319143711E+14
v=v_elettrone : = 2703146.8152276
x0= : -6.4273719113149E-13
y0= : -4.6215669698358E-12
*****
i=33850
k(33850)=0.99999911838585
kQ(33850)=0.99999823677248
r1= : 4.6661405486699E-12
rpunto1: = 398083.53732392
rduepunti0 : = -1.0096788633676E+25
fil : = 488.3796049441
fipunto1 : = 5.7290452546218E+17
fi_gradi : = 27982.090163564
t1 : = 1.0809412857878E-14
tpunto1 : = 1.0003560790462
tduepunti0 : = -1.0351409425111E+14
v=v_elettrone : = 2702944.9900203
x0= : -6.4243312257193E-13
y0= : -4.6216566635327E-12
*****
i=33851
k(33851)=0.99999912362285
kQ(33851)=0.99999824724646
r1= : 4.666187235387E-12
rpunto1: = 396899.42110172
rduepunti0 : = -1.0096601424797E+25
fil : = 488.3796721336
fipunto1 : = 5.728930611562E+17
fi_gradi : = 27982.094013238
t1 : = 1.0809412975198E-14
tpunto1 : = 1.0003560669425
tduepunti0 : = -1.0320502135822E+14
v=v_elettrone : = 2702743.7533688
x0= : -6.4212903200085E-13
y0= : -4.6217461988088E-12
*****
i=33852
k(33852)=0.99999912884415
kQ(33852)=0.99999825768906
r1= : 4.6662337832325E-12
rpunto1: = 395715.32676943
rduepunti0 : = -1.0096414776282E+25
fil : = 488.37973932175
fipunto1 : = 5.7288163129436E+17
fi_gradi : = 27982.097862835
t1 : = 1.0809413092519E-14
tpunto1 : = 1.000356054875
tduepunti0 : = -1.0289597268495E+14
v=v_elettrone : = 2702543.1031398
x0= : -6.418249194291E-13
y0= : -4.6218355756656E-12
```

```
*****
i=33853
k(33853)=0.99999913404975
kQ(33853)=0.99999826810026
r1= : 4.666280192209E-12
rpunto1 : = 394531.25426131
rduepunti0 : = -1.0096228688075E+25
fil : = 488.37980650855
fipunto1 : = 5.7287023587297E+17
fi_gradi : = 27982.101712356
t1 : = 1.0809413209839E-14
tpunto1 : = 1.0003560428437
tduepunti0 : = -1.0258694815783E+14
v=v_elettrone : = 2702343.0394302
x0= : -6.4152078486778E-13
y0= : -4.621924794105E-12
*****
i=33854
k(33854)=0.99999913923966
kQ(33854)=0.99999827848007
r1= : 4.6663264623189E-12
rpunto1 : = 393347.20351167
rduepunti0 : = -1.0096043160121E+25
fil : = 488.37987369403
fipunto1 : = 5.7285887488832E+17
fi_gradi : = 27982.1055618
t1 : = 1.080941332716E-14
tpunto1 : = 1.0003560308487
tduepunti0 : = -1.022779477034E+14
v=v_elettrone : = 2702143.5623493
x0= : -6.4121662832798E-13
y0= : -4.6220138541287E-12
*****
i=33855
k(33855)=0.99999914441388
kQ(33855)=0.99999828882849
r1= : 4.666372593565E-12
rpunto1 : = 392163.17445481
rduepunti0 : = -1.0095858192362E+25
fil : = 488.37994087817
fipunto1 : = 5.7284754833673E+17
fi_gradi : = 27982.109411168
t1 : = 1.080941344448E-14
tpunto1 : = 1.0003560188899
tduepunti0 : = -1.0196897124821E+14
v=v_elettrone : = 2701944.6742216
x0= : -6.409124498208E-13
y0= : -4.6221027557382E-12
*****
i=33856
k(33856)=0.9999991495724
kQ(33856)=0.99999829914553
r1= : 4.6664185859497E-12
rpunto1 : = 390979.16702503
rduepunti0 : = -1.0095673784744E+25
fil : = 488.38000806098
fipunto1 : = 5.7283625621452E+17
fi_gradi : = 27982.113260459
t1 : = 1.0809413561801E-14
tpunto1 : = 1.0003560069673
tduepunti0 : = -1.0166001871884E+14
v=v_elettrone : = 2701746.3706831
x0= : -6.4060824935708E-13
y0= : -4.6221914989353E-12
```



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*****
i=33857
k(33857)=0.99999915471524
kQ(33857)=0.99999830943119
r1= : 4.6664644394755E-12
rpunto1: = 389795.18115665
rduepunti0 : = -1.0095489937211E+25
fil : = 488.38007524247
fipunto1 : = 5.7282499851803E+17
fi_gradi : = 27982.117109675
t1 : = 1.0809413679121E-14
tpunto1 : = 1.000355995081
tduepunti0 : = -1.0135109004188E+14
v=v_elettrone : = 2701548.6540643
x0= : -6.4030402694816E-13
y0= : -4.6222800837217E-12
*****
i=33858
k(33858)=0.99999915984238
kQ(33858)=0.99999831968546
r1= : 4.666510154145E-12
rpunto1: = 388611.21678399
rduepunti0 : = -1.0095306649706E+25
fil : = 488.38014242263
fipunto1 : = 5.7281377524361E+17
fi_gradi : = 27982.120958815
t1 : = 1.0809413796441E-14
tpunto1 : = 1.0003559832309
tduepunti0 : = -1.0104218514393E+14
v=v_elettrone : = 2701351.5244696
x0= : -6.3999978260513E-13
y0= : -4.622368510099E-12
*****
i=33859
k(33859)=0.99999916495383
kQ(33859)=0.99999832990836
r1= : 4.6665557299607E-12
rpunto1: = 387427.27384138
rduepunti0 : = -1.0095123922176E+25
fil : = 488.38020960149
fipunto1 : = 5.7280258638761E+17
fi_gradi : = 27982.12480788
t1 : = 1.0809413913762E-14
tpunto1 : = 1.000355971417
tduepunti0 : = -1.007333039516E+14
v=v_elettrone : = 2701154.9842349
x0= : -6.3969551633906E-13
y0= : -4.6224567780688E-12
*****
i=33860
k(33860)=0.9999991700496
kQ(33860)=0.99999834009988
r1= : 4.6666011669252E-12
rpunto1: = 386243.35226314
rduepunti0 : = -1.0094941754564E+25
fil : = 488.38027677902
fipunto1 : = 5.7279143194641E+17
fi_gradi : = 27982.128656869
t1 : = 1.0809414031082E-14
tpunto1 : = 1.0003559596394
tduepunti0 : = -1.0042444639152E+14
v=v_elettrone : = 2700959.0289757
x0= : -6.3939122816078E-13
y0= : -4.6225448876328E-12
```

```
*****
i=33861
k(33861)=0.99999917512967
kQ(33861)=0.99999835026003
r1= : 4.6666464650408E-12
rpunto1 : = 385059.45198363
rduepunti0 : = -1.0094760146816E+25
fil : = 488.38034395526
fipunto1 : = 5.7278031191639E+17
fi_gradi : = 27982.132505784
t1 : = 1.0809414148403E-14
tpunto1 : = 1.000355947898
tduepunti0 : = -1.0011561239035E+14
v=v_elettrone : = 2700763.6610434
x0= : -6.3908691808161E-13
y0= : -4.6226328387927E-12
*****
i=33862
k(33862)=0.99999918019406
kQ(33862)=0.9999983603888
r1= : 4.6666916243102E-12
rpunto1 : = 383875.57293718
rduepunti0 : = -1.0094579098877E+25
fil : = 488.38041113018
fipunto1 : = 5.7276922629394E+17
fi_gradi : = 27982.136354623
t1 : = 1.0809414265723E-14
tpunto1 : = 1.0003559361928
tduepunti0 : = -99806801874739
v=v_elettrone : = 2700568.8805209
x0= : -6.3878258611262E-13
y0= : -4.6227206315499E-12
*****
i=33863
k(33863)=0.99999918524277
kQ(33863)=0.9999983704862
r1= : 4.6667366447358E-12
rpunto1 : = 382691.71505815
rduepunti0 : = -1.0094398610692E+25
fil : = 488.38047830381
fipunto1 : = 5.7275817507547E+17
fi_gradi : = 27982.140203389
t1 : = 1.0809414383044E-14
tpunto1 : = 1.0003559245238
tduepunti0 : = -99498014771367
v=v_elettrone : = 2700374.689752
x0= : -6.3847823226489E-13
y0= : -4.6228082659062E-12
*****
i=33864
k(33864)=0.99999919027579
kQ(33864)=0.99999838055224
r1= : 4.6667815263201E-12
rpunto1 : = 381507.87828089
rduepunti0 : = -1.0094218682207E+25
fil : = 488.38054547614
fipunto1 : = 5.7274715825739E+17
fi_gradi : = 27982.14405208
t1 : = 1.0809414500364E-14
tpunto1 : = 1.000355912891
tduepunti0 : = -99189251006924
v=v_elettrone : = 2700181.0843601
x0= : -6.3817385654921E-13
y0= : -4.6228957418632E-12
```

```
*****
i=33865
k(33865)=0.99999919529313
kQ(33865)=0.99999839058691
r1= : 4.6668262690656E-12
rpunto1: = 380324.06253978
rduepunti0 : = -1.0094039313367E+25
fil : = 488.38061264718
fipunto1 : = 5.7273617583614E+17
fi_gradi : = 27982.147900697
t1 : = 1.0809414617685E-14
tpunto1 : = 1.0003559012944
tduepunti0 : = -98880510508116
v=v_elettrone : = 2699988.0666786
x0= : -6.3786945897689E-13
y0= : -4.6229830594225E-12
*****
i=33866
k(33866)=0.99999920029479
kQ(33866)=0.99999840059022
r1= : 4.6668708729746E-12
rpunto1: = 379140.26776919
rduepunti0 : = -1.0093860504119E+25
fil : = 488.38067981693
fipunto1 : = 5.7272522780814E+17
fi_gradi : = 27982.15174924
t1 : = 1.0809414735005E-14
tpunto1 : = 1.000355889734
tduepunti0 : = -98571793201661
v=v_elettrone : = 2699795.6368013
x0= : -6.37565039559E-13
y0= : -4.6230702185855E-12
*****
i=33867
k(33867)=0.99999920528077
kQ(33867)=0.99999841056217
r1= : 4.6669153380498E-12
rpunto1: = 377956.49390348
rduepunti0 : = -1.0093682254409E+25
fil : = 488.38074698539
fipunto1 : = 5.7271431416986E+17
fi_gradi : = 27982.15559771
t1 : = 1.0809414852325E-14
tpunto1 : = 1.0003558782099
tduepunti0 : = -98263099014295
v=v_elettrone : = 2699603.7948298
x0= : -6.3726059830658E-13
y0= : -4.623157219354E-12
*****
i=33868
k(33868)=0.99999921025107
kQ(33868)=0.99999842050276
r1= : 4.6669596642936E-12
rpunto1: = 376772.74087706
rduepunti0 : = -1.0093504564182E+25
fil : = 488.38081415258
fipunto1 : = 5.7270343491774E+17
fi_gradi : = 27982.159446106
t1 : = 1.0809414969646E-14
tpunto1 : = 1.0003558667219
tduepunti0 : = -97954427872765
v=v_elettrone : = 2699412.5430991
x0= : -6.3695613523068E-13
y0= : -4.6232440617295E-12
```

```
*****
i=33869
k(33869)=0.99999921520569
kQ(33869)=0.999998430412
r1= : 4.6670038517083E-12
rpunto1: = 375589.0086243
rduepunti0 : = -1.0093327433385E+25
fil : = 488.38088131849
fipunto1 : = 5.7269259004827E+17
fi_gradi : = 27982.163294429
t1 : = 1.0809415086966E-14
tpunto1 : = 1.0003558552701
tduepunti0 : = -97645779703836
v=v_elettrone : = 2699221.877226
x0= : -6.3665165034208E-13
y0= : -4.6233307457135E-12
*****
i=33870
k(33870)=0.99999922014464
kQ(33870)=0.99999844028988
r1= : 4.6670479002965E-12
rpunto1: = 374405.29707961
rduepunti0 : = -1.0093150861965E+25
fil : = 488.38094848313
fipunto1 : = 5.7268177955792E+17
fi_gradi : = 27982.167142679
t1 : = 1.0809415204287E-14
tpunto1 : = 1.0003558438546
tduepunti0 : = -97337154434284
v=v_elettrone : = 2699031.7995489
x0= : -6.3634714365207E-13
y0= : -4.6234172713077E-12
*****
i=33871
k(33871)=0.9999992250679
kQ(33871)=0.99999845013641
r1= : 4.6670918100605E-12
rpunto1: = 373221.60617739
rduepunti0 : = -1.0092974849868E+25
fil : = 488.3810156465
fipunto1 : = 5.726710034432E+17
fi_gradi : = 27982.170990857
t1 : = 1.0809415321607E-14
tpunto1 : = 1.0003558324752
tduepunti0 : = -97028551990901
v=v_elettrone : = 2698842.310157
x0= : -6.3604261517171E-13
y0= : -4.6235036385135E-12
*****
i=33872
k(33872)=0.9999992299755
kQ(33872)=0.99999845995159
r1= : 4.6671355810028E-12
rpunto1: = 372037.93585205
rduepunti0 : = -1.0092799397042E+25
fil : = 488.38108280861
fipunto1 : = 5.726602617006E+17
fi_gradi : = 27982.174838962
t1 : = 1.0809415438928E-14
tpunto1 : = 1.000355821132
tduepunti0 : = -96719972300494
v=v_elettrone : = 2698653.4069127
x0= : -6.3573806491201E-13
y0= : -4.6235898473324E-12
```

```
*****
i=33873
k(33873)=0.99999923486742
kQ(33873)=0.99999846973542
r1= : 4.6671792131258E-12
rpunto1: = 370854.286038
rduerpunti0 : = -1.0092624503433E+25
fil : = 488.38114996945
fipunto1 : = 5.7264955432665E+17
fi_gradi : = 27982.178686995
t1 : = 1.0809415556248E-14
tpunto1 : = 1.000355809825
tduerpunti0 : = -96411415289883
v=v_elettrone : = 2698465.0943893
x0= : -6.3543349288426E-13
y0= : -4.6236758977661E-12
*****
i=33874
k(33874)=0.99999923974366
kQ(33874)=0.99999847948791
r1= : 4.6672227064319E-12
rpunto1: = 369670.65666966
rduerpunti0 : = -1.0092450168988E+25
fil : = 488.38121712905
fipunto1 : = 5.7263888131788E+17
fi_gradi : = 27982.182534957
t1 : = 1.0809415673568E-14
tpunto1 : = 1.0003557985542
tduerpunti0 : = -96102880885902
v=v_elettrone : = 2698277.3704427
x0= : -6.3512889909924E-13
y0= : -4.623761789816E-12
*****
i=33875
k(33875)=0.99999924460424
kQ(33875)=0.99999848920905
r1= : 4.6672660609234E-12
rpunto1: = 368487.04768147
rduerpunti0 : = -1.0092276393656E+25
fil : = 488.38128428739
fipunto1 : = 5.7262824267082E+17
fi_gradi : = 27982.186382846
t1 : = 1.0809415790889E-14
tpunto1 : = 1.0003557873195
tduerpunti0 : = -95794369015400
v=v_elettrone : = 2698090.2329242
x0= : -6.3482428356795E-13
y0= : -4.6238475234836E-12
*****
i=33876
k(33876)=0.99999924944914
kQ(33876)=0.99999849889885
r1= : 4.6673092766029E-12
rpunto1: = 367303.45900786
rduerpunti0 : = -1.0092103177384E+25
fil : = 488.38135144448
fipunto1 : = 5.7261763838203E+17
fi_gradi : = 27982.190230664
t1 : = 1.0809415908209E-14
tpunto1 : = 1.0003557761211
tduerpunti0 : = -95485879605241
v=v_elettrone : = 2697903.6864162
x0= : -6.3451964630168E-13
y0= : -4.6239330987705E-12
```

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*****
i=33877
k(33877)=0.99999925427838
kQ(33877)=0.99999850855731
r1= : 4.6673523534726E-12
rpunto1: = 366119.89058326
rduepunti0 : = -1.0091930520119E+25
fil : = 488.38141860033
fipunto1 : = 5.7260706844807E+17
fi_gradi : = 27982.194078411
t1 : = 1.080941602553E-14
tpunto1 : = 1.0003557649588
tduepunti0 : = -95177412582300
v=v_elettrone : = 2697717.7265197
x0= : -6.3421498731117E-13
y0= : -4.624018515678E-12
*****
i=33878
k(33878)=0.99999925909195
kQ(33878)=0.99999851818444
r1= : 4.667395291535E-12
rpunto1: = 364936.34234214
rduepunti0 : = -1.0091758421809E+25
fil : = 488.38148575493
fipunto1 : = 5.7259653286551E+17
fi_gradi : = 27982.197926086
t1 : = 1.080941614285E-14
tpunto1 : = 1.0003557538327
tduepunti0 : = -94868967873469
v=v_elettrone : = 2697532.3555816
x0= : -6.3391030660771E-13
y0= : -4.6241037742078E-12
*****
i=33879
k(33879)=0.99999926388984
kQ(33879)=0.99999852778023
r1= : 4.6674380907924E-12
rpunto1: = 363752.81421892
rduepunti0 : = -1.0091586882403E+25
fil : = 488.38155290831
fipunto1 : = 5.7258603163095E+17
fi_gradi : = 27982.201773691
t1 : = 1.080941626017E-14
tpunto1 : = 1.0003557427427
tduepunti0 : = -94560545405653
v=v_elettrone : = 2697347.5759303
x0= : -6.3360560420229E-13
y0= : -4.6241888743613E-12
*****
i=33880
k(33880)=0.99999926867208
kQ(33880)=0.99999853734469
r1= : 4.6674807512471E-12
rpunto1: = 362569.30614809
rduepunti0 : = -1.0091415901849E+25
fil : = 488.38162006045
fipunto1 : = 5.7257556474097E+17
fi_gradi : = 27982.205621225
t1 : = 1.0809416377491E-14
tpunto1 : = 1.000355731689
tduepunti0 : = -94252145105770
v=v_elettrone : = 2697163.3809396
x0= : -6.3330088010565E-13
y0= : -4.6242738161399E-12
```

```
*****
i=33881
k(33881)=0.99999927343865
kQ(33881)=0.99999854687782
r1= : 4.6675232729016E-12
rpunto1 : = 361385.81806409
rduepunti0 : = -1.0091245480095E+25
fil : = 488.38168721136
fipunto1 : = 5.7256513219218E+17
fi_gradi : = 27982.209468689
t1 : = 1.0809416494811E-14
tpunto1 : = 1.0003557206714
tduepunti0 : = -93943766900754
v=v_elettrone : = 2696979.7774207
x0= : -6.3299613432933E-13
y0= : -4.6243585995451E-12
*****
i=33882
k(33882)=0.99999927818955
kQ(33882)=0.99999855637962
r1= : 4.6675656557581E-12
rpunto1 : = 360202.34990141
rduepunti0 : = -1.0091075617089E+25
fil : = 488.38175436105
fipunto1 : = 5.7255473398121E+17
fi_gradi : = 27982.213316083
t1 : = 1.0809416612132E-14
tpunto1 : = 1.0003557096899
tduepunti0 : = -93635410717550
v=v_elettrone : = 2696796.7632298
x0= : -6.3269136688404E-13
y0= : -4.6244432245783E-12
*****
i=33883
k(33883)=0.99999928292479
kQ(33883)=0.99999856585009
r1= : 4.6676078998191E-12
rpunto1 : = 359018.90159451
rduepunti0 : = -1.0090906312782E+25
fil : = 488.38182150953
fipunto1 : = 5.7254437010469E+17
fi_gradi : = 27982.217163407
t1 : = 1.0809416729452E-14
tpunto1 : = 1.0003556987446
tduepunti0 : = -93327076483119
v=v_elettrone : = 2696614.3384625
x0= : -6.3238657778078E-13
y0= : -4.6245276912411E-12
*****
i=33884
k(33884)=0.99999928764437
kQ(33884)=0.99999857528924
r1= : 4.6676500050867E-12
rpunto1 : = 357835.47307789
rduepunti0 : = -1.0090737567121E+25
fil : = 488.38188865678
fipunto1 : = 5.7253404055924E+17
fi_gradi : = 27982.221010662
t1 : = 1.0809416846773E-14
tpunto1 : = 1.0003556878355
tduepunti0 : = -93018764124435
v=v_elettrone : = 2696432.5009626
x0= : -6.3208176703053E-13
y0= : -4.6246119995348E-12
```

```
*****
i=33885
k(33885)=0.99999929234829
kQ(33885)=0.99999858469707
r1= : 4.6676919715634E-12
rpunto1 : = 356652.06428602
rduepunti0 : = -1.0090569380056E+25
fil : = 488.38195580282
fipunto1 : = 5.7252374534154E+17
fi_gradi : = 27982.224857847
t1 : = 1.0809416964093E-14
tpunto1 : = 1.0003556769626
tduepunti0 : = -92710473568486
v=v_elettrone : = 2696251.2530632
x0= : -6.3177693464456E-13
y0= : -4.6246961494608E-12
*****
i=33886
k(33886)=0.99999929703654
kQ(33886)=0.99999859407358
r1= : 4.6677337992515E-12
rpunto1 : = 355468.67515341
rduepunti0 : = -1.0090401751536E+25
fil : = 488.38202294766
fipunto1 : = 5.7251348444824E+17
fi_gradi : = 27982.228704962
t1 : = 1.0809417081413E-14
tpunto1 : = 1.0003556661257
tduepunti0 : = -92402204742272
v=v_elettrone : = 2696070.5948669
x0= : -6.3147208063382E-13
y0= : -4.6247801410205E-12
*****
i=33887
k(33887)=0.99999930170914
kQ(33887)=0.99999860341877
r1= : 4.6677754881532E-12
rpunto1 : = 354285.30561455
rduepunti0 : = -1.009023468151E+25
fil : = 488.3820900913
fipunto1 : = 5.7250325787603E+17
fi_gradi : = 27982.232552009
t1 : = 1.0809417198734E-14
tpunto1 : = 1.0003556553251
tduepunti0 : = -92093957572810
v=v_elettrone : = 2695890.5264539
x0= : -6.3116720500931E-13
y0= : -4.6248639742154E-12
*****
i=33888
k(33888)=0.99999930636608
kQ(33888)=0.99999861273264
r1= : 4.667817038271E-12
rpunto1 : = 353101.95560396
rduepunti0 : = -1.0090068169929E+25
fil : = 488.38215723373
fipunto1 : = 5.7249306562157E+17
fi_gradi : = 27982.236398987
t1 : = 1.0809417316054E-14
tpunto1 : = 1.0003556445606
tduepunti0 : = -91785731987127
v=v_elettrone : = 2695711.0479191
x0= : -6.3086230778199E-13
y0= : -4.6249476490469E-12
```



```
*****
i=33889
k(33889)=0.99999931100737
kQ(33889)=0.99999862201521
r1= : 4.6678584496069E-12
rpunto1 : = 351918.62505613
rduepunti0 : = -1.0089902216741E+25
fil : = 488.38222437497
fipunto1 : = 5.7248290768158E+17
fi_gradi : = 27982.240245897
t1 : = 1.0809417433375E-14
tpunto1 : = 1.0003556338322
tduepunti0 : = -91477527912265
v=v_elettrone : = 2695532.1571146
x0= : -6.3055738896284E-13
y0= : -4.6250311655163E-12
*****
i=33890
k(33890)=0.99999931563299
kQ(33890)=0.99999863126645
r1= : 4.6678997221634E-12
rpunto1 : = 350735.3139056
rduepunti0 : = -1.0089736821898E+25
fil : = 488.38229151502
fipunto1 : = 5.7247278405277E+17
fi_gradi : = 27982.244092738
t1 : = 1.0809417550695E-14
tpunto1 : = 1.00035562314
tduepunti0 : = -91169345275280
v=v_elettrone : = 2695353.8563694
x0= : -6.3025244856307E-13
y0= : -4.625114523625E-12
*****
i=33891
k(33891)=0.99999932024297
kQ(33891)=0.99999864048639
r1= : 4.6679408559427E-12
rpunto1 : = 349552.02208688
rduepunti0 : = -1.0089571985348E+25
fil : = 488.38235865388
fipunto1 : = 5.7246269473184E+17
fi_gradi : = 27982.247939512
t1 : = 1.0809417668015E-14
tpunto1 : = 1.0003556124839
tduepunti0 : = -90861184003241
v=v_elettrone : = 2695176.1457753
x0= : -6.2994748659366E-13
y0= : -4.6251977233744E-12
*****
i=33892
k(33892)=0.99999932483728
kQ(33892)=0.99999864967502
r1= : 4.6679818509471E-12
rpunto1 : = 348368.74953451
rduepunti0 : = -1.0089407707043E+25
fil : = 488.38242579155
fipunto1 : = 5.7245263971555E+17
fi_gradi : = 27982.251786217
t1 : = 1.0809417785336E-14
tpunto1 : = 1.000355601864
tduepunti0 : = -90553044023229
v=v_elettrone : = 2694999.0254228
x0= : -6.2964250306557E-13
y0= : -4.6252807647658E-12
```

```
*****
i=33893
k(33893)=0.99999932941595
kQ(33893)=0.99999865883235
r1= : 4.6680227071789E-12
rpunto1 : = 347185.49618302
rduepunti0 : = -1.0089243986933E+25
fil : = 488.38249292805
fipunto1 : = 5.7244261900062E+17
fi_gradi : = 27982.255632855
t1 : = 1.0809417902656E-14
tpunto1 : = 1.0003555912802
tduepunti0 : = -90244925262341
v=v_elettrone : = 2694822.4954014
x0= : -6.2933749798974E-13
y0= : -4.6253636478007E-12
*****
i=33894
k(33894)=0.99999933397896
kQ(33894)=0.99999866795837
r1= : 4.6680634246402E-12
rpunto1 : = 346002.26196695
rduepunti0 : = -1.0089080824969E+25
fil : = 488.38256006337
fipunto1 : = 5.7243263258381E+17
fi_gradi : = 27982.259479426
t1 : = 1.0809418019977E-14
tpunto1 : = 1.0003555807325
tduepunti0 : = -89936827647685
v=v_elettrone : = 2694646.5535584
x0= : -6.2903247137713E-13
y0= : -4.6254463724803E-12
*****
i=33895
k(33895)=0.99999933852633
kQ(33895)=0.99999867705309
r1= : 4.6681040033334E-12
rpunto1 : = 344819.04682085
rduepunti0 : = -1.0088918221101E+25
fil : = 488.38262719752
fipunto1 : = 5.7242268046189E+17
fi_gradi : = 27982.263325929
t1 : = 1.0809418137297E-14
tpunto1 : = 1.0003555702209
tduepunti0 : = -89628751106384
v=v_elettrone : = 2694471.2022246
x0= : -6.2872742323895E-13
y0= : -4.6255289388059E-12
*****
i=33896
k(33896)=0.99999934305804
kQ(33896)=0.99999868611651
r1= : 4.6681444432606E-12
rpunto1 : = 343635.85067927
rduepunti0 : = -1.008875617528E+25
fil : = 488.38269433051
fipunto1 : = 5.7241276263164E+17
fi_gradi : = 27982.267172366
t1 : = 1.0809418254617E-14
tpunto1 : = 1.0003555597455
tduepunti0 : = -89320695565571
v=v_elettrone : = 2694296.4414904
x0= : -6.2842235358615E-13
y0= : -4.625611346779E-12
```

```
*****
i=33897
k(33897)=0.99999934757411
kQ(33897)=0.99999869514864
r1= : 4.6681847444242E-12
rpunto1 : = 342452.67347677
rduepunti0 : = -1.0088594687459E+25
fil : = 488.38276146233
fipunto1 : = 5.7240287908984E+17
fi_gradi : = 27982.271018736
t1 : = 1.0809418371938E-14
tpunto1 : = 1.0003555493062
tduepunti0 : = -89012660952396
v=v_elettrone : = 2694122.2714459
x0= : -6.2811726242966E-13
y0= : -4.6256935964008E-12
*****
i=33898
k(33898)=0.99999935207452
kQ(33898)=0.99999870414947
r1= : 4.6682249068263E-12
rpunto1 : = 341269.51514791
rduepunti0 : = -1.0088433757587E+25
fil : = 488.38282859299
fipunto1 : = 5.723930298333E+17
fi_gradi : = 27982.274865039
t1 : = 1.0809418489258E-14
tpunto1 : = 1.0003555389031
tduepunti0 : = -88704647194021
v=v_elettrone : = 2693948.6899342
x0= : -6.2781214978043E-13
y0= : -4.6257756876726E-12
*****
i=33899
k(33899)=0.99999935655929
kQ(33899)=0.999998713119
r1= : 4.6682649304691E-12
rpunto1 : = 340086.37562728
rduepunti0 : = -1.0088273385616E+25
fil : = 488.3828957225
fipunto1 : = 5.7238321485881E+17
fi_gradi : = 27982.278711277
t1 : = 1.0809418606578E-14
tpunto1 : = 1.000355528536
tduepunti0 : = -88396654217618
v=v_elettrone : = 2693775.6992855
x0= : -6.2750701564965E-13
y0= : -4.6258576205957E-12
*****
i=33900
k(33900)=0.99999936102842
kQ(33900)=0.99999872205724
r1= : 4.6683048153548E-12
rpunto1 : = 338903.25484943
rduepunti0 : = -1.0088113571499E+25
fil : = 488.38296285085
fipunto1 : = 5.7237343416321E+17
fi_gradi : = 27982.282557448
t1 : = 1.0809418723899E-14
tpunto1 : = 1.0003555182051
tduepunti0 : = -88088681950377
v=v_elettrone : = 2693603.2995908
x0= : -6.2720186004825E-13
y0= : -4.6259393951715E-12
```

```
*****
i=33901
k(33901)=0.9999993654819
kQ(33901)=0.9999987309642
r1= : 4.6683445614857E-12
rpunto1: = 337720.15274895
rduepunti0 : = -1.0087954315187E+25
fil : = 488.38302997806
fipunto1 : = 5.7236368774333E+17
fi_gradi : = 27982.286403554
t1 : = 1.0809418841219E-14
tpunto1 : = 1.0003555079103
tduepunti0 : = -87780730319497
v=v_elettrone : = 2693431.4909386
x0= : -6.2689668298716E-13
y0= : -4.6260210114011E-12
*****
i=33902
k(33902)=0.99999936991973
kQ(33902)=0.99999873983986
r1= : 4.668384168864E-12
rpunto1: = 336537.06926044
rduepunti0 : = -1.0087795616632E+25
fil : = 488.38309710413
fipunto1 : = 5.7235397559601E+17
fi_gradi : = 27982.290249594
t1 : = 1.080941895854E-14
tpunto1 : = 1.0003554976516
tduepunti0 : = -87472799252192
v=v_elettrone : = 2693260.2711682
x0= : -6.2659148447731E-13
y0= : -4.626102469286E-12
*****
i=33903
k(33903)=0.99999937434192
kQ(33903)=0.99999874868424
r1= : 4.6684236374917E-12
rpunto1: = 335354.00431847
rduepunti0 : = -1.0087637475786E+25
fil : = 488.38316422905
fipunto1 : = 5.723442977181E+17
fi_gradi : = 27982.294095569
t1 : = 1.080941907586E-14
tpunto1 : = 1.000355487429
tduepunti0 : = -87164888675687
v=v_elettrone : = 2693089.6426163
x0= : -6.2628626452986E-13
y0= : -4.6261837688273E-12
*****
i=33904
k(33904)=0.99999937874848
kQ(33904)=0.99999875749734
r1= : 4.6684629673711E-12
rpunto1: = 334170.95785766
rduepunti0 : = -1.0087479892601E+25
fil : = 488.38323135284
fipunto1 : = 5.7233465410648E+17
fi_gradi : = 27982.297941479
t1 : = 1.080941919318E-14
tpunto1 : = 1.0003554772425
tduepunti0 : = -86856998517222
v=v_elettrone : = 2692919.6053618
x0= : -6.2598102315576E-13
y0= : -4.6262649100262E-12
```

```
*****
i=33905
k(33905)=0.99999938313939
kQ(33905)=0.99999876627915
r1= : 4.6685021585044E-12
rpunto1: = 332987.9298126
rduepunti0 : = -1.0087322867031E+25
fil : = 488.3832984755
fipunto1 : = 5.7232504475802E+17
fi_gradi : = 27982.301787324
t1 : = 1.0809419310501E-14
tpunto1 : = 1.0003554670922
tduepunti0 : = -86549128704048
v=v_elettrone : = 2692750.1572563
x0= : -6.256757603659E-13
y0= : -4.6263458928842E-12
*****
i=33906
k(33906)=0.99999938751466
kQ(33906)=0.99999877502969
r1= : 4.6685412108937E-12
rpunto1: = 331804.9201179
rduepunti0 : = -1.0087166399028E+25
fil : = 488.38336559704
fipunto1 : = 5.7231546966961E+17
fi_gradi : = 27982.305633105
t1 : = 1.0809419427821E-14
tpunto1 : = 1.0003554569779
tduepunti0 : = -86241279163430
v=v_elettrone : = 2692581.3006239
x0= : -6.2537047617146E-13
y0= : -4.6264267174023E-12
*****
i=33907
k(33907)=0.99999939187429
kQ(33907)=0.99999878374894
r1= : 4.6685801245412E-12
rpunto1: = 330621.92870818
rduepunti0 : = -1.0087010488544E+25
fil : = 488.38343271745
fipunto1 : = 5.7230592883815E+17
fi_gradi : = 27982.309478821
t1 : = 1.0809419545142E-14
tpunto1 : = 1.0003554468997
tduepunti0 : = -85933449822645
v=v_elettrone : = 2692413.0355518
x0= : -6.2506517058334E-13
y0= : -4.6265073835818E-12
*****
i=33908
k(33908)=0.99999939621828
kQ(33908)=0.99999879243692
r1= : 4.668618899449E-12
rpunto1: = 329438.95551806
rduepunti0 : = -1.0086855135534E+25
fil : = 488.38349983674
fipunto1 : = 5.7229642226055E+17
fi_gradi : = 27982.313324473
t1 : = 1.0809419662462E-14
tpunto1 : = 1.0003554368577
tduepunti0 : = -85625640608982
v=v_elettrone : = 2692245.3621263
x0= : -6.2475984361245E-13
y0= : -4.6265878914239E-12
```

```
*****
i=33909
k(33909)=0.99999940054663
kQ(33909)=0.99999880109363
r1= : 4.6686575356192E-12
rpunto1 : = 328256.00048216
rduepunti0 : = -1.0086700339949E+25
fil : = 488.38356695492
fipunto1 : = 5.7228694993374E+17
fi_gradi : = 27982.317170062
t1 : = 1.0809419779782E-14
tpunto1 : = 1.0003554268517
tduepunti0 : = -85317851449744
v=v_elettrone : = 2692078.2781901
x0= : -6.244544952697E-13
y0= : -4.6266682409299E-12
*****
i=33910
k(33910)=0.99999940485935
kQ(33910)=0.99999880971906
r1= : 4.668696033054E-12
rpunto1 : = 327073.06353512
rduepunti0 : = -1.0086546101743E+25
fil : = 488.38363407198
fipunto1 : = 5.7227751185464E+17
fi_gradi : = 27982.321015586
t1 : = 1.0809419897103E-14
tpunto1 : = 1.0003554168818
tduepunti0 : = -85010082272246
v=v_elettrone : = 2691911.7860728
x0= : -6.2414912556623E-13
y0= : -4.626748432101E-12
*****
i=33911
k(33911)=0.99999940915644
kQ(33911)=0.99999881831323
r1= : 4.6687343917555E-12
rpunto1 : = 325890.14461157
rduepunti0 : = -1.0086392420871E+25
fil : = 488.38370118794
fipunto1 : = 5.722681080202E+17
fi_gradi : = 27982.324861047
t1 : = 1.0809420014423E-14
tpunto1 : = 1.0003554069481
tduepunti0 : = -84702333003815
v=v_elettrone : = 2691745.8836114
x0= : -6.2384373451294E-13
y0= : -4.6268284649383E-12
*****
i=33912
k(33912)=0.99999941343789
kQ(33912)=0.99999882687612
r1= : 4.6687726117259E-12
rpunto1 : = 324707.24364615
rduepunti0 : = -1.0086239297285E+25
fil : = 488.3837683028
fipunto1 : = 5.7225873842739E+17
fi_gradi : = 27982.328706445
t1 : = 1.0809420131743E-14
tpunto1 : = 1.0003553970504
tduepunti0 : = -84394603571790
v=v_elettrone : = 2691580.5731333
x0= : -6.2353832212099E-13
y0= : -4.626908339443E-12
```

```
*****
i=33913
k(33913)=0.9999994177037
kQ(33913)=0.99999883540775
r1= : 4.6688106929671E-12
rpunto1 : = 323524.36057352
rduepunti0 : = -1.008608673094E+25
fil : = 488.38383541655
fipunto1 : = 5.7224940307316E+17
fi_gradi : = 27982.33255178
t1 : = 1.0809420249064E-14
tpunto1 : = 1.0003553871888
tduepunti0 : = -84086893903524
v=v_elettrone : = 2691415.8547312
x0= : -6.2323288840126E-13
y0= : -4.6269880556164E-12
*****
i=33914
k(33914)=0.99999942195389
kQ(33914)=0.99999884390811
r1= : 4.6688486354814E-12
rpunto1 : = 322341.49532832
rduepunti0 : = -1.0085934721789E+25
fil : = 488.38390252922
fipunto1 : = 5.7224010195449E+17
fi_gradi : = 27982.336397053
t1 : = 1.0809420366384E-14
tpunto1 : = 1.0003553773633
tduepunti0 : = -83779203926382
v=v_elettrone : = 2691251.7262398
x0= : -6.2292743336463E-13
y0= : -4.6270676134595E-12
*****
i=33915
k(33915)=0.99999942618844
kQ(33915)=0.99999885237721
r1= : 4.6688864392708E-12
rpunto1 : = 321158.64784521
rduepunti0 : = -1.0085783269787E+25
fil : = 488.38396964079
fipunto1 : = 5.7223083506838E+17
fi_gradi : = 27982.340242262
t1 : = 1.0809420483705E-14
tpunto1 : = 1.0003553675738
tduepunti0 : = -83471533567739
v=v_elettrone : = 2691088.189986
x0= : -6.2262195702224E-13
y0= : -4.6271470129736E-12
*****
i=33916
k(33916)=0.99999943040736
kQ(33916)=0.99999886081505
r1= : 4.6689241043373E-12
rpunto1 : = 319975.81805886
rduepunti0 : = -1.0085632374889E+25
fil : = 488.38403675127
fipunto1 : = 5.7222160241182E+17
fi_gradi : = 27982.34408741
t1 : = 1.0809420601025E-14
tpunto1 : = 1.0003553578205
tduepunti0 : = -83163882754986
v=v_elettrone : = 2690925.2460527
x0= : -6.2231645938498E-13
y0= : -4.6272262541597E-12
```

```
*****
i=33917
k(33917)=0.99999943461066
kQ(33917)=0.99999886922164
r1= : 4.6689616306832E-12
rpunto1: = 318793.00590394
rduepunti0 : = -1.0085482037048E+25
fil : = 488.38410386067
fipunto1 : = 5.7221240398183E+17
fi_gradi : = 27982.347932495
t1 : = 1.0809420718345E-14
tpunto1 : = 1.0003553481032
tduepunti0 : = -82856251415522
v=v_elettrone : = 2690762.892282
x0= : -6.2201094046371E-13
y0= : -4.6273053370191E-12
*****
i=33918
k(33918)=0.99999943879832
kQ(33918)=0.99999887759696
r1= : 4.6689990183104E-12
rpunto1: = 317610.21131511
rduepunti0 : = -1.008533225622E+25
fil : = 488.384170969
fipunto1 : = 5.7220323977544E+17
fi_gradi : = 27982.351777519
t1 : = 1.0809420835666E-14
tpunto1 : = 1.000355338422
tduepunti0 : = -82548639476763
v=v_elettrone : = 2690601.131004
x0= : -6.2170540026958E-13
y0= : -4.6273842615529E-12
*****
i=33919
k(33919)=0.99999944297036
kQ(33919)=0.99999888594103
r1= : 4.6690362672209E-12
rpunto1: = 316427.43422706
rduepunti0 : = -1.0085183032359E+25
fil : = 488.38423807624
fipunto1 : = 5.7219410978966E+17
fi_gradi : = 27982.355622481
t1 : = 1.0809420952986E-14
tpunto1 : = 1.0003553287769
tduepunti0 : = -82241046866132
v=v_elettrone : = 2690439.9622909
x0= : -6.2139983881343E-13
y0= : -4.6274630277622E-12
*****
i=33920
k(33920)=0.99999944712677
kQ(33920)=0.99999889425384
r1= : 4.6690733774169E-12
rpunto1: = 315244.67457448
rduepunti0 : = -1.0085034365421E+25
fil : = 488.38430518242
fipunto1 : = 5.7218501402156E+17
fi_gradi : = 27982.359467382
t1 : = 1.0809421070306E-14
tpunto1 : = 1.0003553191678
tduepunti0 : = -81933473511069
v=v_elettrone : = 2690279.3839903
x0= : -6.2109425610614E-13
y0= : -4.6275416356481E-12
```



```
*****
i=33921
k(33921)=0.99999945126755
kQ(33921)=0.99999890253541
r1= : 4.6691103489005E-12
rpunto1 : = 314061.93229205
rduepunti0 : = -1.008488625536E+25
fil : = 488.38437228753
fipunto1 : = 5.7217595246818E+17
fi_gradi : = 27982.363312222
t1 : = 1.0809421187627E-14
tpunto1 : = 1.0003553095949
tduepunti0 : = -81625919339022
v=v_elettrone : = 2690119.3984223
x0= : -6.2078865215884E-13
y0= : -4.6276200852117E-12
*****
i=33922
k(33922)=0.99999945539271
kQ(33922)=0.99999891078572
r1= : 4.6691471816735E-12
rpunto1 : = 312879.20731448
rduepunti0 : = -1.0084738702133E+25
fil : = 488.38443939158
fipunto1 : = 5.721669251266E+17
fi_gradi : = 27982.367157
t1 : = 1.0809421304947E-14
tpunto1 : = 1.0003553000579
tduepunti0 : = -81318384277452
v=v_elettrone : = 2689960.0034322
x0= : -6.2048302698236E-13
y0= : -4.6276983764541E-12
*****
i=33923
k(33923)=0.99999945950225
kQ(33923)=0.99999891900479
r1= : 4.6691838757381E-12
rpunto1 : = 311696.49957645
rduepunti0 : = -1.0084591705695E+25
fil : = 488.38450649457
fipunto1 : = 5.721579319939E+17
fi_gradi : = 27982.371001718
t1 : = 1.0809421422268E-14
tpunto1 : = 1.0003552905571
tduepunti0 : = -81010868253835
v=v_elettrone : = 2689801.2013337
x0= : -6.2017738058784E-13
y0= : -4.6277765093765E-12
*****
i=33924
k(33924)=0.99999946359616
kQ(33924)=0.99999892719261
r1= : 4.6692204310963E-12
rpunto1 : = 310513.80901268
rduepunti0 : = -1.0084445266001E+25
fil : = 488.38457359651
fipunto1 : = 5.7214897306715E+17
fi_gradi : = 27982.374846376
t1 : = 1.0809421539588E-14
tpunto1 : = 1.0003552810923
tduepunti0 : = -80703371195654
v=v_elettrone : = 2689642.9899768
x0= : -6.1987171298613E-13
y0= : -4.6278544839798E-12
```

```
*****
i=33925
k(33925)=0.99999946767445
kQ(33925)=0.99999893534918
r1= : 4.6692568477501E-12
rpunto1: = 309331.13555787
rduepunti0 : = -1.0084299383008E+25
fil : = 488.38464069739
fipunto1 : = 5.7214004834348E+17
fi_gradi : = 27982.378690974
t1 : = 1.0809421656908E-14
tpunto1 : = 1.0003552716636
tduepunti0 : = -80395893030407
v=v_elettrone : = 2689485.3716742
x0= : -6.1956602418832E-13
y0= : -4.6279323002653E-12
*****
i=33926
k(33926)=0.99999947173712
kQ(33926)=0.99999894347451
r1= : 4.6692931257015E-12
rpunto1: = 308148.47914675
rduepunti0 : = -1.0084154056671E+25
fil : = 488.38470779723
fipunto1 : = 5.7213115781998E+17
fi_gradi : = 27982.382535511
t1 : = 1.0809421774229E-14
tpunto1 : = 1.0003552622709
tduepunti0 : = -80088433685604
v=v_elettrone : = 2689328.3465228
x0= : -6.1926031420527E-13
y0= : -4.6280099582338E-12
*****
i=33927
k(33927)=0.99999947578416
kQ(33927)=0.9999989515686
r1= : 4.6693292649524E-12
rpunto1: = 306965.83971403
rduepunti0 : = -1.0084009286947E+25
fil : = 488.38477489602
fipunto1 : = 5.7212230149379E+17
fi_gradi : = 27982.386379989
t1 : = 1.0809421891549E-14
tpunto1 : = 1.0003552529143
tduepunti0 : = -79780993088764
v=v_elettrone : = 2689171.9123391
x0= : -6.1895458304782E-13
y0= : -4.6280874578866E-12
*****
i=33928
k(33928)=0.99999947981559
kQ(33928)=0.99999895963146
r1= : 4.669365265505E-12
rpunto1: = 305783.21719445
rduepunti0 : = -1.0083865073792E+25
fil : = 488.38484199378
fipunto1 : = 5.7211347936203E+17
fi_gradi : = 27982.390224407
t1 : = 1.0809422008869E-14
tpunto1 : = 1.0003552435937
tduepunti0 : = -79473571167421
v=v_elettrone : = 2689016.071462
x0= : -6.1864883072706E-13
y0= : -4.6281647992246E-12
```

```
*****
i=33929
k(33929)=0.9999994838314
kQ(33929)=0.99999896766307
r1= : 4.6694011273612E-12
rpunto1: = 304600.61152272
rduepunti0 : = -1.0083721417163E+25
fil : = 488.3849090905
fipunto1 : = 5.7210469142186E+17
fi_gradi : = 27982.394068766
t1 : = 1.080942212619E-14
tpunto1 : = 1.0003552343092
tduepunti0 : = -79166167849119
v=v_elettrone : = 2688860.821721
x0= : -6.1834305725382E-13
y0= : -4.6282419822489E-12
*****
i=33930
k(33930)=0.99999948783159
kQ(33930)=0.99999897566345
r1= : 4.6694368505229E-12
rpunto1: = 303418.02263359
rduepunti0 : = -1.0083578317017E+25
fil : = 488.38497618619
fipunto1 : = 5.7209593767042E+17
fi_gradi : = 27982.397913066
t1 : = 1.080942224351E-14
tpunto1 : = 1.0003552250608
tduepunti0 : = -78858783061413
v=v_elettrone : = 2688706.1654404
x0= : -6.1803726263921E-13
y0= : -4.6283190069604E-12
*****
i=33931
k(33931)=0.99999949181617
kQ(33931)=0.9999989836326
r1= : 4.6694724349921E-12
rpunto1: = 302235.4504618
rduepunti0 : = -1.008343577331E+25
fil : = 488.38504328085
fipunto1 : = 5.720872181049E+17
fi_gradi : = 27982.401757307
t1 : = 1.080942236083E-14
tpunto1 : = 1.0003552158484
tduepunti0 : = -78551416731871
v=v_elettrone : = 2688552.1004564
x0= : -6.1773144689406E-13
y0= : -4.6283958733604E-12
*****
i=33932
k(33932)=0.99999949578513
kQ(33932)=0.99999899157051
r1= : 4.6695078807708E-12
rpunto1: = 301052.8949421
rduepunti0 : = -1.0083293786E+25
fil : = 488.38511037449
fipunto1 : = 5.7207853272246E+17
fi_gradi : = 27982.405601489
t1 : = 1.0809422478151E-14
tpunto1 : = 1.000355206672
tduepunti0 : = -78244068788071
v=v_elettrone : = 2688398.6290909
x0= : -6.1742561002943E-13
y0= : -4.6284725814496E-12
```

```
*****
i=33933
k(33933)=0.99999949973847
kQ(33933)=0.9999989994772
r1= : 4.669543187861E-12
rpunto1 : = 299870.35600924
rduepunti0 : = -1.0083152355044E+25
fil : = 488.38517746712
fipunto1 : = 5.7206988152031E+17
fi_gradi : = 27982.409445614
t1 : = 1.0809422595471E-14
tpunto1 : = 1.0003551975317
tduepunti0 : = -77936739157604
v=v_elettrone : = 2688245.7514255
x0= : -6.1711975205617E-13
y0= : -4.6285491312292E-12
*****
i=33934
k(33934)=0.9999995036762
kQ(33934)=0.99999900735265
r1= : 4.6695783562645E-12
rpunto1 : = 298687.83359797
rduepunti0 : = -1.00830114804E+25
fil : = 488.38524455873
fipunto1 : = 5.7206126449563E+17
fi_gradi : = 27982.41328968
t1 : = 1.0809422712791E-14
tpunto1 : = 1.0003551884274
tduepunti0 : = -77629427768072
v=v_elettrone : = 2688093.4630426
x0= : -6.1681387298508E-13
y0= : -4.6286255227002E-12
*****
i=33935
k(33935)=0.99999950759832
kQ(33935)=0.99999901519688
r1= : 4.6696133859833E-12
rpunto1 : = 297505.32764305
rduepunti0 : = -1.0082871162024E+25
fil : = 488.38531164932
fipunto1 : = 5.7205268164565E+17
fi_gradi : = 27982.417133688
t1 : = 1.0809422830112E-14
tpunto1 : = 1.0003551793592
tduepunti0 : = -77322134547088
v=v_elettrone : = 2687941.7707619
x0= : -6.165079728275E-13
y0= : -4.6287017558635E-12
*****
i=33936
k(33936)=0.99999951150482
kQ(33936)=0.99999902300988
r1= : 4.6696482770194E-12
rpunto1 : = 296322.83807926
rduepunti0 : = -1.0082731399876E+25
fil : = 488.38537873891
fipunto1 : = 5.7204413296759E+17
fi_gradi : = 27982.420977638
t1 : = 1.0809422947432E-14
tpunto1 : = 1.000355170327
tduepunti0 : = -77014859422276
v=v_elettrone : = 2687790.6701676
x0= : -6.1620205159399E-13
y0= : -4.6287778307201E-12
```

```
*****
i=33937
k(33937)=0.99999951539571
kQ(33937)=0.99999903079166
r1= : 4.6696830293747E-12
rpunto1: = 295140.36484136
rduepunti0 : = -1.0082592193912E+25
fil : = 488.3854458275
fipunto1 : = 5.7203561845868E+17
fi_gradi : = 27982.424821531
t1 : = 1.0809423064752E-14
tpunto1 : = 1.0003551613308
tduepunti0 : = -76707602321272
v=v_elettrone : = 2687640.1613386
x0= : -6.1589610929562E-13
y0= : -4.628853747271E-12
*****
i=33938
k(33938)=0.999999519271
kQ(33938)=0.99999903854222
r1= : 4.669717643051E-12
rpunto1: = 293957.90786414
rduepunti0 : = -1.008245354409E+25
fil : = 488.38551291509
fipunto1 : = 5.7202713811617E+17
fi_gradi : = 27982.428665367
t1 : = 1.0809423182073E-14
tpunto1 : = 1.0003551523707
tduepunti0 : = -76400363171723
v=v_elettrone : = 2687490.2465928
x0= : -6.1559014594345E-13
y0= : -4.6289295055171E-12
*****
i=33939
k(33939)=0.99999952313067
kQ(33939)=0.99999904626156
r1= : 4.6697521180503E-12
rpunto1: = 292775.46708236
rduepunti0 : = -1.008231545037E+25
fil : = 488.38558000169
fipunto1 : = 5.7201869193732E+17
fi_gradi : = 27982.432509146
t1 : = 1.0809423299393E-14
tpunto1 : = 1.0003551434466
tduepunti0 : = -76093141901288
v=v_elettrone : = 2687340.9260165
x0= : -6.1528416154828E-13
y0= : -4.6290051054595E-12
*****
i=33940
k(33940)=0.99999952697473
kQ(33940)=0.99999905394968
r1= : 4.6697864543746E-12
rpunto1: = 291593.04243082
rduepunti0 : = -1.008217791271E+25
fil : = 488.38564708729
fipunto1 : = 5.7201027991939E+17
fi_gradi : = 27982.436352868
t1 : = 1.0809423416714E-14
tpunto1 : = 1.0003551345585
tduepunti0 : = -75785938437635
v=v_elettrone : = 2687192.1974377
x0= : -6.1497815612092E-13
y0= : -4.6290805470989E-12
```

```
*****
i=33941
k(33941)=0.99999953080318
kQ(33941)=0.99999906160659
r1= : 4.6698206520256E-12
rpunto1: = 290410.63384431
rduepunti0 : = -1.0082040931068E+25
fil : = 488.38571417191
fipunto1 : = 5.7200190205967E+17
fi_gradi : = 27982.440196533
t1 : = 1.0809423534034E-14
tpunto1 : = 1.0003551257064
tduepunti0 : = -75478752708446
v=v_elettrone : = 2687044.0609189
x0= : -6.1467212967242E-13
y0= : -4.6291558304365E-12
*****
i=33942
k(33942)=0.99999953461603
kQ(33942)=0.99999906923228
r1= : 4.6698547110052E-12
rpunto1: = 289228.24125762
rduepunti0 : = -1.0081904505403E+25
fil : = 488.38578125555
fipunto1 : = 5.7199355835544E+17
fi_gradi : = 27982.444040142
t1 : = 1.0809423651354E-14
tpunto1 : = 1.0003551168904
tduepunti0 : = -75171584641411
v=v_elettrone : = 2686896.5188008
x0= : -6.1436608221384E-13
y0= : -4.629230955473E-12
*****
i=33943
k(33943)=0.99999953841327
kQ(33943)=0.99999907682675
r1= : 4.6698886313154E-12
rpunto1: = 288045.86460555
rduepunti0 : = -1.0081768635674E+25
fil : = 488.3858483382
fipunto1 : = 5.7198524880402E+17
fi_gradi : = 27982.447883695
t1 : = 1.0809423768675E-14
tpunto1 : = 1.0003551081104
tduepunti0 : = -74864434164233
v=v_elettrone : = 2686749.5689022
x0= : -6.1406001375596E-13
y0= : -4.6293059222095E-12
*****
i=33944
k(33944)=0.9999995421949
kQ(33944)=0.99999908439002
r1= : 4.6699224129581E-12
rpunto1: = 286863.50382292
rduepunti0 : = -1.008163332184E+25
fil : = 488.38591541989
fipunto1 : = 5.719769734027E+17
fi_gradi : = 27982.451727193
t1 : = 1.0809423885995E-14
tpunto1 : = 1.0003550993664
tduepunti0 : = -74557301204626
v=v_elettrone : = 2686603.2135521
x0= : -6.1375392430985E-13
y0= : -4.6293807306467E-12
```

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*****
i=33945
k(33945)=0.99999954596093
kQ(33945)=0.99999909192207
r1= : 4.6699560559349E-12
rpunto1 : = 285681.15884452
rduepunti0 : = -1.0081498563861E+25
fil : = 488.3859825006
fipunto1 : = 5.7196873214882E+17
fi_gradi : = 27982.455570634
t1 : = 1.0809424003315E-14
tpunto1 : = 1.0003550906585
tduepunti0 : = -74250185690315
v=v_elettrone : = 2686457.4505706
x0= : -6.1344781388627E-13
y0= : -4.6294553807857E-12
*****
i=33946
k(33946)=0.99999954971136
kQ(33946)=0.99999909942292
r1= : 4.669989560248E-12
rpunto1 : = 284498.82960518
rduepunti0 : = -1.0081364361695E+25
fil : = 488.38604958034
fipunto1 : = 5.7196052503972E+17
fi_gradi : = 27982.459414021
t1 : = 1.0809424120636E-14
tpunto1 : = 1.0003550819865
tduepunti0 : = -73943087549034
v=v_elettrone : = 2686312.2822863
x0= : -6.1314168249628E-13
y0= : -4.6295298726274E-12
*****
i=33947
k(33947)=0.99999955344618
kQ(33947)=0.99999910689256
r1= : 4.670022925899E-12
rpunto1 : = 283316.51603972
rduepunti0 : = -1.0081230715303E+25
fil : = 488.38611665913
fipunto1 : = 5.7195235207273E+17
fi_gradi : = 27982.463257352
t1 : = 1.0809424237956E-14
tpunto1 : = 1.0003550733506
tduepunti0 : = -73636006708530
v=v_elettrone : = 2686167.7065267
x0= : -6.1283553015065E-13
y0= : -4.6296042061725E-12
*****
i=33948
k(33948)=0.9999995571654
kQ(33948)=0.999999114331
r1= : 4.6700561528898E-12
rpunto1 : = 282134.21808295
rduepunti0 : = -1.0081097624645E+25
fil : = 488.38618373695
fipunto1 : = 5.7194421324521E+17
fi_gradi : = 27982.467100628
t1 : = 1.0809424355276E-14
tpunto1 : = 1.0003550647507
tduepunti0 : = -73328943096560
v=v_elettrone : = 2686023.7256073
x0= : -6.1252935686041E-13
y0= : -4.629678381422E-12
```

```
*****
i=33949
k(33949)=0.99999956086902
kQ(33949)=0.99999912173823
r1= : 4.6700892412222E-12
rpunto1: = 280951.93566971
rduepunti0 : = -1.008096508968E+25
fil : = 488.38625081382
fipunto1 : = 5.7193610855454E+17
fi_gradi : = 27982.47094385
t1 : = 1.0809424472597E-14
tpunto1 : = 1.0003550561868
tduepunti0 : = -73021896640891
v=v_elettrone : = 2685880.3373647
x0= : -6.1222316263635E-13
y0= : -4.6297523983767E-12
*****
i=33950
k(33950)=0.99999956455704
kQ(33950)=0.99999912911426
r1= : 4.6701221908981E-12
rpunto1: = 279769.66873483
rduepunti0 : = -1.0080833110368E+25
fil : = 488.38631788974
fipunto1 : = 5.719280379981E+17
fi_gradi : = 27982.474787017
t1 : = 1.0809424589917E-14
tpunto1 : = 1.0003550476588
tduepunti0 : = -72714867269302
v=v_elettrone : = 2685737.544107
x0= : -6.1191694748948E-13
y0= : -4.6298262570376E-12
*****
i=33951
k(33951)=0.99999956822945
kQ(33951)=0.99999913645909
r1= : 4.6701550019193E-12
rpunto1: = 278587.41721315
rduepunti0 : = -1.008070168667E+25
fil : = 488.38638496471
fipunto1 : = 5.7192000157326E+17
fi_gradi : = 27982.47863013
t1 : = 1.0809424707237E-14
tpunto1 : = 1.0003550391669
tduepunti0 : = -72407854909582
v=v_elettrone : = 2685595.3436714
x0= : -6.1161071143058E-13
y0= : -4.6298999574054E-12
*****
i=33952
k(33952)=0.99999957188627
kQ(33952)=0.99999914377273
r1= : 4.6701876742876E-12
rpunto1: = 277405.18103951
rduepunti0 : = -1.0080570818546E+25
fil : = 488.38645203874
fipunto1 : = 5.7191199927745E+17
fi_gradi : = 27982.482473188
t1 : = 1.0809424824558E-14
tpunto1 : = 1.0003550307111
tduepunti0 : = -72100859489531
v=v_elettrone : = 2685453.7361247
x0= : -6.1130445447067E-13
y0= : -4.629973499481E-12
```



```
*****
i=33953
k(33953)=0.99999957552749
kQ(33953)=0.99999915105516
r1= : 4.6702202080047E-12
rpunto1: = 276222.96014877
rduepunti0 : = -1.0080440505957E+25
fil : = 488.38651911184
fipunto1 : = 5.7190403110807E+17
fi_gradi : = 27982.486316194
t1 : = 1.0809424941878E-14
tpunto1 : = 1.0003550222912
tduepunti0 : = -71793880936959
v=v_elettrone : = 2685312.7237877
x0= : -6.1099817662077E-13
y0= : -4.6300468832652E-12
*****
i=33954
k(33954)=0.99999957915311
kQ(33954)=0.9999991583064
r1= : 4.6702526030725E-12
rpunto1: = 275040.75447576
rduepunti0 : = -1.0080310748864E+25
fil : = 488.38658618399
fipunto1 : = 5.7189609706254E+17
fi_gradi : = 27982.490159145
t1 : = 1.0809425059198E-14
tpunto1 : = 1.0003550139073
tduepunti0 : = -71486919179686
v=v_elettrone : = 2685172.3044918
x0= : -6.1069187789164E-13
y0= : -4.6301201087588E-12
*****
i=33955
k(33955)=0.99999958276314
kQ(33955)=0.99999916552645
r1= : 4.6702848594928E-12
rpunto1: = 273858.56395536
rduepunti0 : = -1.0080181547228E+25
fil : = 488.38665325522
fipunto1 : = 5.718881971383E+17
fi_gradi : = 27982.494002043
t1 : = 1.0809425176519E-14
tpunto1 : = 1.0003550055594
tduepunti0 : = -71179974145545
v=v_elettrone : = 2685032.4782974
x0= : -6.1038555829429E-13
y0= : -4.6301931759627E-12
*****
i=33956
k(33956)=0.99999958635757
kQ(33956)=0.99999917271531
r1= : 4.6703169772674E-12
rpunto1: = 272676.38852241
rduepunti0 : = -1.008005290101E+25
fil : = 488.38672032552
fipunto1 : = 5.7188033133279E+17
fi_gradi : = 27982.497844888
t1 : = 1.0809425293839E-14
tpunto1 : = 1.0003549972475
tduepunti0 : = -70873045762376
v=v_elettrone : = 2684893.2475355
x0= : -6.1007921783974E-13
y0= : -4.6302660848776E-12
```

```
*****
i=33957
k(33957)=0.9999995899364
kQ(33957)=0.99999917987297
r1= : 4.6703489563979E-12
rpunto1 : = 271494.22811179
rduepunti0 : = -1.0079924810171E+25
fil : = 488.3867873949
fipunto1 : = 5.7187249964348E+17
fi_gradi : = 27982.501687681
t1 : = 1.0809425411159E-14
tpunto1 : = 1.0003549889716
tduepunti0 : = -70566133958032
v=v_elettrone : = 2684754.6122768
x0= : -6.0977285653873E-13
y0= : -4.6303388355044E-12
*****
i=33958
k(33958)=0.99999959349964
kQ(33958)=0.99999918699945
r1= : 4.6703807968862E-12
rpunto1 : = 270312.08265837
rduepunti0 : = -1.0079797274672E+25
fil : = 488.38685446336
fipunto1 : = 5.7186470206783E+17
fi_gradi : = 27982.50553042
t1 : = 1.080942552848E-14
tpunto1 : = 1.0003549807317
tduepunti0 : = -70259238660374
v=v_elettrone : = 2684616.568086
x0= : -6.0946647440201E-13
y0= : -4.6304114278439E-12
*****
i=33959
k(33959)=0.99999959704729
kQ(33959)=0.99999919409474
r1= : 4.6704124987341E-12
rpunto1 : = 269129.95209702
rduepunti0 : = -1.0079670294476E+25
fil : = 488.3869215309
fipunto1 : = 5.7185693860333E+17
fi_gradi : = 27982.509373108
t1 : = 1.08094256458E-14
tpunto1 : = 1.0003549725277
tduepunti0 : = -69952359797276
v=v_elettrone : = 2684479.1217939
x0= : -6.0916007144085E-13
y0= : -4.6304838618967E-12
*****
i=33960
k(33960)=0.99999960057934
kQ(33960)=0.99999920115885
r1= : 4.6704440619432E-12
rpunto1 : = 267947.83636262
rduepunti0 : = -1.0079543869544E+25
fil : = 488.38698859754
fipunto1 : = 5.7184920924745E+17
fi_gradi : = 27982.513215743
t1 : = 1.080942576312E-14
tpunto1 : = 1.0003549643598
tduepunti0 : = -69645497296621
v=v_elettrone : = 2684342.2667143
x0= : -6.0885364766571E-13
y0= : -4.6305561376638E-12
```

```
*****
i=33961
k(33961)=0.99999960409581
kQ(33961)=0.99999920819177
r1= : 4.6704754865153E-12
rpunto1: = 266765.73539006
rduepunti0 : = -1.0079417999838E+25
fil : = 488.38705566327
fipunto1 : = 5.7184151399771E+17
fi_gradi : = 27982.517058326
t1 : = 1.080942588044E-14
tpunto1 : = 1.0003549562279
tduepunti0 : = -69338651086302
v=v_elettrone : = 2684206.0074188
x0= : -6.0854720308786E-13
y0= : -4.6306282551458E-12
*****
i=33962
k(33962)=0.99999960759668
kQ(33962)=0.9999992151935
r1= : 4.6705067724522E-12
rpunto1: = 265583.64911421
rduepunti0 : = -1.0079292685321E+25
fil : = 488.38712272809
fipunto1 : = 5.7183385285162E+17
fi_gradi : = 27982.520900857
t1 : = 1.0809425997761E-14
tpunto1 : = 1.0003549481319
tduepunti0 : = -69031821094221
v=v_elettrone : = 2684070.3417291
x0= : -6.0824073771804E-13
y0= : -4.6307002143435E-12
*****
i=33963
k(33963)=0.99999961108196
kQ(33963)=0.99999922216406
r1= : 4.6705379197556E-12
rpunto1: = 264401.57746999
rduepunti0 : = -1.0079167925954E+25
fil : = 488.38718979202
fipunto1 : = 5.718262258067E+17
fi_gradi : = 27982.524743337
t1 : = 1.0809426115081E-14
tpunto1 : = 1.0003549400719
tduepunti0 : = -68725007248293
v=v_elettrone : = 2683935.2719656
x0= : -6.0793425156723E-13
y0= : -4.6307720152577E-12
*****
i=33964
k(33964)=0.99999961455165
kQ(33964)=0.99999922910344
r1= : 4.6705689284271E-12
rpunto1: = 263219.52039227
rduepunti0 : = -1.0079043721701E+25
fil : = 488.38725685505
fipunto1 : = 5.7181863286049E+17
fi_gradi : = 27982.528585766
t1 : = 1.0809426232401E-14
tpunto1 : = 1.0003549320479
tduepunti0 : = -68418209476441
v=v_elettrone : = 2683800.7959475
x0= : -6.0762774464616E-13
y0= : -4.630843657889E-12
```

```
*****
i=33965
k(33965)=0.99999961800575
kQ(33965)=0.99999923601164
r1= : 4.6705997984685E-12
rpunto1 : = 262037.47781597
rduepunti0 : = -1.0078920072523E+25
fil : = 488.38732391719
fipunto1 : = 5.7181107401053E+17
fi_gradi : = 27982.532428144
t1 : = 1.0809426349722E-14
tpunto1 : = 1.0003549240599
tduepunti0 : = -68111427706598
v=v_elettrone : = 2683666.9137411
x0= : -6.0732121696582E-13
y0= : -4.6309151422383E-12
*****
i=33966
k(33966)=0.99999962144426
kQ(33966)=0.99999924288866
r1= : 4.6706305298815E-12
rpunto1 : = 260855.44967599
rduepunti0 : = -1.0078796978384E+25
fil : = 488.38739097845
fipunto1 : = 5.7180354925439E+17
fi_gradi : = 27982.536270471
t1 : = 1.0809426467042E-14
tpunto1 : = 1.0003549161079
tduepunti0 : = -67804661866707
v=v_elettrone : = 2683533.6276715
x0= : -6.0701466853719E-13
y0= : -4.6309864683061E-12
*****
i=33967
k(33967)=0.99999962486719
kQ(33967)=0.99999924973451
r1= : 4.6706611226678E-12
rpunto1 : = 259673.43590724
rduepunti0 : = -1.0078674439246E+25
fil : = 488.38745803882
fipunto1 : = 5.7179605858962E+17
fi_gradi : = 27982.540112747
t1 : = 1.0809426584362E-14
tpunto1 : = 1.0003549081918
tduepunti0 : = -67497911884723
v=v_elettrone : = 2683400.9355505
x0= : -6.0670809937099E-13
y0= : -4.6310576360934E-12
*****
i=33968
k(33968)=0.99999962827452
kQ(33968)=0.99999925654919
r1= : 4.670691576829E-12
rpunto1 : = 258491.43644464
rduepunti0 : = -1.0078552455074E+25
fil : = 488.38752509832
fipunto1 : = 5.7178860201381E+17
fi_gradi : = 27982.543954973
t1 : = 1.0809426701683E-14
tpunto1 : = 1.0003549003117
tduepunti0 : = -67191177688608
v=v_elettrone : = 2683268.8374516
x0= : -6.064015094782E-13
y0= : -4.6311286456006E-12
```

```
*****
i=33969
k(33969)=0.99999963166628
kQ(33969)=0.99999926333269
r1= : 4.6707218923669E-12
rpunto1: = 257309.45122309
rduepunti0 : = -1.0078431025829E+25
fil : = 488.38759215694
fipunto1 : = 5.7178117952454E+17
fi_gradi : = 27982.547797149
t1 : = 1.0809426819003E-14
tpunto1 : = 1.0003548924676
tduepunti0 : = -66884459206335
v=v_elettrone : = 2683137.3356923
x0= : -6.0609489886979E-13
y0= : -4.6311994968286E-12
*****
i=33970
k(33970)=0.99999963504245
kQ(33970)=0.99999927008502
r1= : 4.6707520692832E-12
rpunto1: = 256127.48017754
rduepunti0 : = -1.0078310151476E+25
fil : = 488.38765921469
fipunto1 : = 5.7177379111943E+17
fi_gradi : = 27982.551639275
t1 : = 1.0809426936323E-14
tpunto1 : = 1.0003548846594
tduepunti0 : = -66577756365888
v=v_elettrone : = 2683006.4280899
x0= : -6.0578826755646E-13
y0= : -4.631270189778E-12
*****
i=33971
k(33971)=0.99999963840303
kQ(33971)=0.99999927680619
r1= : 4.6707821075794E-12
rpunto1: = 254945.52324289
rduepunti0 : = -1.0078189831979E+25
fil : = 488.38772627157
fipunto1 : = 5.7176643679608E+17
fi_gradi : = 27982.555481351
t1 : = 1.0809427053644E-14
tpunto1 : = 1.0003548768872
tduepunti0 : = -66271069095258
v=v_elettrone : = 2682876.1147101
x0= : -6.054816155492E-13
y0= : -4.6313407244495E-12
*****
i=33972
k(33972)=0.99999964174803
kQ(33972)=0.99999928349618
r1= : 4.6708120072572E-12
rpunto1: = 253763.58035409
rduepunti0 : = -1.0078070067301E+25
fil : = 488.38779332759
fipunto1 : = 5.7175911655212E+17
fi_gradi : = 27982.559323378
t1 : = 1.0809427170964E-14
tpunto1 : = 1.000354869151
tduepunti0 : = -65964397322448
v=v_elettrone : = 2682746.3978717
x0= : -6.0517494285896E-13
y0= : -4.6314111008438E-12
```

```
*****
i=33973
k(33973)=0.99999964507744
kQ(33973)=0.99999929015502
r1= : 4.6708417683183E-12
rpunto1 : = 252581.65144608
rduerpunti0 : = -1.0077950857406E+25
fil : = 488.38786038275
fipunto1 : = 5.7175183038518E+17
fi_gradi : = 27982.563165356
t1 : = 1.0809427288284E-14
tpunto1 : = 1.0003548614508
tduerpunti0 : = -65657740975471
v=v_elettrone : = 2682617.2753947
x0= : -6.0486824949645E-13
y0= : -4.6314813189615E-12
*****
i=33974
k(33974)=0.99999964839128
kQ(33974)=0.99999929678268
r1= : 4.6708713907644E-12
rpunto1 : = 251399.73645378
rduerpunti0 : = -1.0077832202258E+25
fil : = 488.38792743706
fipunto1 : = 5.7174457829291E+17
fi_gradi : = 27982.567007285
t1 : = 1.0809427405605E-14
tpunto1 : = 1.0003548537865
tduerpunti0 : = -65351099982347
v=v_elettrone : = 2682488.7473394
x0= : -6.0456153547262E-13
y0= : -4.6315513788032E-12
*****
i=33975
k(33975)=0.99999965168953
kQ(33975)=0.99999930337919
r1= : 4.6709008745969E-12
rpunto1 : = 250217.83531215
rduerpunti0 : = -1.0077714101822E+25
fil : = 488.38799449052
fipunto1 : = 5.7173736027297E+17
fi_gradi : = 27982.570849165
t1 : = 1.0809427522925E-14
tpunto1 : = 1.0003548461581
tduerpunti0 : = -65044474271109
v=v_elettrone : = 2682360.8160263
x0= : -6.0425480079844E-13
y0= : -4.6316212803696E-12
*****
i=33976
k(33976)=0.9999996549722
kQ(33976)=0.99999930994453
r1= : 4.6709302198177E-12
rpunto1 : = 249035.94795613
rduerpunti0 : = -1.0077596556063E+25
fil : = 488.38806154313
fipunto1 : = 5.7173017632301E+17
fi_gradi : = 27982.574690997
t1 : = 1.0809427640245E-14
tpunto1 : = 1.0003548385658
tduerpunti0 : = -64737863769795
v=v_elettrone : = 2682233.4770209
x0= : -6.039480454846E-13
y0= : -4.6316910236614E-12
```

```
*****
i=33977
k(33977)=0.9999996582393
kQ(33977)=0.99999931647871
r1= : 4.6709594264283E-12
rpunto1 : = 247854.07432067
rduepunti0 : = -1.0077479564944E+25
fil : = 488.3881285949
fipunto1 : = 5.7172302644073E+17
fi_gradi : = 27982.57853278
t1 : = 1.0809427757566E-14
tpunto1 : = 1.0003548310094
tduepunti0 : = -64431268406458
v=v_elettrone : = 2682106.7371413
x0= : -6.036412695423E-13
y0= : -4.6317606086791E-12
*****
i=33978
k(33978)=0.99999966149081
kQ(33978)=0.99999932298173
r1= : 4.6709884944303E-12
rpunto1 : = 246672.21434074
rduepunti0 : = -1.0077363128431E+25
fil : = 488.38819564582
fipunto1 : = 5.7171591062381E+17
fi_gradi : = 27982.582374515
t1 : = 1.0809427874886E-14
tpunto1 : = 1.0003548234889
tduepunti0 : = -64124688109156
v=v_elettrone : = 2681980.5896997
x0= : -6.0333447298198E-13
y0= : -4.6318300354235E-12
*****
i=33979
k(33979)=0.99999966472674
kQ(33979)=0.9999993294536
r1= : 4.6710174238252E-12
rpunto1 : = 245490.36795129
rduepunti0 : = -1.0077247246489E+25
fil : = 488.38826269592
fipunto1 : = 5.7170882886995E+17
fi_gradi : = 27982.586216203
t1 : = 1.0809427992206E-14
tpunto1 : = 1.0003548160044
tduepunti0 : = -63818122805958
v=v_elettrone : = 2681855.0392618
x0= : -6.0302765581485E-13
y0= : -4.6318993038949E-12
*****
i=33980
k(33980)=0.9999996679471
kQ(33980)=0.99999933589431
r1= : 4.6710462146148E-12
rpunto1 : = 244308.53508729
rduepunti0 : = -1.0077131919083E+25
fil : = 488.38832974518
fipunto1 : = 5.7170178117687E+17
fi_gradi : = 27982.590057843
t1 : = 1.0809428109526E-14
tpunto1 : = 1.0003548085558
tduepunti0 : = -63511572424942
v=v_elettrone : = 2681730.0836427
x0= : -6.0272081805158E-13
y0= : -4.6319684140942E-12
```

```
*****
i=33981
k(33981)=0.99999967115188
kQ(33981)=0.99999934230387
r1= : 4.6710748668006E-12
rpunto1: = 243126.71568371
rduepunti0 : = -1.0077017146178E+25
fil : = 488.38839679362
fipunto1 : = 5.7169476754229E+17
fi_gradi : = 27982.593899435
t1 : = 1.0809428226847E-14
tpunto1 : = 1.0003548011432
tduepunti0 : = -63205036894197
v=v_elettrone : = 2681605.7229068
x0= : -6.0241395970311E-13
y0= : -4.6320373660218E-12
*****
i=33982
k(33982)=0.99999967434108
kQ(33982)=0.99999934868227
r1= : 4.6711033803841E-12
rpunto1: = 241944.90967551
rduepunti0 : = -1.007690292774E+25
fil : = 488.38846384124
fipunto1 : = 5.7168778796394E+17
fi_gradi : = 27982.597740981
t1 : = 1.0809428344167E-14
tpunto1 : = 1.0003547937666
tduepunti0 : = -62898516141818
v=v_elettrone : = 2681481.9593716
x0= : -6.0210708078039E-13
y0= : -4.6321061596784E-12
*****
i=33983
k(33983)=0.99999967751471
kQ(33983)=0.99999935502952
r1= : 4.671131755367E-12
rpunto1: = 240763.11699768
rduepunti0 : = -1.0076789263734E+25
fil : = 488.38853088803
fipunto1 : = 5.7168084243956E+17
fi_gradi : = 27982.601582479
t1 : = 1.0809428461487E-14
tpunto1 : = 1.0003547864259
tduepunti0 : = -62592010095913
v=v_elettrone : = 2681358.7885941
x0= : -6.0180018129409E-13
y0= : -4.6321747950644E-12
*****
i=33984
k(33984)=0.99999968067276
kQ(33984)=0.99999936134562
r1= : 4.6711599917507E-12
rpunto1: = 239581.3375852
rduepunti0 : = -1.0076676154127E+25
fil : = 488.38859793402
fipunto1 : = 5.7167393096692E+17
fi_gradi : = 27982.605423931
t1 : = 1.0809428578808E-14
tpunto1 : = 1.0003547791211
tduepunti0 : = -62285518684596
v=v_elettrone : = 2681236.2151441
x0= : -6.014932612554E-13
y0= : -4.6322432721806E-12
```



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*****
i=33985
k(33985)=0.99999968381524
kQ(33985)=0.99999936763058
r1= : 4.671188089537E-12
rpunto1: = 238399.57137305
rduepunti0 : = -1.0076563598884E+25
fil : = 488.38866497919
fipunto1 : = 5.7166705354379E+17
fi_gradi : = 27982.609265336
t1 : = 1.0809428696128E-14
tpunto1 : = 1.0003547718523
tduepunti0 : = -61979041835991
v=v_elettrone : = 2681114.2390882
x0= : -6.0118632067498E-13
y0= : -4.6323115910273E-12
*****
i=33986
k(33986)=0.99999968694214
kQ(33986)=0.99999937388438
r1= : 4.6712160487272E-12
rpunto1: = 237217.81829622
rduepunti0 : = -1.0076451597972E+25
fil : = 488.38873202355
fipunto1 : = 5.7166021016793E+17
fi_gradi : = 27982.613106695
t1 : = 1.0809428813448E-14
tpunto1 : = 1.0003547646194
tduepunti0 : = -61672579478233
v=v_elettrone : = 2680992.8559784
x0= : -6.0087935956351E-13
y0= : -4.6323797516053E-12
*****
i=33987
k(33987)=0.99999969005347
kQ(33987)=0.99999938010704
r1= : 4.6712438693229E-12
rpunto1: = 236036.0782897
rduepunti0 : = -1.0076340151357E+25
fil : = 488.38879906712
fipunto1 : = 5.7165340083715E+17
fi_gradi : = 27982.616948009
t1 : = 1.0809428930769E-14
tpunto1 : = 1.0003547574225
tduepunti0 : = -61366131539463
v=v_elettrone : = 2680872.0703873
x0= : -6.0057237793217E-13
y0= : -4.6324477539149E-12
*****
i=33988
k(33988)=0.99999969314923
kQ(33988)=0.99999938629856
r1= : 4.6712715513258E-12
rpunto1: = 234854.35128849
rduepunti0 : = -1.0076229259005E+25
fil : = 488.38886610988
fipunto1 : = 5.7164662554923E+17
fi_gradi : = 27982.620789276
t1 : = 1.0809429048089E-14
tpunto1 : = 1.0003547502615
tduepunti0 : = -61059697947833
v=v_elettrone : = 2680751.8801217
x0= : -6.0026537579163E-13
y0= : -4.6325155979568E-12
```

```
*****
i=33989
k(33989)=0.99999969622942
kQ(33989)=0.99999939245893
r1= : 4.6712990947372E-12
rpunto1: = 233672.6372276
rduepunti0 : = -1.0076118920884E+25
fil : = 488.38893315185
fipunto1 : = 5.71639884302E+17
fi_gradi : = 27982.624630498
t1 : = 1.0809429165409E-14
tpunto1 : = 1.0003547431364
tduepunti0 : = -60753278631502
v=v_elettrone : = 2680632.287504
x0= : -5.9995835315278E-13
y0= : -4.6325832837314E-12
*****
i=33990
k(33990)=0.99999969929404
kQ(33990)=0.99999939858816
r1= : 4.6713264995588E-12
rpunto1: = 232490.93604202
rduepunti0 : = -1.0076009136959E+25
fil : = 488.38900019303
fipunto1 : = 5.7163317709328E+17
fi_gradi : = 27982.628471674
t1 : = 1.0809429282729E-14
tpunto1 : = 1.0003547360473
tduepunti0 : = -60446873518642
v=v_elettrone : = 2680513.2880773
x0= : -5.996513100263E-13
y0= : -4.6326508112394E-12
*****
i=33991
k(33991)=0.99999970234308
kQ(33991)=0.99999940468625
r1= : 4.671353765792E-12
rpunto1: = 231309.24766676
rduepunti0 : = -1.0075899907199E+25
fil : = 488.38906723342
fipunto1 : = 5.7162650392089E+17
fi_gradi : = 27982.632312806
t1 : = 1.080942940005E-14
tpunto1 : = 1.0003547289941
tduepunti0 : = -60140482537428
v=v_elettrone : = 2680394.8864206
x0= : -5.9934424642336E-13
y0= : -4.632718180481E-12
*****
i=33992
k(33992)=0.99999970537656
kQ(33992)=0.9999994107532
r1= : 4.6713808934383E-12
rpunto1: = 230127.57203684
rduepunti0 : = -1.0075791231569E+25
fil : = 488.38913427303
fipunto1 : = 5.7161986478268E+17
fi_gradi : = 27982.636153893
t1 : = 1.080942951737E-14
tpunto1 : = 1.0003547219768
tduepunti0 : = -59834105616049
v=v_elettrone : = 2680277.0803381
x0= : -5.9903716235461E-13
y0= : -4.632785391457E-12
```

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*****
i=33993
k(33993)=0.99999970839446
kQ(33993)=0.99999941678901
r1= : 4.6714078824993E-12
rpunto1 : = 228945.90908727
rduepunti0 : = -1.0075683110038E+25
fil : = 488.38920131186
fipunto1 : = 5.7161325967652E+17
fi_gradi : = 27982.639994935
t1 : = 1.080942963469E-14
tpunto1 : = 1.0003547149955
tduepunti0 : = -59527742682700
v=v_elettrone : = 2680159.8698904
x0= : -5.9873005783095E-13
y0= : -4.6328524441677E-12
*****
i=33994
k(33994)=0.9999997113968
kQ(33994)=0.99999942279369
r1= : 4.6714347329763E-12
rpunto1 : = 227764.25875307
rduepunti0 : = -1.0075575542574E+25
fil : = 488.38926834992
fipunto1 : = 5.7160668860026E+17
fi_gradi : = 27982.643835932
t1 : = 1.0809429752011E-14
tpunto1 : = 1.0003547080501
tduepunti0 : = -59221393665585
v=v_elettrone : = 2680043.2551358
x0= : -5.9842293286329E-13
y0= : -4.6329193386136E-12
*****
i=33995
k(33995)=0.99999971438357
kQ(33995)=0.99999942876723
r1= : 4.671461444871E-12
rpunto1 : = 226582.62096927
rduepunti0 : = -1.0075468529143E+25
fil : = 488.3893353872
fipunto1 : = 5.7160015155178E+17
fi_gradi : = 27982.647676886
t1 : = 1.0809429869331E-14
tpunto1 : = 1.0003547011406
tduepunti0 : = -58915058492917
v=v_elettrone : = 2679927.2383973
x0= : -5.9811578746254E-13
y0= : -4.6329860747951E-12
*****
i=33996
k(33996)=0.99999971735478
kQ(33996)=0.99999943470964
r1= : 4.6714880181847E-12
rpunto1 : = 225400.99567089
rduepunti0 : = -1.0075362069714E+25
fil : = 488.38940242372
fipunto1 : = 5.7159364852898E+17
fi_gradi : = 27982.651517796
t1 : = 1.0809429986651E-14
tpunto1 : = 1.000354694267
tduepunti0 : = -58608737092919
v=v_elettrone : = 2679811.8174717
x0= : -5.9780862163932E-13
y0= : -4.6330526527129E-12
```

```
*****
i=33997
k(33997)=0.99999972031042
kQ(33997)=0.99999944062091
r1= : 4.6715144529189E-12
rpunto1: = 224219.38279296
rduerpunti0 : = -1.0075256164254E+25
fil : = 488.38946945948
fipunto1 : = 5.7158717952975E+17
fi_gradi : = 27982.655358661
t1 : = 1.0809430103972E-14
tpunto1 : = 1.0003546874294
tduerpunti0 : = -58302429393819
v=v_elettrone : = 2679696.9924218
x0= : -5.9750143540455E-13
y0= : -4.6331190723672E-12
*****
i=33998
k(33998)=0.99999972325049
kQ(33998)=0.99999944650106
r1= : 4.6715407490752E-12
rpunto1: = 223037.78227053
rduerpunti0 : = -1.0075150812733E+25
fil : = 488.38953649447
fipunto1 : = 5.71580744552E+17
fi_gradi : = 27982.659199484
t1 : = 1.0809430221292E-14
tpunto1 : = 1.0003546806277
tduerpunti0 : = -57996135323857
v=v_elettrone : = 2679582.7633094
x0= : -5.9719422876911E-13
y0= : -4.6331853337586E-12
*****
i=33999
k(33999)=0.999999726175
kQ(33999)=0.99999945235007
r1= : 4.6715669066548E-12
rpunto1: = 221856.19403862
rduerpunti0 : = -1.0075046015117E+25
fil : = 488.38960352872
fipunto1 : = 5.7157434359366E+17
fi_gradi : = 27982.663040263
t1 : = 1.0809430338612E-14
tpunto1 : = 1.0003546738619
tduerpunti0 : = -57689854811280
v=v_elettrone : = 2679469.1324474
x0= : -5.9688700174389E-13
y0= : -4.6332514368874E-12
*****
i=34000
k(34000)=0.99999972908394
kQ(34000)=0.99999945816795
r1= : 4.6715929256594E-12
rpunto1: = 220674.61803228
rduerpunti0 : = -1.0074941771377E+25
fil : = 488.38967056221
fipunto1 : = 5.7156797665266E+17
fi_gradi : = 27982.666880999
t1 : = 1.0809430455932E-14
tpunto1 : = 1.000354667132
tduerpunti0 : = -57383587784343
v=v_elettrone : = 2679356.0953817
x0= : -5.9657975433953E-13
y0= : -4.6333173817541E-12
```