

```
*****
i=34001
k(34001)=0.99999973197732
kQ(34001)=0.99999946395471
r1= : 4.6716188060903E-12
rpunto1 : = 219493.05418656
rduerpunti0 : = -1.0074838081479E+25
fil : = 488.38973759496
fipunto1 : = 5.7156164372694E+17
fi_gradi : = 27982.670721693
t1 : = 1.0809430573252E-14
tpunto1 : = 1.000354660438
tduerpunti0 : = -57077334171310
v=v_elettrone : = 2679243.6566863
x0= : -5.9627248656296E-13
y0= : -4.6333831683597E-12
*****
i=34002
k(34002)=0.99999973485514
kQ(34002)=0.99999946971034
r1= : 4.6716445479488E-12
rpunto1 : = 218311.5024365
rduerpunti0 : = -1.0074734945394E+25
fil : = 488.38980462696
fipunto1 : = 5.7155534481446E+17
fi_gradi : = 27982.674562344
t1 : = 1.0809430690573E-14
tpunto1 : = 1.00035465378
tduerpunti0 : = -56771093900456
v=v_elettrone : = 2679131.814162
x0= : -5.9596519843322E-13
y0= : -4.6334487967034E-12
*****
i=34003
k(34003)=0.99999973771739
kQ(34003)=0.99999947543485
r1= : 4.6716701512366E-12
rpunto1 : = 217129.96271716
rduerpunti0 : = -1.0074632363091E+25
fil : = 488.38987165822
fipunto1 : = 5.7154907991317E+17
fi_gradi : = 27982.678402952
t1 : = 1.0809430807893E-14
tpunto1 : = 1.0003546471579
tduerpunti0 : = -56464866900058
v=v_elettrone : = 2679020.5678661
x0= : -5.9565788995699E-13
y0= : -4.6335142667863E-12
*****
i=34004
k(34004)=0.99999974056408
kQ(34004)=0.99999948112823
r1= : 4.6716956159549E-12
rpunto1 : = 215948.43496359
rduerpunti0 : = -1.0074530334538E+25
fil : = 488.38993868875
fipunto1 : = 5.7154284902107E+17
fi_gradi : = 27982.682243519
t1 : = 1.0809430925213E-14
tpunto1 : = 1.0003546405717
tduerpunti0 : = -56158653098408
v=v_elettrone : = 2678909.9201134
x0= : -5.9535056114515E-13
y0= : -4.6335795786086E-12
```

```
*****
i=34005
k(34005)=0.99999974339521
kQ(34005)=0.99999948679049
r1= : 4.6717209421052E-12
rpunto1 : = 214766.91911086
rduerpunti0 : = -1.0074428859705E+25
fil : = 488.39000571855
fipunto1 : = 5.7153665213614E+17
fi_gradi : = 27982.686084043
t1 : = 1.0809431042533E-14
tpunto1 : = 1.0003546340214
tduepunti0 : = -55852452423801
v=v_elettrone : = 2678799.8664489
x0= : -5.9504321200831E-13
y0= : -4.6336447321709E-12
*****
i=34006
k(34006)=0.99999974621078
kQ(34006)=0.99999949242163
r1= : 4.6717461296888E-12
rpunto1 : = 213585.41509403
rduerpunti0 : = -1.0074327938562E+25
fil : = 488.39007274762
fipunto1 : = 5.7153048925638E+17
fi_gradi : = 27982.689924526
t1 : = 1.0809431159854E-14
tpunto1 : = 1.000354627507
tduepunti0 : = -55546264804543
v=v_elettrone : = 2678690.411441
x0= : -5.9473584255761E-13
y0= : -4.6337097274734E-12
*****
i=34007
k(34007)=0.99999974901079
kQ(34007)=0.99999949802165
r1= : 4.6717711787072E-12
rpunto1 : = 212403.92284817
rduerpunti0 : = -1.0074227571078E+25
fil : = 488.39013977597
fipunto1 : = 5.7152436037979E+17
fi_gradi : = 27982.693764968
t1 : = 1.0809431277174E-14
tpunto1 : = 1.0003546210285
tduepunti0 : = -55240090168948
v=v_elettrone : = 2678581.5506354
x0= : -5.9442845280365E-13
y0= : -4.6337745645165E-12
*****
i=34008
k(34008)=0.99999975179524
kQ(34008)=0.99999950359055
r1= : 4.6717960891618E-12
rpunto1 : = 211222.44230835
rduerpunti0 : = -1.0074127757222E+25
fil : = 488.3902068036
fipunto1 : = 5.715182655044E+17
fi_gradi : = 27982.697605368
t1 : = 1.0809431394494E-14
tpunto1 : = 1.0003546145859
tduepunti0 : = -54933928445337
v=v_elettrone : = 2678473.288598
x0= : -5.9412104275757E-13
y0= : -4.6338392433005E-12
```

```
*****
i=34009
k(34009)=0.99999975456414
kQ(34009)=0.99999950912833
r1= : 4.6718208610538E-12
rpunto1 : = 210040.97340964
rduepunti0 : = -1.0074028496966E+25
fil : = 488.39027383052
fipunto1 : = 5.7151220462824E+17
fi_gradi : = 27982.701445727
t1 : = 1.0809431511815E-14
tpunto1 : = 1.0003546081792
tduepunti0 : = -54627779562040
v=v_elettrone : = 2678365.6253952
x0= : -5.9381361242998E-13
y0= : -4.6339037638259E-12
*****
i=34010
k(34010)=0.99999975731747
kQ(34010)=0.999999514635
r1= : 4.6718454943847E-12
rpunto1 : = 208859.51608712
rduepunti0 : = -1.0073929790279E+25
fil : = 488.39034085672
fipunto1 : = 5.7150617774935E+17
fi_gradi : = 27982.705286046
t1 : = 1.0809431629135E-14
tpunto1 : = 1.0003546018085
tduepunti0 : = -54321643447394
v=v_elettrone : = 2678258.5565566
x0= : -5.9350616183147E-13
y0= : -4.633968126093E-12
*****
i=34011
k(34011)=0.99999976005525
kQ(34011)=0.99999952011055
r1= : 4.6718699891558E-12
rpunto1 : = 207678.07027587
rduepunti0 : = -1.0073831637132E+25
fil : = 488.39040788222
fipunto1 : = 5.7150018486579E+17
fi_gradi : = 27982.709126324
t1 : = 1.0809431746455E-14
tpunto1 : = 1.0003545954736
tduepunti0 : = -54015520029745
v=v_elettrone : = 2678152.0844033
x0= : -5.9319869097316E-13
y0= : -4.634032330102E-12
*****
i=34012
k(34012)=0.99999976277747
kQ(34012)=0.99999952555499
r1= : 4.6718943453685E-12
rpunto1 : = 206496.63591098
rduepunti0 : = -1.0073734037495E+25
fil : = 488.39047490701
fipunto1 : = 5.7149422597563E+17
fi_gradi : = 27982.712966562
t1 : = 1.0809431863775E-14
tpunto1 : = 1.0003545891746
tduepunti0 : = -53709409237446
v=v_elettrone : = 2678046.2112431
x0= : -5.9289119986593E-13
y0= : -4.6340963758533E-12
```

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*****
i=34013
k(34013)=0.99999976548413
kQ(34013)=0.99999953096832
r1= : 4.6719185630242E-12
rpunto1: = 205315.21292754
rduepunti0 : = -1.0073636991339E+25
fil : = 488.39054193111
fipunto1 : = 5.7148830107693E+17
fi_gradi : = 27982.71680676
t1 : = 1.0809431981096E-14
tpunto1 : = 1.0003545829115
tduepunti0 : = -53403310998858
v=v_elettrone : = 2677940.9348784
x0= : -5.9258368852035E-13
y0= : -4.6341602633472E-12
*****
i=34014
k(34014)=0.99999976817524
kQ(34014)=0.99999953635053
r1= : 4.6719426421241E-12
rpunto1: = 204133.80126064
rduepunti0 : = -1.0073540498634E+25
fil : = 488.39060895451
fipunto1 : = 5.7148241016778E+17
fi_gradi : = 27982.720646918
t1 : = 1.0809432098416E-14
tpunto1 : = 1.0003545766844
tduepunti0 : = -53097225242351
v=v_elettrone : = 2677836.2531017
x0= : -5.9227615694729E-13
y0= : -4.6342239925841E-12
*****
i=34015
k(34015)=0.99999977085079
kQ(34015)=0.99999954170164
r1= : 4.6719665826696E-12
rpunto1: = 202952.40084536
rduepunti0 : = -1.0073444559352E+25
fil : = 488.39067597722
fipunto1 : = 5.714765532463E+17
fi_gradi : = 27982.724487036
t1 : = 1.0809432215736E-14
tpunto1 : = 1.0003545704931
tduepunti0 : = -52791151896302
v=v_elettrone : = 2677732.1704863
x0= : -5.9196860515786E-13
y0= : -4.6342875635641E-12
*****
i=34016
k(34016)=0.99999977351079
kQ(34016)=0.99999954702163
r1= : 4.6719903846619E-12
rpunto1: = 201771.01161683
rduepunti0 : = -1.0073349173465E+25
fil : = 488.39074299924
fipunto1 : = 5.7147073031057E+17
fi_gradi : = 27982.728327115
t1 : = 1.0809432333057E-14
tpunto1 : = 1.0003545643377
tduepunti0 : = -52485090889094
v=v_elettrone : = 2677628.684825
x0= : -5.9166103316265E-13
y0= : -4.6343509762876E-12
```

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*****
i=34017
k(34017)=0.99999977615523
kQ(34017)=0.99999955231052
r1= : 4.6720140481025E-12
rpunto1: = 200589.63351012
rduerpunti0 : = -1.0073254340942E+25
fil : = 488.39081002059
fipunto1 : = 5.7146494135872E+17
fi_gradi : = 27982.732167155
t1 : = 1.0809432450377E-14
tpunto1 : = 1.0003545582182
tduerpunti0 : = -52179042149120
v=v_elettrone : = 2677525.7984341
x0= : -5.913534409725E-13
y0= : -4.6344142307549E-12
*****
i=34018
k(34018)=0.99999977878413
kQ(34018)=0.9999995575683
r1= : 4.6720375729926E-12
rpunto1: = 199408.26646036
rduerpunti0 : = -1.0073160061757E+25
fil : = 488.39087704125
fipunto1 : = 5.7145918638889E+17
fi_gradi : = 27982.736007156
t1 : = 1.0809432567697E-14
tpunto1 : = 1.0003545521346
tduerpunti0 : = -51873005604781
v=v_elettrone : = 2677423.5068463
x0= : -5.9104582859799E-13
y0= : -4.6344773269663E-12
*****
i=34019
k(34019)=0.99999978139746
kQ(34019)=0.99999956279497
r1= : 4.6720609593336E-12
rpunto1: = 198226.91040264
rduerpunti0 : = -1.007306633588E+25
fil : = 488.39094406123
fipunto1 : = 5.7145346539922E+17
fi_gradi : = 27982.739847119
t1 : = 1.0809432685017E-14
tpunto1 : = 1.0003545460869
tduerpunti0 : = -51566981184483
v=v_elettrone : = 2677321.8123765
x0= : -5.9073819605023E-13
y0= : -4.6345402649219E-12
*****
i=34020
k(34020)=0.99999978399525
kQ(34020)=0.99999956799055
r1= : 4.6720842071266E-12
rpunto1: = 197045.56527209
rduerpunti0 : = -1.0072973163283E+25
fil : = 488.39101108055
fipunto1 : = 5.7144777838785E+17
fi_gradi : = 27982.743687043
t1 : = 1.0809432802338E-14
tpunto1 : = 1.0003545400751
tduerpunti0 : = -51260968816641
v=v_elettrone : = 2677220.7173365
x0= : -5.9043054334006E-13
y0= : -4.6346030446221E-12
```

```
*****
i=34021
k(34021)=0.99999978657748
kQ(34021)=0.99999957315501
r1= : 4.672107316373E-12
rpunto1 : = 195864.23100381
rduepunti0 : = -1.0072880543939E+25
fil : = 488.3910780992
fipunto1 : = 5.7144212535295E+17
fi_gradi : = 27982.747526928
t1 : = 1.0809432919658E-14
tpunto1 : = 1.0003545340992
tduepunti0 : = -50954968429679
v=v_elettrone : = 2677120.2172569
x0= : -5.9012287047805E-13
y0= : -4.634665666067E-12
*****
i=34022
k(34022)=0.99999978914417
kQ(34022)=0.99999957828838
r1= : 4.6721302870741E-12
rpunto1 : = 194682.90753292
rduepunti0 : = -1.0072788477819E+25
fil : = 488.39114511718
fipunto1 : = 5.7143650629271E+17
fi_gradi : = 27982.751366776
t1 : = 1.0809433036978E-14
tpunto1 : = 1.0003545281591
tduepunti0 : = -50648979952025
v=v_elettrone : = 2677020.316715
x0= : -5.8981517747531E-13
y0= : -4.634728129257E-12
*****
i=34023
k(34023)=0.9999997916953
kQ(34023)=0.99999958339064
r1= : 4.6721531192311E-12
rpunto1 : = 193501.59479455
rduepunti0 : = -1.0072696964897E+25
fil : = 488.39121213451
fipunto1 : = 5.7143092120529E+17
fi_gradi : = 27982.755206586
t1 : = 1.0809433154298E-14
tpunto1 : = 1.000354522255
tduepunti0 : = -50343003312118
v=v_elettrone : = 2676921.0134937
x0= : -5.8950746434239E-13
y0= : -4.6347904341922E-12
*****
i=34024
k(34024)=0.99999979423088
kQ(34024)=0.99999958846181
r1= : 4.6721758128453E-12
rpunto1 : = 192320.29272383
rduepunti0 : = -1.0072606005144E+25
fil : = 488.39127915118
fipunto1 : = 5.7142537008891E+17
fi_gradi : = 27982.759046358
t1 : = 1.0809433271619E-14
tpunto1 : = 1.0003545163867
tduepunti0 : = -50037038438402
v=v_elettrone : = 2676822.3076575
x0= : -5.8919973109013E-13
y0= : -4.6348525808729E-12
```

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*****
i=34025
k(34025)=0.99999979675092
kQ(34025)=0.99999959350188
r1= : 4.6721983679179E-12
rpunto1 : = 191139.00125587
rduepunti0 : = -1.0072515598533E+25
fil : = 488.3913461672
fipunto1 : = 5.7141985294176E+17
fi_gradi : = 27982.762886094
t1 : = 1.0809433388939E-14
tpunto1 : = 1.0003545105543
tduepunti0 : = -49731085259329
v=v_elettrone : = 2676724.1992473
x0= : -5.8889197772935E-13
y0= : -4.6349145692993E-12
*****
i=34026
k(34026)=0.9999997992554
kQ(34026)=0.99999959851084
r1= : 4.6722207844503E-12
rpunto1 : = 189957.72032581
rduepunti0 : = -1.0072425745038E+25
fil : = 488.39141318258
fipunto1 : = 5.7141436976207E+17
fi_gradi : = 27982.766725792
t1 : = 1.0809433506259E-14
tpunto1 : = 1.0003545047578
tduepunti0 : = -49425143703359
v=v_elettrone : = 2676626.6883178
x0= : -5.8858420427089E-13
y0= : -4.6349763994715E-12
*****
i=34027
k(34027)=0.99999980174434
kQ(34027)=0.99999960348872
r1= : 4.6722430624435E-12
rpunto1 : = 188776.44986879
rduepunti0 : = -1.007233644463E+25
fil : = 488.39148019731
fipunto1 : = 5.7140892054807E+17
fi_gradi : = 27982.770565453
t1 : = 1.080943362358E-14
tpunto1 : = 1.0003544989971
tduepunti0 : = -49119213698957
v=v_elettrone : = 2676529.7749221
x0= : -5.8827641072556E-13
y0= : -4.6350380713898E-12
*****
i=34028
k(34028)=0.99999980421773
kQ(34028)=0.99999960843549
r1= : 4.6722652018989E-12
rpunto1 : = 187595.18981993
rduepunti0 : = -1.0072247697284E+25
fil : = 488.3915472114
fipunto1 : = 5.7140350529799E+17
fi_gradi : = 27982.774405077
t1 : = 1.08094337409E-14
tpunto1 : = 1.0003544932724
tduepunti0 : = -48813295174598
v=v_elettrone : = 2676433.4591054
x0= : -5.8796859710418E-13
y0= : -4.6350995850543E-12
```

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*****
i=34029
k(34029)=0.99999980667557
kQ(34029)=0.99999961335118
r1= : 4.6722872028176E-12
rpunto1 : = 186413.9401144
rduepunti0 : = -1.0072159502973E+25
fil : = 488.39161422486
fipunto1 : = 5.713981240101E+17
fi_gradi : = 27982.778244666
t1 : = 1.080943385822E-14
tpunto1 : = 1.0003544875835
tduepunti0 : = -48507388058763
v=v_elettrone : = 2676337.7431856
x0= : -5.8766076341757E-13
y0= : -4.6351609404652E-12
*****
i=34030
k(34030)=0.99999980911786
kQ(34030)=0.99999961823577
r1= : 4.6723090652009E-12
rpunto1 : = 185232.70068732
rduepunti0 : = -1.007207186167E+25
fil : = 488.39168123768
fipunto1 : = 5.7139277668265E+17
fi_gradi : = 27982.782084218
t1 : = 1.080943397554E-14
tpunto1 : = 1.0003544819305
tduepunti0 : = -48201492279939
v=v_elettrone : = 2676242.6226847
x0= : -5.8735290967629E-13
y0= : -4.6352221376227E-12
*****
i=34031
k(34031)=0.99999981154461
kQ(34031)=0.99999962308926
r1= : 4.67233078905E-12
rpunto1 : = 184051.47147384
rduepunti0 : = -1.0071984773349E+25
fil : = 488.39174824988
fipunto1 : = 5.7138746331391E+17
fi_gradi : = 27982.785923734
t1 : = 1.0809434092861E-14
tpunto1 : = 1.0003544763133
tduepunti0 : = -47895607766622
v=v_elettrone : = 2676148.0999152
x0= : -5.870450358914E-13
y0= : -4.635283176527E-12
*****
i=34032
k(34032)=0.99999981395582
kQ(34032)=0.99999962791167
r1= : 4.6723523743661E-12
rpunto1 : = 182870.25240912
rduepunti0 : = -1.0071898237984E+25
fil : = 488.39181526145
fipunto1 : = 5.7138218390218E+17
fi_gradi : = 27982.789763214
t1 : = 1.0809434210181E-14
tpunto1 : = 1.0003544707321
tduepunti0 : = -47589734447314
v=v_elettrone : = 2676054.1771889
x0= : -5.8673714207373E-13
y0= : -4.635344057178E-12
```



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*****
i=34033
k(34033)=0.99999981635148
kQ(34033)=0.99999963270299
r1= : 4.6723738211503E-12
rpunto1: = 181689.04342831
rduepunti0 : = -1.0071812255549E+25
fil : = 488.39188227241
fipunto1 : = 5.7137693844574E+17
fi_gradi : = 27982.793602659
t1 : = 1.0809434327501E-14
tpunto1 : = 1.0003544651867
tduepunti0 : = -47283872250523
v=v_elettrone : = 2675960.852292
x0= : -5.8642922823381E-13
y0= : -4.6354047795762E-12
*****
i=34034
k(34034)=0.99999981873159
kQ(34034)=0.99999963746321
r1= : 4.6723951294039E-12
rpunto1: = 180507.84446656
rduepunti0 : = -1.0071726826017E+25
fil : = 488.39194928275
fipunto1 : = 5.713717269429E+17
fi_gradi : = 27982.797442069
t1 : = 1.0809434444821E-14
tpunto1 : = 1.0003544596772
tduepunti0 : = -46978021104765
v=v_elettrone : = 2675868.1230136
x0= : -5.8612129438246E-13
y0= : -4.6354653437214E-12
*****
i=34035
k(34035)=0.99999982109616
kQ(34035)=0.99999964219235
r1= : 4.6724162991281E-12
rpunto1: = 179326.65545903
rduepunti0 : = -1.0071641949364E+25
fil : = 488.39201629248
fipunto1 : = 5.7136654939199E+17
fi_gradi : = 27982.801281444
t1 : = 1.0809434562142E-14
tpunto1 : = 1.0003544542035
tduepunti0 : = -46672180938564
v=v_elettrone : = 2675775.9939227
x0= : -5.8581334053073E-13
y0= : -4.635525749614E-12
*****
i=34036
k(34036)=0.99999982344519
kQ(34036)=0.99999964689041
r1= : 4.6724373303239E-12
rpunto1: = 178145.47634089
rduepunti0 : = -1.0071557625564E+25
fil : = 488.3920833016
fipunto1 : = 5.7136140579132E+17
fi_gradi : = 27982.805120784
t1 : = 1.0809434679462E-14
tpunto1 : = 1.0003544487657
tduepunti0 : = -46366351680449
v=v_elettrone : = 2675684.4628088
x0= : -5.8550536668917E-13
y0= : -4.6355859972539E-12
```

```
*****
i=34037
k(34037)=0.99999982577867
kQ(34037)=0.99999965155737
r1= : 4.6724582229926E-12
rpunto1: = 176964.3070473
rduepunti0 : = -1.0071473854592E+25
fil : = 488.39215031012
fipunto1 : = 5.7135629613924E+17
fi_gradi : = 27982.808960089
t1 : = 1.0809434796782E-14
tpunto1 : = 1.0003544433638
tduepunti0 : = -46060533258956
v=v_elettrone : = 2675593.5274546
x0= : -5.8519737286857E-13
y0= : -4.6356460866412E-12
*****
i=34038
k(34038)=0.99999982809661
kQ(34038)=0.99999965619325
r1= : 4.6724789771353E-12
rpunto1: = 175783.14751343
rduepunti0 : = -1.0071390636422E+25
fil : = 488.39221731804
fipunto1 : = 5.7135122043411E+17
fi_gradi : = 27982.81279936
t1 : = 1.0809434914102E-14
tpunto1 : = 1.0003544379978
tduepunti0 : = -45754725602629
v=v_elettrone : = 2675503.1924312
x0= : -5.8488935908001E-13
y0= : -4.6357060177762E-12
*****
i=34039
k(34039)=0.99999983039901
kQ(34039)=0.99999966079805
r1= : 4.6724995927532E-12
rpunto1: = 174601.99767445
rduepunti0 : = -1.007130797103E+25
fil : = 488.39228432537
fipunto1 : = 5.7134617867427E+17
fi_gradi : = 27982.816638597
t1 : = 1.0809435031423E-14
tpunto1 : = 1.0003544326676
tduepunti0 : = -45448928640017
v=v_elettrone : = 2675413.4555283
x0= : -5.8458132533399E-13
y0= : -4.6357657906588E-12
*****
i=34040
k(34040)=0.99999983268587
kQ(34040)=0.99999966537177
r1= : 4.6725200698473E-12
rpunto1: = 173420.85746552
rduepunti0 : = -1.0071225858391E+25
fil : = 488.3923513321
fipunto1 : = 5.7134117085811E+17
fi_gradi : = 27982.8204778
t1 : = 1.0809435148743E-14
tpunto1 : = 1.0003544273732
tduepunti0 : = -45143142299676
v=v_elettrone : = 2675324.3167892
x0= : -5.8427327164133E-13
y0= : -4.6358254052891E-12
```

```
*****
i=34041
k(34041)=0.99999983495719
kQ(34041)=0.9999996699144
r1= : 4.6725404084189E-12
rpunto1: = 172239.72682184
rduepunti0 : = -1.0071144298479E+25
fil : = 488.39241833825
fipunto1 : = 5.7133619698401E+17
fi_gradi : = 27982.824316969
t1 : = 1.0809435266063E-14
tpunto1 : = 1.0003544221148
tduepunti0 : = -44837366510171
v=v_elettrone : = 2675235.7762581
x0= : -5.8396519801281E-13
y0= : -4.6358848616673E-12
*****
i=34042
k(34042)=0.99999983721296
kQ(34042)=0.99999967442595
r1= : 4.672560608469E-12
rpunto1: = 171058.60567858
rduepunti0 : = -1.0071063291272E+25
fil : = 488.39248534381
fipunto1 : = 5.7133125705035E+17
fi_gradi : = 27982.828156105
t1 : = 1.0809435383383E-14
tpunto1 : = 1.0003544168922
tduepunti0 : = -44531601200070
v=v_elettrone : = 2675147.833987
x0= : -5.8365710445922E-13
y0= : -4.6359441597933E-12
*****
i=34043
k(34043)=0.9999998394532
kQ(34043)=0.99999967890643
r1= : 4.6725806699987E-12
rpunto1: = 169877.49397092
rduepunti0 : = -1.0070982836743E+25
fil : = 488.39255234879
fipunto1 : = 5.7132635105556E+17
fi_gradi : = 27982.831995208
t1 : = 1.0809435500704E-14
tpunto1 : = 1.0003544117054
tduepunti0 : = -44225846297949
v=v_elettrone : = 2675060.4900173
x0= : -5.8334899099134E-13
y0= : -4.6360032996672E-12
*****
i=34044
k(34044)=0.9999998416779
kQ(34044)=0.99999968335582
r1= : 4.6726005930092E-12
rpunto1: = 168696.39163405
rduepunti0 : = -1.007090293487E+25
fil : = 488.3926193532
fipunto1 : = 5.7132147899804E+17
fi_gradi : = 27982.835834278
t1 : = 1.0809435618024E-14
tpunto1 : = 1.0003544065545
tduepunti0 : = -43920101732392
v=v_elettrone : = 2674973.744399
x0= : -5.8304085761995E-13
y0= : -4.6360622812891E-12
```

```
*****
i=34045
k(34045)=0.99999984388706
kQ(34045)=0.99999968777414
r1= : 4.6726203775016E-12
rpunto1 : = 167515.29860315
rduepunti0 : = -1.0070823585628E+25
fil : = 488.39268635704
fipunto1 : = 5.7131664087621E+17
fi_gradi : = 27982.839673315
t1 : = 1.0809435735344E-14
tpunto1 : = 1.0003544014395
tduepunti0 : = -43614367431987
v=v_elettrone : = 2674887.5971709
x0= : -5.8273270435584E-13
y0= : -4.636121104659E-12
*****
i=34046
k(34046)=0.99999984608068
kQ(34046)=0.99999969216138
r1= : 4.6726400234769E-12
rpunto1 : = 166334.21481342
rduepunti0 : = -1.0070744788993E+25
fil : = 488.3927533603
fipunto1 : = 5.7131183668853E+17
fi_gradi : = 27982.843512319
t1 : = 1.0809435852665E-14
tpunto1 : = 1.0003543963603
tduepunti0 : = -43308643325330
v=v_elettrone : = 2674802.0483851
x0= : -5.8242453120979E-13
y0= : -4.6361797697769E-12
*****
i=34047
k(34047)=0.99999984825876
kQ(34047)=0.99999969651754
r1= : 4.6726595309363E-12
rpunto1 : = 165153.14020005
rduepunti0 : = -1.0070666544942E+25
fil : = 488.39282036301
fipunto1 : = 5.7130706643343E+17
fi_gradi : = 27982.847351291
t1 : = 1.0809435969985E-14
tpunto1 : = 1.000354391317
tduepunti0 : = -43002929341022
v=v_elettrone : = 2674717.0980821
x0= : -5.8211633819258E-13
y0= : -4.6362382766428E-12
*****
i=34048
k(34048)=0.9999998504213
kQ(34048)=0.99999970084263
r1= : 4.6726788998808E-12
rpunto1 : = 163972.07469824
rduepunti0 : = -1.0070588853452E+25
fil : = 488.39288736516
fipunto1 : = 5.7130233010939E+17
fi_gradi : = 27982.851190232
t1 : = 1.0809436087305E-14
tpunto1 : = 1.0003543863095
tduepunti0 : = -42697225407672
v=v_elettrone : = 2674632.7463056
x0= : -5.8180812531496E-13
y0= : -4.6362966252568E-12
```

```
*****
i=34049
k(34049)=0.99999985256831
kQ(34049)=0.99999970513665
r1= : 4.6726981303115E-12
rpunto1 : = 162791.01824318
rduepunti0 : = -1.0070511714498E+25
fil : = 488.39295436675
fipunto1 : = 5.7129762771486E+17
fi_gradi : = 27982.85502914
t1 : = 1.0809436204625E-14
tpunto1 : = 1.0003543813379
tduepunti0 : = -42391531453893
v=v_elettrone : = 2674548.993104
x0= : -5.8149989258773E-13
y0= : -4.6363548156188E-12
*****
i=34050
k(34050)=0.99999985469978
kQ(34050)=0.99999970939959
r1= : 4.6727172222294E-12
rpunto1 : = 161609.97077008
rduepunti0 : = -1.0070435128059E+25
fil : = 488.39302136779
fipunto1 : = 5.7129295924833E+17
fi_gradi : = 27982.858868017
t1 : = 1.0809436321946E-14
tpunto1 : = 1.0003543764021
tduepunti0 : = -42085847408308
v=v_elettrone : = 2674465.8385174
x0= : -5.8119164002165E-13
y0= : -4.6364128477289E-12
*****
i=34051
k(34051)=0.99999985681572
kQ(34051)=0.99999971363146
r1= : 4.6727361756356E-12
rpunto1 : = 160428.93221414
rduepunti0 : = -1.007035909411E+25
fil : = 488.39308836828
fipunto1 : = 5.712883247083E+17
fi_gradi : = 27982.862706862
t1 : = 1.0809436439266E-14
tpunto1 : = 1.0003543715022
tduepunti0 : = -41780173199541
v=v_elettrone : = 2674383.2825883
x0= : -5.8088336762749E-13
y0= : -4.6364707215869E-12
*****
i=34052
k(34052)=0.99999985891612
kQ(34052)=0.99999971783226
r1= : 4.6727549905311E-12
rpunto1 : = 159247.90251058
rduepunti0 : = -1.0070283612629E+25
fil : = 488.39315536823
fipunto1 : = 5.7128372409326E+17
fi_gradi : = 27982.866545677
t1 : = 1.0809436556586E-14
tpunto1 : = 1.0003543666381
tduepunti0 : = -41474508756226
v=v_elettrone : = 2674301.3253625
x0= : -5.8057507541601E-13
y0= : -4.636528437193E-12
```

```
*****
i=34053
k(34053)=0.99999986100098
kQ(34053)=0.99999972200199
r1= : 4.672773666917E-12
rpunto1: = 158066.88159459
rduerpunti0 : = -1.0070208683594E+25
fil : = 488.39322236764
fipunto1 : = 5.7127915740174E+17
fi_gradi : = 27982.87038446
t1 : = 1.0809436673906E-14
tpunto1 : = 1.0003543618099
tduerpunti0 : = -41168854007002
v=v_elettrone : = 2674219.9668843
x0= : -5.8026676339797E-13
y0= : -4.636585994547E-12
*****
i=34054
k(34054)=0.99999986307031
kQ(34054)=0.99999972614065
r1= : 4.6727922047944E-12
rpunto1: = 156885.86940139
rduerpunti0 : = -1.0070134306981E+25
fil : = 488.39328936651
fipunto1 : = 5.7127462463225E+17
fi_gradi : = 27982.874223213
t1 : = 1.0809436791227E-14
tpunto1 : = 1.0003543570175
tduerpunti0 : = -40863208880513
v=v_elettrone : = 2674139.2071919
x0= : -5.7995843158415E-13
y0= : -4.6366433936489E-12
*****
i=34055
k(34055)=0.99999986512411
kQ(34055)=0.99999973024824
r1= : 4.6728106041641E-12
rpunto1: = 155704.8658662
rduerpunti0 : = -1.0070060482769E+25
fil : = 488.39335636485
fipunto1 : = 5.7127012578334E+17
fi_gradi : = 27982.878061935
t1 : = 1.0809436908547E-14
tpunto1 : = 1.000354352261
tduerpunti0 : = -40557573305412
v=v_elettrone : = 2674059.0485908
x0= : -5.7965007998529E-13
y0= : -4.6367006344986E-12
*****
i=34056
k(34056)=0.99999986716237
kQ(34056)=0.99999973432476
r1= : 4.6728288650273E-12
rpunto1: = 154523.87092423
rduerpunti0 : = -1.0069987210936E+25
fil : = 488.39342336266
fipunto1 : = 5.7126566085356E+17
fi_gradi : = 27982.881900627
t1 : = 1.0809437025867E-14
tpunto1 : = 1.0003543475403
tduerpunti0 : = -40251947210353
v=v_elettrone : = 2673979.4866022
x0= : -5.7934170861189E-13
y0= : -4.6367577170962E-12
```

```
*****
i=34057
k(34057)=0.9999998691851
kQ(34057)=0.99999973837022
r1= : 4.672846987385E-12
rpunto1: = 153342.88451071
rduepunti0 : = -1.0069914491459E+25
fil : = 488.39349035995
fipunto1 : = 5.7126122984145E+17
fi_gradi : = 27982.885739289
t1 : = 1.0809437143187E-14
tpunto1 : = 1.0003543428554
tduepunti0 : = -39946330524001
v=v_elettrone : = 2673900.5235251
x0= : -5.7903331747497E-13
y0= : -4.6368146414415E-12
*****
i=34058
k(34058)=0.9999998711923
kQ(34058)=0.99999974238461
r1= : 4.6728649712381E-12
rpunto1: = 152161.90656086
rduepunti0 : = -1.0069842324317E+25
fil : = 488.39355735672
fipunto1 : = 5.712568327456E+17
fi_gradi : = 27982.889577921
t1 : = 1.0809437260508E-14
tpunto1 : = 1.0003543382064
tduepunti0 : = -39640723175023
v=v_elettrone : = 2673822.1594043
x0= : -5.7872490658528E-13
y0= : -4.6368714075345E-12
*****
i=34059
k(34059)=0.99999987318396
kQ(34059)=0.99999974636794
r1= : 4.6728828165877E-12
rpunto1: = 150980.9370099
rduepunti0 : = -1.0069770709488E+25
fil : = 488.39362435298
fipunto1 : = 5.7125246956458E+17
fi_gradi : = 27982.893416524
t1 : = 1.0809437377828E-14
tpunto1 : = 1.0003543335932
tduepunti0 : = -39335125092094
v=v_elettrone : = 2673744.3942793
x0= : -5.7841647595358E-13
y0= : -4.636928015375E-12
*****
i=34060
k(34060)=0.99999987516009
kQ(34060)=0.9999997503202
r1= : 4.6729005234347E-12
rpunto1: = 149799.97579306
rduepunti0 : = -1.0069699646951E+25
fil : = 488.39369134872
fipunto1 : = 5.7124814029698E+17
fi_gradi : = 27982.897255097
t1 : = 1.0809437495148E-14
tpunto1 : = 1.0003543290159
tduepunti0 : = -39029536203894
v=v_elettrone : = 2673667.2259298
x0= : -5.781080255906E-13
y0= : -4.636984464963E-12
```

```
*****
i=34061
k(34061)=0.99999987712069
kQ(34061)=0.9999997542414
r1= : 4.6729180917801E-12
rpunto1 : = 148619.02284558
rduepunti0 : = -1.0069629136683E+25
fil : = 488.39375834396
fipunto1 : = 5.7124384494141E+17
fi_gradi : = 27982.901093641
t1 : = 1.0809437612468E-14
tpunto1 : = 1.0003543244744
tduepunti0 : = -38723956439109
v=v_elettrone : = 2673590.658919
x0= : -5.7779955550737E-13
y0= : -4.6370407562984E-12
*****
i=34062
k(34062)=0.99999987906576
kQ(34062)=0.99999975813154
r1= : 4.672935521625E-12
rpunto1 : = 147438.07810268
rduepunti0 : = -1.0069559178665E+25
fil : = 488.39382533869
fipunto1 : = 5.7123958349648E+17
fi_gradi : = 27982.904932156
t1 : = 1.0809437729789E-14
tpunto1 : = 1.0003543199687
tduepunti0 : = -38418385726431
v=v_elettrone : = 2673514.6910228
x0= : -5.7749106571436E-13
y0= : -4.6370968893809E-12
*****
i=34063
k(34063)=0.9999998809953
kQ(34063)=0.99999976199061
r1= : 4.6729528129701E-12
rpunto1 : = 146257.1414996
rduepunti0 : = -1.0069489772875E+25
fil : = 488.39389233292
fipunto1 : = 5.7123535596081E+17
fi_gradi : = 27982.908770643
t1 : = 1.0809437847109E-14
tpunto1 : = 1.0003543154989
tduepunti0 : = -38112823994556
v=v_elettrone : = 2673439.3222864
x0= : -5.7718255622232E-13
y0= : -4.6371528642106E-12
*****
i=34064
k(34064)=0.99999988290931
kQ(34064)=0.99999976581863
r1= : 4.6729699658165E-12
rpunto1 : = 145076.21297158
rduepunti0 : = -1.0069420919292E+25
fil : = 488.39395932666
fipunto1 : = 5.7123116233304E+17
fi_gradi : = 27982.912609102
t1 : = 1.0809437964429E-14
tpunto1 : = 1.0003543110649
tduepunti0 : = -37807271172187
v=v_elettrone : = 2673364.5527456
x0= : -5.7687402704198E-13
y0= : -4.6372086807873E-12
```



```
*****
i=34065
k(34065)=0.99999988480779
kQ(34065)=0.99999976961559
r1= : 4.6729869801652E-12
rpunto1: = 143895.29245386
rduepunti0 : = -1.0069352617896E+25
fil : = 488.3940263199
fipunto1 : = 5.7122700261181E+17
fi_gradi : = 27982.916447532
t1 : = 1.0809438081749E-14
tpunto1 : = 1.0003543066668
tduepunti0 : = -37501727188033
v=v_elettrone : = 2673290.3824393
x0= : -5.7656547818408E-13
y0= : -4.6372643391109E-12
*****
i=34066
k(34066)=0.99999988669074
kQ(34066)=0.99999977338148
r1= : 4.6730038560171E-12
rpunto1: = 142714.37988167
rduepunti0 : = -1.0069284868666E+25
fil : = 488.39409331266
fipunto1 : = 5.7122287679578E+17
fi_gradi : = 27982.920285934
t1 : = 1.080943819907E-14
tpunto1 : = 1.0003543023045
tduepunti0 : = -37196191970808
v=v_elettrone : = 2673216.8091465
x0= : -5.7625690965936E-13
y0= : -4.6373198391812E-12
*****
i=34067
k(34067)=0.99999988855816
kQ(34067)=0.99999977711632
r1= : 4.6730205933731E-12
rpunto1: = 141533.47519028
rduepunti0 : = -1.0069217671582E+25
fil : = 488.39416030493
fipunto1 : = 5.7121878488363E+17
fi_gradi : = 27982.924124308
t1 : = 1.080943831639E-14
tpunto1 : = 1.000354297978
tduepunti0 : = -36890665449229
v=v_elettrone : = 2673143.8374266
x0= : -5.7594832147882E-13
y0= : -4.637375180998E-12
*****
i=34068
k(34068)=0.99999989041005
kQ(34068)=0.99999978082011
r1= : 4.6730371922341E-12
rpunto1: = 140352.57831492
rduepunti0 : = -1.0069151026624E+25
fil : = 488.39422729672
fipunto1 : = 5.7121472687402E+17
fi_gradi : = 27982.927962655
t1 : = 1.080943843371E-14
tpunto1 : = 1.0003542936873
tduepunti0 : = -36585147552023
v=v_elettrone : = 2673071.4650601
x0= : -5.7563971365292E-13
y0= : -4.6374303645613E-12
```

```
*****
i=34069
k(34069)=0.99999989224641
kQ(34069)=0.99999978449283
r1= : 4.6730536526011E-12
rpunto1 : = 139171.68919084
rduepunti0 : = -1.0069084933771E+25
fil : = 488.39429428804
fipunto1 : = 5.7121070276565E+17
fi_gradi : = 27982.931800975
t1 : = 1.080943855103E-14
tpunto1 : = 1.0003542894325
tduepunti0 : = -36279638207919
v=v_elettrone : = 2672999.6898186
x0= : -5.753310861924E-13
y0= : -4.6374853898707E-12
*****
i=34070
k(34070)=0.99999989406725
kQ(34070)=0.9999997881345
r1= : 4.673069974475E-12
rpunto1 : = 137990.80775329
rduepunti0 : = -1.0069019393004E+25
fil : = 488.39436127889
fipunto1 : = 5.7120671255723E+17
fi_gradi : = 27982.935639268
t1 : = 1.0809438668351E-14
tpunto1 : = 1.0003542852135
tduepunti0 : = -35974137345652
v=v_elettrone : = 2672928.5162657
x0= : -5.7502243910825E-13
y0= : -4.6375402569262E-12
*****
i=34071
k(34071)=0.99999989587255
kQ(34071)=0.99999979174512
r1= : 4.6730861578566E-12
rpunto1 : = 136809.93393754
rduepunti0 : = -1.0068954404303E+25
fil : = 488.39442826926
fipunto1 : = 5.7120275624745E+17
fi_gradi : = 27982.939477534
t1 : = 1.0809438785671E-14
tpunto1 : = 1.0003542810303
tduepunti0 : = -35668644893963
v=v_elettrone : = 2672857.9399163
x0= : -5.7471377241092E-13
y0= : -4.6375949657275E-12
*****
i=34072
k(34072)=0.99999989766234
kQ(34072)=0.99999979532468
r1= : 4.6731022027469E-12
rpunto1 : = 135629.06767883
rduepunti0 : = -1.0068889967649E+25
fil : = 488.39449525918
fipunto1 : = 5.7119883383504E+17
fi_gradi : = 27982.943315773
t1 : = 1.0809438902991E-14
tpunto1 : = 1.000354276883
tduepunti0 : = -35363160781598
v=v_elettrone : = 2672787.9630655
x0= : -5.7440508611142E-13
y0= : -4.6376495162744E-12
```

```

*****
i=34073
k(34073)=0.99999989943659
kQ(34073)=0.99999979887319
r1= : 4.6731181091467E-12
rpunto1 : = 134448.20891243
rduepunti0 : = -1.0068826083023E+25
fil : = 488.39456224863
fipunto1 : = 5.7119494531875E+17
fi_gradi : = 27982.947153986
t1 : = 1.0809439020311E-14
tpunto1 : = 1.0003542727714
tduepunti0 : = -35057684937307
v=v_elettrone : = 2672718.5880153
x0= : -5.7409638022045E-13
y0= : -4.6377039085668E-12
*****
i=34074
k(34074)=0.99999990119532
kQ(34074)=0.99999980239065
r1= : 4.673133877057E-12
rpunto1 : = 133267.3575736
rduepunti0 : = -1.0068762750404E+25
fil : = 488.39462923763
fipunto1 : = 5.711910906973E+17
fi_gradi : = 27982.950992173
t1 : = 1.0809439137631E-14
tpunto1 : = 1.0003542686957
tduepunti0 : = -34752217289847
v=v_elettrone : = 2672649.8102751
x0= : -5.7378765474847E-13
y0= : -4.6377581426044E-12
*****
i=34075
k(34075)=0.99999990293852
kQ(34075)=0.99999980587705
r1= : 4.6731495064786E-12
rpunto1 : = 132086.51359759
rduepunti0 : = -1.0068699969775E+25
fil : = 488.39469622617
fipunto1 : = 5.7118726996946E+17
fi_gradi : = 27982.954830333
t1 : = 1.0809439254952E-14
tpunto1 : = 1.0003542646559
tduepunti0 : = -34446757767979
v=v_elettrone : = 2672581.6321456
x0= : -5.7347890970648E-13
y0= : -4.637812218387E-12
*****
i=34076
k(34076)=0.9999999046662
kQ(34076)=0.99999980933241
r1= : 4.6731649974123E-12
rpunto1 : = 130905.67691969
rduepunti0 : = -1.0068637741117E+25
fil : = 488.39476321427
fipunto1 : = 5.71183483134E+17
fi_gradi : = 27982.958668469
t1 : = 1.0809439372272E-14
tpunto1 : = 1.0003542606518
tduepunti0 : = -34141306300468
v=v_elettrone : = 2672514.0536625
x0= : -5.7317014510518E-13
y0= : -4.6378661359143E-12

```

```

*****
i=34077
k(34077)=0.99999990637835
kQ(34077)=0.99999981275671
r1= : 4.673180349859E-12
rpunto1 : = 129724.84747514
rduepunti0 : = -1.006857606441E+25
fil : = 488.39483020192
fipunto1 : = 5.7117973018968E+17
fi_gradi : = 27982.962506578
t1 : = 1.0809439489592E-14
tpunto1 : = 1.0003542566836
tduepunti0 : = -33835862816088
v=v_elettrone : = 2672447.074859
x0= : -5.7286136095528E-13
y0= : -4.6379198951862E-12
*****
i=34078
k(34078)=0.99999990807498
kQ(34078)=0.99999981614997
r1= : 4.6731955638196E-12
rpunto1 : = 128544.02519923
rduepunti0 : = -1.0068514939636E+25
fil : = 488.39489718913
fipunto1 : = 5.7117601113531E+17
fi_gradi : = 27982.966344663
t1 : = 1.0809439606912E-14
tpunto1 : = 1.0003542527512
tduepunti0 : = -33530427243613
v=v_elettrone : = 2672380.6957714
x0= : -5.725525572675E-13
y0= : -4.6379734962023E-12
*****
i=34079
k(34079)=0.99999990975608
kQ(34079)=0.99999981951217
r1= : 4.6732106392949E-12
rpunto1 : = 127363.21002722
rduepunti0 : = -1.0068454366778E+25
fil : = 488.39496417591
fipunto1 : = 5.7117232596967E+17
fi_gradi : = 27982.970182723
t1 : = 1.0809439724233E-14
tpunto1 : = 1.0003542488546
tduepunti0 : = -33224999511824
v=v_elettrone : = 2672314.9164347
x0= : -5.7224373405255E-13
y0= : -4.6380269389624E-12
*****
i=34080
k(34080)=0.99999991142166
kQ(34080)=0.99999982284333
r1= : 4.6732255762858E-12
rpunto1 : = 126182.4018944
rduepunti0 : = -1.0068394345816E+25
fil : = 488.39503116225
fipunto1 : = 5.7116867469158E+17
fi_gradi : = 27982.974020757
t1 : = 1.0809439841553E-14
tpunto1 : = 1.0003542449938
tduepunti0 : = -32919579549508
v=v_elettrone : = 2672249.7368842
x0= : -5.7193489132114E-13
y0= : -4.6380802234663E-12

```

```
*****
i=34081
k(34081)=0.99999991307172
kQ(34081)=0.99999982614344
r1= : 4.673240374793E-12
rpunto1: = 125001.60073603
rduepunti0 : = -1.0068334876732E+25
fil : = 488.39509814817
fipunto1 : = 5.7116505729986E+17
fi_gradi : = 27982.977858768
t1 : = 1.0809439958873E-14
tpunto1 : = 1.0003542411689
tduepunti0 : = -32614167285456
v=v_elettrone : = 2672185.1571525
x0= : -5.7162602908398E-13
y0= : -4.6381333497136E-12
*****
i=34082
k(34082)=0.99999991470625
kQ(34082)=0.99999982941251
r1= : 4.6732550348174E-12
rpunto1: = 123820.8064874
rduepunti0 : = -1.006827595951E+25
fil : = 488.39516513366
fipunto1 : = 5.7116147379334E+17
fi_gradi : = 27982.981696754
t1 : = 1.0809440076193E-14
tpunto1 : = 1.0003542373798
tduepunti0 : = -32308762648463
v=v_elettrone : = 2672121.1750091
x0= : -5.7131714735176E-13
y0= : -4.6381863177041E-12
*****
i=34083
k(34083)=0.99999991632526
kQ(34083)=0.99999983265053
r1= : 4.6732695563598E-12
rpunto1: = 122640.01908378
rduepunti0 : = -1.0068217594131E+25
fil : = 488.39523211873
fipunto1 : = 5.7115792417087E+17
fi_gradi : = 27982.985534715
t1 : = 1.0809440193514E-14
tpunto1 : = 1.0003542336265
tduepunti0 : = -32003365567329
v=v_elettrone : = 2672057.7950178
x0= : -5.7100824613546E-13
y0= : -4.6382391274374E-12
*****
i=34084
k(34084)=0.99999991792875
kQ(34084)=0.99999983585751
r1= : 4.673283939421E-12
rpunto1: = 121459.23846046
rduepunti0 : = -1.0068159780578E+25
fil : = 488.39529910339
fipunto1 : = 5.7115440843129E+17
fi_gradi : = 27982.989372653
t1 : = 1.0809440310834E-14
tpunto1 : = 1.000354229909
tduepunti0 : = -31697975970860
v=v_elettrone : = 2671995.0126856
x0= : -5.7069932544551E-13
y0= : -4.6382917789134E-12
```

```
*****
i=34085
k(34085)=0.99999991951672
kQ(34085)=0.99999983903344
r1= : 4.6732981840018E-12
rpunto1 : = 120278.46455272
rduerpunto0 : = -1.0068102518833E+25
fil : = 488.39536608763
fipunto1 : = 5.7115092657347E+17
fi_gradi : = 27982.993210568
t1 : = 1.0809440428154E-14
tpunto1 : = 1.0003542262273
tduerpunto0 : = -31392593787865
v=v_elettrone : = 2671932.8325635
x0= : -5.7039038529287E-13
y0= : -4.6383442721315E-12
*****
i=34086
k(34086)=0.99999992108916
kQ(34086)=0.99999984217832
r1= : 4.6733122901029E-12
rpunto1 : = 119097.69729585
rduerpunto0 : = -1.006804580888E+25
fil : = 488.39543307146
fipunto1 : = 5.7114747859629E+17
fi_gradi : = 27982.997048459
t1 : = 1.0809440545474E-14
tpunto1 : = 1.0003542225814
tduerpunto0 : = -31087218947159
v=v_elettrone : = 2671871.2501685
x0= : -5.7008142568798E-13
y0= : -4.6383966070917E-12
*****
i=34087
k(34087)=0.99999992264608
kQ(34087)=0.99999984529217
r1= : 4.6733262577252E-12
rpunto1 : = 117916.93662514
rduerpunto0 : = -1.00679896507E+25
fil : = 488.39550005489
fipunto1 : = 5.7114406449863E+17
fi_gradi : = 27983.000886327
t1 : = 1.0809440662795E-14
tpunto1 : = 1.0003542189714
tduerpunto0 : = -30781851377560
v=v_elettrone : = 2671810.2677898
x0= : -5.6977244664179E-13
y0= : -4.6384487837934E-12
*****
i=34088
k(34088)=0.99999992418748
kQ(34088)=0.99999984837497
r1= : 4.6733400868695E-12
rpunto1 : = 116736.18247587
rduerpunto0 : = -1.0067934044278E+25
fil : = 488.39556703792
fipunto1 : = 5.711406842794E+17
fi_gradi : = 27983.004724172
t1 : = 1.0809440780115E-14
tpunto1 : = 1.0003542153971
tduerpunto0 : = -30476491007892
v=v_elettrone : = 2671749.8854614
x0= : -5.6946344816501E-13
y0= : -4.6385008022364E-12
```

```
*****
i=34089
k(34089)=0.99999992571336
kQ(34089)=0.99999985142673
r1= : 4.6733537775364E-12
rpunto1 : = 115555.43478335
rduepunti0 : = -1.0067878989597E+25
fil : = 488.39563402056
fipunto1 : = 5.7113733793749E+17
fi_gradi : = 27983.008561994
t1 : = 1.0809440897435E-14
tpunto1 : = 1.0003542118587
tduepunti0 : = -30171137766982
v=v_elettrone : = 2671690.1032138
x0= : -5.6915443026831E-13
y0= : -4.6385526624204E-12
*****
i=34090
k(34090)=0.99999992722372
kQ(34090)=0.99999985444745
r1= : 4.6733673297268E-12
rpunto1 : = 114374.69348287
rduepunti0 : = -1.006782448664E+25
fil : = 488.3957010028
fipunto1 : = 5.7113402547183E+17
fi_gradi : = 27983.012399794
t1 : = 1.0809441014755E-14
tpunto1 : = 1.0003542083561
tduepunti0 : = -29865791583663
v=v_elettrone : = 2671630.9210777
x0= : -5.6884539296239E-13
y0= : -4.6386043643449E-12
*****
i=34091
k(34091)=0.99999992871856
kQ(34091)=0.99999985743713
r1= : 4.6733807434414E-12
rpunto1 : = 113193.95850971
rduepunti0 : = -1.0067770535391E+25
fil : = 488.39576798465
fipunto1 : = 5.7113074688135E+17
fi_gradi : = 27983.016237571
t1 : = 1.0809441132076E-14
tpunto1 : = 1.0003542048892
tduepunti0 : = -29560452386772
v=v_elettrone : = 2671572.3390888
x0= : -5.6853633625794E-13
y0= : -4.6386559080096E-12
*****
i=34092
k(34092)=0.99999993019789
kQ(34092)=0.99999986039578
r1= : 4.673394018681E-12
rpunto1 : = 112013.22979919
rduepunti0 : = -1.0067717135834E+25
fil : = 488.39583496612
fipunto1 : = 5.7112750216499E+17
fi_gradi : = 27983.020075326
t1 : = 1.0809441249396E-14
tpunto1 : = 1.0003542014582
tduepunti0 : = -29255120105150
v=v_elettrone : = 2671514.3572721
x0= : -5.6822726016565E-13
y0= : -4.6387072934142E-12
```

```
*****
i=34093
k(34093)=0.99999993166169
kQ(34093)=0.99999986332338
r1= : 4.6734071554462E-12
rpunto1: = 110832.5072866
rduerpunti0 : = -1.0067664287952E+25
fil : = 488.3959019472
fipunto1 : = 5.7112429132171E+17
fi_gradi : = 27983.02391306
t1 : = 1.0809441366716E-14
tpunto1 : = 1.0003541980631
tduepunti0 : = -28949794667641
v=v_elettrone : = 2671456.9733993
x0= : -5.6791816469618E-13
y0= : -4.6387585205582E-12
*****
i=34094
k(34094)=0.99999993310997
kQ(34094)=0.99999986621994
r1= : 4.6734201537378E-12
rpunto1: = 109651.79090723
rduerpunti0 : = -1.006761199173E+25
fil : = 488.39596892791
fipunto1 : = 5.7112111435045E+17
fi_gradi : = 27983.027750772
t1 : = 1.0809441484036E-14
tpunto1 : = 1.0003541947037
tduepunti0 : = -28644476003096
v=v_elettrone : = 2671400.1920223
x0= : -5.676090498605E-13
y0= : -4.6388095894413E-12
*****
i=34095
k(34095)=0.99999993454273
kQ(34095)=0.99999986908547
r1= : 4.6734330135566E-12
rpunto1: = 108471.08059641
rduerpunti0 : = -1.0067560247152E+25
fil : = 488.39603590825
fipunto1 : = 5.711179712502E+17
fi_gradi : = 27983.031588463
t1 : = 1.0809441601356E-14
tpunto1 : = 1.0003541913801
tduepunti0 : = -28339164040368
v=v_elettrone : = 2671344.0086474
x0= : -5.6729991566902E-13
y0= : -4.638860500063E-12
*****
i=34096
k(34096)=0.99999993595998
kQ(34096)=0.99999987191996
r1= : 4.6734457349032E-12
rpunto1: = 107290.37628943
rduerpunti0 : = -1.0067509054203E+25
fil : = 488.39610288822
fipunto1 : = 5.7111486201995E+17
fi_gradi : = 27983.035426132
t1 : = 1.0809441718677E-14
tpunto1 : = 1.0003541880923
tduepunti0 : = -28033858708315
v=v_elettrone : = 2671288.4255682
x0= : -5.6699076213268E-13
y0= : -4.638911252423E-12
```



```
*****
i=34097
k(34097)=0.9999999373617
kQ(34097)=0.99999987472341
r1= : 4.6734583177783E-12
rpunto1 : = 106109.6779216
rduepunti0 : = -1.0067458412867E+25
fil : = 488.39616986783
fipunto1 : = 5.7111178665868E+17
fi_gradi : = 27983.039263781
t1 : = 1.0809441835997E-14
tpunto1 : = 1.0003541848403
tduepunti0 : = -27728559935800
v=v_elettrone : = 2671233.4428115
x0= : -5.6668158926216E-13
y0= : -4.6389618465209E-12
*****
i=34098
k(34098)=0.99999993874791
kQ(34098)=0.99999987749583
r1= : 4.6734707621827E-12
rpunto1 : = 104928.98542822
rduepunti0 : = -1.006740832313E+25
fil : = 488.39623684707
fipunto1 : = 5.7110874516541E+17
fi_gradi : = 27983.043101409
t1 : = 1.0809441953317E-14
tpunto1 : = 1.0003541816242
tduepunti0 : = -27423267651688
v=v_elettrone : = 2671179.0604086
x0= : -5.6637239706813E-13
y0= : -4.6390122823561E-12
*****
i=34099
k(34099)=0.99999994011861
kQ(34099)=0.99999988023721
r1= : 4.673483068117E-12
rpunto1 : = 103748.29874462
rduepunti0 : = -1.0067358784975E+25
fil : = 488.39630382596
fipunto1 : = 5.7110573753915E+17
fi_gradi : = 27983.046939016
t1 : = 1.0809442070637E-14
tpunto1 : = 1.0003541784438
tduepunti0 : = -27117981784850
v=v_elettrone : = 2671125.278385
x0= : -5.6606318556126E-13
y0= : -4.6390625599283E-12
*****
i=34100
k(34100)=0.99999994147378
kQ(34100)=0.99999988294756
r1= : 4.6734952355819E-12
rpunto1 : = 102567.6178061
rduepunti0 : = -1.0067309798389E+25
fil : = 488.39637080449
fipunto1 : = 5.7110276377893E+17
fi_gradi : = 27983.050776604
t1 : = 1.0809442187958E-14
tpunto1 : = 1.0003541752993
tduepunti0 : = -26812702264159
v=v_elettrone : = 2671072.0967708
x0= : -5.6575395475223E-13
y0= : -4.6391126792371E-12
```

```

*****
i=34101
k(34101)=0.99999994281344
kQ(34101)=0.99999988562688
r1= : 4.6735072645781E-12
rpunto1: = 101386.94254798
rduepunti0 : = -1.0067261363356E+25
fil : = 488.39643778268
fipunto1 : = 5.7109982388378E+17
fi_gradi : = 27983.054614171
t1 : = 1.0809442305278E-14
tpunto1 : = 1.0003541721905
tduepunti0 : = -26507429018494
v=v_elettrone : = 2671019.5133318
x0= : -5.6544470465171E-13
y0= : -4.639162640282E-12
*****
i=34102
k(34102)=0.99999994413758
kQ(34102)=0.99999988827516
r1= : 4.6735191551063E-12
rpunto1: = 100206.27290557
rduepunti0 : = -1.0067213479862E+25
fil : = 488.39650476052
fipunto1 : = 5.7109691785277E+17
fi_gradi : = 27983.058451719
t1 : = 1.0809442422598E-14
tpunto1 : = 1.0003541691175
tduepunti0 : = -26202161976737
v=v_elettrone : = 2670967.5326184
x0= : -5.6513543527062E-13
y0= : -4.6392124430625E-12
*****
i=34103
k(34103)=0.9999999454462
kQ(34103)=0.99999989089241
r1= : 4.673530907167E-12
rpunto1: = 99025.608814188
rduepunti0 : = -1.0067166147893E+25
fil : = 488.39657173802
fipunto1 : = 5.7109404568494E+17
fi_gradi : = 27983.062289247
t1 : = 1.0809442539918E-14
tpunto1 : = 1.0003541660804
tduepunti0 : = -25896901067773
v=v_elettrone : = 2670916.1501352
x0= : -5.6482614661937E-13
y0= : -4.6392620875782E-12
*****
i=34104
k(34104)=0.99999994673931
kQ(34104)=0.99999989347863
r1= : 4.673542520761E-12
rpunto1: = 97844.950209162
rduepunti0 : = -1.0067119367434E+25
fil : = 488.39663871518
fipunto1 : = 5.7109120737938E+17
fi_gradi : = 27983.066126756
t1 : = 1.0809442657239E-14
tpunto1 : = 1.000354163079
tduepunti0 : = -25591646220493
v=v_elettrone : = 2670865.3681703
x0= : -5.6451683870889E-13
y0= : -4.6393115738285E-12

```

```
*****
i=34105
k(34105)=0.99999994801691
kQ(34105)=0.99999989603381
r1= : 4.6735539958889E-12
rpunto1: = 96664.297025807
rduepunti0 : = -1.0067073138472E+25
fil : = 488.39670569201
fipunto1 : = 5.7108840293516E+17
fi_gradi : = 27983.069964245
t1 : = 1.0809442774559E-14
tpunto1 : = 1.0003541601135
tduepunti0 : = -25286397363790
v=v_elettrone : = 2670815.1867518
x0= : -5.6420751154985E-13
y0= : -4.6393609018131E-12
*****
i=34106
k(34106)=0.99999994927898
kQ(34106)=0.99999989855797
r1= : 4.6735653325514E-12
rpunto1: = 95483.649199447
rduepunti0 : = -1.0067027460992E+25
fil : = 488.39677266852
fipunto1 : = 5.7108563235138E+17
fi_gradi : = 27983.073801716
t1 : = 1.0809442891879E-14
tpunto1 : = 1.0003541571837
tduepunti0 : = -24981154426561
v=v_elettrone : = 2670765.6059033
x0= : -5.6389816515289E-13
y0= : -4.6394100715314E-12
*****
i=34107
k(34107)=0.99999995052555
kQ(34107)=0.99999990105109
r1= : 4.673576530749E-12
rpunto1: = 94303.006665408
rduepunti0 : = -1.0066982334981E+25
fil : = 488.39683964469
fipunto1 : = 5.7108289562714E+17
fi_gradi : = 27983.077639169
t1 : = 1.0809443009199E-14
tpunto1 : = 1.0003541542898
tduepunti0 : = -24675917337706
v=v_elettrone : = 2670716.6256548
x0= : -5.6358879952868E-13
y0= : -4.6394590829828E-12
*****
i=34108
k(34108)=0.99999995175659
kQ(34108)=0.99999990351319
r1= : 4.6735875904824E-12
rpunto1: = 93122.369359013
rduepunti0 : = -1.0066937760425E+25
fil : = 488.39690662055
fipunto1 : = 5.7108019276156E+17
fi_gradi : = 27983.081476602
t1 : = 1.0809443126519E-14
tpunto1 : = 1.0003541514316
tduepunti0 : = -24370686026131
v=v_elettrone : = 2670668.2437668
x0= : -5.6327941468788E-13
y0= : -4.639507936167E-12
```

```
*****
i=34109
k(34109)=0.99999995297213
kQ(34109)=0.99999990594425
r1= : 4.6735985117522E-12
rpunto1: = 91941.737215592
rduepunti0 : = -1.0066893737312E+25
fil : = 488.39697359609
fipunto1 : = 5.7107752375376E+17
fi_gradi : = 27983.085314018
t1 : = 1.080944324384E-14
tpunto1 : = 1.0003541486092
tduepunti0 : = -24065460420743
v=v_elettrone : = 2670620.4647892
x0= : -5.6297001064141E-13
y0= : -4.6395566310833E-12
*****
i=34110
k(34110)=0.99999995417214
kQ(34110)=0.99999990834429
r1= : 4.673609294559E-12
rpunto1: = 90761.110170474
rduepunti0 : = -1.0066850265627E+25
fil : = 488.39704057131
fipunto1 : = 5.7107488860288E+17
fi_gradi : = 27983.089151416
t1 : = 1.080944336116E-14
tpunto1 : = 1.0003541458227
tduepunti0 : = -23760240450454
v=v_elettrone : = 2670573.2842233
x0= : -5.6266058739965E-13
y0= : -4.6396051677313E-12
*****
i=34111
k(34111)=0.99999995535665
kQ(34111)=0.9999999107133
r1= : 4.6736199389034E-12
rpunto1: = 89580.488158988
rduepunti0 : = -1.0066807345358E+25
fil : = 488.39710754623
fipunto1 : = 5.7107228730808E+17
fi_gradi : = 27983.092988796
t1 : = 1.080944347848E-14
tpunto1 : = 1.0003541430719
tduepunti0 : = -23455026044179
v=v_elettrone : = 2670526.7043559
x0= : -5.6235114497353E-13
y0= : -4.6396535461104E-12
*****
i=34112
k(34112)=0.99999995652564
kQ(34112)=0.99999991305128
r1= : 4.673630444786E-12
rpunto1: = 88399.871116468
rduepunti0 : = -1.0066764976492E+25
fil : = 488.39717452084
fipunto1 : = 5.710697198685E+17
fi_gradi : = 27983.096826158
t1 : = 1.08094435958E-14
tpunto1 : = 1.0003541403569
tduepunti0 : = -23149817130836
v=v_elettrone : = 2670480.7252129
x0= : -5.620416833737E-13
y0= : -4.6397017662201E-12
```

```
*****
i=34113
k(34113)=0.99999995767912
kQ(34113)=0.99999991535824
r1= : 4.6736408122074E-12
rpunto1: = 87219.258978246
rduepunti0 : = -1.0066723159016E+25
fil : = 488.39724149515
fipunto1 : = 5.7106718628331E+17
fi_gradi : = 27983.100663504
t1 : = 1.0809443713121E-14
tpunto1 : = 1.0003541376777
tduepunti0 : = -22844613639348
v=v_elettrone : = 2670435.3468162
x0= : -5.6173220261079E-13
y0= : -4.6397498280598E-12
*****
i=34114
k(34114)=0.99999995881708
kQ(34114)=0.99999991763416
r1= : 4.6736510411681E-12
rpunto1: = 86038.651679659
rduepunti0 : = -1.0066681892917E+25
fil : = 488.39730846916
fipunto1 : = 5.7106468655171E+17
fi_gradi : = 27983.104500832
t1 : = 1.0809443830441E-14
tpunto1 : = 1.0003541350343
tduepunti0 : = -22539415498640
v=v_elettrone : = 2670390.56919
x0= : -5.6142270269547E-13
y0= : -4.6397977316289E-12
*****
i=34115
k(34115)=0.99999995993953
kQ(34115)=0.99999991987907
r1= : 4.6736611316687E-12
rpunto1: = 84858.049156043
rduepunti0 : = -1.0066641178184E+25
fil : = 488.39737544288
fipunto1 : = 5.7106222067288E+17
fi_gradi : = 27983.108338144
t1 : = 1.0809443947761E-14
tpunto1 : = 1.0003541324267
tduepunti0 : = -22234222637641
v=v_elettrone : = 2670346.3923617
x0= : -5.6111318363838E-13
y0= : -4.6398454769269E-12
*****
i=34116
k(34116)=0.99999996104647
kQ(34116)=0.99999992209294
r1= : 4.6736710837099E-12
rpunto1: = 83677.451342735
rduepunti0 : = -1.0066601014804E+25
fil : = 488.39744241632
fipunto1 : = 5.7105978864602E+17
fi_gradi : = 27983.112175439
t1 : = 1.0809444065081E-14
tpunto1 : = 1.0003541298549
tduepunti0 : = -21929034985282
v=v_elettrone : = 2670302.814086
x0= : -5.6080364545015E-13
y0= : -4.6398930639532E-12
```

```
*****
i=34117
k(34117)=0.9999999621379
kQ(34117)=0.99999992427579
r1= : 4.673680897292E-12
rpunto1: = 82496.858175075
rduepunti0 : = -1.0066561402765E+25
fil : = 488.39750938946
fipunto1 : = 5.7105739047034E+17
fi_gradi : = 27983.116012717
t1 : = 1.0809444182401E-14
tpunto1 : = 1.0003541273189
tduepunti0 : = -21623852470498
v=v_elettrone : = 2670259.83665
x0= : -5.604940881417E-13
y0= : -4.6399404927072E-12
*****
i=34118
k(34118)=0.99999996321381
kQ(34118)=0.99999992642762
r1= : 4.6736905724157E-12
rpunto1: = 81316.269588404
rduepunti0 : = -1.0066522342055E+25
fil : = 488.39757636233
fipunto1 : = 5.7105502614508E+17
fi_gradi : = 27983.11984998
t1 : = 1.0809444299722E-14
tpunto1 : = 1.0003541248187
tduepunti0 : = -21318675022229
v=v_elettrone : = 2670217.4600803
x0= : -5.6018451172367E-13
y0= : -4.6399877631883E-12
*****
i=34119
k(34119)=0.99999996427421
kQ(34119)=0.99999992854842
r1= : 4.6737001090816E-12
rpunto1: = 80135.685518065
rduepunti0 : = -1.0066483832663E+25
fil : = 488.39764333491
fipunto1 : = 5.7105269566946E+17
fi_gradi : = 27983.123687226
t1 : = 1.0809444417042E-14
tpunto1 : = 1.0003541223542
tduepunti0 : = -21013502569416
v=v_elettrone : = 2670175.684394
x0= : -5.598749162067E-13
y0= : -4.6400348753959E-12
*****
i=34120
k(34120)=0.9999999653191
kQ(34120)=0.9999999306382
r1= : 4.6737095072901E-12
rpunto1: = 78955.1058994
rduepunti0 : = -1.0066445874576E+25
fil : = 488.39771030723
fipunto1 : = 5.7105039904273E+17
fi_gradi : = 27983.127524457
t1 : = 1.0809444534362E-14
tpunto1 : = 1.0003541199256
tduepunti0 : = -20708335041003
v=v_elettrone : = 2670134.5096168
x0= : -5.5956530160142E-13
y0= : -4.6400818293294E-12
```

```
*****
i=34121
k(34121)=0.99999996634848
kQ(34121)=0.99999993269695
r1= : 4.6737187670417E-12
rpunto1 : = 77774.530667756
rduepunti0 : = -1.0066408467784E+25
fil : = 488.39777727927
fipunto1 : = 5.7104813626416E+17
fi_gradi : = 27983.131361673
t1 : = 1.0809444651682E-14
tpunto1 : = 1.0003541175327
tduepunti0 : = -20403172365938
v=v_elettrone : = 2670093.9357672
x0= : -5.5925566791848E-13
y0= : -4.6401286249882E-12
*****
i=34122
k(34122)=0.99999996736234
kQ(34122)=0.99999993472469
r1= : 4.6737278883371E-12
rpunto1 : = 76593.959758477
rduepunti0 : = -1.0066371612275E+25
fil : = 488.39784425105
fipunto1 : = 5.7104590733299E+17
fi_gradi : = 27983.135198873
t1 : = 1.0809444769003E-14
tpunto1 : = 1.0003541151757
tduepunti0 : = -20098014473171
v=v_elettrone : = 2670053.9606059
x0= : -5.589460151685E-13
y0= : -4.6401752623716E-12
*****
i=34123
k(34123)=0.9999999683607
kQ(34123)=0.9999999367214
r1= : 4.6737368711766E-12
rpunto1 : = 75413.393106911
rduepunti0 : = -1.0066335308038E+25
fil : = 488.39791122257
fipunto1 : = 5.7104371224853E+17
fi_gradi : = 27983.139036058
t1 : = 1.0809444886323E-14
tpunto1 : = 1.0003541128544
tduepunti0 : = -19792861291657
v=v_elettrone : = 2670014.5886813
x0= : -5.5863634336238E-13
y0= : -4.640221741479E-12
*****
i=34124
k(34124)=0.99999996934354
kQ(34124)=0.99999993868709
r1= : 4.6737457155608E-12
rpunto1 : = 74232.830648408
rduepunti0 : = -1.0066299555063E+25
fil : = 488.39797819383
fipunto1 : = 5.7104155101005E+17
fi_gradi : = 27983.142873229
t1 : = 1.0809445003643E-14
tpunto1 : = 1.0003541105689
tduepunti0 : = -19487712750352
v=v_elettrone : = 2669975.8154824
x0= : -5.5832665251049E-13
y0= : -4.6402680623097E-12
```

```
*****
i=34125
k(34125)=0.99999997031088
kQ(34125)=0.99999994062175
r1= : 4.6737544214902E-12
rpunto1: = 73052.272318317
rduepunti0 : = -1.0066264353338E+25
fil : = 488.39804516484
fipunto1 : = 5.7103942361685E+17
fi_gradi : = 27983.146710385
t1 : = 1.0809445120963E-14
tpunto1 : = 1.0003541083192
tduepunti0 : = -19182568778216
v=v_elettrone : = 2669937.6432963
x0= : -5.5801694262373E-13
y0= : -4.6403142248632E-12
*****
i=34126
k(34126)=0.9999999712627
kQ(34126)=0.9999999425254
r1= : 4.6737629889652E-12
rpunto1: = 71871.71805199
rduepunti0 : = -1.0066229702853E+25
fil : = 488.39811213559
fipunto1 : = 5.7103733006825E+17
fi_gradi : = 27983.150547527
t1 : = 1.0809445238284E-14
tpunto1 : = 1.0003541061053
tduepunti0 : = -18877429304211
v=v_elettrone : = 2669900.0698803
x0= : -5.5770721371271E-13
y0= : -4.6403602291386E-12
*****
i=34127
k(34127)=0.99999997219901
kQ(34127)=0.99999994439802
r1= : 4.6737714179864E-12
rpunto1: = 70691.167784778
rduepunti0 : = -1.0066195603598E+25
fil : = 488.39817910611
fipunto1 : = 5.7103527036357E+17
fi_gradi : = 27983.154384654
t1 : = 1.0809445355604E-14
tpunto1 : = 1.0003541039271
tduepunti0 : = -18572294257301
v=v_elettrone : = 2669863.0997816
x0= : -5.5739746578834E-13
y0= : -4.6404060751354E-12
*****
i=34128
k(34128)=0.99999997311981
kQ(34128)=0.99999994623963
r1= : 4.6737797085542E-12
rpunto1: = 69510.621452037
rduepunti0 : = -1.0066162055562E+25
fil : = 488.39824607638
fipunto1 : = 5.7103324450215E+17
fi_gradi : = 27983.158221768
t1 : = 1.0809445472924E-14
tpunto1 : = 1.0003541017848
tduepunti0 : = -18267163566455
v=v_elettrone : = 2669826.7307533
x0= : -5.5708769886098E-13
y0= : -4.6404517628529E-12
```



```
*****
i=34129
k(34129)=0.99999997402511
kQ(34129)=0.99999994805021
r1= : 4.673787860669E-12
rpunto1: = 68330.07898912
rduerpunti0 : = -1.0066129058736E+25
fil : = 488.39831304641
fipunto1 : = 5.7103125248332E+17
fi_gradi : = 27983.162058868
t1 : = 1.0809445590244E-14
tpunto1 : = 1.0003540996782
tduerpunti0 : = -17962037160644
v=v_elettrone : = 2669790.9605506
x0= : -5.5677791294124E-13
y0= : -4.6404972922903E-12
*****
i=34130
k(34130)=0.99999997491489
kQ(34130)=0.99999994982978
r1= : 4.6737958743314E-12
rpunto1: = 67149.540331384
rduerpunti0 : = -1.0066096613109E+25
fil : = 488.39838001621
fipunto1 : = 5.7102929430644E+17
fi_gradi : = 27983.165895955
t1 : = 1.0809445707564E-14
tpunto1 : = 1.0003540976074
tduerpunti0 : = -17656914968841
v=v_elettrone : = 2669755.7914602
x0= : -5.5646810804001E-13
y0= : -4.640542663447E-12
*****
i=34131
k(34131)=0.99999997578916
kQ(34131)=0.99999995157833
r1= : 4.6738037495418E-12
rpunto1: = 65969.005414186
rduerpunti0 : = -1.0066064718672E+25
fil : = 488.39844698578
fipunto1 : = 5.7102736997087E+17
fi_gradi : = 27983.169733029
t1 : = 1.0809445824885E-14
tpunto1 : = 1.0003540955724
tduerpunti0 : = -17351796920022
v=v_elettrone : = 2669721.223497
x0= : -5.5615828416792E-13
y0= : -4.6405878763222E-12
*****
i=34132
k(34132)=0.99999997664793
kQ(34132)=0.99999995329586
r1= : 4.6738114863005E-12
rpunto1: = 64788.474172884
rduerpunti0 : = -1.0066033375415E+25
fil : = 488.39851395512
fipunto1 : = 5.71025479476E+17
fi_gradi : = 27983.17357009
t1 : = 1.0809445942205E-14
tpunto1 : = 1.0003540935732
tduerpunti0 : = -17046682943164
v=v_elettrone : = 2669687.2566809
x0= : -5.5584844133558E-13
y0= : -4.6406329309153E-12
```

```
*****
i=34133
k(34133)=0.99999997749118
kQ(34133)=0.99999995498237
r1= : 4.6738190846081E-12
rpunto1: = 63607.946542837
rduepunti0 : = -1.0066002583329E+25
fil : = 488.39858092424
fipunto1 : = 5.7102362282122E+17
fi_gradi : = 27983.177407138
t1 : = 1.0809446059525E-14
tpunto1 : = 1.0003540916098
tduepunti0 : = -16741572967250
v=v_elettrone : = 2669653.8887627
x0= : -5.5553857955361E-13
y0= : -4.6406778272255E-12
*****
i=34134
k(34134)=0.99999997831893
kQ(34134)=0.99999995663786
r1= : 4.673826544465E-12
rpunto1: = 62427.422459407
rduepunti0 : = -1.0065972342404E+25
fil : = 488.39864789315
fipunto1 : = 5.7102180000591E+17
fi_gradi : = 27983.181244173
t1 : = 1.0809446176845E-14
tpunto1 : = 1.0003540896822
tduepunti0 : = -16436466921262
v=v_elettrone : = 2669621.1220285
x0= : -5.5522869883289E-13
y0= : -4.640722565252E-12
*****
i=34135
k(34135)=0.99999997913117
kQ(34135)=0.99999995826233
r1= : 4.6738338658715E-12
rpunto1: = 61246.901857955
rduepunti0 : = -1.0065942652632E+25
fil : = 488.39871486184
fipunto1 : = 5.7102001102949E+17
fi_gradi : = 27983.185081197
t1 : = 1.0809446294165E-14
tpunto1 : = 1.0003540877903
tduepunti0 : = -16131364734187
v=v_elettrone : = 2669588.9587559
x0= : -5.5491879918404E-13
y0= : -4.6407671449942E-12
*****
i=34136
k(34136)=0.9999999799279
kQ(34136)=0.99999995985579
r1= : 4.6738410488281E-12
rpunto1: = 60066.384673843
rduepunti0 : = -1.0065913514003E+25
fil : = 488.39878183032
fipunto1 : = 5.7101825589138E+17
fi_gradi : = 27983.188918208
t1 : = 1.0809446411486E-14
tpunto1 : = 1.0003540859342
tduepunti0 : = -15826266335013
v=v_elettrone : = 2669557.3944376
x0= : -5.546088806174E-13
y0= : -4.6408115664512E-12
```

```
*****
i=34137
k(34137)=0.99999998070912
kQ(34137)=0.99999996141823
r1= : 4.6738480933352E-12
rpunto1: = 58885.870842434
rduepunti0 : = -1.0065884926509E+25
fil : = 488.39884879859
fipunto1 : = 5.7101653459101E+17
fi_gradi : = 27983.192755208
t1 : = 1.0809446528806E-14
tpunto1 : = 1.0003540841139
tduepunti0 : = -15521171652730
v=v_elettrone : = 2669526.4290844
x0= : -5.5429894314385E-13
y0= : -4.6408558296224E-12
*****
i=34138
k(34138)=0.99999998147483
kQ(34138)=0.99999996294966
r1= : 4.6738549993932E-12
rpunto1: = 57705.360299095
rduepunti0 : = -1.0065856890142E+25
fil : = 488.39891576667
fipunto1 : = 5.7101484712782E+17
fi_gradi : = 27983.196592195
t1 : = 1.0809446646126E-14
tpunto1 : = 1.0003540823294
tduepunti0 : = -15216080616332
v=v_elettrone : = 2669496.0672458
x0= : -5.5398898677427E-13
y0= : -4.6408999345069E-12
*****
i=34139
k(34139)=0.99999998222503
kQ(34139)=0.99999996445007
r1= : 4.6738617670025E-12
rpunto1: = 56524.852979189
rduepunti0 : = -1.0065829404892E+25
fil : = 488.39898273454
fipunto1 : = 5.7101319350127E+17
fi_gradi : = 27983.200429172
t1 : = 1.0809446763446E-14
tpunto1 : = 1.0003540805806
tduepunti0 : = -14910993154814
v=v_elettrone : = 2669466.3066712
x0= : -5.5367901151899E-13
y0= : -4.640943881104E-12
*****
i=34140
k(34140)=0.99999998295973
kQ(34140)=0.99999996591946
r1= : 4.6738683961634E-12
rpunto1: = 55344.348818084
rduepunti0 : = -1.0065802470752E+25
fil : = 488.39904970222
fipunto1 : = 5.7101157371082E+17
fi_gradi : = 27983.204266138
t1 : = 1.0809446880767E-14
tpunto1 : = 1.0003540788677
tduepunti0 : = -14605909197173
v=v_elettrone : = 2669437.1451126
x0= : -5.5336901738864E-13
y0= : -4.6409876694128E-12
```

```
*****
i=34141
k(34141)=0.99999998367892
kQ(34141)=0.99999996735784
r1= : 4.6738748868763E-12
rpunto1 : = 54163.847751148
rduepunti0 : = -1.0065776087713E+25
fil : = 488.39911666971
fipunto1 : = 5.7100998775594E+17
fi_gradi : = 27983.208103092
t1 : = 1.0809446998087E-14
tpunto1 : = 1.0003540771905
tduepunti0 : = -14300828672409
v=v_elettrone : = 2669408.5848492
x0= : -5.5305900439407E-13
y0= : -4.6410312994326E-12
*****
i=34142
k(34142)=0.9999999843826
kQ(34142)=0.9999999687652
r1= : 4.6738812391416E-12
rpunto1 : = 52983.349713748
rduepunti0 : = -1.0065750255768E+25
fil : = 488.39918363702
fipunto1 : = 5.7100843563612E+17
fi_gradi : = 27983.211940036
t1 : = 1.0809447115407E-14
tpunto1 : = 1.0003540755491
tduepunti0 : = -13995751509524
v=v_elettrone : = 2669380.6258976
x0= : -5.5274897254589E-13
y0= : -4.6410747711626E-12
*****
i=34143
k(34143)=0.99999998507077
kQ(34143)=0.99999997014155
r1= : 4.6738874529596E-12
rpunto1 : = 51802.854641255
rduepunti0 : = -1.0065724974909E+25
fil : = 488.39925060414
fipunto1 : = 5.7100691735085E+17
fi_gradi : = 27983.21577697
t1 : = 1.0809447232727E-14
tpunto1 : = 1.0003540739435
tduepunti0 : = -13690677637521
v=v_elettrone : = 2669353.2660061
x0= : -5.5243892185471E-13
y0= : -4.641118084602E-12
*****
i=34144
k(34144)=0.99999998574344
kQ(34144)=0.99999997148688
r1= : 4.6738935283307E-12
rpunto1 : = 50622.362469037
rduepunti0 : = -1.0065700245128E+25
fil : = 488.39931757109
fipunto1 : = 5.7100543289965E+17
fi_gradi : = 27983.219613893
t1 : = 1.0809447350047E-14
tpunto1 : = 1.0003540723736
tduepunti0 : = -13385606985407
v=v_elettrone : = 2669326.5097178
x0= : -5.5212885233138E-13
y0= : -4.6411612397498E-12
```

```
*****
i=34145
k(34145)=0.9999999864006
kQ(34145)=0.9999999728012
r1= : 4.6738994652552E-12
rpunto1 : = 49441.873132468
rduepunti0 : = -1.0065676066417E+25
fil : = 488.39938453786
fipunto1 : = 5.7100398228203E+17
fi_gradi : = 27983.223450806
t1 : = 1.0809447467368E-14
tpunto1 : = 1.0003540708395
tduepunti0 : = -13080539482190
v=v_elettrone : = 2669300.3525207
x0= : -5.5181876398626E-13
y0= : -4.6412042366054E-12
*****
i=34146
k(34146)=0.99999998704225
kQ(34146)=0.9999999740845
r1= : 4.6739052637335E-12
rpunto1 : = 48261.386566918
rduepunti0 : = -1.0065652438771E+25
fil : = 488.39945150446
fipunto1 : = 5.7100256549751E+17
fi_gradi : = 27983.22728771
t1 : = 1.0809447584688E-14
tpunto1 : = 1.0003540693413
tduepunti0 : = -12775475056878
v=v_elettrone : = 2669274.7966902
x0= : -5.5150865683019E-13
y0= : -4.6412470751679E-12
*****
i=34147
k(34147)=0.9999999876684
kQ(34147)=0.9999999753368
r1= : 4.6739109237659E-12
rpunto1 : = 47080.90270776
rduepunti0 : = -1.0065629362181E+25
fil : = 488.3995184709
fipunto1 : = 5.7100118254565E+17
fi_gradi : = 27983.231124604
t1 : = 1.0809447702008E-14
tpunto1 : = 1.0003540678787
tduepunti0 : = -12470413638486
v=v_elettrone : = 2669249.8422381
x0= : -5.5119853087378E-13
y0= : -4.6412897554363E-12
*****
i=34148
k(34148)=0.99999998827904
kQ(34148)=0.99999997655808
r1= : 4.6739164453526E-12
rpunto1 : = 45900.421490368
rduepunti0 : = -1.006560683664E+25
fil : = 488.39958543717
fipunto1 : = 5.7099983342599E+17
fi_gradi : = 27983.234961489
t1 : = 1.0809447819328E-14
tpunto1 : = 1.000354066452
tduepunti0 : = -12165355156025
v=v_elettrone : = 2669225.4891842
x0= : -5.5088838612763E-13
y0= : -4.64133227741E-12
```

```
*****
i=34149
k(34149)=0.99999998887417
kQ(34149)=0.99999997774834
r1= : 4.6739218284941E-12
rpunto1 : = 44719.942850117
rduepunti0 : = -1.0065584862143E+25
fil : = 488.39965240328
fipunto1 : = 5.7099851813809E+17
fi_gradi : = 27983.238798365
t1 : = 1.0809447936649E-14
tpunto1 : = 1.000354065061
tduepunti0 : = -11860299538511
v=v_elettrone : = 2669201.7352695
x0= : -5.5057822260232E-13
y0= : -4.6413746410879E-12
*****
i=34150
k(34150)=0.9999999894538
kQ(34150)=0.99999997890759
r1= : 4.6739270731905E-12
rpunto1 : = 43539.466722381
rduepunti0 : = -1.0065563438681E+25
fil : = 488.39971936924
fipunto1 : = 5.7099723668152E+17
fi_gradi : = 27983.242635231
t1 : = 1.0809448053969E-14
tpunto1 : = 1.0003540637059
tduepunti0 : = -11555246714963
v=v_elettrone : = 2669178.5850381
x0= : -5.5026804030872E-13
y0= : -4.6414168464692E-12
*****
i=34151
k(34151)=0.99999999001792
kQ(34151)=0.99999998003583
r1= : 4.6739321794423E-12
rpunto1 : = 42358.993042536
rduepunti0 : = -1.0065542566249E+25
fil : = 488.39978633505
fipunto1 : = 5.7099598905587E+17
fi_gradi : = 27983.24647209
t1 : = 1.0809448171289E-14
tpunto1 : = 1.0003540623865
tduepunti0 : = -11250196614398
v=v_elettrone : = 2669156.0339751
x0= : -5.4995783925715E-13
y0= : -4.6414588935531E-12
*****
i=34152
k(34152)=0.99999999056653
kQ(34152)=0.99999998113306
r1= : 4.6739371472496E-12
rpunto1 : = 41178.52174596
rduepunti0 : = -1.0065522244841E+25
fil : = 488.39985330072
fipunto1 : = 5.7099477526074E+17
fi_gradi : = 27983.25030894
t1 : = 1.0809448288609E-14
tpunto1 : = 1.0003540611028
tduepunti0 : = -10945149165838
v=v_elettrone : = 2669134.0843555
x0= : -5.4964761945848E-13
y0= : -4.6415007823386E-12
```

```
*****
i=34153
k(34153)=0.99999999109964
kQ(34153)=0.99999998219928
r1= : 4.6739419766129E-12
rpunto1: = 39998.05276803
rduepunti0 : = -1.0065502474451E+25
fil : = 488.39992026624
fipunto1 : = 5.7099359529572E+17
fi_gradi : = 27983.254145781
t1 : = 1.0809448405929E-14
tpunto1 : = 1.000354059855
tduepunti0 : = -10640104298304
v=v_elettrone : = 2669112.7339245
x0= : -5.4933738092328E-13
y0= : -4.6415425128249E-12
*****
i=34154
k(34154)=0.99999999161724
kQ(34154)=0.99999998323448
r1= : 4.6739466675322E-12
rpunto1: = 38817.586044123
rduepunti0 : = -1.0065483255071E+25
fil : = 488.39998723162
fipunto1 : = 5.7099244916043E+17
fi_gradi : = 27983.257982615
t1 : = 1.080944852325E-14
tpunto1 : = 1.0003540586429
tduepunti0 : = -10335061940822
v=v_elettrone : = 2669091.9872245
x0= : -5.4902712366241E-13
y0= : -4.6415840850109E-12
*****
i=34155
k(34155)=0.99999999211934
kQ(34155)=0.99999998423868
r1= : 4.673951220008E-12
rpunto1: = 37637.121509618
rduepunti0 : = -1.0065464586698E+25
fil : = 488.40005419687
fipunto1 : = 5.709913368545E+17
fi_gradi : = 27983.261819441
t1 : = 1.080944864057E-14
tpunto1 : = 1.0003540574666
tduepunti0 : = -10030022022416
v=v_elettrone : = 2669071.8397365
x0= : -5.487168476862E-13
y0= : -4.6416254988959E-12
*****
i=34156
k(34156)=0.99999999260593
kQ(34156)=0.99999998521186
r1= : 4.6739556340404E-12
rpunto1: = 36456.659099896
rduepunti0 : = -1.0065446469324E+25
fil : = 488.40012116199
fipunto1 : = 5.7099025837757E+17
fi_gradi : = 27983.26565626
t1 : = 1.080944875789E-14
tpunto1 : = 1.000354056326
tduepunti0 : = -9724984472113.7
v=v_elettrone : = 2669052.2937346
x0= : -5.4840655300549E-13
y0= : -4.6416667544789E-12
```

```

*****
i=34157
k(34157)=0.99999999307701
kQ(34157)=0.99999998615403
r1= : 4.6739599096298E-12
rpunto1: = 35276.198750335
rduepunti0 : = -1.0065428902946E+25
fil : = 488.40018812698
fipunto1 : = 5.7098921372929E+17
fi_gradi : = 27983.269493071
t1 : = 1.080944887521E-14
tpunto1 : = 1.0003540552213
tduepunti0 : = -9419949218943.4
v=v_elettrone : = 2669033.3492326
x0= : -5.4809623963087E-13
y0= : -4.641707851759E-12
*****
i=34158
k(34158)=0.99999999353259
kQ(34158)=0.99999998706519
r1= : 4.6739640467763E-12
rpunto1: = 34095.740396317
rduepunti0 : = -1.0065411887556E+25
fil : = 488.40025509185
fipunto1 : = 5.7098820290931E+17
fi_gradi : = 27983.273329876
t1 : = 1.0809448992531E-14
tpunto1 : = 1.0003540541523
tduepunti0 : = -9114916191935.1
v=v_elettrone : = 2669015.0062377
x0= : -5.4778590757292E-13
y0= : -4.6417487907351E-12
*****
i=34159
k(34159)=0.99999999397267
kQ(34159)=0.99999998794534
r1= : 4.6739680454802E-12
rpunto1: = 32915.283973223
rduepunti0 : = -1.0065395423151E+25
fil : = 488.4003220566
fipunto1 : = 5.7098722591731E+17
fi_gradi : = 27983.277166673
t1 : = 1.0809449109851E-14
tpunto1 : = 1.0003540531191
tduepunti0 : = -8809885320120.3
v=v_elettrone : = 2668997.2624936
x0= : -5.4747555684223E-13
y0= : -4.6417895714064E-12
*****
i=34160
k(34160)=0.99999999439724
kQ(34160)=0.99999998879447
r1= : 4.6739719057416E-12
rpunto1: = 31734.829416435
rduepunti0 : = -1.0065379509726E+25
fil : = 488.40038902123
fipunto1 : = 5.7098628275297E+17
fi_gradi : = 27983.281003464
t1 : = 1.0809449227171E-14
tpunto1 : = 1.0003540521216
tduepunti0 : = -8504856532531.7
v=v_elettrone : = 2668980.1225423
x0= : -5.4716518744963E-13
y0= : -4.6418301937719E-12

```



```
*****
i=34161
k(34161)=0.9999999948063
kQ(34161)=0.9999999896126
r1= : 4.673975627561E-12
rpunto1: = 30554.376661335
rduepunti0 : = -1.0065364147275E+25
fil : = 488.40045598576
fipunto1 : = 5.7098537341598E+17
fi_gradi : = 27983.284840249
t1 : = 1.0809449344491E-14
tpunto1 : = 1.00035405116
tduepunti0 : = -8199829758203.3
v=v_elettrone : = 2668963.5818596
x0= : -5.4685479940544E-13
y0= : -4.6418706578307E-12
*****
i=34162
k(34162)=0.99999999519986
kQ(34162)=0.99999999039972
r1= : 4.6739792109383E-12
rpunto1: = 29373.925643306
rduepunti0 : = -1.0065349335793E+25
fil : = 488.40052295018
fipunto1 : = 5.7098449790603E+17
fi_gradi : = 27983.288677027
t1 : = 1.0809449461811E-14
tpunto1 : = 1.0003540502341
tduepunti0 : = -7894804926170.3
v=v_elettrone : = 2668947.6427226
x0= : -5.4654439272051E-13
y0= : -4.6419109635817E-12
*****
i=34163
k(34163)=0.99999999557791
kQ(34163)=0.99999999115583
r1= : 4.673982655874E-12
rpunto1: = 28193.476297731
rduepunti0 : = -1.0065335075278E+25
fil : = 488.40058991449
fipunto1 : = 5.7098365622286E+17
fi_gradi : = 27983.2925138
t1 : = 1.0809449579132E-14
tpunto1 : = 1.000354049344
tduepunti0 : = -7589781965469.2
v=v_elettrone : = 2668932.3028728
x0= : -5.4623396740541E-13
y0= : -4.6419511110239E-12
*****
i=34164
k(34164)=0.99999999594046
kQ(34164)=0.99999999188093
r1= : 4.673985962368E-12
rpunto1: = 27013.028559996
rduepunti0 : = -1.0065321365723E+25
fil : = 488.40065687871
fipunto1 : = 5.7098284836617E+17
fi_gradi : = 27983.296350567
t1 : = 1.0809449696452E-14
tpunto1 : = 1.0003540484896
tduepunti0 : = -7284760805137.7
v=v_elettrone : = 2668917.5668464
x0= : -5.4592352347098E-13
y0= : -4.6419911001564E-12
```

```
*****
i=34165
k(34165)=0.99999999628751
kQ(34165)=0.99999999257502
r1= : 4.6739891304207E-12
rpunto1 : = 25832.582365483
rduepunti0 : = -1.0065308207126E+25
fil : = 488.40072384283
fipunto1 : = 5.7098207433571E+17
fi_gradi : = 27983.300187329
t1 : = 1.0809449813772E-14
tpunto1 : = 1.000354047671
tduepunti0 : = -6979741374214.6
v=v_elettrone : = 2668903.4301258
x0= : -5.4561306092754E-13
y0= : -4.6420309309782E-12
*****
i=34166
k(34166)=0.99999999661905
kQ(34166)=0.99999999323809
r1= : 4.6739921600322E-12
rpunto1 : = 24652.137649578
rduepunti0 : = -1.0065295599482E+25
fil : = 488.40079080686
fipunto1 : = 5.7098133413123E+17
fi_gradi : = 27983.304024085
t1 : = 1.0809449931092E-14
tpunto1 : = 1.0003540468882
tduepunti0 : = -6674723601739.6
v=v_elettrone : = 2668889.8949795
x0= : -5.4530257978591E-13
y0= : -4.6420706034883E-12
*****
i=34167
k(34167)=0.99999999693508
kQ(34167)=0.99999999387016
r1= : 4.6739950512027E-12
rpunto1 : = 23471.694347667
rduepunti0 : = -1.0065283542787E+25
fil : = 488.40085777081
fipunto1 : = 5.7098062775247E+17
fi_gradi : = 27983.307860836
t1 : = 1.0809450048412E-14
tpunto1 : = 1.0003540461412
tduepunti0 : = -6369707416753.7
v=v_elettrone : = 2668876.961416
x0= : -5.4499208005667E-13
y0= : -4.6421101176855E-12
*****
i=34168
k(34168)=0.99999999723561
kQ(34168)=0.99999999447123
r1= : 4.6739978039324E-12
rpunto1 : = 22291.252395135
rduepunti0 : = -1.0065272037038E+25
fil : = 488.40092473467
fipunto1 : = 5.7097995519921E+17
fi_gradi : = 27983.311697583
t1 : = 1.0809450165733E-14
tpunto1 : = 1.00035404543
tduepunti0 : = -6064692748298.7
v=v_elettrone : = 2668864.6294421
x0= : -5.4468156175039E-13
y0= : -4.642149473569E-12
```

```
*****
i=34169
k(34169)=0.99999999752064
kQ(34169)=0.99999999504128
r1= : 4.6740004182213E-12
rpunto1 : = 21110.811727369
rduepunti0 : = -1.0065261082231E+25
fil : = 488.40099169845
fipunto1 : = 5.7097931647123E+17
fi_gradi : = 27983.315534325
t1 : = 1.0809450283053E-14
tpunto1 : = 1.0003540447545
tduepunti0 : = -5759679525417.5
v=v_elettrone : = 2668852.8967987
x0= : -5.4437102487765E-13
y0= : -4.6421886711376E-12
*****
i=34170
k(34170)=0.99999999779016
kQ(34170)=0.99999999558032
r1= : 4.6740028940697E-12
rpunto1 : = 19930.372279754
rduepunti0 : = -1.0065250678364E+25
fil : = 488.40105866216
fipunto1 : = 5.7097871156832E+17
fi_gradi : = 27983.319371063
t1 : = 1.0809450400373E-14
tpunto1 : = 1.0003540441147
tduepunti0 : = -5454667677153.8
v=v_elettrone : = 2668841.7657567
x0= : -5.4406046944927E-13
y0= : -4.6422277103903E-12
*****
i=34171
k(34171)=0.99999999804418
kQ(34171)=0.99999999608836
r1= : 4.6740052314777E-12
rpunto1 : = 18749.933987679
rduepunti0 : = -1.0065240825432E+25
fil : = 488.4011256258
fipunto1 : = 5.7097814049027E+17
fi_gradi : = 27983.323207797
t1 : = 1.0809450517693E-14
tpunto1 : = 1.0003540435108
tduepunti0 : = -5149657132552.2
v=v_elettrone : = 2668831.2363229
x0= : -5.4374989547582E-13
y0= : -4.6422665913261E-12
*****
i=34172
k(34172)=0.99999999828269
kQ(34172)=0.99999999656538
r1= : 4.6740074304455E-12
rpunto1 : = 17569.496786529
rduepunti0 : = -1.0065231523433E+25
fil : = 488.40119258937
fipunto1 : = 5.7097760323691E+17
fi_gradi : = 27983.327044527
t1 : = 1.0809450635014E-14
tpunto1 : = 1.0003540429426
tduepunti0 : = -4844647820658.1
v=v_elettrone : = 2668821.3085022
x0= : -5.4343930296786E-13
y0= : -4.6423053139438E-12
```

```

*****
i=34173
k(34173)=0.9999999985057
kQ(34173)=0.9999999970114
r1= : 4.6740094909731E-12
rpunto1 : = 16389.060611694
rduepunti0 : = -1.0065222772364E+25
fil : = 488.40125955288
fipunto1 : = 5.7097709980804E+17
fi_gradi : = 27983.330881253
t1 : = 1.0809450752334E-14
tpunto1 : = 1.0003540424102
tduepunti0 : = -4539639670517.6
v=v_elettrone : = 2668811.9800353
x0= : -5.4312869193597E-13
y0= : -4.6423438782425E-12
*****
i=34174
k(34174)=0.9999999987132
kQ(34174)=0.99999999742641
r1= : 4.6740114130607E-12
rpunto1 : = 15208.625398561
rduepunti0 : = -1.0065214572222E+25
fil : = 488.40132651632
fipunto1 : = 5.7097663020351E+17
fi_gradi : = 27983.334717976
t1 : = 1.0809450869654E-14
tpunto1 : = 1.0003540419136
tduepunti0 : = -4234632611177.6
v=v_elettrone : = 2668803.2554571
x0= : -5.4281806239097E-13
y0= : -4.642382284221E-12
*****
i=34175
k(34175)=0.9999999989052
kQ(34175)=0.99999999781041
r1= : 4.6740131967085E-12
rpunto1 : = 14028.191082517
rduepunti0 : = -1.0065206923006E+25
fil : = 488.40139347972
fipunto1 : = 5.7097619442317E+17
fi_gradi : = 27983.338554696
t1 : = 1.0809450986974E-14
tpunto1 : = 1.0003540414527
tduepunti0 : = -3929626571685.8
v=v_elettrone : = 2668795.1302394
x0= : -5.4250741434315E-13
y0= : -4.6424205318783E-12
*****
i=34176
k(34176)=0.9999999990817
kQ(34176)=0.9999999981634
r1= : 4.6740148419164E-12
rpunto1 : = 12847.757598953
rduepunti0 : = -1.0065199824712E+25
fil : = 488.40146044306
fipunto1 : = 5.7097579246685E+17
fi_gradi : = 27983.342391413
t1 : = 1.0809451104294E-14
tpunto1 : = 1.0003540410276
tduepunti0 : = -3624621481090.4
v=v_elettrone : = 2668787.6066553
x0= : -5.4219674780335E-13
y0= : -4.6424586212131E-12

```

```
*****
i=34177
k(34177)=0.99999999924269
kQ(34177)=0.99999999848538
r1= : 4.6740163486846E-12
rpunto1 : = 11667.324883255
rduepunti0 : = -1.0065193277339E+25
fil : = 488.40152740635
fipunto1 : = 5.7097542433444E+17
fi_gradi : = 27983.346228127
t1 : = 1.0809451221615E-14
tpunto1 : = 1.0003540406383
tduepunti0 : = -3319617268440.1
v=v_elettrone : = 2668780.6824418
x0= : -5.4188606278212E-13
y0= : -4.6424965522246E-12
*****
i=34178
k(34178)=0.99999999938818
kQ(34178)=0.99999999877636
r1= : 4.6740177170132E-12
rpunto1 : = 10486.892870814
rduepunti0 : = -1.0065187280884E+25
fil : = 488.4015943696
fipunto1 : = 5.709750900258E+17
fi_gradi : = 27983.350064839
t1 : = 1.0809451338935E-14
tpunto1 : = 1.0003540402848
tduepunti0 : = -3014613862784.4
v=v_elettrone : = 2668774.3621337
x0= : -5.4157535929029E-13
y0= : -4.6425343249114E-12
*****
i=34179
k(34179)=0.99999999951816
kQ(34179)=0.99999999903633
r1= : 4.6740189469023E-12
rpunto1 : = 9306.4614970188
rduepunti0 : = -1.0065181835346E+25
fil : = 488.40166133282
fipunto1 : = 5.7097478954083E+17
fi_gradi : = 27983.353901548
t1 : = 1.0809451456255E-14
tpunto1 : = 1.000354039967
tduepunti0 : = -2709611193173.1
v=v_elettrone : = 2668768.641202
x0= : -5.4126463733815E-13
y0= : -4.6425719392725E-12
*****
i=34180
k(34180)=0.99999999963264
kQ(34180)=0.99999999926529
r1= : 4.674020038352E-12
rpunto1 : = 8126.0306972584
rduepunti0 : = -1.0065176940724E+25
fil : = 488.40172829599
fipunto1 : = 5.7097452287943E+17
fi_gradi : = 27983.357738256
t1 : = 1.0809451573575E-14
tpunto1 : = 1.000354039685
tduepunti0 : = -2404609188656.6
v=v_elettrone : = 2668763.5219169
x0= : -5.4095389693652E-13
y0= : -4.6426093953068E-12
```

```
*****
i=34181
k(34181)=0.99999999973162
kQ(34181)=0.99999999946324
r1= : 4.6740209913622E-12
rpunto1: = 6945.6004069225
rduerpunti0 : = -1.0065172597014E+25
fil : = 488.40179525914
fipunto1 : = 5.709742900415E+17
fi_gradi : = 27983.361574961
t1 : = 1.0809451690895E-14
tpunto1 : = 1.0003540394387
tduerpunti0 : = -2099607778285.6
v=v_elettrone : = 2668759.0042778
x0= : -5.4064313809596E-13
y0= : -4.6426466930131E-12
*****
i=34182
k(34182)=0.99999999981509
kQ(34182)=0.99999999963019
r1= : 4.6740218059332E-12
rpunto1: = 5765.1705614008
rduerpunti0 : = -1.0065168804218E+25
fil : = 488.40186222226
fipunto1 : = 5.7097409102696E+17
fi_gradi : = 27983.365411665
t1 : = 1.0809451808216E-14
tpunto1 : = 1.0003540392283
tduerpunti0 : = -1794606891111.3
v=v_elettrone : = 2668755.0882937
x0= : -5.4033236082702E-13
y0= : -4.6426838323902E-12
*****
i=34183
k(34183)=0.99999999988306
kQ(34183)=0.99999999976612
r1= : 4.6740224820648E-12
rpunto1: = 4584.7410960833
rduerpunti0 : = -1.0065165562332E+25
fil : = 488.40192918535
fipunto1 : = 5.7097392583575E+17
fi_gradi : = 27983.369248368
t1 : = 1.0809451925536E-14
tpunto1 : = 1.0003540390536
tduerpunti0 : = -1489606456185.1
v=v_elettrone : = 2668751.7716936
x0= : -5.4002156514026E-13
y0= : -4.6427208134371E-12
*****
i=34184
k(34184)=0.99999999993553
kQ(34184)=0.99999999987105
r1= : 4.6740230197573E-12
rpunto1: = 3404.3119463598
rduerpunti0 : = -1.0065162871357E+25
fil : = 488.40199614843
fipunto1 : = 5.709737944678E+17
fi_gradi : = 27983.37308507
t1 : = 1.0809452042856E-14
tpunto1 : = 1.0003540389146
tduerpunti0 : = -1184606402558.7
v=v_elettrone : = 2668749.0567492
x0= : -5.3971075104649E-13
y0= : -4.6427576361525E-12
```

```
*****
i=34185
k(34185)=0.99999999997249
kQ(34185)=0.99999999994497
r1= : 4.6740234190105E-12
rpunto1: = 2223.8830476205
rduerpunti0 : = -1.006516073129E+25
fil : = 488.40206311149
fipunto1 : = 5.7097369692307E+17
fi_gradi : = 27983.376921771
t1 : = 1.0809452160176E-14
tpunto1 : = 1.0003540388115
tduerpunti0 : = -879606659284.29
v=v_elettrone : = 2668746.9434599
x0= : -5.3939991855627E-13
y0= : -4.6427943005352E-12
*****
i=34186
k(34186)=0.99999999999394
kQ(34186)=0.99999999998789
r1= : 4.6740236798246E-12
rpunto1: = 1043.4543352555
rduerpunti0 : = -1.0065159142133E+25
fil : = 488.40213007454
fipunto1 : = 5.7097363320153E+17
fi_gradi : = 27983.380758471
t1 : = 1.0809452277497E-14
tpunto1 : = 1.0003540387441
tduerpunti0 : = -574607155413.94
v=v_elettrone : = 2668745.4318285
x0= : -5.3908906768014E-13
y0= : -4.6428308065841E-12
*****
i=34187
k(34187)=0.99999999999999
kQ(34187)=0.99999999999979
r1= : 4.6740238021996E-12
rpunto1: = -136.97425534497
rduerpunti0 : = -1.0065158103884E+25
fil : = 488.40219703758
fipunto1 : = 5.7097360330315E+17
fi_gradi : = 27983.38459517
t1 : = 1.0809452394817E-14
tpunto1 : = 1.0003540387125
tduerpunti0 : = -269607820000.02
v=v_elettrone : = 2668744.5195873
x0= : -5.3877819842866E-13
y0= : -4.642867154298E-12
*****
i=34188
k(34188)=0.99999999999034
kQ(34188)=0.99999999998069
r1= : 4.6740237861354E-12
rpunto1: = -1317.4027887907
rduerpunti0 : = -1.0065157616543E+25
fil : = 488.40226400062
fipunto1 : = 5.7097360722791E+17
fi_gradi : = 27983.38843187
t1 : = 1.0809452512137E-14
tpunto1 : = 1.0003540387166
tduerpunti0 : = 35391417904.995
v=v_elettrone : = 2668744.2112712
x0= : -5.3846731081263E-13
y0= : -4.6429033436756E-12
```

```
*****
i=34189
k(34189)=0.99999999996529
kQ(34189)=0.99999999993058
r1= : 4.6740236316321E-12
rpunto1 : = -2497.8313296915
rduepunti0 : = -1.0065157680109E+25
fil : = 488.40233096366
fipunto1 : = 5.7097364497581E+17
fi_gradi : = 27983.392268569
t1 : = 1.0809452629457E-14
tpunto1 : = 1.0003540387565
tduepunti0 : = 340390629248.57
v=v_elettrone : = 2668744.5023468
x0= : -5.3815640484235E-13
y0= : -4.6429393747159E-12
*****
i=34190
k(34190)=0.99999999992473
kQ(34190)=0.99999999984946
r1= : 4.6740233386897E-12
rpunto1 : = -3678.259942657
rduepunti0 : = -1.0065158294583E+25
fil : = 488.4023979267
fipunto1 : = 5.7097371654686E+17
fi_gradi : = 27983.396105269
t1 : = 1.0809452746777E-14
tpunto1 : = 1.0003540388322
tduepunti0 : = 645389884978.15
v=v_elettrone : = 2668745.3950804
x0= : -5.3784548052862E-13
y0= : -4.6429752474174E-12
*****
i=34191
k(34191)=0.99999999986867
kQ(34191)=0.99999999973734
r1= : 4.6740229073082E-12
rpunto1 : = -4858.6886922969
rduepunti0 : = -1.0065159459966E+25
fil : = 488.40246488975
fipunto1 : = 5.7097382194107E+17
fi_gradi : = 27983.399941969
t1 : = 1.0809452864098E-14
tpunto1 : = 1.0003540389437
tduepunti0 : = 950389256041.19
v=v_elettrone : = 2668746.8872063
x0= : -5.3753453788199E-13
y0= : -4.6430109617791E-12
*****
i=34192
k(34192)=0.9999999997971
kQ(34192)=0.9999999995942
r1= : 4.6740223374876E-12
rpunto1 : = -6039.1176432212
rduepunti0 : = -1.0065161176256E+25
fil : = 488.40253185282
fipunto1 : = 5.7097396115848E+17
fi_gradi : = 27983.40377867
t1 : = 1.0809452981418E-14
tpunto1 : = 1.0003540390909
tduepunti0 : = 1255388813385.2
v=v_elettrone : = 2668748.9832543
x0= : -5.3722357691326E-13
y0= : -4.6430465177996E-12
```



```
*****
i=34193
k(34193)=0.99999999971003
kQ(34193)=0.99999999942006
r1= : 4.6740216292277E-12
rpunto1: = -7219.5468600396
rduepunti0 : = -1.0065163443455E+25
fil : = 488.4025988159
fipunto1 : = 5.7097413419913E+17
fi_gradi : = 27983.407615372
t1 : = 1.0809453098738E-14
tpunto1 : = 1.0003540392739
tduepunti0 : = 1560388627957.9
v=v_elettrone : = 2668751.6786903
x0= : -5.3691259763272E-13
y0= : -4.6430819154777E-12
*****
i=34194
k(34194)=0.99999999960746
kQ(34194)=0.99999999921492
r1= : 4.6740207825287E-12
rpunto1: = -8399.9764073621
rduepunti0 : = -1.0065166261564E+25
fil : = 488.402665779
fipunto1 : = 5.7097434106306E+17
fi_gradi : = 27983.411452075
t1 : = 1.0809453216058E-14
tpunto1 : = 1.0003540394927
tduepunti0 : = 1865388770706.9
v=v_elettrone : = 2668754.9757826
x0= : -5.3660160005117E-13
y0= : -4.6431171548122E-12
*****
i=34195
k(34195)=0.99999999948938
kQ(34195)=0.99999999897876
r1= : 4.6740197973905E-12
rpunto1: = -9580.4063497988
rduepunti0 : = -1.0065169630582E+25
fil : = 488.40273274212
fipunto1 : = 5.7097458175034E+17
fi_gradi : = 27983.41528878
t1 : = 1.0809453333378E-14
tpunto1 : = 1.0003540397472
tduepunti0 : = 2170389312580.4
v=v_elettrone : = 2668758.8745246
x0= : -5.3629058417915E-13
y0= : -4.6431522358018E-12
*****
i=34196
k(34196)=0.9999999993558
kQ(34196)=0.9999999987116
r1= : 4.6740186738129E-12
rpunto1: = -10760.83675196
rduepunti0 : = -1.0065173550512E+25
fil : = 488.40279970527
fipunto1 : = 5.7097485626103E+17
fi_gradi : = 27983.419125486
t1 : = 1.0809453450699E-14
tpunto1 : = 1.0003540400376
tduepunti0 : = 2475390324526.5
v=v_elettrone : = 2668763.372652
x0= : -5.3597955002721E-13
y0= : -4.6431871584452E-12
```

```
*****
i=34197
k(34197)=0.9999999920671
kQ(34197)=0.9999999841342
r1= : 4.6740174117961E-12
rpunto1 : = -11941.267678455
rduepunti0 : = -1.0065178021355E+25
fil : = 488.40286666846
fipunto1 : = 5.7097516459523E+17
fi_gradi : = 27983.422962193
t1 : = 1.0809453568019E-14
tpunto1 : = 1.0003540403636
tduepunti0 : = 2780391877493.7
v=v_elettrone : = 2668768.4746926
x0= : -5.3566849760615E-13
y0= : -4.6432219227412E-12
*****
i=34198
k(34198)=0.9999999904212
kQ(34198)=0.9999999808424
r1= : 4.6740160113398E-12
rpunto1 : = -13121.699193896
rduepunti0 : = -1.0065183043111E+25
fil : = 488.40293363168
fipunto1 : = 5.7097550675303E+17
fi_gradi : = 27983.426798903
t1 : = 1.0809453685339E-14
tpunto1 : = 1.0003540407255
tduepunti0 : = 3085394042430.8
v=v_elettrone : = 2668774.1761124
x0= : -5.3535742692624E-13
y0= : -4.6432565286884E-12
*****
i=34199
k(34199)=0.9999999886203
kQ(34199)=0.9999999772406
r1= : 4.674014472444E-12
rpunto1 : = -14302.131362892
rduepunti0 : = -1.0065188615782E+25
fil : = 488.40300059494
fipunto1 : = 5.7097588273453E+17
fi_gradi : = 27983.430635616
t1 : = 1.0809453802659E-14
tpunto1 : = 1.0003540411231
tduepunti0 : = 3390396890287.1
v=v_elettrone : = 2668780.4791714
x0= : -5.3504633799828E-13
y0= : -4.6432909762856E-12
*****
i=34200
k(34200)=0.9999999866643
kQ(34200)=0.9999999733286
r1= : 4.6740127951088E-12
rpunto1 : = -15482.564250054
rduepunti0 : = -1.0065194739371E+25
fil : = 488.40306755825
fipunto1 : = 5.7097629253984E+17
fi_gradi : = 27983.43447233
t1 : = 1.080945391998E-14
tpunto1 : = 1.0003540415565
tduepunti0 : = 3695400492012.2
v=v_elettrone : = 2668787.3838715
x0= : -5.3473523083282E-13
y0= : -4.6433252655314E-12
```

```
*****
i=34201
k(34201)=0.99999999845533
kQ(34201)=0.99999999691066
r1= : 4.6740109793339E-12
rpunto1: = -16662.997919994
rduepunti0 : = -1.0065201413878E+25
fil : = 488.4031345216
fipunto1 : = 5.7097673616911E+17
fi_gradi : = 27983.438309048
t1 : = 1.08094540373E-14
tpunto1 : = 1.0003540420257
tduepunti0 : = 4000404918556.2
v=v_elettrone : = 2668794.8879396
x0= : -5.3442410544038E-13
y0= : -4.6433593964246E-12
*****
i=34202
k(34202)=0.99999999822872
kQ(34202)=0.99999999645744
r1= : 4.6740090251192E-12
rpunto1: = -17843.432437323
rduepunti0 : = -1.0065208639305E+25
fil : = 488.40320148501
fipunto1 : = 5.7097721362245E+17
fi_gradi : = 27983.442145769
t1 : = 1.080945415462E-14
tpunto1 : = 1.0003540425306
tduepunti0 : = 4305410240869.6
v=v_elettrone : = 2668802.9936376
x0= : -5.3411296183177E-13
y0= : -4.6433933689638E-12
*****
i=34203
k(34203)=0.99999999798661
kQ(34203)=0.99999999597322
r1= : 4.6740069324648E-12
rpunto1: = -19023.867866652
rduepunti0 : = -1.0065216415655E+25
fil : = 488.40326844847
fipunto1 : = 5.7097772490003E+17
fi_gradi : = 27983.445982492
t1 : = 1.080945427194E-14
tpunto1 : = 1.0003540430713
tduepunti0 : = 4610416529903.6
v=v_elettrone : = 2668811.7032274
x0= : -5.3380180001752E-13
y0= : -4.6434271831476E-12
*****
i=34204
k(34204)=0.999999997729
kQ(34204)=0.99999999545799
r1= : 4.6740047013704E-12
rpunto1: = -20204.304272593
rduepunti0 : = -1.0065224742931E+25
fil : = 488.40333541199
fipunto1 : = 5.7097827000199E+17
fi_gradi : = 27983.449819219
t1 : = 1.080945438926E-14
tpunto1 : = 1.0003540436478
tduepunti0 : = 4915423856609.9
v=v_elettrone : = 2668821.0099079
x0= : -5.334906200079E-13
y0= : -4.6434608389748E-12
```

```
*****
i=34205
k(34205)=0.99999999745588
kQ(34205)=0.99999999491176
r1= : 4.674002331836E-12
rpunto1 : = -21384.741719758
rduepunti0 : = -1.0065233621134E+25
fil : = 488.40340237558
fipunto1 : = 5.7097884892852E+17
fi_gradi : = 27983.45365595
t1 : = 1.0809454506581E-14
tpunto1 : = 1.00035404426
tduepunti0 : = 5220432291940.8
v=v_elettrone : = 2668830.9204689
x0= : -5.3317942181397E-13
y0= : -4.6434943364439E-12
*****
i=34206
k(34206)=0.99999999716725
kQ(34206)=0.99999999433451
r1= : 4.6739998238615E-12
rpunto1 : = -22565.180272759
rduepunti0 : = -1.0065243050268E+25
fil : = 488.40346933923
fipunto1 : = 5.7097946167979E+17
fi_gradi : = 27983.457492685
t1 : = 1.0809454623901E-14
tpunto1 : = 1.000354044908
tduepunti0 : = 5525441906849.5
v=v_elettrone : = 2668841.4303772
x0= : -5.32868205446E-13
y0= : -4.6435276755537E-12
*****
i=34207
k(34207)=0.99999999686313
kQ(34207)=0.99999999372625
r1= : 4.6739971774466E-12
rpunto1 : = -23745.619996209
rduepunti0 : = -1.0065253030334E+25
fil : = 488.40353630295
fipunto1 : = 5.7098010825599E+17
fi_gradi : = 27983.461329424
t1 : = 1.0809454741221E-14
tpunto1 : = 1.0003540455918
tduepunti0 : = 5830452772289.7
v=v_elettrone : = 2668852.5441562
x0= : -5.3255697091478E-13
y0= : -4.6435608563027E-12
*****
i=34208
k(34208)=0.99999999654349
kQ(34208)=0.99999999308699
r1= : 4.6739943925913E-12
rpunto1 : = -24926.060954722
rduepunti0 : = -1.0065263561337E+25
fil : = 488.40360326675
fipunto1 : = 5.7098078865733E+17
fi_gradi : = 27983.465166167
t1 : = 1.0809454858541E-14
tpunto1 : = 1.0003540463114
tduepunti0 : = 6135464959215.8
v=v_elettrone : = 2668864.2572696
x0= : -5.3224571823057E-13
y0= : -4.6435938786897E-12
```

```
*****
i=34209
k(34209)=0.99999999620836
kQ(34209)=0.99999999241672
r1= : 4.6739914692955E-12
rpunto1 : = -26106.503212911
rduepunti0 : = -1.0065274643278E+25
fil : = 488.40367023064
fipunto1 : = 5.7098150288402E+17
fi_gradi : = 27983.469002915
t1 : = 1.0809454975861E-14
tpunto1 : = 1.0003540470667
tduepunti0 : = 6440478538583.3
v=v_elettrone : = 2668876.5697099
x0= : -5.3193444740418E-13
y0= : -4.6436267427131E-12
*****
i=34210
k(34210)=0.99999999585772
kQ(34210)=0.99999999171543
r1= : 4.6739884075589E-12
rpunto1 : = -27286.946835388
rduepunti0 : = -1.0065286276162E+25
fil : = 488.4037371946
fipunto1 : = 5.7098225093629E+17
fi_gradi : = 27983.472839667
t1 : = 1.0809455093182E-14
tpunto1 : = 1.0003540478578
tduepunti0 : = 6745493581348.4
v=v_elettrone : = 2668889.4860021
x0= : -5.316231584464E-13
y0= : -4.6436594483715E-12
*****
i=34211
k(34211)=0.99999999549157
kQ(34211)=0.99999999098314
r1= : 4.6739852073814E-12
rpunto1 : = -28467.39188677
rduepunti0 : = -1.0065298459992E+25
fil : = 488.40380415865
fipunto1 : = 5.7098303281437E+17
fi_gradi : = 27983.476676425
t1 : = 1.0809455210502E-14
tpunto1 : = 1.0003540486847
tduepunti0 : = 7050510158468.1
v=v_elettrone : = 2668903.0016088
x0= : -5.3131185136747E-13
y0= : -4.6436919956637E-12
*****
i=34212
k(34212)=0.99999999510992
kQ(34212)=0.99999999021984
r1= : 4.6739818687629E-12
rpunto1 : = -29647.83843167
rduepunti0 : = -1.0065311194772E+25
fil : = 488.4038711228
fipunto1 : = 5.709838485185E+17
fi_gradi : = 27983.480513188
t1 : = 1.0809455327822E-14
tpunto1 : = 1.0003540495473
tduepunti0 : = 7355528340900.5
v=v_elettrone : = 2668917.1210544
x0= : -5.3100052617821E-13
y0= : -4.6437243845882E-12
```

```
*****
i=34213
k(34213)=0.99999999471276
kQ(34213)=0.99999998942553
r1= : 4.6739783917031E-12
rpunto1 : = -30828.286534703
rduepunti0 : = -1.0065324480505E+25
fil : = 488.40393808704
fipunto1 : = 5.7098469804895E+17
fi_gradi : = 27983.484349956
t1 : = 1.0809455445142E-14
tpunto1 : = 1.0003540504458
tduepunti0 : = 7660548199604.6
v=v_elettrone : = 2668931.8397998
x0= : -5.3068918288886E-13
y0= : -4.6437566151435E-12
*****
i=34214
k(34214)=0.9999999943001
kQ(34214)=0.99999998860021
r1= : 4.673974776202E-12
rpunto1 : = -32008.736260485
rduepunti0 : = -1.0065338317196E+25
fil : = 488.40400505138
fipunto1 : = 5.7098558140598E+17
fi_gradi : = 27983.48818673
t1 : = 1.0809455562463E-14
tpunto1 : = 1.0003540513799
tduepunti0 : = 7965569805540.5
v=v_elettrone : = 2668947.1578355
x0= : -5.3037782151022E-13
y0= : -4.6437886873283E-12
*****
i=34215
k(34215)=0.99999999387194
kQ(34215)=0.99999998774388
r1= : 4.6739710222592E-12
rpunto1 : = -33189.187673632
rduepunti0 : = -1.0065352704848E+25
fil : = 488.40407201582
fipunto1 : = 5.7098649858988E+17
fi_gradi : = 27983.49202351
t1 : = 1.0809455679783E-14
tpunto1 : = 1.0003540523499
tduepunti0 : = 8270593229669.3
v=v_elettrone : = 2668963.0796877
x0= : -5.3006644205308E-13
y0= : -4.643820601141E-12
*****
i=34216
k(34216)=0.99999999342827
kQ(34216)=0.99999998685653
r1= : 4.6739671298746E-12
rpunto1 : = -34369.640838761
rduepunti0 : = -1.0065367643465E+25
fil : = 488.40413898037
fipunto1 : = 5.7098744960092E+17
fi_gradi : = 27983.495860296
t1 : = 1.0809455797103E-14
tpunto1 : = 1.0003540533556
tduepunti0 : = 8575618542953.3
v=v_elettrone : = 2668979.6008143
x0= : -5.2975504452769E-13
y0= : -4.6438523565803E-12
```

```
*****
i=34217
k(34217)=0.99999999296909
kQ(34217)=0.99999998593818
r1= : 4.6739630990481E-12
rpunto1: = -35550.095820489
rduepunti0 : = -1.0065383133053E+25
fil : = 488.40420594503
fipunto1 : = 5.7098843443942E+17
fi_gradi : = 27983.499697089
t1 : = 1.0809455914423E-14
tpunto1 : = 1.0003540543972
tduepunti0 : = 8880645816355.9
v=v_elettrone : = 2668996.7234722
x0= : -5.2944362894484E-13
y0= : -4.6438839536447E-12
*****
i=34218
k(34218)=0.99999999249441
kQ(34218)=0.99999998498882
r1= : 4.6739589297793E-12
rpunto1: = -36730.552683432
rduepunti0 : = -1.0065399173616E+25
fil : = 488.40427290981
fipunto1 : = 5.7098945310568E+17
fi_gradi : = 27983.503533888
t1 : = 1.0809456031743E-14
tpunto1 : = 1.0003540554744
tduepunti0 : = 9185675120841.7
v=v_elettrone : = 2669014.447653
x0= : -5.2913219531505E-13
y0= : -4.6439153923327E-12
*****
i=34219
k(34219)=0.99999999200422
kQ(34219)=0.99999998400845
r1= : 4.6739546220681E-12
rpunto1: = -37911.01149221
rduepunti0 : = -1.0065415765158E+25
fil : = 488.40433987471
fipunto1 : = 5.7099050560003E+17
fi_gradi : = 27983.507370694
t1 : = 1.0809456149064E-14
tpunto1 : = 1.0003540565875
tduepunti0 : = 9490706527376.7
v=v_elettrone : = 2669032.773347
x0= : -5.2882074364885E-13
y0= : -4.6439466726428E-12
*****
i=34220
k(34220)=0.99999999149853
kQ(34220)=0.99999998299706
r1= : 4.6739501759142E-12
rpunto1: = -39091.472311442
rduepunti0 : = -1.0065432907685E+25
fil : = 488.40440683973
fipunto1 : = 5.7099159192279E+17
fi_gradi : = 27983.511207507
t1 : = 1.0809456266384E-14
tpunto1 : = 1.0003540577363
tduepunti0 : = 9795740106927.9
v=v_elettrone : = 2669051.6982796
x0= : -5.2850927395674E-13
y0= : -4.6439777945736E-12
```

```
*****
i=34221
k(34221)=0.99999999097733
kQ(34221)=0.99999998195467
r1= : 4.6739455913174E-12
rpunto1 : = -40271.935205745
rduepunti0 : = -1.0065450601202E+25
fil : = 488.40447380487
fipunto1 : = 5.7099271207432E+17
fi_gradi : = 27983.515044327
t1 : = 1.0809456383704E-14
tpunto1 : = 1.0003540589209
tduepunti0 : = 10100775930464
v=v_elettrone : = 2669071.2269725
x0= : -5.2819778624953E-13
y0= : -4.6440087581237E-12
*****
i=34222
k(34222)=0.99999999044063
kQ(34222)=0.99999998088126
r1= : 4.6739408682774E-12
rpunto1 : = -41452.400239742
rduepunti0 : = -1.0065468845714E+25
fil : = 488.40454077015
fipunto1 : = 5.7099386605497E+17
fi_gradi : = 27983.518881155
t1 : = 1.0809456501024E-14
tpunto1 : = 1.0003540601413
tduepunti0 : = 10405814068955
v=v_elettrone : = 2669091.3548797
x0= : -5.2788628053745E-13
y0= : -4.6440395632914E-12
*****
i=34223
k(34223)=0.99999998988842
kQ(34223)=0.99999997977684
r1= : 4.6739360067941E-12
rpunto1 : = -42632.867478051
rduepunti0 : = -1.0065487641226E+25
fil : = 488.40460773557
fipunto1 : = 5.7099505386511E+17
fi_gradi : = 27983.522717991
t1 : = 1.0809456618345E-14
tpunto1 : = 1.0003540613975
tduepunti0 : = 10710854593371
v=v_elettrone : = 2669112.0842627
x0= : -5.275747568313E-13
y0= : -4.6440702100753E-12
*****
i=34224
k(34224)=0.9999999893207
kQ(34224)=0.99999997864141
r1= : 4.6739310068671E-12
rpunto1 : = -43813.336985295
rduepunti0 : = -1.0065506987744E+25
fil : = 488.40467470112
fipunto1 : = 5.709962755051E+17
fi_gradi : = 27983.526554834
t1 : = 1.0809456735665E-14
tpunto1 : = 1.0003540626894
tduepunti0 : = 11015897574687
v=v_elettrone : = 2669133.4128393
x0= : -5.2726321514159E-13
y0= : -4.6441006984738E-12
```



```
*****
i=34225
k(34225)=0.99999998873748
kQ(34225)=0.99999997747497
r1= : 4.6739258684962E-12
rpunto1 : = -44993.808826095
rduepunti0 : = -1.0065526885274E+25
fil : = 488.40474166682
fipunto1 : = 5.7099753097535E+17
fi_gradi : = 27983.530391686
t1 : = 1.0809456852985E-14
tpunto1 : = 1.0003540640171
tduepunti0 : = 11320943083876
v=v_elettrone : = 2669155.3451332
x0= : -5.269516554791E-13
y0= : -4.6441310284855E-12
*****
i=34226
k(34226)=0.99999998813876
kQ(34226)=0.99999997627751
r1= : 4.6739205916811E-12
rpunto1 : = -46174.283065074
rduepunti0 : = -1.0065547333822E+25
fil : = 488.40480863266
fipunto1 : = 5.7099882027624E+17
fi_gradi : = 27983.534228546
t1 : = 1.0809456970305E-14
tpunto1 : = 1.0003540653806
tduepunti0 : = 11625991191913
v=v_elettrone : = 2669177.8765996
x0= : -5.2664007785408E-13
y0= : -4.6441612001088E-12
*****
i=34227
k(34227)=0.99999998752452
kQ(34227)=0.99999997504904
r1= : 4.6739151764215E-12
rpunto1 : = -47354.759766855
rduepunti0 : = -1.0065568333393E+25
fil : = 488.40487559866
fipunto1 : = 5.7100014340819E+17
fi_gradi : = 27983.538065415
t1 : = 1.0809457087625E-14
tpunto1 : = 1.0003540667798
tduepunti0 : = 11931041969777
v=v_elettrone : = 2669201.0094927
x0= : -5.2632848227731E-13
y0= : -4.6441912133421E-12
*****
i=34228
k(34228)=0.99999998689478
kQ(34228)=0.99999997378956
r1= : 4.6739096227172E-12
rpunto1 : = -48535.238996063
rduepunti0 : = -1.0065589883995E+25
fil : = 488.40494256481
fipunto1 : = 5.7100150037162E+17
fi_gradi : = 27983.541902293
t1 : = 1.0809457204946E-14
tpunto1 : = 1.0003540682149
tduepunti0 : = 12236095488447
v=v_elettrone : = 2669224.7437993
x0= : -5.2601686875931E-13
y0= : -4.644221068184E-12
```

```
*****
i=34229
k(34229)=0.99999998624953
kQ(34229)=0.99999997249907
r1= : 4.6739039305678E-12
rpunto1 : = -49715.720817322
rduepunti0 : = -1.0065611985634E+25
fil : = 488.40500953112
fipunto1 : = 5.7100289116695E+17
fi_gradi : = 27983.54573918
t1 : = 1.0809457322266E-14
tpunto1 : = 1.0003540696857
tduepunti0 : = 12541151818903
v=v_elettrone : = 2669249.0795077
x0= : -5.2570523731058E-13
y0= : -4.6442507646328E-12
*****
i=34230
k(34230)=0.99999998558878
kQ(34230)=0.99999997117756
r1= : 4.673898099973E-12
rpunto1 : = -50896.205295258
rduepunti0 : = -1.0065634638315E+25
fil : = 488.40507649759
fipunto1 : = 5.7100431579464E+17
fi_gradi : = 27983.549576076
t1 : = 1.0809457439586E-14
tpunto1 : = 1.0003540711923
tduepunti0 : = 12846211032129
v=v_elettrone : = 2669274.0143408
x0= : -5.2539358794165E-13
y0= : -4.644280302687E-12
*****
i=34231
k(34231)=0.99999998491252
kQ(34231)=0.99999996982504
r1= : 4.6738921309325E-12
rpunto1 : = -52076.692494497
rduepunti0 : = -1.0065657842047E+25
fil : = 488.40514346423
fipunto1 : = 5.7100577425513E+17
fi_gradi : = 27983.553412982
t1 : = 1.0809457556906E-14
tpunto1 : = 1.0003540727346
tduepunti0 : = 13151273199107
v=v_elettrone : = 2669299.5505478
x0= : -5.2508192066328E-13
y0= : -4.644309682345E-12
*****
i=34232
k(34232)=0.99999998422075
kQ(34232)=0.9999999684415
r1= : 4.6738860234461E-12
rpunto1 : = -53257.182479667
rduepunti0 : = -1.0065681596836E+25
fil : = 488.40521043104
fipunto1 : = 5.7100726654889E+17
fi_gradi : = 27983.557249898
t1 : = 1.0809457674226E-14
tpunto1 : = 1.0003540743128
tduepunti0 : = 13456338390825
v=v_elettrone : = 2669325.688118
x0= : -5.24770235486E-13
y0= : -4.6443389036052E-12
```

```
*****
i=34233
k(34233)=0.99999998351348
kQ(34233)=0.99999996702695
r1= : 4.6738797775133E-12
rpunto1 : = -54437.675315395
rduepunti0 : = -1.0065705902688E+25
fil : = 488.40527739803
fipunto1 : = 5.7100879267639E+17
fi_gradi : = 27983.561086823
t1 : = 1.0809457791547E-14
tpunto1 : = 1.0003540759267
tduepunti0 : = 13761406678270
v=v_elettrone : = 2669352.4270346
x0= : -5.244585324203E-13
y0= : -4.6443679664661E-12
*****
i=34234
k(34234)=0.99999998279069
kQ(34234)=0.99999996558139
r1= : 4.6738733931339E-12
rpunto1 : = -55618.171066311
rduepunti0 : = -1.0065730759612E+25
fil : = 488.40534436519
fipunto1 : = 5.7101035263812E+17
fi_gradi : = 27983.564923759
t1 : = 1.0809457908867E-14
tpunto1 : = 1.0003540775764
tduepunti0 : = 14066478132433
v=v_elettrone : = 2669379.7672873
x0= : -5.2414681147671E-13
y0= : -4.6443968709259E-12
*****
i=34235
k(34235)=0.99999998205241
kQ(34235)=0.99999996410481
r1= : 4.6738668703075E-12
rpunto1 : = -56798.669797045
rduepunti0 : = -1.0065756167614E+25
fil : = 488.40541133254
fipunto1 : = 5.7101194643458E+17
fi_gradi : = 27983.568760706
t1 : = 1.0809458026187E-14
tpunto1 : = 1.0003540792619
tduepunti0 : = 14371552824305
v=v_elettrone : = 2669407.7088587
x0= : -5.2383507266573E-13
y0= : -4.6444256169832E-12
*****
i=34236
k(34236)=0.99999998129861
kQ(34236)=0.99999996259722
r1= : 4.6738602090337E-12
rpunto1 : = -57979.171572226
rduepunti0 : = -1.0065782126703E+25
fil : = 488.40547830008
fipunto1 : = 5.7101357406626E+17
fi_gradi : = 27983.572597663
t1 : = 1.0809458143507E-14
tpunto1 : = 1.0003540809831
tduepunti0 : = 14676630824881
v=v_elettrone : = 2669436.249469
x0= : -5.2352331599786E-13
y0= : -4.6444542046363E-12
```

```
*****
i=34237
k(34237)=0.9999999805293
kQ(34237)=0.99999996105861
r1= : 4.6738534093122E-12
rpunto1 : = -59159.676456487
rduepunti0 : = -1.0065808636886E+25
fil : = 488.4055452678
fipunto1 : = 5.710152355337E+17
fi_gradi : = 27983.576434631
t1 : = 1.0809458260828E-14
tpunto1 : = 1.0003540827402
tduepunti0 : = 14981712205155
v=v_elettrone : = 2669465.3913688
x0= : -5.2321154148389E-13
y0= : -4.6444826338836E-12
*****
i=34238
k(34238)=0.99999997974449
kQ(34238)=0.99999995948898
r1= : 4.6738464711426E-12
rpunto1 : = -60340.18451446
rduepunti0 : = -1.0065835698171E+25
fil : = 488.40561223572
fipunto1 : = 5.7101693083741E+17
fi_gradi : = 27983.58027161
t1 : = 1.0809458378148E-14
tpunto1 : = 1.000354084533
tduepunti0 : = 15286797036127
v=v_elettrone : = 2669495.1345429
x0= : -5.2289974913432E-13
y0= : -4.6445109047234E-12
*****
i=34239
k(34239)=0.99999997894417
kQ(34239)=0.99999995788834
r1= : 4.6738393945246E-12
rpunto1 : = -61520.695810779
rduepunti0 : = -1.0065863310566E+25
fil : = 488.40567920384
fipunto1 : = 5.7101865997794E+17
fi_gradi : = 27983.584108601
t1 : = 1.0809458495468E-14
tpunto1 : = 1.0003540863616
tduepunti0 : = 15591885388796
v=v_elettrone : = 2669525.4789761
x0= : -5.2258793895965E-13
y0= : -4.6445390171541E-12
*****
i=34240
k(34240)=0.99999997812834
kQ(34240)=0.99999995625668
r1= : 4.6738321794578E-12
rpunto1 : = -62701.210410078
rduepunti0 : = -1.0065891474079E+25
fil : = 488.40574617217
fipunto1 : = 5.7102042295585E+17
fi_gradi : = 27983.587945603
t1 : = 1.0809458612788E-14
tpunto1 : = 1.000354088226
tduepunti0 : = 15896977334164
v=v_elettrone : = 2669556.422385
x0= : -5.222761109704E-13
y0= : -4.644566971174E-12
```

```
*****
i=34241
k(34241)=0.999999977297
kQ(34241)=0.999999954594
r1= : 4.6738248259418E-12
rpunto1 : = -63881.728376992
rduepunti0 : = -1.0065920188719E+25
fil : = 488.40581314069
fipunto1 : = 5.7102221977168E+17
fi_gradi : = 27983.591782617
t1 : = 1.0809458730108E-14
tpunto1 : = 1.0003540901261
tduepunti0 : = 16202072943237
v=v_elettrone : = 2669587.9692858
x0= : -5.2196426517733E-13
y0= : -4.6445947667814E-12
*****
i=34242
k(34242)=0.99999997645015
kQ(34242)=0.99999995290031
r1= : 4.6738173339762E-12
rpunto1 : = -65062.249776158
rduepunti0 : = -1.0065949454495E+25
fil : = 488.40588010943
fipunto1 : = 5.7102405042602E+17
fi_gradi : = 27983.595619643
t1 : = 1.0809458847429E-14
tpunto1 : = 1.0003540920621
tduepunti0 : = 16507172287021
v=v_elettrone : = 2669620.1151302
x0= : -5.2165240159069E-13
y0= : -4.6446224039748E-12
*****
i=34243
k(34243)=0.9999999755878
kQ(34243)=0.9999999511756
r1= : 4.6738097035605E-12
rpunto1 : = -66242.774672213
rduepunti0 : = -1.0065979271414E+25
fil : = 488.40594707839
fipunto1 : = 5.7102591491944E+17
fi_gradi : = 27983.599456682
t1 : = 1.0809458964749E-14
tpunto1 : = 1.0003540940338
tduepunti0 : = 16812275436524
v=v_elettrone : = 2669652.8621667
x0= : -5.2134052022124E-13
y0= : -4.6446498827524E-12
*****
i=34244
k(34244)=0.99999997470993
kQ(34244)=0.99999994941987
r1= : 4.6738019346945E-12
rpunto1 : = -67423.303129797
rduepunti0 : = -1.0066009639486E+25
fil : = 488.40601404756
fipunto1 : = 5.7102781325255E+17
fi_gradi : = 27983.603293733
t1 : = 1.0809459082069E-14
tpunto1 : = 1.0003540960413
tduepunti0 : = 17117382462760
v=v_elettrone : = 2669686.2081137
x0= : -5.2102862107949E-13
y0= : -4.6446772031125E-12
```

```
*****
i=34245
k(34245)=0.99999997381656
kQ(34245)=0.99999994763312
r1= : 4.6737940273776E-12
rpunto1:= -68603.835213547
rduepunti0 : = -1.0066040558721E+25
fil : = 488.40608101696
fipunto1 : = 5.7102974542594E+17
fi_gradi : = 27983.607130796
t1 : = 1.0809459199389E-14
tpunto1 : = 1.0003540980846
tduerpunti0 : = 17422493436741
v=v_elettrone : = 2669720.1574816
x0= : -5.2071670417621E-13
y0= : -4.6447043650533E-12
*****
i=34246
k(34246)=0.99999997290768
kQ(34246)=0.99999994581535
r1= : 4.6737859816094E-12
rpunto1:= -69784.370988106
rduepunti0 : = -1.0066072029127E+25
fil : = 488.40614798658
fipunto1 : = 5.7103171144024E+17
fi_gradi : = 27983.610967873
t1 : = 1.080945931671E-14
tpunto1 : = 1.0003541001636
tduerpunti0 : = 17727608429483
v=v_elettrone : = 2669754.7079892
x0= : -5.2040476952163E-13
y0= : -4.6447313685734E-12
*****
i=34247
k(34247)=0.99999997198328
kQ(34247)=0.99999994396657
r1= : 4.6737777973896E-12
rpunto1:= -70964.910518115
rduepunti0 : = -1.0066104050713E+25
fil : = 488.40621495643
fipunto1 : = 5.7103371129607E+17
fi_gradi : = 27983.614804963
t1 : = 1.080945943403E-14
tpunto1 : = 1.0003541022785
tduerpunti0 : = 18032727512006
v=v_elettrone : = 2669789.8573541
x0= : -5.2009281712626E-13
y0= : -4.6447582136708E-12
*****
i=34248
k(34248)=0.99999997104338
kQ(34248)=0.99999994208676
r1= : 4.6737694747176E-12
rpunto1:= -72145.453868216
rduepunti0 : = -1.006613662349E+25
fil : = 488.40628192652
fipunto1 : = 5.7103574499406E+17
fi_gradi : = 27983.618642066
t1 : = 1.080945955135E-14
tpunto1 : = 1.0003541044291
tduerpunti0 : = 18337850755331
v=v_elettrone : = 2669825.6078191
x0= : -5.1978084700086E-13
y0= : -4.6447849003439E-12
```

```
*****
i=34249
k(34249)=0.99999997008797
kQ(34249)=0.99999994017593
r1= : 4.673761013593E-12
rpunto1: = -73326.001103054
rduepunti0 : = -1.0066169747467E+25
fil : = 488.40634889685
fipunto1 : = 5.7103781253487E+17
fi_gradi : = 27983.622479183
t1 : = 1.080945966867E-14
tpunto1 : = 1.0003541066156
tduepunti0 : = 18642978230482
v=v_elettrone : = 2669861.9593682
x0= : -5.1946885915594E-13
y0= : -4.644811428591E-12
*****
i=34250
k(34250)=0.99999996911704
kQ(34250)=0.99999993823409
r1= : 4.6737524140154E-12
rpunto1: = -74506.552287274
rduepunti0 : = -1.0066203422654E+25
fil : = 488.40641586742
fipunto1 : = 5.7103991391916E+17
fi_gradi : = 27983.626316314
t1 : = 1.080945978599E-14
tpunto1 : = 1.0003541088378
tduepunti0 : = 18948110008485
v=v_elettrone : = 2669898.9119819
x0= : -5.19156853602E-13
y0= : -4.6448377984102E-12
*****
i=34251
k(34251)=0.99999996813061
kQ(34251)=0.99999993626122
r1= : 4.6737436759844E-12
rpunto1: = -75687.107485522
rduepunti0 : = -1.0066237649061E+25
fil : = 488.40648283823
fipunto1 : = 5.710420491476E+17
fi_gradi : = 27983.630153459
t1 : = 1.0809459903311E-14
tpunto1 : = 1.0003541110958
tduepunti0 : = 19253246160369
v=v_elettrone : = 2669936.4633739
x0= : -5.1884483034953E-13
y0= : -4.6448640097999E-12
*****
i=34252
k(34252)=0.99999996712867
kQ(34252)=0.99999993425733
r1= : 4.6737347994993E-12
rpunto1: = -76867.666762446
rduepunti0 : = -1.0066272426698E+25
fil : = 488.4065498093
fipunto1 : = 5.7104421822086E+17
fi_gradi : = 27983.633990619
t1 : = 1.0809460020631E-14
tpunto1 : = 1.0003541133895
tduepunti0 : = 19558386757167
v=v_elettrone : = 2669974.6157935
x0= : -5.1853278940931E-13
y0= : -4.6448900627583E-12
```

```
*****
i=34253
k(34253)=0.99999996611121
kQ(34253)=0.99999993222242
r1= : 4.6737257845598E-12
rpunto1: = -78048.230182695
rduepunti0 : = -1.0066307755576E+25
fil : = 488.40661678062
fipunto1 : = 5.7104642113964E+17
fi_gradi : = 27983.637827793
t1 : = 1.0809460137951E-14
tpunto1 : = 1.0003541157191
tduepunti0 : = 19863531869913
v=v_elettrone : = 2670013.3714799
x0= : -5.1822073079182E-13
y0= : -4.6449159572836E-12
*****
i=34254
k(34254)=0.99999996507824
kQ(34254)=0.99999993015649
r1= : 4.6737166311653E-12
rpunto1: = -79228.797810918
rduepunti0 : = -1.0066343635705E+25
fil : = 488.40668375219
fipunto1 : = 5.7104865790465E+17
fi_gradi : = 27983.641664981
t1 : = 1.0809460255271E-14
tpunto1 : = 1.0003541180845
tduepunti0 : = 20168681569644
v=v_elettrone : = 2670052.7258863
x0= : -5.1790865450732E-13
y0= : -4.6449416933741E-12
*****
i=34255
k(34255)=0.99999996402977
kQ(34255)=0.99999992805954
r1= : 4.6737073393154E-12
rpunto1: = -80409.369711768
rduepunti0 : = -1.0066380067096E+25
fil : = 488.40675072403
fipunto1 : = 5.7105092851659E+17
fi_gradi : = 27983.645502185
t1 : = 1.0809460372592E-14
tpunto1 : = 1.0003541204856
tduepunti0 : = 20473835927401
v=v_elettrone : = 2670092.6812562
x0= : -5.1759656056655E-13
y0= : -4.644967271028E-12
*****
i=34256
k(34256)=0.99999996296578
kQ(34256)=0.99999992593156
r1= : 4.6736979090096E-12
rpunto1: = -81589.945949895
rduepunti0 : = -1.0066417049759E+25
fil : = 488.40681769614
fipunto1 : = 5.710532329762E+17
fi_gradi : = 27983.649339404
t1 : = 1.0809460489912E-14
tpunto1 : = 1.0003541229225
tduepunti0 : = 20778995014226
v=v_elettrone : = 2670133.2353025
x0= : -5.1728444898002E-13
y0= : -4.6449926902434E-12
```



```
*****
i=34257
k(34257)=0.99999996188628
kQ(34257)=0.99999992377256
r1= : 4.6736883402474E-12
rpunto1 : = -82770.526589956
rduerpunto0 : = -1.0066454583707E+25
fil : = 488.40688466852
fipunto1 : = 5.7105557128421E+17
fi_gradi : = 27983.653176639
t1 : = 1.0809460607232E-14
tpunto1 : = 1.0003541253953
tduerpunto0 : = 21084158901166
v=v_elettrone : = 2670174.3925347
x0= : -5.1697231975849E-13
y0= : -4.6450179510185E-12
*****
i=34258
k(34258)=0.99999996079126
kQ(34258)=0.99999992158253
r1= : 4.6736786330282E-12
rpunto1 : = -83951.111696603
rduerpunto0 : = -1.006649266895E+25
fil : = 488.40695164117
fipunto1 : = 5.7105794344136E+17
fi_gradi : = 27983.657013889
t1 : = 1.0809460724552E-14
tpunto1 : = 1.0003541279038
tduerpunto0 : = 21389327659270
v=v_elettrone : = 2670216.1484017
x0= : -5.166601729122E-13
y0= : -4.6450430533517E-12
*****
i=34259
k(34259)=0.99999995968074
kQ(34259)=0.99999991936148
r1= : 4.6736687873515E-12
rpunto1 : = -85131.701334495
rduerpunto0 : = -1.0066531305499E+25
fil : = 488.4070186141
fipunto1 : = 5.7106034944841E+17
fi_gradi : = 27983.660851155
t1 : = 1.0809460841872E-14
tpunto1 : = 1.0003541304481
tduerpunto0 : = 21694501359590
v=v_elettrone : = 2670258.5051453
x0= : -5.1634800845189E-13
y0= : -4.6450679972409E-12
*****
i=34260
k(34260)=0.9999999585547
kQ(34260)=0.99999991710941
r1= : 4.6736588032168E-12
rpunto1 : = -86312.295568288
rduerpunto0 : = -1.0066570493367E+25
fil : = 488.40708558731
fipunto1 : = 5.7106278930614E+17
fi_gradi : = 27983.664688438
t1 : = 1.0809460959193E-14
tpunto1 : = 1.0003541330282
tduerpunto0 : = 21999680073181
v=v_elettrone : = 2670301.4627438
x0= : -5.1603582638808E-13
y0= : -4.6450927826845E-12
```

```

*****
i=34261
k(34261)=0.99999995741315
kQ(34261)=0.9999999148263
r1= : 4.6736486806235E-12
rpunto1 : = -87492.894462643
rduepunti0 : = -1.0066610232564E+25
fil : = 488.40715256081
fipunto1 : = 5.7106526301531E+17
fi_gradi : = 27983.668525736
t1 : = 1.0809461076513E-14
tpunto1 : = 1.0003541356441
tduerpunti0 : = 22304863871101
v=v_elettrone : = 2670345.021173
x0= : -5.1572362673126E-13
y0= : -4.6451174096805E-12
*****
i=34262
k(34262)=0.99999995625609
kQ(34262)=0.99999991251218
r1= : 4.6736384195712E-12
rpunto1 : = -88673.49808222
rduepunti0 : = -1.0066650523103E+25
fil : = 488.4072195346
fipunto1 : = 5.7106777057673E+17
fi_gradi : = 27983.672363052
t1 : = 1.0809461193833E-14
tpunto1 : = 1.0003541382957
tduerpunti0 : = 22610052824411
v=v_elettrone : = 2670389.1804105
x0= : -5.1541140949191E-13
y0= : -4.6451418782272E-12
*****
i=34263
k(34263)=0.99999995508351
kQ(34263)=0.99999991016703
r1= : 4.6736280200592E-12
rpunto1 : = -89854.10649168
rduepunti0 : = -1.0066691364996E+25
fil : = 488.40728650868
fipunto1 : = 5.7107031199119E+17
fi_gradi : = 27983.676200384
t1 : = 1.0809461311153E-14
tpunto1 : = 1.0003541409832
tduerpunti0 : = 22915247004177
v=v_elettrone : = 2670433.9404342
x0= : -5.1509917468055E-13
y0= : -4.6451661883226E-12
*****
i=34264
k(34264)=0.99999995389542
kQ(34264)=0.99999990779085
r1= : 4.673617482087E-12
rpunto1 : = -91034.719755687
rduepunti0 : = -1.0066732758255E+25
fil : = 488.40735348306
fipunto1 : = 5.710728872595E+17
fi_gradi : = 27983.680037733
t1 : = 1.0809461428474E-14
tpunto1 : = 1.0003541437065
tduerpunti0 : = 23220446481465
v=v_elettrone : = 2670479.2989555
x0= : -5.1478692230765E-13
y0= : -4.6451903399649E-12

```

```
*****
i=34265
k(34265)=0.99999995269182
kQ(34265)=0.99999990538364
r1= : 4.673606805654E-12
rpunto1 : = -92215.337938907
rduepunti0 : = -1.0066774702892E+25
fil : = 488.40742045774
fipunto1 : = 5.7107549638249E+17
fi_gradi : = 27983.6838751
t1 : = 1.0809461545794E-14
tpunto1 : = 1.0003541464655
tduepunti0 : = 23525651327347
v=v_elettrone : = 2670525.258214
x0= : -5.1447465238399E-13
y0= : -4.6452143331523E-12
*****
i=34266
k(34266)=0.9999999514727
kQ(34266)=0.9999999029454
r1= : 4.6735959907597E-12
rpunto1 : = -93395.961106006
rduepunti0 : = -1.006681719892E+25
fil : = 488.40748743273
fipunto1 : = 5.7107813936099E+17
fi_gradi : = 27983.687712484
t1 : = 1.0809461663114E-14
tpunto1 : = 1.0003541492604
tduepunti0 : = 23830861612898
v=v_elettrone : = 2670571.8181875
x0= : -5.1416236492005E-13
y0= : -4.6452381678828E-12
*****
i=34267
k(34267)=0.99999995023807
kQ(34267)=0.99999990047614
r1= : 4.6735850374034E-12
rpunto1 : = -94576.589321651
rduepunti0 : = -1.0066860246352E+25
fil : = 488.40755440803
fipunto1 : = 5.7108081619584E+17
fi_gradi : = 27983.691549886
t1 : = 1.0809461780434E-14
tpunto1 : = 1.000354152091
tduepunti0 : = 24136077409194
v=v_elettrone : = 2670618.9788478
x0= : -5.1385005992633E-13
y0= : -4.6452618441546E-12
*****
i=34268
k(34268)=0.99999994898792
kQ(34268)=0.99999989797585
r1= : 4.6735739455846E-12
rpunto1 : = -95757.222650512
rduepunti0 : = -1.00669038452E+25
fil : = 488.40762138364
fipunto1 : = 5.7108352688791E+17
fi_gradi : = 27983.695387306
t1 : = 1.0809461897754E-14
tpunto1 : = 1.0003541549575
tduepunti0 : = 24441298787317
v=v_elettrone : = 2670666.7401732
x0= : -5.1353773741333E-13
y0= : -4.6452853619658E-12
```

```
*****
i=34269
k(34269)=0.99999994772226
kQ(34269)=0.99999989544452
r1= : 4.6735627153027E-12
rpunto1: = -96937.861157259
rduepunti0 : = -1.0066947995478E+25
fil : = 488.40768835957
fipunto1 : = 5.7108627143805E+17
fi_gradi : = 27983.699224744
t1 : = 1.0809462015075E-14
tpunto1 : = 1.0003541578597
tduepunti0 : = 24746525818352
v=v_elettrone : = 2670715.1021371
x0= : -5.1322539739152E-13
y0= : -4.6453087213144E-12
*****
i=34270
k(34270)=0.99999994644108
kQ(34270)=0.99999989288217
r1= : 4.673551346557E-12
rpunto1: = -98118.504906567
rduepunti0 : = -1.0066992697198E+25
fil : = 488.40775533582
fipunto1 : = 5.7108904984715E+17
fi_gradi : = 27983.703062201
t1 : = 1.0809462132395E-14
tpunto1 : = 1.0003541607978
tduepunti0 : = 25051758573387
v=v_elettrone : = 2670764.0624505
x0= : -5.1291303987142E-13
y0= : -4.6453319221986E-12
*****
i=34271
k(34271)=0.99999994514439
kQ(34271)=0.99999989028879
r1= : 4.6735398393469E-12
rpunto1: = -99299.153963107
rduepunti0 : = -1.0067037950375E+25
fil : = 488.4078223124
fipunto1 : = 5.710918621161E+17
fi_gradi : = 27983.706899676
t1 : = 1.0809462249715E-14
tpunto1 : = 1.0003541637716
tduepunti0 : = 25356997123514
v=v_elettrone : = 2670813.6256145
x0= : -5.1260066486377E-13
y0= : -4.6453549646163E-12
*****
i=34272
k(34272)=0.99999994383218
kQ(34272)=0.99999988766437
r1= : 4.6735281936719E-12
rpunto1: = -100479.80839156
rduepunti0 : = -1.0067083755021E+25
fil : = 488.4078892893
fipunto1 : = 5.7109470824578E+17
fi_gradi : = 27983.71073717
t1 : = 1.0809462367035E-14
tpunto1 : = 1.0003541667812
tduepunti0 : = 25662241539826
v=v_elettrone : = 2670863.787077
x0= : -5.122882723788E-13
y0= : -4.6453778485658E-12
```

```
*****
i=34273
k(34273)=0.99999994250446
kQ(34273)=0.99999988500893
r1= : 4.6735164095313E-12
rpunto1: = -101660.46825659
rduepunti0 : = -1.0067130111151E+25
fil : = 488.40795626654
fipunto1 : = 5.7109758823712E+17
fi_gradi : = 27983.714574683
t1 : = 1.0809462484356E-14
tpunto1 : = 1.0003541698267
tduepunti0 : = 25967491893425
v=v_elettrone : = 2670914.5490735
x0= : -5.1197586242728E-13
y0= : -4.645400574045E-12
*****
i=34274
k(34274)=0.99999994116122
kQ(34274)=0.99999988232245
r1= : 4.6735044869244E-12
rpunto1: = -102841.13362289
rduepunti0 : = -1.0067177018778E+25
fil : = 488.40802324412
fipunto1 : = 5.7110050209103E+17
fi_gradi : = 27983.718412216
t1 : = 1.0809462601676E-14
tpunto1 : = 1.0003541729079
tduepunti0 : = 26272748255411
v=v_elettrone : = 2670965.9115777
x0= : -5.1166343501968E-13
y0= : -4.645423141052E-12
*****
i=34275
k(34275)=0.99999993980247
kQ(34275)=0.99999987960493
r1= : 4.6734924258506E-12
rpunto1: = -104021.80455514
rduepunti0 : = -1.0067224477916E+25
fil : = 488.40809022204
fipunto1 : = 5.7110344980845E+17
fi_gradi : = 27983.722249768
t1 : = 1.0809462718996E-14
tpunto1 : = 1.0003541760249
tduepunti0 : = 26578010696892
v=v_elettrone : = 2671017.8745639
x0= : -5.113509901665E-13
y0= : -4.6454455495849E-12
*****
i=34276
k(34276)=0.99999993842819
kQ(34276)=0.99999987685639
r1= : 4.6734802263093E-12
rpunto1: = -105202.48111802
rduepunti0 : = -1.006727248858E+25
fil : = 488.40815720031
fipunto1 : = 5.7110643139031E+17
fi_gradi : = 27983.72608734
t1 : = 1.0809462836316E-14
tpunto1 : = 1.0003541791778
tduepunti0 : = 26883279288977
v=v_elettrone : = 2671070.4380015
x0= : -5.1103852787823E-13
y0= : -4.6454677996416E-12
```

```
*****
i=34277
k(34277)=0.9999999370384
kQ(34277)=0.99999987407681
r1= : 4.6734678882998E-12
rpunto1 : = -106383.1633762
rduepunti0 : = -1.0067321050783E+25
fil : = 488.40822417893
fipunto1 : = 5.7110944683758E+17
fi_gradi : = 27983.729924932
t1 : = 1.0809462953637E-14
tpunto1 : = 1.0003541823664
tduepunti0 : = 27188554102780
v=v_elettrone : = 2671123.5996033
x0= : -5.1072604816537E-13
y0= : -4.6454898912202E-12
*****
i=34278
k(34278)=0.99999993563309
kQ(34278)=0.99999987126619
r1= : 4.6734554118214E-12
rpunto1 : = -107563.85139439
rduepunti0 : = -1.0067370164542E+25
fil : = 488.4082911579
fipunto1 : = 5.7111249615121E+17
fi_gradi : = 27983.733762544
t1 : = 1.0809463070957E-14
tpunto1 : = 1.0003541855908
tduepunti0 : = 27493835209419
v=v_elettrone : = 2671177.3638656
x0= : -5.1041355103866E-13
y0= : -4.6455118243187E-12
*****
i=34279
k(34279)=0.99999993421227
kQ(34279)=0.99999986842454
r1= : 4.6734427968734E-12
rpunto1 : = -108744.54523726
rduepunti0 : = -1.0067419829869E+25
fil : = 488.40835813722
fipunto1 : = 5.7111557933219E+17
fi_gradi : = 27983.737600177
t1 : = 1.0809463188277E-14
tpunto1 : = 1.0003541888511
tduepunti0 : = 27799122680015
v=v_elettrone : = 2671231.7262327
x0= : -5.1010103650833E-13
y0= : -4.6455335989352E-12
*****
i=34280
k(34280)=0.99999993277593
kQ(34280)=0.99999986555186
r1= : 4.6734300434553E-12
rpunto1 : = -109925.2449695
rduepunti0 : = -1.006747004678E+25
fil : = 488.40842511691
fipunto1 : = 5.7111869638149E+17
fi_gradi : = 27983.74143783
t1 : = 1.0809463305597E-14
tpunto1 : = 1.0003541921471
tduepunti0 : = 28104416585694
v=v_elettrone : = 2671286.6889424
x0= : -5.0978850458514E-13
y0= : -4.6455552150675E-12
```

```
*****
i=34281
k(34281)=0.99999993132407
kQ(34281)=0.99999986264814
r1= : 4.6734171515662E-12
rpunto1 : = -111105.9506558
rduepunti0 : = -1.006752081529E+25
fil : = 488.40849209697
fipunto1 : = 5.7112184730012E+17
fi_gradi : = 27983.745275505
t1 : = 1.0809463422917E-14
tpunto1 : = 1.000354195479
tduepunti0 : = 28409716997585
v=v_elettrone : = 2671342.2519625
x0= : -5.0947595527958E-13
y0= : -4.6455766727138E-12
*****
i=34282
k(34282)=0.99999992985669
kQ(34282)=0.99999985971338
r1= : 4.6734041212055E-12
rpunto1 : = -112286.66236087
rduepunti0 : = -1.0067572135414E+25
fil : = 488.40855907739
fipunto1 : = 5.7112503208908E+17
fi_gradi : = 27983.7491132
t1 : = 1.0809463540238E-14
tpunto1 : = 1.0003541988466
tduepunti0 : = 28715023986822
v=v_elettrone : = 2671398.4152654
x0= : -5.0916338860213E-13
y0= : -4.6455979718719E-12
*****
i=34283
k(34283)=0.99999992837379
kQ(34283)=0.99999985674758
r1= : 4.6733909523724E-12
rpunto1 : = -113467.38014938
rduepunti0 : = -1.0067624007168E+25
fil : = 488.40862605819
fipunto1 : = 5.711282507494E+17
fi_gradi : = 27983.752950917
t1 : = 1.0809463657558E-14
tpunto1 : = 1.0003542022501
tduepunti0 : = 29020337624543
v=v_elettrone : = 2671455.1788201
x0= : -5.0885080456329E-13
y0= : -4.6456191125398E-12
*****
i=34284
k(34284)=0.99999992687537
kQ(34284)=0.99999985375074
r1= : 4.6733776450663E-12
rpunto1 : = -114648.10408605
rduepunti0 : = -1.0067676430567E+25
fil : = 488.40869303936
fipunto1 : = 5.711315032821E+17
fi_gradi : = 27983.756788656
t1 : = 1.0809463774878E-14
tpunto1 : = 1.0003542056894
tduepunti0 : = 29325657981889
v=v_elettrone : = 2671512.5425988
x0= : -5.0853820317353E-13
y0= : -4.6456400947156E-12
```

```
*****
i=34285
k(34285)=0.99999992536143
kQ(34285)=0.99999985072286
r1= : 4.6733641992865E-12
rpunto1 : = -115828.83423556
rduepunti0 : = -1.0067729405626E+25
fil : = 488.40876002092
fipunto1 : = 5.7113478968822E+17
fi_gradi : = 27983.760626417
t1 : = 1.0809463892198E-14
tpunto1 : = 1.0003542091645
tduepunti0 : = 29630985130006
v=v_elettrone : = 2671570.5043068
x0= : -5.0822558444336E-13
y0= : -4.6456609183972E-12
*****
i=34286
k(34286)=0.99999992383197
kQ(34286)=0.99999984766395
r1= : 4.6733506150322E-12
rpunto1 : = -117009.57066261
rduepunti0 : = -1.0067782932363E+25
fil : = 488.40882700286
fipunto1 : = 5.7113810996882E+17
fi_gradi : = 27983.764464199
t1 : = 1.0809464009519E-14
tpunto1 : = 1.0003542126754
tduepunti0 : = 29936319140044
v=v_elettrone : = 2671629.0684386
x0= : -5.0791294838353E-13
y0= : -4.6456815835824E-12
*****
i=34287
k(34287)=0.99999992228699
kQ(34287)=0.99999984457399
r1= : 4.6733368923026E-12
rpunto1 : = -118190.31343191
rduepunti0 : = -1.0067837010792E+25
fil : = 488.40889398519
fipunto1 : = 5.7114146412496E+17
fi_gradi : = 27983.768302004
t1 : = 1.0809464126839E-14
tpunto1 : = 1.0003542162221
tduepunti0 : = 30241660083157
v=v_elettrone : = 2671688.2304406
x0= : -5.0760029500425E-13
y0= : -4.6457020902694E-12
*****
i=34288
k(34288)=0.99999992072649
kQ(34288)=0.999999841453
r1= : 4.6733230310971E-12
rpunto1 : = -119371.06260817
rduepunti0 : = -1.0067891640929E+25
fil : = 488.40896096792
fipunto1 : = 5.711448521577E+17
fi_gradi : = 27983.772139831
t1 : = 1.0809464244159E-14
tpunto1 : = 1.0003542198046
tduepunti0 : = 30547008030504
v=v_elettrone : = 2671747.9925412
x0= : -5.0728762431628E-13
y0= : -4.6457224384558E-12
```



```
*****
i=34289
k(34289)=0.99999991915047
kQ(34289)=0.99999983830096
r1= : 4.6733090314148E-12
rpunto1 : = -120551.81825608
rduepunti0 : = -1.0067946822792E+25
fil : = 488.40902795104
fipunto1 : = 5.7114827406815E+17
fi_gradi : = 27983.775977682
t1 : = 1.0809464361479E-14
tpunto1 : = 1.0003542234229
tduepunti0 : = 30852363053249
v=v_elettrone : = 2671808.3547108
x0= : -5.0697493633011E-13
y0= : -4.6457426281398E-12
*****
i=34290
k(34290)=0.99999991755893
kQ(34290)=0.99999983511787
r1= : 4.6732948932551E-12
rpunto1 : = -121732.58044035
rduepunti0 : = -1.0068002556397E+25
fil : = 488.40909493456
fipunto1 : = 5.7115172985739E+17
fi_gradi : = 27983.779815555
t1 : = 1.08094644788E-14
tpunto1 : = 1.000354227077
tduepunti0 : = 31157725222557
v=v_elettrone : = 2671869.3169173
x0= : -5.0666223105623E-13
y0= : -4.6457626593192E-12
*****
i=34291
k(34291)=0.99999991595187
kQ(34291)=0.99999983190375
r1= : 4.6732806166171E-12
rpunto1 : = -122913.3492257
rduepunti0 : = -1.006805884176E+25
fil : = 488.40916191849
fipunto1 : = 5.7115521952652E+17
fi_gradi : = 27983.783653451
t1 : = 1.080946459612E-14
tpunto1 : = 1.000354230767
tduepunti0 : = 31463094609602
v=v_elettrone : = 2671930.8791278
x0= : -5.0634950850511E-13
y0= : -4.6457825319919E-12
*****
i=34292
k(34292)=0.99999991432929
kQ(34292)=0.99999982865858
r1= : 4.6732662015002E-12
rpunto1 : = -124094.12467683
rduepunti0 : = -1.0068115678898E+25
fil : = 488.40922890283
fipunto1 : = 5.7115874307667E+17
fi_gradi : = 27983.787491371
t1 : = 1.080946471344E-14
tpunto1 : = 1.0003542344928
tduepunti0 : = 31768471285559
v=v_elettrone : = 2671993.041311
x0= : -5.0603676868726E-13
y0= : -4.6458022461558E-12
```

```
*****
i=34293
k(34293)=0.99999991269118
kQ(34293)=0.99999982538237
r1= : 4.6732516479034E-12
rpunto1 : = -125274.90685847
rduepunti0 : = -1.0068173067829E+25
fil : = 488.40929588758
fipunto1 : = 5.7116230050896E+17
fi_gradi : = 27983.791329315
t1 : = 1.080946483076E-14
tpunto1 : = 1.0003542382543
tduepunti0 : = 32073855321610
v=v_elettrone : = 2672055.8034338
x0= : -5.0572401161316E-13
y0= : -4.6458218018088E-12
*****
i=34294
k(34294)=0.99999991103755
kQ(34294)=0.99999982207511
r1= : 4.673236955826E-12
rpunto1 : = -126455.69583531
rduepunti0 : = -1.0068231008569E+25
fil : = 488.40936287275
fipunto1 : = 5.7116589182454E+17
fi_gradi : = 27983.795167282
t1 : = 1.0809464948081E-14
tpunto1 : = 1.0003542420517
tduepunti0 : = 32379246788938
v=v_elettrone : = 2672119.1654623
x0= : -5.0541123729329E-13
y0= : -4.6458411989487E-12
*****
i=34295
k(34295)=0.9999999093684
kQ(34295)=0.9999998187368
r1= : 4.6732221252672E-12
rpunto1 : = -127636.49167209
rduepunti0 : = -1.0068289501136E+25
fil : = 488.40942985834
fipunto1 : = 5.7116951702455E+17
fi_gradi : = 27983.799005274
t1 : = 1.0809465065401E-14
tpunto1 : = 1.0003542458849
tduepunti0 : = 32684645758735
v=v_elettrone : = 2672183.125102
x0= : -5.0509844573814E-13
y0= : -4.6458604375735E-12
*****
i=34296
k(34296)=0.99999990768372
kQ(34296)=0.99999981536745
r1= : 4.6732071562262E-12
rpunto1 : = -128817.29443352
rduepunti0 : = -1.0068348545547E+25
fil : = 488.40949684435
fipunto1 : = 5.7117317611015E+17
fi_gradi : = 27983.80284329
t1 : = 1.0809465182721E-14
tpunto1 : = 1.000354249754
tduepunti0 : = 32990052302195
v=v_elettrone : = 2672247.6868432
x0= : -5.0478563695846E-13
y0= : -4.645879517681E-12
```

```
*****
i=34297
k(34297)=0.99999990598352
kQ(34297)=0.99999981196705
r1= : 4.6731920487023E-12
rpunto1 : = -129998.10418432
rduepunti0 : = -1.006840814182E+25
fil : = 488.4095638308
fipunto1 : = 5.7117686908252E+17
fi_gradi : = 27983.80668133
t1 : = 1.0809465300041E-14
tpunto1 : = 1.0003542536588
tduepunti0 : = 33295466490516
v=v_elettrone : = 2672312.8461277
x0= : -5.0447281096448E-13
y0= : -4.645898439269E-12
*****
i=34298
k(34298)=0.9999999042678
kQ(34298)=0.9999998085356
r1= : 4.6731768026945E-12
rpunto1 : = -131178.92098922
rduepunti0 : = -1.0068468289973E+25
fil : = 488.40963081767
fipunto1 : = 5.7118059594284E+17
fi_gradi : = 27983.810519395
t1 : = 1.0809465417361E-14
tpunto1 : = 1.0003542575995
tduepunti0 : = 33600888394904
v=v_elettrone : = 2672378.605183
x0= : -5.0415996776695E-13
y0= : -4.6459172023353E-12
*****
i=34299
k(34299)=0.99999990253655
kQ(34299)=0.99999980507311
r1= : 4.673161418202E-12
rpunto1 : = -132359.74491295
rduepunti0 : = -1.0068528990023E+25
fil : = 488.40969780499
fipunto1 : = 5.7118435669229E+17
fi_gradi : = 27983.814357486
t1 : = 1.0809465534682E-14
tpunto1 : = 1.000354261576
tduepunti0 : = 33906318086567
v=v_elettrone : = 2672444.9662367
x0= : -5.0384710737634E-13
y0= : -4.6459358068779E-12
*****
i=34300
k(34300)=0.99999990078977
kQ(34300)=0.99999980157956
r1= : 4.6731458952241E-12
rpunto1 : = -133540.57602022
rduepunti0 : = -1.006859024199E+25
fil : = 488.40976479274
fipunto1 : = 5.711881513321E+17
fi_gradi : = 27983.818195601
t1 : = 1.0809465652002E-14
tpunto1 : = 1.0003542655883
tduepunti0 : = 34211755636718
v=v_elettrone : = 2672511.9247305
x0= : -5.0353422980289E-13
y0= : -4.6459542528945E-12
```

```
*****
i=34301
k(34301)=0.99999989902748
kQ(34301)=0.99999979805496
r1= : 4.6731302337598E-12
rpunto1: = -134721.41437577
rduepunti0 : = -1.0068652045891E+25
fil : = 488.40983178094
fipunto1 : = 5.7119197986346E+17
fi_gradi : = 27983.822033743
t1 : = 1.0809465769322E-14
tpunto1 : = 1.0003542696364
tduepunti0 : = 34517201116576
v=v_elettrone : = 2672579.4828908
x0= : -5.0322133505735E-13
y0= : -4.645972540383E-12
*****
i=34302
k(34302)=0.99999989724965
kQ(34302)=0.99999979449931
r1= : 4.6731144338084E-12
rpunto1: = -135902.26004434
rduepunti0 : = -1.0068714401745E+25
fil : = 488.40989876959
fipunto1 : = 5.7119584228762E+17
fi_gradi : = 27983.825871909
t1 : = 1.0809465886642E-14
tpunto1 : = 1.0003542737204
tduepunti0 : = 34822654597365
v=v_elettrone : = 2672647.6406813
x0= : -5.0290842315019E-13
y0= : -4.6459906693411E-12
*****
i=34303
k(34303)=0.9999998954563
kQ(34303)=0.99999979091261
r1= : 4.6730984953689E-12
rpunto1: = -137083.11309065
rduepunti0 : = -1.0068777309571E+25
fil : = 488.40996575869
fipunto1 : = 5.711997386058E+17
fi_gradi : = 27983.829710102
t1 : = 1.0809466003963E-14
tpunto1 : = 1.0003542778402
tduepunti0 : = 35128116150312
v=v_elettrone : = 2672716.3980673
x0= : -5.0259549409192E-13
y0= : -4.6460086397667E-12
*****
i=34304
k(34304)=0.99999989364742
kQ(34304)=0.99999978729486
r1= : 4.6730824184405E-12
rpunto1: = -138263.97357945
rduepunti0 : = -1.0068840769386E+25
fil : = 488.41003274825
fipunto1 : = 5.7120366881925E+17
fi_gradi : = 27983.833548321
t1 : = 1.0809466121283E-14
tpunto1 : = 1.0003542819958
tduepunti0 : = 35433585846651
v=v_elettrone : = 2672785.7550119
x0= : -5.02282547893E-13
y0= : -4.6460264516575E-12
```

```
*****
i=34305
k(34305)=0.99999989182302
kQ(34305)=0.99999978364605
r1= : 4.6730662030224E-12
rpunto1: = -139444.84157547
rduepunti0 : = -1.0068904781212E+25
fil : = 488.41009973827
fipunto1 : = 5.7120763292924E+17
fi_gradi : = 27983.837386567
t1 : = 1.0809466238603E-14
tpunto1 : = 1.0003542861872
tduepunti0 : = 35739063757620
v=v_elettrone : = 2672855.7092163
x0= : -5.0196958456394E-13
y0= : -4.6460441050114E-12
*****
i=34306
k(34306)=0.99999988998309
kQ(34306)=0.99999977996619
r1= : 4.6730498491136E-12
rpunto1: = -140625.71714346
rduepunti0 : = -1.0068969345065E+25
fil : = 488.41016672876
fipunto1 : = 5.7121163093703E+17
fi_gradi : = 27983.841224839
t1 : = 1.0809466355923E-14
tpunto1 : = 1.0003542904145
tduepunti0 : = 36044549954463
v=v_elettrone : = 2672926.2651684
x0= : -5.0165660411547E-13
y0= : -4.646061599826E-12
*****
i=34307
k(34307)=0.99999988812763
kQ(34307)=0.99999977625527
r1= : 4.6730333567132E-12
rpunto1: = -141806.60034815
rduepunti0 : = -1.0069034460967E+25
fil : = 488.41023371971
fipunto1 : = 5.712156628439E+17
fi_gradi : = 27983.845063138
t1 : = 1.0809466473244E-14
tpunto1 : = 1.0003542946775
tduepunti0 : = 36350044508428
v=v_elettrone : = 2672997.4205699
x0= : -5.0134360655783E-13
y0= : -4.6460789360991E-12
*****
i=34308
k(34308)=0.99999988625664
kQ(34308)=0.9999997725133
r1= : 4.6730167258204E-12
rpunto1: = -142987.4912543
rduepunti0 : = -1.0069100128936E+25
fil : = 488.41030071114
fipunto1 : = 5.7121972865115E+17
fi_gradi : = 27983.848901464
t1 : = 1.0809466590564E-14
tpunto1 : = 1.0003542989765
tduepunti0 : = 36655547490770
v=v_elettrone : = 2673069.173119
x0= : -5.0103059190149E-13
y0= : -4.6460961138286E-12
```

```
*****
i=34309
k(34309)=0.99999988437013
kQ(34309)=0.99999976874027
r1= : 4.6729999564343E-12
rpunto1 : = -144168.38992665
rduepunti0 : = -1.0069166348992E+25
fil : = 488.41036770304
fipunto1 : = 5.7122382836008E+17
fi_gradi : = 27983.852739817
t1 : = 1.0809466707884E-14
tpunto1 : = 1.0003543033112
tduepunti0 : = 36961058972746
v=v_elettrone : = 2673141.5273053
x0= : -5.0071756015721E-13
y0= : -4.6461131330121E-12
*****
i=34310
k(34310)=0.99999988246808
kQ(34310)=0.99999976493618
r1= : 4.6729830485539E-12
rpunto1 : = -145349.29642995
rduepunti0 : = -1.0069233121155E+25
fil : = 488.41043469542
fipunto1 : = 5.7122796197201E+17
fi_gradi : = 27983.856578198
t1 : = 1.0809466825204E-14
tpunto1 : = 1.0003543076818
tduepunti0 : = 37266579025623
v=v_elettrone : = 2673214.4785632
x0= : -5.004045113352E-13
y0= : -4.6461299936474E-12
*****
i=34311
k(34311)=0.99999988055051
kQ(34311)=0.99999976110103
r1= : 4.6729660021783E-12
rpunto1 : = -146530.21082896
rduepunti0 : = -1.0069300445444E+25
fil : = 488.41050168829
fipunto1 : = 5.7123212948825E+17
fi_gradi : = 27983.860416606
t1 : = 1.0809466942525E-14
tpunto1 : = 1.0003543120882
tduepunti0 : = 37572107720668
v=v_elettrone : = 2673288.0313822
x0= : -5.0009144544623E-13
y0= : -4.6461466957322E-12
*****
i=34312
k(34312)=0.99999987861741
kQ(34312)=0.99999975723483
r1= : 4.6729488173067E-12
rpunto1 : = -147711.13318842
rduepunti0 : = -1.0069368321881E+25
fil : = 488.41056868165
fipunto1 : = 5.7123633091014E+17
fi_gradi : = 27983.864255043
t1 : = 1.0809467059845E-14
tpunto1 : = 1.0003543165304
tduepunti0 : = 37877645129157
v=v_elettrone : = 2673362.181196
x0= : -4.997783625005E-13
y0= : -4.6461632392643E-12
```

```
*****
i=34313
k(34313)=0.99999987666877
kQ(34313)=0.99999975333756
r1= : 4.672931493938E-12
rpunto1 : = -148892.06357311
rduepunti0 : = -1.0069436750485E+25
fil : = 488.4106356755
fipunto1 : = 5.7124056623903E+17
fi_gradi : = 27983.868093508
t1 : = 1.0809467177165E-14
tpunto1 : = 1.0003543210085
tduepunti0 : = 38183191322370
v=v_elettrone : = 2673436.9302289
x0= : -4.9946526250878E-13
y0= : -4.6461796242413E-12
*****
i=34314
k(34314)=0.99999987470461
kQ(34314)=0.99999974940924
r1= : 4.6729140320713E-12
rpunto1 : = -150073.00204777
rduepunti0 : = -1.0069505731277E+25
fil : = 488.41070266985
fipunto1 : = 5.7124483547628E+17
fi_gradi : = 27983.871932001
t1 : = 1.0809467294485E-14
tpunto1 : = 1.0003543255224
tduepunti0 : = 38488746371594
v=v_elettrone : = 2673512.2807053
x0= : -4.9915214548155E-13
y0= : -4.6461958506609E-12
*****
i=34315
k(34315)=0.99999987272492
kQ(34315)=0.99999974544985
r1= : 4.6728964317057E-12
rpunto1 : = -151253.94867717
rduepunti0 : = -1.0069575264278E+25
fil : = 488.4107696647
fipunto1 : = 5.7124913862326E+17
fi_gradi : = 27983.875770523
t1 : = 1.0809467411806E-14
tpunto1 : = 1.0003543300722
tduepunti0 : = 38794310348119
v=v_elettrone : = 2673588.2280592
x0= : -4.9883901142902E-13
y0= : -4.6462119185209E-12
*****
i=34316
k(34316)=0.99999987072969
kQ(34316)=0.99999974145939
r1= : 4.6728786928403E-12
rpunto1 : = -152434.90352607
rduepunti0 : = -1.0069645349507E+25
fil : = 488.41083666005
fipunto1 : = 5.7125347568134E+17
fi_gradi : = 27983.879609074
t1 : = 1.0809467529126E-14
tpunto1 : = 1.0003543346577
tduepunti0 : = 39099883323242
v=v_elettrone : = 2673664.7745143
x0= : -4.9852586036195E-13
y0= : -4.6462278278189E-12
```

```
*****
i=34317
k(34317)=0.99999986871893
kQ(34317)=0.99999973743788
r1= : 4.672860815474E-12
rpunto1 : = -153615.86665925
rduerpunti0 : = -1.0069715986988E+25
fil : = 488.41090365591
fipunto1 : = 5.7125784665191E+17
fi_gradi : = 27983.883447654
t1 : = 1.0809467646446E-14
tpunto1 : = 1.0003543392792
tduerpunti0 : = 39405465368266
v=v_elettrone : = 2673741.9200312
x0= : -4.9821269229082E-13
y0= : -4.6462435785526E-12
*****
i=34318
k(34318)=0.99999986669264
kQ(34318)=0.9999997333853
r1= : 4.6728427996058E-12
rpunto1 : = -154796.83814146
rduerpunti0 : = -1.0069787176739E+25
fil : = 488.41097065228
fipunto1 : = 5.7126225153639E+17
fi_gradi : = 27983.887286264
t1 : = 1.0809467763766E-14
tpunto1 : = 1.0003543439364
tduerpunti0 : = 39711056554498
v=v_elettrone : = 2673819.6645652
x0= : -4.9789950722613E-13
y0= : -4.6462591707196E-12
*****
i=34319
k(34319)=0.99999986465082
kQ(34319)=0.99999972930165
r1= : 4.6728246452349E-12
rpunto1 : = -155977.81803749
rduerpunti0 : = -1.0069858918784E+25
fil : = 488.41103764917
fipunto1 : = 5.7126669033617E+17
fi_gradi : = 27983.891124903
t1 : = 1.0809467881087E-14
tpunto1 : = 1.0003543486295
tduerpunti0 : = 40016656953253
v=v_elettrone : = 2673898.0080817
x0= : -4.9758630517835E-13
y0= : -4.6462746043177E-12
*****
i=34320
k(34320)=0.99999986259346
kQ(34320)=0.99999972518694
r1= : 4.6728063523603E-12
rpunto1 : = -157158.80641211
rduerpunti0 : = -1.0069931213143E+25
fil : = 488.41110464659
fipunto1 : = 5.7127116305268E+17
fi_gradi : = 27983.894963572
t1 : = 1.0809467998407E-14
tpunto1 : = 1.0003543533585
tduerpunti0 : = 40322266635849
v=v_elettrone : = 2673976.952795
x0= : -4.9727308615798E-13
y0= : -4.6462898793444E-12
```



```
*****
i=34321
k(34321)=0.99999986052057
kQ(34321)=0.99999972104116
r1= : 4.6727879209808E-12
rpunto1 : = -158339.80333009
rduerpunti0 : = -1.0070004059838E+25
fil : = 488.41117164452
fipunto1 : = 5.7127566968737E+17
fi_gradi : = 27983.898802271
t1 : = 1.0809468115727E-14
tpunto1 : = 1.0003543581233
tduerpunti0 : = 40627885673612
v=v_elettrone : = 2674056.4941451
x0= : -4.9695985017524E-13
y0= : -4.6463049957974E-12
*****
i=34322
k(34322)=0.99999985843215
kQ(34322)=0.99999971686432
r1= : 4.6727693510956E-12
rpunto1 : = -159520.80885622
rduerpunti0 : = -1.007007745889E+25
fil : = 488.41123864299
fipunto1 : = 5.7128021024166E+17
fi_gradi : = 27983.902641
t1 : = 1.0809468233047E-14
tpunto1 : = 1.0003543629239
tduerpunti0 : = 40933514137873
v=v_elettrone : = 2674136.6343507
x0= : -4.9664659724087E-13
y0= : -4.6463199536744E-12
*****
i=34323
k(34323)=0.99999985632819
kQ(34323)=0.9999997126564
r1= : 4.6727506427035E-12
rpunto1 : = -160701.82305528
rduerpunti0 : = -1.0070151410323E+25
fil : = 488.41130564198
fipunto1 : = 5.7128478471702E+17
fi_gradi : = 27983.90647976
t1 : = 1.0809468350368E-14
tpunto1 : = 1.0003543677604
tduerpunti0 : = 41239152099969
v=v_elettrone : = 2674217.3733664
x0= : -4.9633332736536E-13
y0= : -4.646334752973E-12
*****
i=34324
k(34324)=0.9999998542087
kQ(34324)=0.99999970841741
r1= : 4.6727317958037E-12
rpunto1 : = -161882.84599204
rduerpunti0 : = -1.0070225914157E+25
fil : = 488.41137264152
fipunto1 : = 5.7128939311491E+17
fi_gradi : = 27983.91031855
t1 : = 1.0809468467688E-14
tpunto1 : = 1.0003543726327
tduerpunti0 : = 41544799631241
v=v_elettrone : = 2674298.7111557
x0= : -4.960200405592E-13
y0= : -4.6463493936907E-12
```

```
*****
i=34325
k(34325)=0.99999985207367
kQ(34325)=0.99999970414736
r1= : 4.6727128103951E-12
rpunto1 : = -163063.87773131
rduepunti0 : = -1.0070300970415E+25
fil : = 488.41143964159
fipunto1 : = 5.7129403543681E+17
fi_gradi : = 27983.914157372
t1 : = 1.0809468585008E-14
tpunto1 : = 1.0003543775408
tduepunti0 : = 41850456803040
v=v_elettrone : = 2674380.6476721
x0= : -4.9570673683288E-13
y0= : -4.6463638758252E-12
*****
i=34326
k(34326)=0.9999998499231
kQ(34326)=0.99999969984623
r1= : 4.6726936864765E-12
rpunto1 : = -164244.91833787
rduepunti0 : = -1.0070376579121E+25
fil : = 488.41150664221
fipunto1 : = 5.7129871168422E+17
fi_gradi : = 27983.917996224
t1 : = 1.0809468702328E-14
tpunto1 : = 1.0003543824849
tduepunti0 : = 42156123686719
v=v_elettrone : = 2674463.1828726
x0= : -4.9539341619688E-13
y0= : -4.6463781993741E-12
*****
i=34327
k(34327)=0.999999847757
kQ(34327)=0.99999969551403
r1= : 4.6726744240471E-12
rpunto1 : = -165425.96787651
rduepunti0 : = -1.0070452740296E+25
fil : = 488.41157364337
fipunto1 : = 5.7130342185863E+17
fi_gradi : = 27983.921835108
t1 : = 1.0809468819649E-14
tpunto1 : = 1.0003543874647
tduepunti0 : = 42461800353639
v=v_elettrone : = 2674546.3167138
x0= : -4.9508007866169E-13
y0= : -4.6463923643349E-12
*****
i=34328
k(34328)=0.99999984557536
kQ(34328)=0.99999969115075
r1= : 4.6726550231058E-12
rpunto1 : = -166607.02641203
rduepunti0 : = -1.0070529453963E+25
fil : = 488.41164064509
fipunto1 : = 5.7130816596154E+17
fi_gradi : = 27983.925674024
t1 : = 1.0809468936969E-14
tpunto1 : = 1.0003543924804
tduepunti0 : = 42767486875166
v=v_elettrone : = 2674630.0491554
x0= : -4.9476672423781E-13
y0= : -4.6464063707053E-12
```

```
*****
i=34329
k(34329)=0.99999984337819
kQ(34329)=0.9999996867564
r1= : 4.6726354836514E-12
rpunto1 : = -167788.09400922
rduepunti0 : = -1.0070606720145E+25
fil : = 488.41170764737
fipunto1 : = 5.7131294399449E+17
fi_gradi : = 27983.929512972
t1 : = 1.0809469054289E-14
tpunto1 : = 1.000354397532
tduepunti0 : = 43073183322675
v=v_elettrone : = 2674714.3801504
x0= : -4.944533529357E-13
y0= : -4.6464202184829E-12
*****
i=34330
k(34330)=0.99999984116548
kQ(34330)=0.99999968233098
r1= : 4.672615805683E-12
rpunto1 : = -168969.1707329
rduepunti0 : = -1.0070684538865E+25
fil : = 488.4117746502
fipunto1 : = 5.7131775595901E+17
fi_gradi : = 27983.933351951
t1 : = 1.0809469171609E-14
tpunto1 : = 1.0003544026194
tduepunti0 : = 43378889767542
v=v_elettrone : = 2674799.3096543
x0= : -4.9413996476587E-13
y0= : -4.6464339076651E-12
*****
i=34331
k(34331)=0.99999983893722
kQ(34331)=0.99999967787448
r1= : 4.6725959891994E-12
rpunto1 : = -170150.25664785
rduepunti0 : = -1.0070762910147E+25
fil : = 488.4118416536
fipunto1 : = 5.7132260185663E+17
fi_gradi : = 27983.937190963
t1 : = 1.080946928893E-14
tpunto1 : = 1.0003544077427
tduepunti0 : = 43684606281155
v=v_elettrone : = 2674884.8376255
x0= : -4.938265597388E-13
y0= : -4.6464474382495E-12
*****
i=34332
k(34332)=0.99999983669343
kQ(34332)=0.9999996733869
r1= : 4.6725760341997E-12
rpunto1 : = -171331.3518189
rduepunti0 : = -1.0070841834015E+25
fil : = 488.41190865757
fipunto1 : = 5.7132748168892E+17
fi_gradi : = 27983.941030008
t1 : = 1.080946940625E-14
tpunto1 : = 1.0003544129018
tduepunti0 : = 43990332934903
v=v_elettrone : = 2674970.9640156
x0= : -4.9351313786498E-13
y0= : -4.6464608102337E-12
```

```
*****
i=34333
k(34333)=0.99999983443411
kQ(34333)=0.99999966886824
r1= : 4.6725559406826E-12
rpunto1 : = -172512.45631084
rduepunti0 : = -1.0070921310491E+25
fil : = 488.41197566211
fipunto1 : = 5.7133239545744E+17
fi_gradi : = 27983.944869085
t1 : = 1.080946952357E-14
tpunto1 : = 1.0003544180968
tduepunti0 : = 44296069800185
v=v_elettrone : = 2675057.6887815
x0= : -4.9319969915489E-13
y0= : -4.6464740236152E-12
*****
i=34334
k(34334)=0.99999983215924
kQ(34334)=0.9999996643185
r1= : 4.6725357086471E-12
rpunto1 : = -173693.57018849
rduepunti0 : = -1.00710013396E+25
fil : = 488.41204266723
fipunto1 : = 5.7133734316376E+17
fi_gradi : = 27983.948708196
t1 : = 1.080946964089E-14
tpunto1 : = 1.0003544233277
tduepunti0 : = 44601816948405
v=v_elettrone : = 2675145.0118787
x0= : -4.9288624361903E-13
y0= : -4.6464870783915E-12
*****
i=34335
k(34335)=0.99999982986883
kQ(34335)=0.99999965973768
r1= : 4.6725153380922E-12
rpunto1 : = -174874.69351666
rduepunti0 : = -1.0071081921365E+25
fil : = 488.41210967293
fipunto1 : = 5.7134232480948E+17
fi_gradi : = 27983.952547339
t1 : = 1.0809469758211E-14
tpunto1 : = 1.0003544285944
tduepunti0 : = 44907574450973
v=v_elettrone : = 2675232.9332577
x0= : -4.9257277126789E-13
y0= : -4.6464999745602E-12
*****
i=34336
k(34336)=0.99999982756288
kQ(34336)=0.99999965512578
r1= : 4.6724948290166E-12
rpunto1 : = -176055.82636018
rduepunti0 : = -1.0071163055811E+25
fil : = 488.41217667921
fipunto1 : = 5.7134734039618E+17
fi_gradi : = 27983.956386516
t1 : = 1.0809469875531E-14
tpunto1 : = 1.0003544338969
tduepunti0 : = 45213342379306
v=v_elettrone : = 2675321.452878
x0= : -4.9225928211194E-13
y0= : -4.6465127121188E-12
```

```

*****
i=34337
k(34337)=0.99999982524139
kQ(34337)=0.9999996504828
r1= : 4.6724741814194E-12
rpunto1: = -177236.96878386
rduepunti0 : = -1.0071244742963E+25
fil : = 488.41224368608
fipunto1 : = 5.7135238992549E+17
fi_gradi : = 27983.960225727
t1 : = 1.0809469992851E-14
tpunto1 : = 1.0003544392353
tduepunti0 : = 45519120804828
v=v_elettrone : = 2675410.5706887
x0= : -4.9194577616169E-13
y0= : -4.6465252910647E-12
*****
i=34338
k(34338)=0.99999982290435
kQ(34338)=0.99999964580874
r1= : 4.6724533952993E-12
rpunto1: = -178418.12085252
rduepunti0 : = -1.0071326982844E+25
fil : = 488.41231069354
fipunto1 : = 5.7135747339901E+17
fi_gradi : = 27983.964064972
t1 : = 1.0809470110172E-14
tpunto1 : = 1.0003544446096
tduepunti0 : = 45824909798967
v=v_elettrone : = 2675500.2866443
x0= : -4.9163225342761E-13
y0= : -4.6465377113955E-12
*****
i=34339
k(34339)=0.99999982055178
kQ(34339)=0.99999964110359
r1= : 4.6724324706552E-12
rpunto1: = -179599.282631
rduepunti0 : = -1.0071409775479E+25
fil : = 488.4123777016
fipunto1 : = 5.7136259081839E+17
fi_gradi : = 27983.967904251
t1 : = 1.0809470227492E-14
tpunto1 : = 1.0003544500198
tduepunti0 : = 46130709433160
v=v_elettrone : = 2675590.6006997
x0= : -4.9131871392021E-13
y0= : -4.6465499731086E-12
*****
i=34340
k(34340)=0.99999981818366
kQ(34340)=0.99999963636735
r1= : 4.672411407486E-12
rpunto1: = -180780.45418411
rduepunti0 : = -1.0071493120893E+25
fil : = 488.41244471025
fipunto1 : = 5.7136774218526E+17
fi_gradi : = 27983.971743564
t1 : = 1.0809470344812E-14
tpunto1 : = 1.0003544554658
tduepunti0 : = 46436519778851
v=v_elettrone : = 2675681.5128043
x0= : -4.9100515764996E-13
y0= : -4.6465620762015E-12

```

```
*****
i=34341
k(34341)=0.9999998158
kQ(34341)=0.99999963160003
r1= : 4.6723902057905E-12
rpunto1: = -181961.6355767
rduepunti0 : = -1.0071577019111E+25
fil : = 488.41251171952
fipunto1 : = 5.7137292750128E+17
fi_gradi : = 27983.975582912
t1 : = 1.0809470462132E-14
tpunto1 : = 1.0003544609477
tduepunti0 : = 46742340907489
v=v_elettrone : = 2675773.0251742
x0= : -4.9069158462737E-13
y0= : -4.6465740206717E-12
*****
i=34342
k(34342)=0.99999981340079
kQ(34342)=0.99999962680162
r1= : 4.6723688655677E-12
rpunto1: = -183142.8268736
rduepunti0 : = -1.0071661470158E+25
fil : = 488.41257872939
fipunto1 : = 5.7137814676811E+17
fi_gradi : = 27983.979422295
t1 : = 1.0809470579453E-14
tpunto1 : = 1.0003544664654
tduepunti0 : = 47048172890531
v=v_elettrone : = 2675865.1332386
x0= : -4.9037799486264E-13
y0= : -4.6465858065166E-12
*****
i=34343
k(34343)=0.99999981098604
kQ(34343)=0.99999962197212
r1= : 4.6723473868163E-12
rpunto1: = -184324.02813965
rduepunti0 : = -1.0071746474059E+25
fil : = 488.41264573987
fipunto1 : = 5.7138339998743E+17
fi_gradi : = 27983.983261713
t1 : = 1.0809470696773E-14
tpunto1 : = 1.000354472019
tduepunti0 : = 47354015799438
v=v_elettrone : = 2675957.8392112
x0= : -4.9006438836655E-13
y0= : -4.6465974337338E-12
*****
i=34344
k(34344)=0.99999980855575
kQ(34344)=0.99999961711154
r1= : 4.6723257695351E-12
rpunto1: = -185505.23943968
rduepunti0 : = -1.0071832030841E+25
fil : = 488.41271275097
fipunto1 : = 5.7138868716091E+17
fi_gradi : = 27983.987101166
t1 : = 1.0809470814093E-14
tpunto1 : = 1.0003544776085
tduepunti0 : = 47659869705682
v=v_elettrone : = 2676051.1453017
x0= : -4.8975076514958E-13
y0= : -4.6466089023205E-12
```

```
*****
i=34345
k(34345)=0.99999980610991
kQ(34345)=0.99999961221986
r1= : 4.672304013723E-12
rpunto1: = -186686.46083855
rduepunti0 : = -1.0071918140528E+25
fil : = 488.41277976269
fipunto1 : = 5.7139400829027E+17
fi_gradi : = 27983.990940655
t1 : = 1.0809470931413E-14
tpunto1 : = 1.0003544832339
tduepunti0 : = 47965734680738
v=v_elettrone : = 2676145.0469426
x0= : -4.8943712522196E-13
y0= : -4.6466202122743E-12
*****
i=34346
k(34346)=0.99999980364852
kQ(34346)=0.99999960729709
r1= : 4.6722821193788E-12
rpunto1: = -187867.69240109
rduepunti0 : = -1.0072004803147E+25
fil : = 488.41284677503
fipunto1 : = 5.713993633772E+17
fi_gradi : = 27983.994780179
t1 : = 1.0809471048734E-14
tpunto1 : = 1.0003544888951
tduepunti0 : = 48271610796091
v=v_elettrone : = 2676239.5486049
x0= : -4.8912346859444E-13
y0= : -4.6466313635926E-12
*****
i=34347
k(34347)=0.99999980117159
kQ(34347)=0.99999960234322
r1= : 4.6722600865013E-12
rpunto1: = -189048.93419216
rduepunti0 : = -1.0072092018722E+25
fil : = 488.412913788
fipunto1 : = 5.7140475242343E+17
fi_gradi : = 27983.998619739
t1 : = 1.0809471166054E-14
tpunto1 : = 1.0003544945922
tduepunti0 : = 48577498123230
v=v_elettrone : = 2676334.6457195
x0= : -4.8880979527725E-13
y0= : -4.6466423562728E-12
*****
i=34348
k(34348)=0.99999979867911
kQ(34348)=0.99999959735827
r1= : 4.6722379150894E-12
rpunto1: = -190230.18627662
rduepunti0 : = -1.0072179787282E+25
fil : = 488.4129808016
fipunto1 : = 5.7141017543069E+17
fi_gradi : = 27984.002459336
t1 : = 1.0809471283374E-14
tpunto1 : = 1.0003545003252
tduepunti0 : = 48883396733653
v=v_elettrone : = 2676430.342754
x0= : -4.8849610528114E-13
y0= : -4.6466531903122E-12
```

```
*****
i=34349
k(34349)=0.99999979617109
kQ(34349)=0.99999959234221
r1= : 4.6722156051417E-12
rpunto1 : = -191411.44871931
rduepunti0 : = -1.0072268108851E+25
fil : = 488.41304781584
fipunto1 : = 5.7141563240071E+17
fi_gradi : = 27984.006298969
t1 : = 1.0809471400694E-14
tpunto1 : = 1.0003545060941
tduepunti0 : = 49189306698865
v=v_elettrone : = 2676526.6351416
x0= : -4.8818239861635E-13
y0= : -4.6466638657084E-12
*****
i=34350
k(34350)=0.99999979364751
kQ(34350)=0.99999958729507
r1= : 4.6721931566571E-12
rpunto1 : = -192592.7215851
rduepunti0 : = -1.0072356983456E+25
fil : = 488.41311483072
fipunto1 : = 5.7142112333525E+17
fi_gradi : = 27984.010138639
t1 : = 1.0809471518015E-14
tpunto1 : = 1.0003545118988
tduepunti0 : = 49495228090376
v=v_elettrone : = 2676623.527351
x0= : -4.8786867529363E-13
y0= : -4.6466743824586E-12
*****
i=34351
k(34351)=0.99999979110839
kQ(34351)=0.99999958221682
r1= : 4.6721705696343E-12
rpunto1 : = -193774.00493885
rduepunti0 : = -1.0072446411125E+25
fil : = 488.41318184624
fipunto1 : = 5.7142664823607E+17
fi_gradi : = 27984.013978345
t1 : = 1.0809471635335E-14
tpunto1 : = 1.0003545177394
tduepunti0 : = 49801160979706
v=v_elettrone : = 2676721.0170708
x0= : -4.8755493532321E-13
y0= : -4.6466847405602E-12
*****
i=34352
k(34352)=0.99999978855372
kQ(34352)=0.99999957710748
r1= : 4.6721478440722E-12
rpunto1 : = -194955.29884543
rduepunti0 : = -1.0072536391883E+25
fil : = 488.41324886241
fipunto1 : = 5.7143220710494E+17
fi_gradi : = 27984.017818089
t1 : = 1.0809471752655E-14
tpunto1 : = 1.0003545236159
tduepunti0 : = 50107105438380
v=v_elettrone : = 2676819.1042501
x0= : -4.8724117871558E-13
y0= : -4.6466949400107E-12
```



```

*****
i=34353
k(34353)=0.99999978598349
kQ(34353)=0.99999957196703
r1= : 4.6721249799695E-12
rpunto1: = -196136.6033697
rduerpunti0 : = -1.0072626925758E+25
fil : = 488.41331587924
fipunto1 : = 5.7143779994366E+17
fi_gradi : = 27984.02165787
t1 : = 1.0809471869976E-14
tpunto1 : = 1.0003545295283
tduerpunti0 : = 50413061537930
v=v_elettrone : = 2676917.7888382
x0= : -4.8692740548124E-13
y0= : -4.6467049808074E-12
*****
i=34354
k(34354)=0.99999978339772
kQ(34354)=0.99999956679549
r1= : 4.672101977325E-12
rpunto1: = -197317.91857654
rduerpunti0 : = -1.0072718012777E+25
fil : = 488.41338289671
fipunto1 : = 5.7144342675401E+17
fi_gradi : = 27984.025497689
t1 : = 1.0809471987296E-14
tpunto1 : = 1.0003545354765
tduerpunti0 : = 50719029349898
v=v_elettrone : = 2677017.0707836
x0= : -4.8661361563068E-13
y0= : -4.6467148629476E-12
*****
i=34355
k(34355)=0.9999997807964
kQ(34355)=0.99999956159284
r1= : 4.6720788361373E-12
rpunto1: = -198499.24453081
rduerpunti0 : = -1.0072809652967E+25
fil : = 488.41344991485
fipunto1 : = 5.714490875378E+17
fi_gradi : = 27984.029337545
t1 : = 1.0809472104616E-14
tpunto1 : = 1.0003545414607
tduerpunti0 : = 51025008945829
v=v_elettrone : = 2677116.9500351
x0= : -4.862998091744E-13
y0= : -4.6467245864287E-12
*****
i=34356
k(34356)=0.99999977817952
kQ(34356)=0.99999955635909
r1= : 4.6720555564053E-12
rpunto1: = -199680.58129741
rduerpunti0 : = -1.0072901846355E+25
fil : = 488.41351693365
fipunto1 : = 5.7145478229686E+17
fi_gradi : = 27984.03317744
t1 : = 1.0809472221936E-14
tpunto1 : = 1.0003545474807
tduerpunti0 : = 51331000397280
v=v_elettrone : = 2677217.4265405
x0= : -4.8598598612288E-13
y0= : -4.646734151248E-12

```

```
*****
i=34357
k(34357)=0.99999977554709
kQ(34357)=0.99999955109424
r1= : 4.6720321381276E-12
rpunto1: = -200861.92894121
rduepunti0 : = -1.007299459297E+25
fil : = 488.41358395312
fipunto1 : = 5.71460511033E+17
fi_gradi : = 27984.037017373
t1 : = 1.0809472339257E-14
tpunto1 : = 1.0003545535366
tduepunti0 : = 51637003775811
v=v_elettrone : = 2677318.5025035
x0= : -4.8567214648663E-13
y0= : -4.6467435574028E-12
*****
i=34358
k(34358)=0.99999977289911
kQ(34358)=0.99999954579828
r1= : 4.6720085813031E-12
rpunto1: = -202043.2875271
rduepunti0 : = -1.0073087892839E+25
fil : = 488.41365097327
fipunto1 : = 5.7146627374807E+17
fi_gradi : = 27984.040857344
t1 : = 1.0809472456577E-14
tpunto1 : = 1.0003545596284
tduepunti0 : = 51943019152993
v=v_elettrone : = 2677420.1733559
x0= : -4.8535829027587E-13
y0= : -4.6467528048905E-12
*****
i=34359
k(34359)=0.99999977023558
kQ(34359)=0.99999954047122
r1= : 4.6719848859303E-12
rpunto1: = -203224.65711996
rduepunti0 : = -1.007318174599E+25
fil : = 488.41371799408
fipunto1 : = 5.7147207044392E+17
fi_gradi : = 27984.044697354
t1 : = 1.0809472573897E-14
tpunto1 : = 1.0003545657561
tduepunti0 : = 52249046600401
v=v_elettrone : = 2677522.4435629
x0= : -4.8504441750137E-13
y0= : -4.6467618937084E-12
*****
i=34360
k(34360)=0.99999976755649
kQ(34360)=0.99999953511304
r1= : 4.6719610520081E-12
rpunto1: = -204406.03778469
rduepunti0 : = -1.0073276152452E+25
fil : = 488.41378501558
fipunto1 : = 5.7147790112241E+17
fi_gradi : = 27984.048537403
t1 : = 1.0809472691217E-14
tpunto1 : = 1.0003545719197
tduepunti0 : = 52555086189621
v=v_elettrone : = 2677625.3085534
x0= : -4.8473052817336E-13
y0= : -4.6467708238537E-12
```

```
*****
i=34361
k(34361)=0.99999976486185
kQ(34361)=0.99999952972376
r1= : 4.6719370795351E-12
rpunto1 : = -205587.42958618
rduepunti0 : = -1.0073371112252E+25
fil : = 488.41385203776
fipunto1 : = 5.7148376578541E+17
fi_gradi : = 27984.052377491
t1 : = 1.0809472808538E-14
tpunto1 : = 1.0003545781192
tduepunti0 : = 52861137992245
v=v_elettrone : = 2677728.7727898
x0= : -4.844166223026E-13
y0= : -4.6467795953238E-12
*****
i=34362
k(34362)=0.99999976215166
kQ(34362)=0.99999952430337
r1= : 4.6719129685099E-12
rpunto1 : = -206768.83258933
rduepunti0 : = -1.0073466625419E+25
fil : = 488.41391906063
fipunto1 : = 5.7148966443481E+17
fi_gradi : = 27984.056217619
t1 : = 1.0809472925858E-14
tpunto1 : = 1.0003545843546
tduepunti0 : = 53167202079871
v=v_elettrone : = 2677832.8339595
x0= : -4.8410269989932E-13
y0= : -4.6467882081159E-12
*****
i=34363
k(34363)=0.99999975942591
kQ(34363)=0.99999951885187
r1= : 4.6718887189314E-12
rpunto1 : = -207950.24685904
rduepunti0 : = -1.0073562691981E+25
fil : = 488.41398608419
fipunto1 : = 5.714955970725E+17
fi_gradi : = 27984.060057786
t1 : = 1.0809473043178E-14
tpunto1 : = 1.0003545906259
tduepunti0 : = 53473278524107
v=v_elettrone : = 2677937.4920104
x0= : -4.8378876097402E-13
y0= : -4.6467966622273E-12
*****
i=34364
k(34364)=0.9999997566846
kQ(34364)=0.99999951336926
r1= : 4.6718643307982E-12
rpunto1 : = -209131.67246022
rduepunti0 : = -1.0073659311968E+25
fil : = 488.41405310845
fipunto1 : = 5.7150156370039E+17
fi_gradi : = 27984.063897993
t1 : = 1.0809473160499E-14
tpunto1 : = 1.0003545969331
tduepunti0 : = 53779367396568
v=v_elettrone : = 2678042.7468846
x0= : -4.834748055372E-13
y0= : -4.6468049576553E-12
```

```
*****
i=34365
k(34365)=0.99999975392773
kQ(34365)=0.99999950785553
r1= : 4.6718398041089E-12
rpunto1: = -210313.10945777
rduepunti0 : = -1.0073756485409E+25
fil : = 488.41412013341
fipunto1 : = 5.7150756432039E+17
fi_gradi : = 27984.06773824
t1 : = 1.0809473277819E-14
tpunto1 : = 1.0003546032761
tduerpunti0 : = 54085468768876
v=v_elettrone : = 2678148.6007884
x0= : -4.8316083359936E-13
y0= : -4.6468130943971E-12
*****
i=34366
k(34366)=0.99999975115531
kQ(34366)=0.99999950231069
r1= : 4.6718151388623E-12
rpunto1: = -211494.55791661
rduepunti0 : = -1.0073854212332E+25
fil : = 488.41418715907
fipunto1 : = 5.7151359893444E+17
fi_gradi : = 27984.071578527
t1 : = 1.0809473395139E-14
tpunto1 : = 1.0003546096551
tduerpunti0 : = 54391582712662
v=v_elettrone : = 2678255.0491489
x0= : -4.8284684517072E-13
y0= : -4.64682107245E-12
*****
i=34367
k(34367)=0.99999974836733
kQ(34367)=0.99999949673473
r1= : 4.6717903350569E-12
rpunto1: = -212676.01790164
rduepunti0 : = -1.0073952492767E+25
fil : = 488.41425418544
fipunto1 : = 5.7151966754446E+17
fi_gradi : = 27984.075418855
t1 : = 1.0809473512459E-14
tpunto1 : = 1.00035461607
tduerpunti0 : = 54697709299563
v=v_elettrone : = 2678362.0964258
x0= : -4.8253284026206E-13
y0= : -4.6468288918112E-12
*****
i=34368
k(34368)=0.9999997455638
kQ(34368)=0.99999949112765
r1= : 4.6717653926914E-12
rpunto1: = -213857.4894778
rduepunti0 : = -1.0074051326743E+25
fil : = 488.41432121252
fipunto1 : = 5.7152577015241E+17
fi_gradi : = 27984.079259224
t1 : = 1.080947362978E-14
tpunto1 : = 1.0003546225208
tduerpunti0 : = 55003848601226
v=v_elettrone : = 2678469.7380513
x0= : -4.8221881888362E-13
y0= : -4.646836552478E-12
```

```

*****
i=34369
k(34369)=0.9999997427447
kQ(34369)=0.99999948548946
r1= : 4.6717403117645E-12
rpunto1: = -215038.97271
rduepunti0 : = -1.007415071429E+25
fil : = 488.41438824031
fipunto1 : = 5.7153190676026E+17
fi_gradi : = 27984.083099634
t1 : = 1.08094737471E-14
tpunto1 : = 1.0003546290074
tduepunti0 : = 55310000689303
v=v_elettrone : = 2678577.9784804
x0= : -4.8190478104614E-13
y0= : -4.6468440544475E-12
*****
i=34370
k(34370)=0.99999973991004
kQ(34370)=0.99999947982015
r1= : 4.6717150922747E-12
rpunto1: = -216220.46766317
rduepunti0 : = -1.0074250655438E+25
fil : = 488.41445526883
fipunto1 : = 5.7153807736996E+17
fi_gradi : = 27984.086940085
t1 : = 1.080947386442E-14
tpunto1 : = 1.00035463553
tduepunti0 : = 55616165635458
v=v_elettrone : = 2678686.8154014
x0= : -4.8159072675988E-13
y0= : -4.6468513977169E-12
*****
i=34371
k(34371)=0.99999973705982
kQ(34371)=0.99999947411972
r1= : 4.6716897342208E-12
rpunto1: = -217401.97440223
rduepunti0 : = -1.0074351150217E+25
fil : = 488.41452229807
fipunto1 : = 5.7154428198351E+17
fi_gradi : = 27984.090780577
t1 : = 1.0809473981741E-14
tpunto1 : = 1.0003546420885
tduepunti0 : = 55922343511359
v=v_elettrone : = 2678796.2487579
x0= : -4.8127665603533E-13
y0= : -4.6468585822836E-12
*****
i=34372
k(34372)=0.99999973419404
kQ(34372)=0.99999946838816
r1= : 4.6716642376013E-12
rpunto1: = -218583.49299212
rduepunti0 : = -1.0074452198657E+25
fil : = 488.41458932803
fipunto1 : = 5.715505206029E+17
fi_gradi : = 27984.094621112
t1 : = 1.0809474099061E-14
tpunto1 : = 1.0003546486829
tduepunti0 : = 56228534388685
v=v_elettrone : = 2678906.2784913
x0= : -4.80962568883E-13
y0= : -4.6468656081446E-12

```

```
*****
i=34373
k(34373)=0.9999997313127
kQ(34373)=0.99999946262548
r1= : 4.6716386024149E-12
rpunto1 : = -219765.02349778
rduepunti0 : = -1.0074553800788E+25
fil : = 488.41465635873
fipunto1 : = 5.7155679323013E+17
fi_gradi : = 27984.098461688
t1 : = 1.0809474216381E-14
tpunto1 : = 1.0003546553133
tduepunti0 : = 56534738339122
v=v_elettrone : = 2679016.9068019
x0= : -4.8064846531339E-13
y0= : -4.6468724752972E-12
*****
i=34374
k(34374)=0.9999997284158
kQ(34374)=0.99999945683168
r1= : 4.6716128286601E-12
rpunto1 : = -220946.56598414
rduepunti0 : = -1.0074655956641E+25
fil : = 488.41472339016
fipunto1 : = 5.7156309986722E+17
fi_gradi : = 27984.102302306
t1 : = 1.0809474333701E-14
tpunto1 : = 1.0003546619795
tduepunti0 : = 56840955434362
v=v_elettrone : = 2679128.1313763
x0= : -4.8033434533673E-13
y0= : -4.6468791837386E-12
*****
i=34375
k(34375)=0.99999972550334
kQ(34375)=0.99999945100675
r1= : 4.6715869163355E-12
rpunto1 : = -222128.12051615
rduepunti0 : = -1.0074758666247E+25
fil : = 488.41479042234
fipunto1 : = 5.715694405162E+17
fi_gradi : = 27984.106142967
t1 : = 1.0809474451022E-14
tpunto1 : = 1.0003546686816
tduepunti0 : = 57147185746109
v=v_elettrone : = 2679239.9498977
x0= : -4.8002020896354E-13
y0= : -4.6468857334658E-12
*****
i=34376
k(34376)=0.99999972257531
kQ(34376)=0.99999944515069
r1= : 4.6715608654398E-12
rpunto1 : = -223309.68715875
rduepunti0 : = -1.0074861929635E+25
fil : = 488.41485745526
fipunto1 : = 5.715758151791E+17
fi_gradi : = 27984.10998367
t1 : = 1.0809474568342E-14
tpunto1 : = 1.0003546754197
tduepunti0 : = 57453429346073
v=v_elettrone : = 2679352.3668247
x0= : -4.7970605620457E-13
y0= : -4.6468921244761E-12
```

```
*****
i=34377
k(34377)=0.99999971963172
kQ(34377)=0.99999943926351
r1= : 4.6715346759715E-12
rpunto1 : = -224491.2659769
rduepunti0 : = -1.0074965746838E+25
fil : = 488.41492448892
fipunto1 : = 5.7158222385797E+17
fi_gradi : = 27984.113824416
t1 : = 1.0809474685662E-14
tpunto1 : = 1.0003546821937
tduepunti0 : = 57759686305972
v=v_elettrone : = 2679465.3798389
x0= : -4.7939188707007E-13
y0= : -4.6468983567666E-12
*****
i=34378
k(34378)=0.99999971667256
kQ(34378)=0.9999994333452
r1= : 4.6715083479291E-12
rpunto1 : = -225672.85703555
rduepunti0 : = -1.0075070117886E+25
fil : = 488.41499152334
fipunto1 : = 5.7158866655487E+17
fi_gradi : = 27984.117665205
t1 : = 1.0809474802983E-14
tpunto1 : = 1.0003546890036
tduepunti0 : = 58065956697534
v=v_elettrone : = 2679578.9911379
x0= : -4.7907770157054E-13
y0= : -4.6469044303344E-12
*****
i=34379
k(34379)=0.99999971369783
kQ(34379)=0.99999942739575
r1= : 4.6714818813113E-12
rpunto1 : = -226854.46039966
rduepunti0 : = -1.0075175042811E+25
fil : = 488.41505855851
fipunto1 : = 5.7159514327187E+17
fi_gradi : = 27984.121506037
t1 : = 1.0809474920303E-14
tpunto1 : = 1.0003546958494
tduepunti0 : = 58372240592493
v=v_elettrone : = 2679693.1961526
x0= : -4.7876349971623E-13
y0= : -4.6469103451768E-12
*****
i=34380
k(34380)=0.99999971070755
kQ(34380)=0.99999942141517
r1= : 4.6714552761167E-12
rpunto1 : = -228036.07613419
rduepunti0 : = -1.0075280521643E+25
fil : = 488.41512559444
fipunto1 : = 5.7160165401106E+17
fi_gradi : = 27984.125346913
t1 : = 1.0809475037623E-14
tpunto1 : = 1.0003547027311
tduepunti0 : = 58678538062593
v=v_elettrone : = 2679807.9993343
x0= : -4.7844928151791E-13
y0= : -4.6469161012907E-12
```

```
*****
i=34381
k(34381)=0.99999970770169
kQ(34381)=0.99999941540346
r1= : 4.6714285323436E-12
rpunto1 : = -229217.7043041
rduepunti0 : = -1.0075386554416E+25
fil : = 488.41519263113
fipunto1 : = 5.7160819877452E+17
fi_gradi : = 27984.129187833
t1 : = 1.0809475154943E-14
tpunto1 : = 1.0003547096488
tduepunti0 : = 58984849179586
v=v_elettrone : = 2679923.3983689
x0= : -4.7813504698582E-13
y0= : -4.6469216986734E-12
*****
i=34382
k(34382)=0.99999970468027
kQ(34382)=0.99999940936062
r1= : 4.6714016499908E-12
rpunto1 : = -230399.34497437
rduepunti0 : = -1.007549314116E+25
fil : = 488.4152596686
fipunto1 : = 5.7161477756436E+17
fi_gradi : = 27984.133028797
t1 : = 1.0809475272264E-14
tpunto1 : = 1.0003547166024
tduepunti0 : = 59291174015234
v=v_elettrone : = 2680039.3931923
x0= : -4.7782079613046E-13
y0= : -4.646927137322E-12
*****
i=34383
k(34383)=0.99999970164327
kQ(34383)=0.99999940328664
r1= : 4.6713746290566E-12
rpunto1 : = -231580.99820997
rduepunti0 : = -1.0075600281907E+25
fil : = 488.41532670683
fipunto1 : = 5.716213903827E+17
fi_gradi : = 27984.136869805
t1 : = 1.0809475389584E-14
tpunto1 : = 1.0003547235919
tduepunti0 : = 59597512641304
v=v_elettrone : = 2680155.9837482
x0= : -4.7750652896235E-13
y0= : -4.6469324172334E-12
*****
i=34384
k(34384)=0.99999969859071
kQ(34384)=0.99999939718152
r1= : 4.6713474695398E-12
rpunto1 : = -232762.66407587
rduepunti0 : = -1.0075707976691E+25
fil : = 488.41539374584
fipunto1 : = 5.7162803723166E+17
fi_gradi : = 27984.140710857
t1 : = 1.0809475506904E-14
tpunto1 : = 1.0003547306174
tduepunti0 : = 59903865129575
v=v_elettrone : = 2680273.1722314
x0= : -4.77192245492E-13
y0= : -4.6469375384049E-12
```



```
*****
i=34385
k(34385)=0.99999969552258
kQ(34385)=0.99999939104526
r1= : 4.6713201714387E-12
rpunto1: = -233944.34263705
rduepunti0 : = -1.0075816225542E+25
fil : = 488.41546078563
fipunto1 : = 5.7163471811338E+17
fi_gradi : = 27984.144551954
t1 : = 1.0809475624225E-14
tpunto1 : = 1.0003547376787
tduepunti0 : = 60210231551832
v=v_elettrone : = 2680390.9540668
x0= : -4.7687794572964E-13
y0= : -4.6469425008335E-12
*****
i=34386
k(34386)=0.99999969243888
kQ(34386)=0.99999938487786
r1= : 4.6712927347519E-12
rpunto1: = -235126.0339585
rduepunti0 : = -1.0075925028494E+25
fil : = 488.4155278262
fipunto1 : = 5.7164143303E+17
fi_gradi : = 27984.148393096
t1 : = 1.0809475741545E-14
tpunto1 : = 1.0003547447761
tduepunti0 : = 60516611979871
v=v_elettrone : = 2680509.3337081
x0= : -4.7656362968605E-13
y0= : -4.6469473045162E-12
*****
i=34387
k(34387)=0.99999968933961
kQ(34387)=0.99999937867932
r1= : 4.6712651594778E-12
rpunto1: = -236307.7381052
rduepunti0 : = -1.0076034385579E+25
fil : = 488.41559486756
fipunto1 : = 5.7164818198369E+17
fi_gradi : = 27984.152234283
t1 : = 1.0809475858865E-14
tpunto1 : = 1.0003547519093
tduepunti0 : = 60823006485496
v=v_elettrone : = 2680628.3088359
x0= : -4.7624929737149E-13
y0= : -4.6469519494502E-12
*****
i=34388
k(34388)=0.99999968622477
kQ(34388)=0.99999937244964
r1= : 4.6712374456151E-12
rpunto1: = -237489.45514216
rduepunti0 : = -1.007614429683E+25
fil : = 488.41566190972
fipunto1 : = 5.7165496497661E+17
fi_gradi : = 27984.156075515
t1 : = 1.0809475976185E-14
tpunto1 : = 1.0003547590785
tduepunti0 : = 61129415140518
v=v_elettrone : = 2680747.8816444
x0= : -4.7593494879646E-13
y0= : -4.6469564356324E-12
```

```
*****
i=34389
k(34389)=0.99999968309436
kQ(34389)=0.99999936618881
r1= : 4.6712095931621E-12
rpunto1:= -238671.18513435
rduepunti0 : = -1.007625476228E+25
fil : = 488.41572895266
fipunto1 : = 5.7166178201095E+17
fi_gradi : = 27984.159916793
t1 : = 1.0809476093506E-14
tpunto1 : = 1.0003547662836
tduepunti0 : = 61435838016759
v=v_elettrone : = 2680868.0475604
x0= : -4.756205839712E-13
y0= : -4.64696076306E-12
*****
i=34390
k(34390)=0.99999967994837
kQ(34390)=0.99999935989684
r1= : 4.6711816021174E-12
rpunto1:= -239852.9281468
rduepunti0 : = -1.0076365781962E+25
fil : = 488.41579599641
fipunto1 : = 5.7166863308889E+17
fi_gradi : = 27984.163758117
t1 : = 1.0809476210826E-14
tpunto1 : = 1.0003547735246
tduepunti0 : = 61742275186049
v=v_elettrone : = 2680988.8110336
x0= : -4.7530620290651E-13
y0= : -4.64696493173E-12
*****
i=34391
k(34391)=0.99999967678681
kQ(34391)=0.99999935357372
r1= : 4.6711534724794E-12
rpunto1:= -241034.68424448
rduepunti0 : = -1.007647735591E+25
fil : = 488.41586304096
fipunto1 : = 5.7167551821265E+17
fi_gradi : = 27984.167599487
t1 : = 1.0809476328146E-14
tpunto1 : = 1.0003547808016
tduepunti0 : = 62048726720227
v=v_elettrone : = 2681110.1697442
x0= : -4.7499180561261E-13
y0= : -4.6469689416393E-12
*****
i=34392
k(34392)=0.99999967360967
kQ(34392)=0.99999934721945
r1= : 4.6711252042465E-12
rpunto1:= -242216.45349242
rduepunti0 : = -1.0076589484156E+25
fil : = 488.41593008632
fipunto1 : = 5.7168243738443E+17
fi_gradi : = 27984.171440903
t1 : = 1.0809476445467E-14
tpunto1 : = 1.0003547881146
tduepunti0 : = 62355192691141
v=v_elettrone : = 2681232.1258857
x0= : -4.7467739210004E-13
y0= : -4.6469727927851E-12
```

```
*****
i=34393
k(34393)=0.99999967041696
kQ(34393)=0.99999934083404
r1= : 4.6710967974174E-12
rpunto1 : = -243398.23595563
rduepunti0 : = -1.0076702166735E+25
fil : = 488.41599713249
fipunto1 : = 5.7168939060646E+17
fi_gradi : = 27984.175282365
t1 : = 1.0809476562787E-14
tpunto1 : = 1.0003547954635
tduepunti0 : = 62661673170646
v=v_elettrone : = 2681354.6748835
x0= : -4.7436296237904E-13
y0= : -4.6469764851643E-12
*****
i=34394
k(34394)=0.99999966720868
kQ(34394)=0.99999933441747
r1= : 4.6710682519903E-12
rpunto1 : = -244580.03169912
rduepunti0 : = -1.0076815403681E+25
fil : = 488.41606417947
fipunto1 : = 5.7169637788097E+17
fi_gradi : = 27984.179123875
t1 : = 1.0809476680107E-14
tpunto1 : = 1.0003548028483
tduepunti0 : = 62968168230611
v=v_elettrone : = 2681477.8211842
x0= : -4.7404851646038E-13
y0= : -4.646980018774E-12
*****
i=34395
k(34395)=0.99999966398482
kQ(34395)=0.99999932796975
r1= : 4.6710395679638E-12
rpunto1 : = -245761.84078791
rduepunti0 : = -1.0076929195026E+25
fil : = 488.41613122728
fipunto1 : = 5.7170339921022E+17
fi_gradi : = 27984.182965431
t1 : = 1.0809476797428E-14
tpunto1 : = 1.0003548102691
tduepunti0 : = 63274677942908
v=v_elettrone : = 2681601.5624714
x0= : -4.7373405435433E-13
y0= : -4.646983393611E-12
*****
i=34396
k(34396)=0.99999966074538
kQ(34396)=0.99999932149087
r1= : 4.6710107453362E-12
rpunto1 : = -246943.66328702
rduepunti0 : = -1.0077043540807E+25
fil : = 488.4161982759
fipunto1 : = 5.7171045459646E+17
fi_gradi : = 27984.186807034
t1 : = 1.0809476914748E-14
tpunto1 : = 1.0003548177258
tduepunti0 : = 63581202379422
v=v_elettrone : = 2681725.8986774
x0= : -4.7341957607139E-13
y0= : -4.6469866096725E-12
```

```
*****
i=34397
k(34397)=0.99999965749036
kQ(34397)=0.99999931498084
r1= : 4.6709817841061E-12
rpunto1 : = -248125.49926149
rduepunti0 : = -1.0077158441056E+25
fil : = 488.41626532536
fipunto1 : = 5.7171754404196E+17
fi_gradi : = 27984.190648685
t1 : = 1.0809477032068E-14
tpunto1 : = 1.0003548252184
tduepunti0 : = 63887741612047
v=v_elettrone : = 2681850.8319951
x0= : -4.731050816221E-13
y0= : -4.6469896669553E-12
*****
i=34398
k(34398)=0.99999965421977
kQ(34398)=0.99999930843966
r1= : 4.6709526842717E-12
rpunto1 : = -249307.34877633
rduepunti0 : = -1.0077273895808E+25
fil : = 488.41633237565
fipunto1 : = 5.7172466754901E+17
fi_gradi : = 27984.194490383
t1 : = 1.0809477149389E-14
tpunto1 : = 1.0003548327471
tduepunti0 : = 64194295712685
v=v_elettrone : = 2681976.3601039
x0= : -4.7279057101669E-13
y0= : -4.6469925654565E-12
*****
i=34399
k(34399)=0.99999965093359
kQ(34399)=0.99999930186731
r1= : 4.6709234458316E-12
rpunto1 : = -250489.2118966
rduepunti0 : = -1.0077389905099E+25
fil : = 488.41639942677
fipunto1 : = 5.7173182511988E+17
fi_gradi : = 27984.19833213
t1 : = 1.0809477266709E-14
tpunto1 : = 1.0003548403116
tduepunti0 : = 64500864753246
v=v_elettrone : = 2682102.4829383
x0= : -4.7247604426569E-13
y0= : -4.646995305173E-12
*****
i=34400
k(34400)=0.99999964763184
kQ(34400)=0.99999929526381
r1= : 4.6708940687842E-12
rpunto1 : = -251671.08868732
rduepunti0 : = -1.0077506468962E+25
fil : = 488.41646647873
fipunto1 : = 5.7173901675689E+17
fi_gradi : = 27984.202173924
t1 : = 1.0809477384029E-14
tpunto1 : = 1.0003548479122
tduepunti0 : = 64807448805653
v=v_elettrone : = 2682229.2004335
x0= : -4.7216150137962E-13
y0= : -4.6469978861018E-12
```

```
*****
i=34401
k(34401)=0.99999964431451
kQ(34401)=0.99999928862914
r1= : 4.6708645531277E-12
rpunto1 : = -252852.97921354
rduepunti0 : = -1.0077623587434E+25
fil : = 488.41653353153
fipunto1 : = 5.7174624246235E+17
fi_gradi : = 27984.206015767
t1 : = 1.0809477501349E-14
tpunto1 : = 1.0003548555487
tduepunti0 : = 65114047941836
v=v_elettrone : = 2682356.5147784
x0= : -4.71846942369E-13
y0= : -4.6470003082397E-12
*****
i=34402
k(34402)=0.99999964098159
kQ(34402)=0.99999928196331
r1= : 4.6708348988607E-12
rpunto1 : = -254034.88354031
rduepunti0 : = -1.0077741260548E+25
fil : = 488.41660058519
fipunto1 : = 5.7175350223859E+17
fi_gradi : = 27984.209857658
t1 : = 1.080947761867E-14
tpunto1 : = 1.0003548632211
tduepunti0 : = 65420662233733
v=v_elettrone : = 2682484.4236527
x0= : -4.7153236724408E-13
y0= : -4.6470025715838E-12
*****
i=34403
k(34403)=0.99999963763309
kQ(34403)=0.99999927526632
r1= : 4.6708051059815E-12
rpunto1 : = -255216.80173269
rduepunti0 : = -1.0077859488341E+25
fil : = 488.41666763969
fipunto1 : = 5.7176079608793E+17
fi_gradi : = 27984.213699598
t1 : = 1.080947773599E-14
tpunto1 : = 1.0003548709295
tduepunti0 : = 65727291753294
v=v_elettrone : = 2682612.926991
x0= : -4.712177760154E-13
y0= : -4.6470046761309E-12
*****
i=34404
k(34404)=0.99999963426901
kQ(34404)=0.99999926853816
r1= : 4.6707751744885E-12
rpunto1 : = -256398.73385572
rduepunti0 : = -1.0077978270847E+25
fil : = 488.41673469505
fipunto1 : = 5.7176812401272E+17
fi_gradi : = 27984.217541587
t1 : = 1.080947785331E-14
tpunto1 : = 1.0003548786739
tduepunti0 : = 66033936572478
v=v_elettrone : = 2682742.0269785
x0= : -4.7090316869346E-13
y0= : -4.6470066218779E-12
```

```
*****
i=34405
k(34405)=0.99999963088935
kQ(34405)=0.99999926177884
r1= : 4.67074510438E-12
rpunto1: = -257580.67997446
rduepunti0 : = -1.0078097608103E+25
fil : = 488.41680175127
fipunto1 : = 5.7177548601534E+17
fi_gradi : = 27984.221383625
t1 : = 1.0809477970631E-14
tpunto1 : = 1.0003548864542
tduepunti0 : = 66340596763252
v=v_elettrone : = 2682871.7212963
x0= : -4.7058854528854E-13
y0= : -4.6470084088219E-12
*****
i=34406
k(34406)=0.9999996274941
kQ(34406)=0.99999925498834
r1= : 4.6707148956544E-12
rpunto1: = -258762.64015399
rduepunti0 : = -1.0078217500144E+25
fil : = 488.41686880835
fipunto1 : = 5.7178288209813E+17
fi_gradi : = 27984.225225713
t1 : = 1.0809478087951E-14
tpunto1 : = 1.0003548942705
tduepunti0 : = 66647272397595
v=v_elettrone : = 2683002.0098776
x0= : -4.7027390581115E-13
y0= : -4.6470100369596E-12
*****
i=34407
k(34407)=0.99999962408327
kQ(34407)=0.99999924816668
r1= : 4.6706845483101E-12
rpunto1: = -259944.61445937
rduepunti0 : = -1.0078337947007E+25
fil : = 488.4169358663
fipunto1 : = 5.7179031226348E+17
fi_gradi : = 27984.229067851
t1 : = 1.0809478205271E-14
tpunto1 : = 1.0003549021228
tduepunti0 : = 66953963547493
v=v_elettrone : = 2683132.8949066
x0= : -4.6995925027183E-13
y0= : -4.6470115062879E-12
*****
i=34408
k(34408)=0.99999962065685
kQ(34408)=0.99999924131384
r1= : 4.6706540623454E-12
rpunto1: = -261126.60295568
rduepunti0 : = -1.0078458948727E+25
fil : = 488.41700292512
fipunto1 : = 5.7179777651379E+17
fi_gradi : = 27984.232910038
t1 : = 1.0809478322592E-14
tpunto1 : = 1.0003549100111
tduepunti0 : = 67260670284943
v=v_elettrone : = 2683264.3718091
x0= : -4.6964457868083E-13
y0= : -4.6470128168038E-12
```

```

*****
i=34409
k(34409)=0.99999961721485
kQ(34409)=0.99999923442984
r1= : 4.6706234377586E-12
rpunto1 : = -262308.60570798
rduepunti0 : = -1.0078580505341E+25
fil : = 488.41706998481
fipunto1 : = 5.7180527485145E+17
fi_gradi : = 27984.236752276
t1 : = 1.0809478439912E-14
tpunto1 : = 1.0003549179353
tduepunti0 : = 67567392681951
v=v_elettrone : = 2683396.4472797
x0= : -4.6932989104894E-13
y0= : -4.647013968504E-12
*****
i=34410
k(34410)=0.99999961375725
kQ(34410)=0.99999922751466
r1= : 4.6705926745481E-12
rpunto1 : = -263490.62278137
rduepunti0 : = -1.0078702616885E+25
fil : = 488.41713704539
fipunto1 : = 5.7181280727888E+17
fi_gradi : = 27984.240594564
t1 : = 1.0809478557232E-14
tpunto1 : = 1.0003549258955
tduepunti0 : = 67874130810535
v=v_elettrone : = 2683529.1144883
x0= : -4.6901518738616E-13
y0= : -4.6470149613855E-12
*****
i=34411
k(34411)=0.99999961028407
kQ(34411)=0.9999992205683
r1= : 4.6705617727121E-12
rpunto1 : = -264672.65424092
rduepunti0 : = -1.0078825283396E+25
fil : = 488.41720410685
fipunto1 : = 5.7182037379851E+17
fi_gradi : = 27984.244436902
t1 : = 1.0809478674553E-14
tpunto1 : = 1.0003549338916
tduepunti0 : = 68180884742720
v=v_elettrone : = 2683662.377872
x0= : -4.6870046770329E-13
y0= : -4.6470157954452E-12
*****
i=34412
k(34412)=0.9999996067953
kQ(34412)=0.99999921359076
r1= : 4.6705307322491E-12
rpunto1 : = -265854.70015174
rduepunti0 : = -1.0078948504911E+25
fil : = 488.4172711692
fipunto1 : = 5.7182797441276E+17
fi_gradi : = 27984.248279292
t1 : = 1.0809478791873E-14
tpunto1 : = 1.0003549419238
tduepunti0 : = 68487654550542
v=v_elettrone : = 2683796.2351095
x0= : -4.683857320106E-13
y0= : -4.6470164706797E-12

```

```
*****
i=34413
k(34413)=0.99999960329095
kQ(34413)=0.99999920658205
r1= : 4.6704995531572E-12
rpunto1: = -267036.7605789
rduerpunti0 : = -1.0079072281467E+25
fil : = 488.41733823243
fipunto1 : = 5.7183560912408E+17
fi_gradi : = 27984.252121732
t1 : = 1.0809478909193E-14
tpunto1 : = 1.0003549499919
tduerpunti0 : = 68794440306046
v=v_elettrone : = 2683930.6861329
x0= : -4.680709803186E-13
y0= : -4.6470169870861E-12
*****
i=34414
k(34414)=0.999999599771
kQ(34414)=0.99999919954215
r1= : 4.6704682354349E-12
rpunto1: = -268218.83558752
rduerpunti0 : = -1.0079196613101E+25
fil : = 488.41740529657
fipunto1 : = 5.7184327793494E+17
fi_gradi : = 27984.255964224
t1 : = 1.0809479026514E-14
tpunto1 : = 1.000354958096
tduerpunti0 : = 69101242081289
v=v_elettrone : = 2684065.7331244
x0= : -4.6775621263784E-13
y0= : -4.647017344661E-12
*****
i=34415
k(34415)=0.99999959623546
kQ(34415)=0.99999919247108
r1= : 4.6704367790803E-12
rpunto1: = -269400.92524269
rduerpunti0 : = -1.0079321499851E+25
fil : = 488.4174723616
fipunto1 : = 5.7185098084779E+17
fi_gradi : = 27984.259806767
t1 : = 1.0809479143834E-14
tpunto1 : = 1.0003549662361
tduerpunti0 : = 69408059948336
v=v_elettrone : = 2684201.3760128
x0= : -4.6744142897858E-13
y0= : -4.6470175434014E-12
*****
i=34416
k(34416)=0.99999959268432
kQ(34416)=0.99999918536882
r1= : 4.6704051840918E-12
rpunto1: = -270583.02960953
rduerpunti0 : = -1.0079446941753E+25
fil : = 488.41753942753
fipunto1 : = 5.7185871786513E+17
fi_gradi : = 27984.263649362
t1 : = 1.0809479261154E-14
tpunto1 : = 1.0003549744122
tduerpunti0 : = 69714893979264
v=v_elettrone : = 2684337.6102242
x0= : -4.6712662935109E-13
y0= : -4.6470175833041E-12
```



```
*****
i=34417
k(34417)=0.9999995891176
kQ(34417)=0.99999917823537
r1= : 4.6703734504677E-12
rpunto1: = -271765.14875314
rduepunti0 : = -1.0079572938846E+25
fil : = 488.41760649438
fipunto1 : = 5.7186648898943E+17
fi_gradi : = 27984.267492009
t1 : = 1.0809479378475E-14
tpunto1 : = 1.0003549826242
tduepunti0 : = 70021744246156
v=v_elettrone : = 2684474.4401946
x0= : -4.6681181376617E-13
y0= : -4.6470174643657E-12
*****
i=34418
k(34418)=0.99999958553528
kQ(34418)=0.99999917107074
r1= : 4.6703415782061E-12
rpunto1: = -272947.28273864
rduepunti0 : = -1.0079699491167E+25
fil : = 488.41767356213
fipunto1 : = 5.7187429422321E+17
fi_gradi : = 27984.271334709
t1 : = 1.0809479495795E-14
tpunto1 : = 1.0003549908723
tduepunti0 : = 70328610821110
v=v_elettrone : = 2684611.8635993
x0= : -4.6649698223409E-13
y0= : -4.6470171865832E-12
*****
i=34419
k(34419)=0.99999958193737
kQ(34419)=0.99999916387492
r1= : 4.6703095673055E-12
rpunto1: = -274129.43163115
rduepunti0 : = -1.0079826598755E+25
fil : = 488.4177406308
fipunto1 : = 5.7188213356897E+17
fi_gradi : = 27984.27517746
t1 : = 1.0809479613115E-14
tpunto1 : = 1.0003549991563
tduepunti0 : = 70635493776232
v=v_elettrone : = 2684749.8826197
x0= : -4.6618213476539E-13
y0= : -4.6470167499533E-12
*****
i=34420
k(34420)=0.99999957832386
kQ(34420)=0.99999915664791
r1= : 4.6702774177639E-12
rpunto1: = -275311.5954958
rduepunti0 : = -1.0079954261647E+25
fil : = 488.41780770039
fipunto1 : = 5.7189000702924E+17
fi_gradi : = 27984.279020265
t1 : = 1.0809479730435E-14
tpunto1 : = 1.0003550074763
tduepunti0 : = 70942393183637
v=v_elettrone : = 2684888.4949318
x0= : -4.6586727137033E-13
y0= : -4.6470161544728E-12
```

```
*****
i=34421
k(34421)=0.99999957469476
kQ(34421)=0.9999991493897
r1= : 4.6702451295797E-12
rpunto1 : = -276493.77439772
rduepunti0 : = -1.0080082479882E+25
fil : = 488.4178747709
fipunto1 : = 5.7189791460655E+17
fi_gradi : = 27984.282863122
t1 : = 1.0809479847756E-14
tpunto1 : = 1.0003550158324
tduepunti0 : = 71249309115452
v=v_elettrone : = 2685027.7004669
x0= : -4.6555239205945E-13
y0= : -4.6470154001384E-12
*****
i=34422
k(34422)=0.99999957105006
kQ(34422)=0.99999914210031
r1= : 4.6702127027512E-12
rpunto1 : = -277675.96840203
rduepunti0 : = -1.0080211253499E+25
fil : = 488.41794184234
fipunto1 : = 5.7190585630346E+17
fi_gradi : = 27984.286706032
t1 : = 1.0809479965076E-14
tpunto1 : = 1.0003550242244
tduepunti0 : = 71556241643814
v=v_elettrone : = 2685167.5014011
x0= : -4.652374968433E-13
y0= : -4.6470144869469E-12
*****
i=34423
k(34423)=0.99999956738977
kQ(34423)=0.99999913477972
r1= : 4.6701801372764E-12
rpunto1 : = -278858.17757389
rduepunti0 : = -1.0080340582536E+25
fil : = 488.41800891472
fipunto1 : = 5.719138321225E+17
fi_gradi : = 27984.290548996
t1 : = 1.0809480082396E-14
tpunto1 : = 1.0003550326524
tduepunti0 : = 71863190840870
v=v_elettrone : = 2685307.8976657
x0= : -4.6492258573214E-13
y0= : -4.647013414895E-12
*****
i=34424
k(34424)=0.99999956371387
kQ(34424)=0.99999912742793
r1= : 4.6701474331537E-12
rpunto1 : = -280040.40197844
rduepunti0 : = -1.0080470467032E+25
fil : = 488.41807598802
fipunto1 : = 5.7192184206627E+17
fi_gradi : = 27984.294392014
t1 : = 1.0809480199717E-14
tpunto1 : = 1.0003550411164
tduepunti0 : = 72170156778778
v=v_elettrone : = 2685448.8846827
x0= : -4.6460765873627E-13
y0= : -4.6470121839796E-12
```

```
*****
i=34425
k(34425)=0.99999956002238
kQ(34425)=0.99999912004495
r1= : 4.6701145903813E-12
rpunto1: = -281222.64168081
rduepunti0 : = -1.0080600907026E+25
fil : = 488.41814306227
fipunto1 : = 5.7192988613733E+17
fi_gradi : = 27984.298235085
t1 : = 1.0809480317037E-14
tpunto1 : = 1.0003550496164
tduepunti0 : = 72477139529704
v=v_elettrone : = 2685590.4668834
x0= : -4.6429271586647E-13
y0= : -4.6470107941972E-12
*****
i=34426
k(34426)=0.99999955631528
kQ(34426)=0.99999911263077
r1= : 4.6700816089574E-12
rpunto1: = -282404.89674617
rduepunti0 : = -1.0080731902557E+25
fil : = 488.41821013746
fipunto1 : = 5.7193796433827E+17
fi_gradi : = 27984.30207821
t1 : = 1.0809480434357E-14
tpunto1 : = 1.0003550581525
tduepunti0 : = 72784139165828
v=v_elettrone : = 2685732.6441938
x0= : -4.6397775713303E-13
y0= : -4.6470092455447E-12
*****
i=34427
k(34427)=0.99999955259259
kQ(34427)=0.99999910518538
r1= : 4.6700484888801E-12
rpunto1: = -283587.16723967
rduepunti0 : = -1.0080863453665E+25
fil : = 488.4182772136
fipunto1 : = 5.719460766717E+17
fi_gradi : = 27984.30592139
t1 : = 1.0809480551678E-14
tpunto1 : = 1.0003550667245
tduepunti0 : = 73091155759339
v=v_elettrone : = 2685875.4120407
x0= : -4.6366278254623E-13
y0= : -4.6470075380188E-12
*****
i=34428
k(34428)=0.9999995488543
kQ(34428)=0.9999990977088
r1= : 4.6700152301476E-12
rpunto1: = -284769.45322647
rduepunti0 : = -1.0080995560388E+25
fil : = 488.41834429068
fipunto1 : = 5.7195422314023E+17
fi_gradi : = 27984.309764624
t1 : = 1.0809480668998E-14
tpunto1 : = 1.0003550753326
tduepunti0 : = 73398189382435
v=v_elettrone : = 2686018.7771009
x0= : -4.6334779211687E-13
y0= : -4.647005671616E-12
```

```
*****
i=34429
k(34429)=0.9999995451004
kQ(34429)=0.999999090201
r1= : 4.6699818327583E-12
rpunto1 : = -285951.75477175
rduepunti0 : = -1.0081128222768E+25
fil : = 488.41841136873
fipunto1 : = 5.7196240374648E+17
fi_gradi : = 27984.313607913
t1 : = 1.0809480786318E-14
tpunto1 : = 1.0003550839766
tduepunti0 : = 73705240107327
v=v_elettrone : = 2686162.7325504
x0= : -4.6303278585498E-13
y0= : -4.6470036463332E-12
*****
i=34430
k(34430)=0.9999995413309
kQ(34430)=0.99999908266201
r1= : 4.6699482967101E-12
rpunto1 : = -287134.07194067
rduepunti0 : = -1.0081261440844E+25
fil : = 488.41847844773
fipunto1 : = 5.7197061849309E+17
fi_gradi : = 27984.317451256
t1 : = 1.0809480903639E-14
tpunto1 : = 1.0003550926567
tduepunti0 : = 74012308006235
v=v_elettrone : = 2686307.2850649
x0= : -4.6271776377136E-13
y0= : -4.6470014621671E-12
*****
i=34431
k(34431)=0.99999953754579
kQ(34431)=0.9999990750918
r1= : 4.6699146220014E-12
rpunto1 : = -288316.4047984
rduepunti0 : = -1.0081395214655E+25
fil : = 488.4185455277
fipunto1 : = 5.7197886738271E+17
fi_gradi : = 27984.321294655
t1 : = 1.0809481020959E-14
tpunto1 : = 1.0003551013728
tduepunti0 : = 74319393151391
v=v_elettrone : = 2686452.4278187
x0= : -4.6240272587603E-13
y0= : -4.6469991191142E-12
*****
i=34432
k(34432)=0.99999953374509
kQ(34432)=0.99999906749039
r1= : 4.6698808086301E-12
rpunto1 : = -289498.75341014
rduepunti0 : = -1.0081529544242E+25
fil : = 488.41861260863
fipunto1 : = 5.7198715041798E+17
fi_gradi : = 27984.32513811
t1 : = 1.0809481138279E-14
tpunto1 : = 1.0003551101249
tduepunti0 : = 74626495615037
v=v_elettrone : = 2686598.1652405
x0= : -4.6208767217981E-13
y0= : -4.6469966171713E-12
```

```
*****
i=34433
k(34433)=0.99999952992877
kQ(34433)=0.99999905985776
r1= : 4.6698468565946E-12
rpunto1 : = -290681.11784105
rduepunti0 : = -1.0081664429646E+25
fil : = 488.41867969054
fipunto1 : = 5.7199546760159E+17
fi_gradi : = 27984.32898162
t1 : = 1.08094812556E-14
tpunto1 : = 1.000355118913
tduepunti0 : = 74933615469426
v=v_elettrone : = 2686744.4972508
x0= : -4.6177260269298E-13
y0= : -4.646993956335E-12
*****
i=34434
k(34434)=0.99999952609685
kQ(34434)=0.99999905219393
r1= : 4.6698127658929E-12
rpunto1 : = -291863.49815635
rduepunti0 : = -1.0081799870906E+25
fil : = 488.41874677342
fipunto1 : = 5.720038189362E+17
fi_gradi : = 27984.332825186
t1 : = 1.080948137292E-14
tpunto1 : = 1.0003551277371
tduepunti0 : = 75240752786821
v=v_elettrone : = 2686891.4215279
x0= : -4.6145751742582E-13
y0= : -4.646991136602E-12
*****
i=34435
k(34435)=0.99999952224932
kQ(34435)=0.99999904449887
r1= : 4.6697785365232E-12
rpunto1 : = -293045.89442121
rduepunti0 : = -1.0081935868064E+25
fil : = 488.41881385728
fipunto1 : = 5.7201220442451E+17
fi_gradi : = 27984.336668808
t1 : = 1.0809481490241E-14
tpunto1 : = 1.0003551365973
tduepunti0 : = 75547907639497
v=v_elettrone : = 2687038.9379941
x0= : -4.611424163889E-13
y0= : -4.6469881579689E-12
*****
i=34436
k(34436)=0.99999951838619
kQ(34436)=0.9999990367726
r1= : 4.6697441684837E-12
rpunto1 : = -294228.30670084
rduepunti0 : = -1.008207242116E+25
fil : = 488.41888094212
fipunto1 : = 5.7202062406923E+17
fi_gradi : = 27984.340512486
t1 : = 1.0809481607561E-14
tpunto1 : = 1.0003551454935
tduepunti0 : = 75855080099739
v=v_elettrone : = 2687187.0488249
x0= : -4.6082729959275E-13
y0= : -4.6469850204324E-12
```

```
*****
i=34437
k(34437)=0.99999951450744
kQ(34437)=0.99999902901512
r1= : 4.6697096617723E-12
rpunto1 : = -295410.73506044
rduepunti0 : = -1.0082209530236E+25
fil : = 488.41894802795
fipunto1 : = 5.7202907787305E+17
fi_gradi : = 27984.344356221
t1 : = 1.0809481724881E-14
tpunto1 : = 1.0003551544257
tduepunti0 : = 76162270239845
v=v_elettrone : = 2687335.751694
x0= : -4.6051216704767E-13
y0= : -4.646981723989E-12
*****
i=34438
k(34438)=0.99999951061309
kQ(34438)=0.99999902122641
r1= : 4.6696750163873E-12
rpunto1 : = -296593.17956522
rduepunti0 : = -1.0082347195332E+25
fil : = 488.41901511478
fipunto1 : = 5.7203756583872E+17
fi_gradi : = 27984.348200013
t1 : = 1.0809481842202E-14
tpunto1 : = 1.0003551633939
tduepunti0 : = 76469478132121
v=v_elettrone : = 2687485.0487726
x0= : -4.6019701876422E-13
y0= : -4.6469782686354E-12
*****
i=34439
k(34439)=0.99999950670312
kQ(34439)=0.99999901340649
r1= : 4.6696402323267E-12
rpunto1 : = -297775.64028041
rduepunti0 : = -1.0082485416491E+25
fil : = 488.4190822026
fipunto1 : = 5.7204608796896E+17
fi_gradi : = 27984.352043862
t1 : = 1.0809481959522E-14
tpunto1 : = 1.0003551723982
tduepunti0 : = 76776703848887
v=v_elettrone : = 2687634.9377366
x0= : -4.5988185475269E-13
y0= : -4.6469746543683E-12
*****
i=34440
k(34440)=0.99999950277755
kQ(34440)=0.99999900555534
r1= : 4.6696053095887E-12
rpunto1 : = -298958.1172712
rduepunti0 : = -1.0082624193753E+25
fil : = 488.41914929141
fipunto1 : = 5.7205464426651E+17
fi_gradi : = 27984.355887768
t1 : = 1.0809482076842E-14
tpunto1 : = 1.0003551814385
tduepunti0 : = 77083947462471
v=v_elettrone : = 2687785.4207587
x0= : -4.5956667502363E-13
y0= : -4.646970881184E-12
```

```

*****
i=34441
k(34441)=0.99999949883636
kQ(34441)=0.99999899767296
r1= : 4.6695702481714E-12
rpunto1 : = -300140.61060284
rduepunti0 : = -1.008276352716E+25
fil : = 488.41921638123
fipunto1 : = 5.7206323473414E+17
fi_gradi : = 27984.359731732
t1 : = 1.0809482194163E-14
tpunto1 : = 1.0003551905148
tduepunti0 : = 77391209045214
v=v_elettrone : = 2687936.4955104
x0= : -4.5925147958733E-13
y0= : -4.6469669490794E-12
*****
i=34442
k(34442)=0.99999949487955
kQ(34442)=0.99999898975936
r1= : 4.6695350480728E-12
rpunto1 : = -301323.12034055
rduepunti0 : = -1.0082903416755E+25
fil : = 488.41928347206
fipunto1 : = 5.7207185937462E+17
fi_gradi : = 27984.363575753
t1 : = 1.0809482311483E-14
tpunto1 : = 1.0003551996272
tduepunti0 : = 77698488669469
v=v_elettrone : = 2688088.1641656
x0= : -4.5893626845436E-13
y0= : -4.6469628580509E-12
*****
i=34443
k(34443)=0.99999949090714
kQ(34443)=0.99999898181454
r1= : 4.6694997092909E-12
rpunto1 : = -302505.64654956
rduepunti0 : = -1.0083043862579E+25
fil : = 488.4193505639
fipunto1 : = 5.7208051819072E+17
fi_gradi : = 27984.367419832
t1 : = 1.0809482428803E-14
tpunto1 : = 1.0003552087756
tduepunti0 : = 78005786407599
v=v_elettrone : = 2688240.4243953
x0= : -4.5862104163502E-13
y0= : -4.6469586080951E-12
*****
i=34444
k(34444)=0.99999948691911
kQ(34444)=0.99999897383848
r1= : 4.669464231824E-12
rpunto1 : = -303688.18929511
rduepunti0 : = -1.0083184864675E+25
fil : = 488.41941765676
fipunto1 : = 5.7208921118523E+17
fi_gradi : = 27984.37126397
t1 : = 1.0809482546124E-14
tpunto1 : = 1.0003552179601
tduepunti0 : = 78313102331978
v=v_elettrone : = 2688393.2783701
x0= : -4.5830579913985E-13
y0= : -4.6469541992087E-12

```

```
*****
i=34445
k(34445)=0.99999948291546
kQ(34445)=0.99999896583119
r1= : 4.66942861567E-12
rpunto1: = -304870.74864244
rduepunti0 : = -1.0083326423084E+25
fil : = 488.41948475063
fipunto1 : = 5.7209793836096E+17
fi_gradi : = 27984.375108166
t1 : = 1.0809482663444E-14
tpunto1 : = 1.0003552271806
tduepunti0 : = 78620436514992
v=v_elettrone : = 2688546.7237649
x0= : -4.5799054097917E-13
y0= : -4.646949631388E-12
*****
i=34446
k(34446)=0.9999994788962
kQ(34446)=0.99999895779267
r1= : 4.6693928608269E-12
rpunto1: = -306053.32465682
rduepunti0 : = -1.008346853785E+25
fil : = 488.41955184553
fipunto1 : = 5.7210669972072E+17
fi_gradi : = 27984.37895242
t1 : = 1.0809482780764E-14
tpunto1 : = 1.0003552364371
tduepunti0 : = 78927789029039
v=v_elettrone : = 2688700.7627465
x0= : -4.5767526716353E-13
y0= : -4.6469449046297E-12
*****
i=34447
k(34447)=0.99999947486132
kQ(34447)=0.99999894972291
r1= : 4.6693569672929E-12
rpunto1: = -307235.91740347
rduepunti0 : = -1.0083611209015E+25
fil : = 488.41961894146
fipunto1 : = 5.7211549526734E+17
fi_gradi : = 27984.382796734
t1 : = 1.0809482898085E-14
tpunto1 : = 1.0003552457297
tduepunti0 : = 79235159946527
v=v_elettrone : = 2688855.3929911
x0= : -4.5735997770324E-13
y0= : -4.6469400189304E-12
*****
i=34448
k(34448)=0.99999947081082
kQ(34448)=0.99999894162192
r1= : 4.669320935066E-12
rpunto1: = -308418.52694768
rduepunti0 : = -1.0083754436623E+25
fil : = 488.41968603842
fipunto1 : = 5.7212432500364E+17
fi_gradi : = 27984.386641106
t1 : = 1.0809483015405E-14
tpunto1 : = 1.0003552550584
tduepunti0 : = 79542549339876
v=v_elettrone : = 2689010.6166659
x0= : -4.5704467260886E-13
y0= : -4.6469349742865E-12
```



```
*****
i=34449
k(34449)=0.9999994667447
kQ(34449)=0.99999893348968
r1= : 4.6692847641442E-12
rpunto1 : = -309601.15335469
rduepunti0 : = -1.0083898220715E+25
fil : = 488.41975313641
fipunto1 : = 5.7213318893247E+17
fi_gradi : = 27984.390485538
t1 : = 1.0809483132725E-14
tpunto1 : = 1.0003552644231
tduepunti0 : = 79849957281518
v=v_elettrone : = 2689166.4336888
x0= : -4.567293518907E-13
y0= : -4.6469297706945E-12
*****
i=34450
k(34450)=0.99999946266296
kQ(34450)=0.99999892532621
r1= : 4.6692484545254E-12
rpunto1 : = -310783.79668979
rduepunti0 : = -1.0084042561336E+25
fil : = 488.41982023544
fipunto1 : = 5.721420870567E+17
fi_gradi : = 27984.394330029
t1 : = 1.0809483250046E-14
tpunto1 : = 1.0003552738238
tduepunti0 : = 80157383843896
v=v_elettrone : = 2689322.8417369
x0= : -4.5641401555905E-13
y0= : -4.646924408151E-12
*****
i=34451
k(34451)=0.9999994585656
kQ(34451)=0.9999989171315
r1= : 4.6692120062078E-12
rpunto1 : = -311966.45701824
rduepunti0 : = -1.0084187458529E+25
fil : = 488.41988733552
fipunto1 : = 5.7215101937919E+17
fi_gradi : = 27984.39817458
t1 : = 1.0809483367366E-14
tpunto1 : = 1.0003552832606
tduepunti0 : = 80464829099465
v=v_elettrone : = 2689479.8407247
x0= : -4.5609866362449E-13
y0= : -4.6469188866525E-12
*****
i=34452
k(34452)=0.99999945445262
kQ(34452)=0.99999890890554
r1= : 4.6691754191894E-12
rpunto1 : = -313149.13440532
rduepunti0 : = -1.0084332912337E+25
fil : = 488.41995443664
fipunto1 : = 5.7215998590283E+17
fi_gradi : = 27984.402019192
t1 : = 1.0809483484686E-14
tpunto1 : = 1.0003552927335
tduepunti0 : = 80772293120692
v=v_elettrone : = 2689637.4328233
x0= : -4.5578329609759E-13
y0= : -4.6469132061955E-12
```

```
*****
i=34453
k(34453)=0.99999945032401
kQ(34453)=0.99999890064833
r1= : 4.6691386934681E-12
rpunto1 : = -314331.82891631
rduepunti0 : = -1.0084478922804E+25
fil : = 488.42002153882
fipunto1 : = 5.7216898663049E+17
fi_gradi : = 27984.405863863
t1 : = 1.0809483602007E-14
tpunto1 : = 1.0003553022424
tduepunti0 : = 81079775980054
v=v_elettrone : = 2689795.6179507
x0= : -4.5546791298866E-13
y0= : -4.6469073667764E-12
*****
i=34454
k(34454)=0.99999944617979
kQ(34454)=0.99999889235988
r1= : 4.6691018290419E-12
rpunto1 : = -315514.54061652
rduepunti0 : = -1.0084625489974E+25
fil : = 488.42008864205
fipunto1 : = 5.7217802156509E+17
fi_gradi : = 27984.409708595
t1 : = 1.0809483719327E-14
tpunto1 : = 1.0003553117874
tduepunti0 : = 81387277750042
v=v_elettrone : = 2689954.3937783
x0= : -4.55152514308E-13
y0= : -4.6469013683916E-12
*****
i=34455
k(34455)=0.99999944201993
kQ(34455)=0.99999888404018
r1= : 4.6690648259089E-12
rpunto1 : = -316697.26957122
rduepunti0 : = -1.0084772613892E+25
fil : = 488.42015574634
fipunto1 : = 5.7218709070954E+17
fi_gradi : = 27984.413553388
t1 : = 1.0809483836648E-14
tpunto1 : = 1.0003553213685
tduepunti0 : = 81694798503157
v=v_elettrone : = 2690113.7624724
x0= : -4.5483710006619E-13
y0= : -4.6468952110378E-12
*****
i=34456
k(34456)=0.99999943784445
kQ(34456)=0.99999887568922
r1= : 4.6690276840669E-12
rpunto1 : = -317880.01584573
rduepunti0 : = -1.0084920294601E+25
fil : = 488.4202228517
fipunto1 : = 5.7219619406675E+17
fi_gradi : = 27984.417398241
t1 : = 1.0809483953968E-14
tpunto1 : = 1.0003553309856
tduepunti0 : = 82002338311913
v=v_elettrone : = 2690273.7217034
x0= : -4.5452167027354E-13
y0= : -4.6468888947113E-12
```

```
*****
i=34457
k(34457)=0.99999943365335
kQ(34457)=0.99999886730702
r1= : 4.668990403514E-12
rpunto1: = -319062.77950534
rduepunti0 : = -1.0085068532145E+25
fil : = 488.42028995812
fipunto1 : = 5.7220533163968E+17
fi_gradi : = 27984.421243156
t1 : = 1.0809484071288E-14
tpunto1 : = 1.0003553406388
tduepunti0 : = 82309897248835
v=v_elettrone : = 2690434.2736388
x0= : -4.5420622494063E-13
y0= : -4.6468824194086E-12
*****
i=34458
k(34458)=0.99999942944662
kQ(34458)=0.99999885889356
r1= : 4.6689529842482E-12
rpunto1: = -320245.56061537
rduepunti0 : = -1.0085217326571E+25
fil : = 488.42035706561
fipunto1 : = 5.7221450343126E+17
fi_gradi : = 27984.425088132
t1 : = 1.0809484188609E-14
tpunto1 : = 1.0003553503281
tduepunti0 : = 82617475386461
v=v_elettrone : = 2690595.4181926
x0= : -4.5389076407777E-13
y0= : -4.6468757851261E-12
*****
i=34459
k(34459)=0.99999942522426
kQ(34459)=0.99999885044884
r1= : 4.6689154262673E-12
rpunto1: = -321428.35924112
rduepunti0 : = -1.0085366677921E+25
fil : = 488.42042417418
fipunto1 : = 5.7222370944445E+17
fi_gradi : = 27984.42893317
t1 : = 1.0809484305929E-14
tpunto1 : = 1.0003553600534
tduepunti0 : = 82925072797340
v=v_elettrone : = 2690757.1530393
x0= : -4.5357528769528E-13
y0= : -4.6468689918602E-12
*****
i=34460
k(34460)=0.99999942098626
kQ(34460)=0.99999884197286
r1= : 4.6688777295693E-12
rpunto1: = -322611.17544793
rduepunti0 : = -1.0085516586241E+25
fil : = 488.42049128383
fipunto1 : = 5.7223294968223E+17
fi_gradi : = 27984.43277827
t1 : = 1.0809484423249E-14
tpunto1 : = 1.0003553698148
tduepunti0 : = 83232689554033
v=v_elettrone : = 2690919.4780931
x0= : -4.5325979580373E-13
y0= : -4.6468620396074E-12
```

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*****
i=34461
k(34461)=0.99999941673264
kQ(34461)=0.99999883346563
r1= : 4.6688398941522E-12
rpunto1 : = -323794.00930112
rduepunti0 : = -1.0085667051577E+25
fil : = 488.42055839456
fipunto1 : = 5.7224222414757E+17
fi_gradi : = 27984.436623431
t1 : = 1.080948454057E-14
tpunto1 : = 1.0003553796123
tduepunti0 : = 83540325729114
v=v_elettrone : = 2691082.3977655
x0= : -4.5294428841371E-13
y0= : -4.6468549283641E-12
*****
i=34462
k(34462)=0.99999941246339
kQ(34462)=0.99999882492713
r1= : 4.6688019200139E-12
rpunto1 : = -324976.86086602
rduepunti0 : = -1.0085818073973E+25
fil : = 488.42062550638
fipunto1 : = 5.7225153284346E+17
fi_gradi : = 27984.440468655
t1 : = 1.080948465789E-14
tpunto1 : = 1.0003553894459
tduepunti0 : = 83847981395168
v=v_elettrone : = 2691245.9074815
x0= : -4.5262876553528E-13
y0= : -4.6468476581266E-12
*****
i=34463
k(34463)=0.99999940817851
kQ(34463)=0.99999881635737
r1= : 4.6687638071523E-12
rpunto1 : = -326159.73020796
rduepunti0 : = -1.0085969653475E+25
fil : = 488.42069261929
fipunto1 : = 5.7226087577291E+17
fi_gradi : = 27984.444313942
t1 : = 1.0809484775211E-14
tpunto1 : = 1.0003553993156
tduepunti0 : = 84155656624793
v=v_elettrone : = 2691410.0071552
x0= : -4.5231322717901E-13
y0= : -4.6468402288915E-12
*****
i=34464
k(34464)=0.99999940387799
kQ(34464)=0.99999880775634
r1= : 4.6687255555653E-12
rpunto1 : = -327342.61739229
rduepunti0 : = -1.0086121790129E+25
fil : = 488.4207597333
fipunto1 : = 5.7227025293893E+17
fi_gradi : = 27984.448159291
t1 : = 1.0809484892531E-14
tpunto1 : = 1.0003554092213
tduepunti0 : = 84463351490600
v=v_elettrone : = 2691574.7011968
x0= : -4.5199767335549E-13
y0= : -4.6468326406549E-12
```

```
*****
i=34465
k(34465)=0.99999939956184
kQ(34465)=0.99999879912404
r1= : 4.6686871652508E-12
rpunto1 : = -328525.52248436
rduepunti0 : = -1.008627448398E+25
fil : = 488.42082684841
fipunto1 : = 5.7227966434454E+17
fi_gradi : = 27984.452004704
t1 : = 1.0809485009851E-14
tpunto1 : = 1.0003554191632
tduepunti0 : = 84771066065209
v=v_elettrone : = 2691739.9827827
x0= : -4.5168210407479E-13
y0= : -4.6468248934135E-12
*****
i=34466
k(34466)=0.99999939523005
kQ(34466)=0.99999879046047
r1= : 4.6686486362068E-12
rpunto1 : = -329708.44554951
rduepunti0 : = -1.0086427735074E+25
fil : = 488.42089396462
fipunto1 : = 5.7228910999279E+17
fi_gradi : = 27984.455850179
t1 : = 1.0809485127172E-14
tpunto1 : = 1.0003554291411
tduepunti0 : = 85078800421256
v=v_elettrone : = 2691905.8585687
x0= : -4.5136651934775E-13
y0= : -4.6468169871634E-12
*****
i=34467
k(34467)=0.99999939088263
kQ(34467)=0.99999878176564
r1= : 4.6686099684312E-12
rpunto1 : = -330891.38665311
rduepunti0 : = -1.0086581543458E+25
fil : = 488.42096108194
fipunto1 : = 5.7229858988672E+17
fi_gradi : = 27984.459695719
t1 : = 1.0809485244492E-14
tpunto1 : = 1.0003554391551
tduepunti0 : = 85386554631387
v=v_elettrone : = 2692072.323976
x0= : -4.5105091918443E-13
y0= : -4.646808921901E-12
*****
i=34468
k(34468)=0.99999938651957
kQ(34468)=0.99999877303952
r1= : 4.6685711619217E-12
rpunto1 : = -332074.34586052
rduepunti0 : = -1.0086735909177E+25
fil : = 488.42102820037
fipunto1 : = 5.7230810402938E+17
fi_gradi : = 27984.463541321
t1 : = 1.0809485361812E-14
tpunto1 : = 1.0003554492053
tduepunti0 : = 85694328768262
v=v_elettrone : = 2692239.3811645
x0= : -4.5073530359543E-13
y0= : -4.6468006976228E-12
```

```
*****
i=34469
k(34469)=0.99999938214088
kQ(34469)=0.99999876428214
r1= : 4.6685322166763E-12
rpunto1 : = -333257.32323711
rduepunti0 : = -1.0086890832278E+25
fil : = 488.42109531992
fipunto1 : = 5.7231765242386E+17
fi_gradi : = 27984.467386988
t1 : = 1.0809485479133E-14
tpunto1 : = 1.0003554592915
tduepunti0 : = 86002122904552
v=v_elettrone : = 2692407.0278061
x0= : -4.5041967259107E-13
y0= : -4.646792314325E-12
*****
i=34470
k(34470)=0.99999937774654
kQ(34470)=0.99999875549347
r1= : 4.6684931326929E-12
rpunto1 : = -334440.31884825
rduepunti0 : = -1.0087046312809E+25
fil : = 488.42116244058
fipunto1 : = 5.7232723507322E+17
fi_gradi : = 27984.471232719
t1 : = 1.0809485596453E-14
tpunto1 : = 1.0003554694138
tduepunti0 : = 86309937112941
v=v_elettrone : = 2692575.2683042
x0= : -4.5010402618196E-13
y0= : -4.646783772004E-12
*****
i=34471
k(34471)=0.99999937333657
kQ(34471)=0.99999874667353
r1= : 4.6684539099693E-12
rpunto1 : = -335623.33275933
rduepunti0 : = -1.0087202350814E+25
fil : = 488.42122956237
fipunto1 : = 5.7233685198056E+17
fi_gradi : = 27984.475078514
t1 : = 1.0809485713774E-14
tpunto1 : = 1.0003554795722
tduepunti0 : = 86617771466126
v=v_elettrone : = 2692744.0958383
x0= : -4.4978836437814E-13
y0= : -4.6467750706561E-12
*****
i=34472
k(34472)=0.99999936891095
kQ(34472)=0.9999987378223
r1= : 4.6684145485034E-12
rpunto1 : = -336806.36503572
rduepunti0 : = -1.0087358946342E+25
fil : = 488.42129668529
fipunto1 : = 5.7234650314899E+17
fi_gradi : = 27984.478924374
t1 : = 1.0809485831094E-14
tpunto1 : = 1.0003554897667
tduepunti0 : = 86925626036815
v=v_elettrone : = 2692913.5170568
x0= : -4.4947268719049E-13
y0= : -4.6467662102776E-12
```

```
*****
i=34473
k(34473)=0.9999993644697
kQ(34473)=0.99999872893979
r1= : 4.668375048293E-12
rpunto1 : = -337989.41574283
rduerpunti0 : = -1.008751609944E+25
fil : = 488.42136380934
fipunto1 : = 5.7235618858162E+17
fi_gradi : = 27984.482770299
t1 : = 1.0809485948414E-14
tpunto1 : = 1.0003554999974
tduerpunti0 : = 87233500897732
v=v_elettrone : = 2693083.5273846
x0= : -4.4915699462907E-13
y0= : -4.6467571908648E-12
*****
i=34474
k(34474)=0.9999993600128
kQ(34474)=0.999998720026
r1= : 4.668335409336E-12
rpunto1 : = -339172.48494604
rduerpunti0 : = -1.0087673810155E+25
fil : = 488.42143093453
fipunto1 : = 5.7236590828157E+17
fi_gradi : = 27984.486616289
t1 : = 1.0809486065735E-14
tpunto1 : = 1.0003555102641
tduerpunti0 : = 87541396121610
v=v_elettrone : = 2693254.1289777
x0= : -4.4884128670449E-13
y0= : -4.6467480124141E-12
*****
i=34475
k(34475)=0.99999935554025
kQ(34475)=0.99999871108092
r1= : 4.6682956316301E-12
rpunto1 : = -340355.57271076
rduerpunti0 : = -1.0087832078534E+25
fil : = 488.42149806085
fipunto1 : = 5.7237566225199E+17
fi_gradi : = 27984.490462344
t1 : = 1.0809486183055E-14
tpunto1 : = 1.000355520567
tduerpunti0 : = 87849311781197
v=v_elettrone : = 2693425.319507
x0= : -4.4852556342708E-13
y0= : -4.6467386749216E-12
*****
i=34476
k(34476)=0.99999935105206
kQ(34476)=0.99999870210455
r1= : 4.6682557151733E-12
rpunto1 : = -341538.6791024
rduerpunti0 : = -1.0087990904626E+25
fil : = 488.42156518832
fipunto1 : = 5.7238545049601E+17
fi_gradi : = 27984.494308465
t1 : = 1.0809486300375E-14
tpunto1 : = 1.0003555309059
tduerpunti0 : = 88157247949252
v=v_elettrone : = 2693597.1033715
x0= : -4.4820982480743E-13
y0= : -4.6467291783838E-12
```

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*****
i=34477
k(34477)=0.99999934654823
kQ(34477)=0.99999869309689
r1= : 4.6682156599633E-12
rpunto1 : = -342721.80418636
rduepunti0 : = -1.0088150288477E+25
fil : = 488.42163231694
fipunto1 : = 5.7239527301681E+17
fi_gradi : = 27984.498154651
t1 : = 1.0809486417696E-14
tpunto1 : = 1.000355541281
tduepunti0 : = 88465204698548
v=v_elettrone : = 2693769.4759967
x0= : -4.4789407085563E-13
y0= : -4.6467195227968E-12
*****
i=34478
k(34478)=0.99999934202875
kQ(34478)=0.99999868405793
r1= : 4.6681754659979E-12
rpunto1 : = -343904.94802808
rduepunti0 : = -1.0088310230136E+25
fil : = 488.42169944671
fipunto1 : = 5.7240512981755E+17
fi_gradi : = 27984.502000904
t1 : = 1.0809486535016E-14
tpunto1 : = 1.0003555516922
tduepunti0 : = 88773182101871
v=v_elettrone : = 2693942.4372959
x0= : -4.4757830158229E-13
y0= : -4.6467097081569E-12
*****
i=34479
k(34479)=0.99999933749362
kQ(34479)=0.99999867498768
r1= : 4.668135133275E-12
rpunto1 : = -345088.11069297
rduepunti0 : = -1.0088470729651E+25
fil : = 488.42176657764
fipunto1 : = 5.7241502090141E+17
fi_gradi : = 27984.505847222
t1 : = 1.0809486652337E-14
tpunto1 : = 1.0003555621395
tduepunti0 : = 89081180232020
v=v_elettrone : = 2694115.9916668
x0= : -4.47262516998E-13
y0= : -4.6466997344603E-12
*****
i=34480
k(34480)=0.99999933294285
kQ(34480)=0.99999866588614
r1= : 4.6680946617923E-12
rpunto1 : = -346271.29224646
rduepunti0 : = -1.008863178707E+25
fil : = 488.42183370972
fipunto1 : = 5.7242494627159E+17
fi_gradi : = 27984.509693608
t1 : = 1.0809486769657E-14
tpunto1 : = 1.000355572623
tduepunti0 : = 89389199161805
v=v_elettrone : = 2694290.134534
x0= : -4.4694671711284E-13
y0= : -4.6466896017034E-12
```



```
*****
i=34481
k(34481)=0.99999932837642
kQ(34481)=0.99999865675329
r1= : 4.6680540515476E-12
rpunto1 : = -347454.49275399
rduepunti0 : = -1.0088793402442E+25
fil : = 488.42190084297
fipunto1 : = 5.7243490593129E+17
fi_gradi : = 27984.51354006
t1 : = 1.0809486886977E-14
tpunto1 : = 1.0003555831426
tduepunti0 : = 89697238964051
v=v_elettrone : = 2694464.8680536
x0= : -4.4663090193743E-13
y0= : -4.6466793098823E-12
*****
i=34482
k(34482)=0.99999932379434
kQ(34482)=0.99999864758915
r1= : 4.6680133025387E-12
rpunto1 : = -348637.712281
rduepunti0 : = -1.0088955575816E+25
fil : = 488.42196797739
fipunto1 : = 5.7244489988372E+17
fi_gradi : = 27984.517386578
t1 : = 1.0809487004298E-14
tpunto1 : = 1.0003555936983
tduepunti0 : = 90005299711596
v=v_elettrone : = 2694640.1921348
x0= : -4.4631507148211E-13
y0= : -4.6466688589933E-12
*****
i=34483
k(34483)=0.99999931919662
kQ(34483)=0.9999986383937
r1= : 4.6679724147633E-12
rpunto1 : = -349820.95089295
rduepunti0 : = -1.008911830724E+25
fil : = 488.42203511298
fipunto1 : = 5.7245492813212E+17
fi_gradi : = 27984.521233164
t1 : = 1.0809487121618E-14
tpunto1 : = 1.0003556042901
tduepunti0 : = 90313381477290
v=v_elettrone : = 2694816.1044477
x0= : -4.4599922575722E-13
y0= : -4.6466582490325E-12
*****
i=34484
k(34484)=0.99999931458324
kQ(34484)=0.99999862916694
r1= : 4.6679313882193E-12
rpunto1 : = -351004.20865527
rduepunti0 : = -1.0089281596763E+25
fil : = 488.42210224975
fipunto1 : = 5.7246499067972E+17
fi_gradi : = 27984.525079818
t1 : = 1.0809487238939E-14
tpunto1 : = 1.0003556149181
tduepunti0 : = 90621484333996
v=v_elettrone : = 2694992.6071431
x0= : -4.4568336477339E-13
y0= : -4.6466474799963E-12
```

```
*****
i=34485
k(34485)=0.9999993099542
kQ(34485)=0.99999861990888
r1= : 4.6678902229044E-12
rpunto1: = -352187.48563344
rduepunti0 : = -1.0089445444435E+25
fil : = 488.42216938769
fipunto1 : = 5.7247508752977E+17
fi_gradi : = 27984.528926539
t1 : = 1.0809487356259E-14
tpunto1 : = 1.0003556255822
tduepunti0 : = 90929608354593
v=v_elettrone : = 2695169.7001333
x0= : -4.4536748854096E-13
y0= : -4.6466365518807E-12
*****
i=34486
k(34486)=0.99999930530951
kQ(34486)=0.99999861061951
r1= : 4.6678489188162E-12
rpunto1: = -353370.78189291
rduepunti0 : = -1.0089609850305E+25
fil : = 488.42223652682
fipunto1 : = 5.7248521868553E+17
fi_gradi : = 27984.532773327
t1 : = 1.0809487473579E-14
tpunto1 : = 1.0003556362824
tduepunti0 : = 91237753611968
v=v_elettrone : = 2695347.3833273
x0= : -4.4505159707029E-13
y0= : -4.646625464682E-12
*****
i=34487
k(34487)=0.99999930064917
kQ(34487)=0.99999860129883
r1= : 4.6678074759527E-12
rpunto1: = -354554.09749915
rduepunti0 : = -1.0089774814422E+25
fil : = 488.42230366714
fipunto1 : = 5.7249538415028E+17
fi_gradi : = 27984.536620184
t1 : = 1.08094875909E-14
tpunto1 : = 1.0003556470188
tduepunti0 : = 91545920179027
v=v_elettrone : = 2695525.654393
x0= : -4.4473569037172E-13
y0= : -4.6466142183964E-12
*****
i=34488
k(34488)=0.99999929597317
kQ(34488)=0.99999859194683
r1= : 4.6677658943114E-12
rpunto1: = -355737.43251765
rduepunti0 : = -1.0089940336836E+25
fil : = 488.42237080865
fipunto1 : = 5.7250558392729E+17
fi_gradi : = 27984.540467109
t1 : = 1.080948770822E-14
tpunto1 : = 1.0003556577913
tduepunti0 : = 91854108128686
v=v_elettrone : = 2695704.5177251
x0= : -4.4441976845588E-13
y0= : -4.64660281302E-12
```

```
*****
i=34489
k(34489)=0.99999929128151
kQ(34489)=0.99999858256352
r1= : 4.6677241738902E-12
rpunto1 : = -356920.78701389
rduepunti0 : = -1.0090106417597E+25
fil : = 488.42243795136
fipunto1 : = 5.7251581801986E+17
fi_gradi : = 27984.544314103
t1 : = 1.0809487825541E-14
tpunto1 : = 1.0003556686
tduepunti0 : = 92162317533874
v=v_elettrone : = 2695883.9687456
x0= : -4.4410383133286E-13
y0= : -4.646591248549E-12
*****
i=34490
k(34490)=0.99999928657419
kQ(34490)=0.99999857314889
r1= : 4.6676823146866E-12
rpunto1 : = -358104.16105334
rduepunti0 : = -1.0090273056755E+25
fil : = 488.42250509526
fipunto1 : = 5.725260864313E+17
fi_gradi : = 27984.548161166
t1 : = 1.0809487942861E-14
tpunto1 : = 1.0003556794448
tduepunti0 : = 92470548467535
v=v_elettrone : = 2696064.0096083
x0= : -4.4378787901329E-13
y0= : -4.6465795249796E-12
*****
i=34491
k(34491)=0.99999928185122
kQ(34491)=0.99999856370295
r1= : 4.6676403166986E-12
rpunto1 : = -359287.55470151
rduepunti0 : = -1.0090440254361E+25
fil : = 488.42257224038
fipunto1 : = 5.7253638916492E+17
fi_gradi : = 27984.552008297
t1 : = 1.0809488060181E-14
tpunto1 : = 1.0003556903258
tduepunti0 : = 92778801002625
v=v_elettrone : = 2696244.6379787
x0= : -4.4347191150751E-13
y0= : -4.6465676423078E-12
*****
i=34492
k(34492)=0.99999927711258
kQ(34492)=0.99999855422568
r1= : 4.6675981799236E-12
rpunto1 : = -360470.9680239
rduepunti0 : = -1.0090608010463E+25
fil : = 488.4226393867
fipunto1 : = 5.7254672622405E+17
fi_gradi : = 27984.555855498
t1 : = 1.0809488177502E-14
tpunto1 : = 1.0003557012429
tduepunti0 : = 93087075212116
v=v_elettrone : = 2696425.8582492
x0= : -4.4315592882616E-13
y0= : -4.6465556005299E-12
```

```
*****
i=34493
k(34493)=0.99999927235828
kQ(34493)=0.99999854471709
r1= : 4.6675559043595E-12
rpunto1 : = -361654.40108602
rduepunti0 : = -1.0090776325114E+25
fil : = 488.42270653423
fipunto1 : = 5.7255709761203E+17
fi_gradi : = 27984.559702768
t1 : = 1.0809488294822E-14
tpunto1 : = 1.0003557121962
tduepunti0 : = 93395371168991
v=v_elettrone : = 2696607.6658437
x0= : -4.4283993097933E-13
y0= : -4.646543399642E-12
*****
i=34494
k(34494)=0.99999926758832
kQ(34494)=0.99999853517717
r1= : 4.6675134900039E-12
rpunto1 : = -362837.85395336
rduepunti0 : = -1.0090945198363E+25
fil : = 488.42277368298
fipunto1 : = 5.7256750333221E+17
fi_gradi : = 27984.563550108
t1 : = 1.0809488412143E-14
tpunto1 : = 1.0003557231857
tduepunti0 : = 93703688946248
v=v_elettrone : = 2696790.0629114
x0= : -4.4252391797766E-13
y0= : -4.6465310396401E-12
*****
i=34495
k(34495)=0.99999926280269
kQ(34495)=0.99999852560592
r1= : 4.6674709368545E-12
rpunto1 : = -364021.32669146
rduepunti0 : = -1.0091114630262E+25
fil : = 488.42284083294
fipunto1 : = 5.7257794338796E+17
fi_gradi : = 27984.567397518
t1 : = 1.0809488529463E-14
tpunto1 : = 1.0003557342113
tduepunti0 : = 94012028616897
v=v_elettrone : = 2696973.0493629
x0= : -4.4220788983151E-13
y0= : -4.6465185205204E-12
*****
i=34496
k(34496)=0.9999992580014
kQ(34496)=0.99999851600335
r1= : 4.667428244909E-12
rpunto1 : = -365204.81936583
rduepunti0 : = -1.0091284620862E+25
fil : = 488.42290798414
fipunto1 : = 5.7258841778264E+17
fi_gradi : = 27984.571244998
t1 : = 1.0809488646784E-14
tpunto1 : = 1.000355745273
tduepunti0 : = 94320390253963
v=v_elettrone : = 2697156.6251001
x0= : -4.4189184655125E-13
y0= : -4.646505842279E-12
```

```
*****
i=34497
k(34497)=0.99999925318444
kQ(34497)=0.99999850636944
r1= : 4.6673854141649E-12
rpunto1 : = -366388.33204201
rduepunti0 : = -1.0091455170214E+25
fil : = 488.42297513656
fipunto1 : = 5.7259892651964E+17
fi_gradi : = 27984.575092548
t1 : = 1.0809488764104E-14
tpunto1 : = 1.000355756371
tduepunti0 : = 94628773930485
v=v_elettrone : = 2697340.7900341
x0= : -4.4157578814724E-13
y0= : -4.646493004912E-12
*****
i=34498
k(34498)=0.99999924835182
kQ(34498)=0.9999984967042
r1= : 4.6673424446201E-12
rpunto1 : = -367571.86478553
rduepunti0 : = -1.0091626278369E+25
fil : = 488.42304229021
fipunto1 : = 5.7260946960236E+17
fi_gradi : = 27984.578940169
t1 : = 1.0809488881424E-14
tpunto1 : = 1.0003557675051
tduepunti0 : = 94937179719515
v=v_elettrone : = 2697525.5418303
x0= : -4.4125971462986E-13
y0= : -4.6464800084154E-12
*****
i=34499
k(34499)=0.99999924350352
kQ(34499)=0.99999848700762
r1= : 4.6672993362721E-12
rpunto1 : = -368755.41766193
rduepunti0 : = -1.0091797945378E+25
fil : = 488.4231094451
fipunto1 : = 5.726200470342E+17
fi_gradi : = 27984.582787861
t1 : = 1.0809488998745E-14
tpunto1 : = 1.0003557786754
tduepunti0 : = 95245607694120
v=v_elettrone : = 2697710.8826326
x0= : -4.4094362600974E-13
y0= : -4.6464668527854E-12
*****
i=34500
k(34500)=0.99999923863956
kQ(34500)=0.99999847727971
r1= : 4.6672560891186E-12
rpunto1 : = -369938.99073676
rduepunti0 : = -1.0091970171295E+25
fil : = 488.42317660123
fipunto1 : = 5.7263065881857E+17
fi_gradi : = 27984.586635624
t1 : = 1.0809489116065E-14
tpunto1 : = 1.0003557898818
tduepunti0 : = 95554057927379
v=v_elettrone : = 2697896.8145926
x0= : -4.4062752229726E-13
y0= : -4.646453538018E-12
```

```
*****
i=34501
k(34501)=0.99999923375993
kQ(34501)=0.99999846752045
r1= : 4.6672127031571E-12
rpunto1: = -371122.58407558
rduepunti0 : = -1.0092142956169E+25
fil : = 488.42324375861
fipunto1 : = 5.7264130495892E+17
fi_gradi : = 27984.590483458
t1 : = 1.0809489233386E-14
tpunto1 : = 1.0003558011245
tduepunti0 : = 95862530492386
v=v_elettrone : = 2698083.3331317
x0= : -4.4031140350252E-13
y0= : -4.6464400641093E-12
*****
i=34502
k(34502)=0.99999922886463
kQ(34502)=0.99999845772985
r1= : 4.6671691783854E-12
rpunto1: = -372306.19774394
rduepunti0 : = -1.0092316300055E+25
fil : = 488.42331091723
fipunto1 : = 5.7265198545868E+17
fi_gradi : = 27984.594331363
t1 : = 1.0809489350706E-14
tpunto1 : = 1.0003558124033
tduepunti0 : = 96171025462249
v=v_elettrone : = 2698270.4403976
x0= : -4.3999526963618E-13
y0= : -4.6464264310553E-12
*****
i=34503
k(34503)=0.99999922395365
kQ(34503)=0.99999844790791
r1= : 4.667125514801E-12
rpunto1: = -373489.83180741
rduepunti0 : = -1.0092490203003E+25
fil : = 488.42337807711
fipunto1 : = 5.7266270032131E+17
fi_gradi : = 27984.598179341
t1 : = 1.0809489468026E-14
tpunto1 : = 1.0003558237183
tduepunti0 : = 96479542910089
v=v_elettrone : = 2698458.1362939
x0= : -4.396791207086E-13
y0= : -4.646412638852E-12
*****
i=34504
k(34504)=0.999999219027
kQ(34504)=0.99999843805462
r1= : 4.6670817124015E-12
rpunto1: = -374673.48633157
rduepunti0 : = -1.0092664665066E+25
fil : = 488.42344523824
fipunto1 : = 5.7267344955026E+17
fi_gradi : = 27984.60202739
t1 : = 1.0809489585347E-14
tpunto1 : = 1.0003558350695
tduepunti0 : = 96788082909044
v=v_elettrone : = 2698646.4184871
x0= : -4.3936295673017E-13
y0= : -4.6463986874955E-12
```

```
*****
i=34505
k(34505)=0.99999921408468
kQ(34505)=0.99999842816998
r1= : 4.6670377711846E-12
rpunto1 : = -375857.16138198
rduepunti0 : = -1.0092839686297E+25
fil : = 488.42351240064
fipunto1 : = 5.7268423314901E+17
fi_gradi : = 27984.605875512
t1 : = 1.0809489702667E-14
tpunto1 : = 1.0003558464568
tduepunti0 : = 97096645532262
v=v_elettrone : = 2698835.2913617
x0= : -4.390467771153E-13
y0= : -4.6463845769818E-12
*****
i=34506
k(34506)=0.99999920912668
kQ(34506)=0.99999841825399
r1= : 4.6669936911479E-12
rpunto1 : = -377040.85702424
rduepunti0 : = -1.0093015266749E+25
fil : = 488.4235795643
fipunto1 : = 5.7269505112105E+17
fi_gradi : = 27984.609723706
t1 : = 1.0809489819988E-14
tpunto1 : = 1.0003558578804
tduepunti0 : = 97405230852909
v=v_elettrone : = 2699024.7525816
x0= : -4.3873058366281E-13
y0= : -4.6463703073069E-12
*****
i=34507
k(34507)=0.999999204153
kQ(34507)=0.99999840830664
r1= : 4.6669494722888E-12
rpunto1 : = -378224.57332394
rduepunti0 : = -1.0093191406474E+25
fil : = 488.42364672922
fipunto1 : = 5.7270590346987E+17
fi_gradi : = 27984.613571973
t1 : = 1.0809489937308E-14
tpunto1 : = 1.0003558693401
tduepunti0 : = 97713838944161
v=v_elettrone : = 2699214.7998134
x0= : -4.3841437459439E-13
y0= : -4.6463558784668E-12
*****
i=34508
k(34508)=0.99999919916365
kQ(34508)=0.99999839832794
r1= : 4.6669051146051E-12
rpunto1 : = -379408.31034667
rduepunti0 : = -1.0093368105525E+25
fil : = 488.42371389542
fipunto1 : = 5.7271679019898E+17
fi_gradi : = 27984.617420313
t1 : = 1.0809490054629E-14
tpunto1 : = 1.0003558808361
tduepunti0 : = 98022469879213
v=v_elettrone : = 2699405.4374365
x0= : -4.3809815051691E-13
y0= : -4.6463412904575E-12
```

```
*****
i=34509
k(34509)=0.99999919415862
kQ(34509)=0.99999838831788
r1= : 4.6668606180942E-12
rpunto1: = -380592.06815804
rduepunti0 : = -1.0093545363957E+25
fil : = 488.4237810629
fipunto1 : = 5.7272771131191E+17
fi_gradi : = 27984.621268726
t1 : = 1.0809490171949E-14
tpunto1 : = 1.0003558923682
tduerpunti0 : = 98331123731270
v=v_elettrone : = 2699596.6608796
x0= : -4.3778191144051E-13
y0= : -4.6463265432751E-12
*****
i=34510
k(34510)=0.9999991891379
kQ(34510)=0.99999837827646
r1= : 4.6668159827538E-12
rpunto1: = -381775.84682366
rduepunti0 : = -1.0093723181821E+25
fil : = 488.42384823166
fipunto1 : = 5.7273866681217E+17
fi_gradi : = 27984.625117212
t1 : = 1.0809490289269E-14
tpunto1 : = 1.0003559039366
tduerpunti0 : = 98639800573554
v=v_elettrone : = 2699788.4722822
x0= : -4.3746565737584E-13
y0= : -4.6463116369154E-12
*****
i=34511
k(34511)=0.99999918410151
kQ(34511)=0.99999836820368
r1= : 4.6667712085813E-12
rpunto1: = -382959.64640914
rduepunti0 : = -1.0093901559173E+25
fil : = 488.4239154017
fipunto1 : = 5.7274965670333E+17
fi_gradi : = 27984.628965772
t1 : = 1.080949040659E-14
tpunto1 : = 1.0003559155411
tduerpunti0 : = 98948500479301
v=v_elettrone : = 2699980.8737889
x0= : -4.3714938833329E-13
y0= : -4.6462965713744E-12
*****
i=34512
k(34512)=0.99999917904943
kQ(34512)=0.99999835809954
r1= : 4.6667262955744E-12
rpunto1: = -384143.4669801
rduepunti0 : = -1.0094080496065E+25
fil : = 488.42398257303
fipunto1 : = 5.7276068098892E+17
fi_gradi : = 27984.632814406
t1 : = 1.080949052391E-14
tpunto1 : = 1.0003559271819
tduerpunti0 : = 99257223521761
v=v_elettrone : = 2700173.8608251
x0= : -4.3683310432299E-13
y0= : -4.6462813466482E-12
```



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*****
i=34513
k(34513)=0.99999917398167
kQ(34513)=0.99999834796403
r1= : 4.6666812437305E-12
rpunto1 : = -385327.30860218
rduepunti0 : = -1.0094259992552E+25
fil : = 488.42404974566
fipunto1 : = 5.7277173967252E+17
fi_gradi : = 27984.636663114
t1 : = 1.0809490641231E-14
tpunto1 : = 1.0003559388588
tduepunti0 : = 99565969774198
v=v_elettrone : = 2700367.4355292
x0= : -4.3651680535559E-13
y0= : -4.6462659627326E-12
*****
i=34514
k(34514)=0.99999916889823
kQ(34514)=0.99999833779715
r1= : 4.6666360530473E-12
rpunto1 : = -386511.171341
rduepunti0 : = -1.0094440048687E+25
fil : = 488.42411691958
fipunto1 : = 5.727828327577E+17
fi_gradi : = 27984.640511896
t1 : = 1.0809490758551E-14
tpunto1 : = 1.000355950572
tduepunti0 : = 99874739309891
v=v_elettrone : = 2700561.5978063
x0= : -4.3620049144151E-13
y0= : -4.6462504196236E-12
*****
i=34515
k(34515)=0.9999991637991
kQ(34515)=0.9999983275989
r1= : 4.6665907235221E-12
rpunto1 : = -387695.05526222
rduepunti0 : = -1.0094620664526E+25
fil : = 488.4241840948
fipunto1 : = 5.7279396024804E+17
fi_gradi : = 27984.644360753
t1 : = 1.0809490875872E-14
tpunto1 : = 1.0003559623214
tduepunti0 : = 1.0018353220213E+14
v=v_elettrone : = 2700756.3475575
x0= : -4.3588416259113E-13
y0= : -4.6462347173171E-12
*****
i=34516
k(34516)=0.99999915868428
kQ(34516)=0.99999831736927
r1= : 4.6665452551526E-12
rpunto1 : = -388878.96043147
rduepunti0 : = -1.0094801840122E+25
fil : = 488.42425127133
fipunto1 : = 5.7280512214715E+17
fi_gradi : = 27984.648209684
t1 : = 1.0809490993192E-14
tpunto1 : = 1.000355974107
tduepunti0 : = 1.0049234852423E+14
v=v_elettrone : = 2700951.6846847
x0= : -4.3556781881485E-13
y0= : -4.6462188558091E-12

```

```
*****
i=34517
k(34517)=0.99999915355378
kQ(34517)=0.99999830710827
r1= : 4.6664996479363E-12
rpunto1 : = -390062.88691441
rduepunti0 : = -1.009498357553E+25
fil : = 488.42431844916
fipunto1 : = 5.7281631845864E+17
fi_gradi : = 27984.652058691
t1 : = 1.0809491110513E-14
tpunto1 : = 1.0003559859289
tduepunti0 : = 1.0080118834952E+14
v=v_elettrone : = 2701147.6113273
x0= : -4.3525146012309E-13
y0= : -4.6462028350954E-12
*****
i=34518
k(34518)=0.99999914840759
kQ(34518)=0.9999982968159
r1= : 4.6664539018706E-12
rpunto1 : = -391246.83477671
rduepunti0 : = -1.0095165870806E+25
fil : = 488.42438562831
fipunto1 : = 5.7282754918613E+17
fi_gradi : = 27984.655907772
t1 : = 1.0809491227833E-14
tpunto1 : = 1.0003559977869
tduepunti0 : = 1.0111005175132E+14
v=v_elettrone : = 2701344.1229103
x0= : -4.3493508652597E-13
y0= : -4.646186655172E-12
*****
i=34519
k(34519)=0.9999991432457
kQ(34519)=0.99999828649214
r1= : 4.666408016953E-12
rpunto1 : = -392430.80408402
rduepunti0 : = -1.0095348726003E+25
fil : = 488.42445280878
fipunto1 : = 5.7283881433325E+17
fi_gradi : = 27984.65975693
t1 : = 1.0809491345153E-14
tpunto1 : = 1.0003560096812
tduepunti0 : = 1.0141893880299E+14
v=v_elettrone : = 2701541.2215748
x0= : -4.3461869803417E-13
y0= : -4.6461703160347E-12
*****
i=34520
k(34520)=0.99999913806813
kQ(34520)=0.999998276137
r1= : 4.6663619931811E-12
rpunto1 : = -393614.79490202
rduepunti0 : = -1.0095532141177E+25
fil : = 488.42451999057
fipunto1 : = 5.7285011390365E+17
fi_gradi : = 27984.663606163
t1 : = 1.0809491462474E-14
tpunto1 : = 1.0003560216117
tduepunti0 : = 1.017278495779E+14
v=v_elettrone : = 2701738.9072173
x0= : -4.343022946581E-13
y0= : -4.6461538176796E-12
```

```
*****
i=34521
k(34521)=0.99999913287486
kQ(34521)=0.99999826575047
r1= : 4.6663158305523E-12
rpunto1 : = -394798.8072964
rduepunti0 : = -1.0095716116384E+25
fil : = 488.42458717368
fipunto1 : = 5.7286144790097E+17
fi_gradi : = 27984.667455471
t1 : = 1.0809491579794E-14
tpunto1 : = 1.0003560335784
tduepunti0 : = 1.0203678414942E+14
v=v_elettrone : = 2701937.1797433
x0= : -4.3398587640816E-13
y0= : -4.6461371601023E-12
*****
i=34522
k(34522)=0.9999991276659
kQ(34522)=0.99999825533256
r1= : 4.666269529064E-12
rpunto1 : = -395982.84133284
rduepunti0 : = -1.0095900651678E+25
fil : = 488.42465435812
fipunto1 : = 5.728728163289E+17
fi_gradi : = 27984.671304856
t1 : = 1.0809491697115E-14
tpunto1 : = 1.0003560455814
tduepunti0 : = 1.0234574259097E+14
v=v_elettrone : = 2702136.0390481
x0= : -4.3366944329477E-13
y0= : -4.6461203432988E-12
*****
i=34523
k(34523)=0.99999912244124
kQ(34523)=0.99999824488326
r1= : 4.6662230887138E-12
rpunto1 : = -397166.89707702
rduepunti0 : = -1.0096085747116E+25
fil : = 488.4247215439
fipunto1 : = 5.728842191911E+17
fi_gradi : = 27984.675154318
t1 : = 1.0809491814435E-14
tpunto1 : = 1.0003560576206
tduepunti0 : = 1.0265472497594E+14
v=v_elettrone : = 2702335.4850365
x0= : -4.3335299532834E-13
y0= : -4.646103367265E-12
*****
i=34524
k(34524)=0.99999911720089
kQ(34524)=0.99999823440257
r1= : 4.6661765094991E-12
rpunto1 : = -398350.97459466
rduepunti0 : = -1.0096271402754E+25
fil : = 488.42478873101
fipunto1 : = 5.7289565649127E+17
fi_gradi : = 27984.679003856
t1 : = 1.0809491931756E-14
tpunto1 : = 1.0003560696961
tduepunti0 : = 1.0296373137777E+14
v=v_elettrone : = 2702535.519842
x0= : -4.3303653251928E-13
y0= : -4.6460862319967E-12
```

```
*****
i=34525
k(34525)=0.99999911194484
kQ(34525)=0.99999822389048
r1= : 4.6661297914173E-12
rpunto1 : = -399535.07395146
rduepunti0 : = -1.0096457618646E+25
fil : = 488.42485591946
fipunto1 : = 5.729071282331E+17
fi_gradi : = 27984.682853471
t1 : = 1.0809492049076E-14
tpunto1 : = 1.0003560818078
tduepunti0 : = 1.032727618699E+14
v=v_elettrone : = 2702736.1388915
x0= : -4.3272005487775E-13
y0= : -4.6460689374898E-12
*****
i=34526
k(34526)=0.9999991066731
kQ(34526)=0.999998213347
r1= : 4.6660829344659E-12
rpunto1 : = -400719.19521312
rduepunti0 : = -1.0096644394851E+25
fil : = 488.42492310926
fipunto1 : = 5.7291863442032E+17
fi_gradi : = 27984.686703163
t1 : = 1.0809492166397E-14
tpunto1 : = 1.0003560939557
tduepunti0 : = 1.0358181652578E+14
v=v_elettrone : = 2702937.3443197
x0= : -4.3240356241443E-13
y0= : -4.6460514837401E-12
*****
i=34527
k(34527)=0.99999910138565
kQ(34527)=0.99999820277211
r1= : 4.6660359386423E-12
rpunto1 : = -401903.33844537
rduepunti0 : = -1.0096831731423E+25
fil : = 488.42499030041
fipunto1 : = 5.7293017505663E+17
fi_gradi : = 27984.690552932
t1 : = 1.0809492283717E-14
tpunto1 : = 1.0003561061399
tduepunti0 : = 1.0389089541889E+14
v=v_elettrone : = 2703139.1382632
x0= : -4.3208705513974E-13
y0= : -4.6460338707434E-12
*****
i=34528
k(34528)=0.99999909608251
kQ(34528)=0.99999819216583
r1= : 4.6659888039439E-12
rpunto1 : = -403087.50371394
rduepunti0 : = -1.009701962842E+25
fil : = 488.42505749291
fipunto1 : = 5.7294175014579E+17
fi_gradi : = 27984.694402779
t1 : = 1.0809492401037E-14
tpunto1 : = 1.0003561183603
tduepunti0 : = 1.0419999862271E+14
v=v_elettrone : = 2703341.5161472
x0= : -4.3177053306384E-13
y0= : -4.6460160984955E-12
```

```
*****
i=34529
k(34529)=0.99999909076366
kQ(34529)=0.99999818152815
r1= : 4.6659415303682E-12
rpunto1 : = -404271.69108455
rduepunti0 : = -1.0097208085898E+25
fil : = 488.42512468677
fipunto1 : = 5.7295335969153E+17
fi_gradi : = 27984.698252703
t1 : = 1.0809492518358E-14
tpunto1 : = 1.000356130617
tduepunti0 : = 1.0450912621075E+14
v=v_elettrone : = 2703544.4823424
x0= : -4.3145399619742E-13
y0= : -4.6459981669922E-12
*****
i=34530
k(34530)=0.99999908542911
kQ(34530)=0.99999817085906
r1= : 4.6658941179125E-12
rpunto1 : = -405455.90062295
rduepunti0 : = -1.0097397103915E+25
fil : = 488.42519188199
fipunto1 : = 5.7296500369761E+17
fi_gradi : = 27984.702102706
t1 : = 1.0809492635678E-14
tpunto1 : = 1.00035614291
tduepunti0 : = 1.0481827825652E+14
v=v_elettrone : = 2703748.034513
x0= : -4.3113744455063E-13
y0= : -4.6459800762294E-12
*****
i=34531
k(34531)=0.99999908007886
kQ(34531)=0.99999816015856
r1= : 4.6658465665743E-12
rpunto1 : = -406640.13239488
rduepunti0 : = -1.0097586682526E+25
fil : = 488.42525907858
fipunto1 : = 5.729766821678E+17
fi_gradi : = 27984.705952787
t1 : = 1.0809492752999E-14
tpunto1 : = 1.0003561552392
tduepunti0 : = 1.0512745483355E+14
v=v_elettrone : = 2703952.1703166
x0= : -4.3082087813391E-13
y0= : -4.6459618262029E-12
*****
i=34532
k(34532)=0.9999990747129
kQ(34532)=0.99999814942665
r1= : 4.6657988763509E-12
rpunto1 : = -407824.38646609
rduepunti0 : = -1.0097776821789E+25
fil : = 488.42532627654
fipunto1 : = 5.7298839510588E+17
fi_gradi : = 27984.709802946
t1 : = 1.0809492870319E-14
tpunto1 : = 1.0003561676047
tduepunti0 : = 1.0543665601541E+14
v=v_elettrone : = 2704156.8941269
x0= : -4.3050429695794E-13
y0= : -4.6459434169083E-12
```

```
*****
i=34533
k(34533)=0.99999906933123
kQ(34533)=0.99999813866333
r1= : 4.6657510472397E-12
rpunto1 : = -409008.66290235
rduepunti0 : = -1.0097967521762E+25
fil : = 488.42539347587
fipunto1 : = 5.7300014251564E+17
fi_gradi : = 27984.713653184
t1 : = 1.080949298764E-14
tpunto1 : = 1.0003561800064
tduepunti0 : = 1.0574588187564E+14
v=v_elettrone : = 2704362.2036019
x0= : -4.3018770103291E-13
y0= : -4.6459248483415E-12
*****
i=34534
k(34534)=0.99999906393386
kQ(34534)=0.99999812786859
r1= : 4.6657030792382E-12
rpunto1 : = -410192.96176942
rduepunti0 : = -1.0098158782503E+25
fil : = 488.42546067658
fipunto1 : = 5.7301192440089E+17
fi_gradi : = 27984.717503501
t1 : = 1.080949310496E-14
tpunto1 : = 1.0003561924444
tduepunti0 : = 1.0605513248783E+14
v=v_elettrone : = 2704568.0986412
x0= : -4.2987109036923E-13
y0= : -4.6459061204983E-12
*****
i=34535
k(34535)=0.99999905852078
kQ(34535)=0.99999811704244
r1= : 4.6656549723436E-12
rpunto1 : = -411377.28313307
rduepunti0 : = -1.0098350604068E+25
fil : = 488.42552787867
fipunto1 : = 5.7302374076544E+17
fi_gradi : = 27984.721353897
t1 : = 1.0809493222281E-14
tpunto1 : = 1.0003562049187
tduepunti0 : = 1.0636440792557E+14
v=v_elettrone : = 2704774.5813754
x0= : -4.2955446497735E-13
y0= : -4.6458872333744E-12
*****
i=34536
k(34536)=0.99999905309198
kQ(34536)=0.99999810618486
r1= : 4.6656067265534E-12
rpunto1 : = -412561.62705908
rduepunti0 : = -1.0098542986517E+25
fil : = 488.42559508214
fipunto1 : = 5.7303559161312E+17
fi_gradi : = 27984.725204372
t1 : = 1.0809493339601E-14
tpunto1 : = 1.0003562174293
tduepunti0 : = 1.0667370826247E+14
v=v_elettrone : = 2704981.6472308
x0= : -4.2923782486743E-13
y0= : -4.6458681869655E-12
```

```
*****
i=34537
k(34537)=0.99999904764748
kQ(34537)=0.99999809529587
r1= : 4.6655583418649E-12
rpunto1 : = -413745.99361324
rduepunti0 : = -1.0098735929906E+25
fil : = 488.42566228701
fipunto1 : = 5.7304747694776E+17
fi_gradi : = 27984.729054928
t1 : = 1.0809493456922E-14
tpunto1 : = 1.0003562299761
tduepunti0 : = 1.0698303357217E+14
v=v_elettrone : = 2705189.3005742
x0= : -4.2892117005019E-13
y0= : -4.6458489812674E-12
*****
i=34538
k(34538)=0.99999904218727
kQ(34538)=0.99999808437545
r1= : 4.6655098182753E-12
rpunto1 : = -414930.38286134
rduepunti0 : = -1.0098929434294E+25
fil : = 488.42572949327
fipunto1 : = 5.7305939677321E+17
fi_gradi : = 27984.732905563
t1 : = 1.0809493574242E-14
tpunto1 : = 1.0003562425592
tduepunti0 : = 1.072923839283E+14
v=v_elettrone : = 2705397.5368337
x0= : -4.286045005358E-13
y0= : -4.6458296162758E-12
*****
i=34539
k(34539)=0.99999903671134
kQ(34539)=0.9999980734236
r1= : 4.6654611557822E-12
rpunto1 : = -416114.79486919
rduepunti0 : = -1.009912349974E+25
fil : = 488.42579670092
fipunto1 : = 5.7307135109334E+17
fi_gradi : = 27984.736756278
t1 : = 1.0809493691563E-14
tpunto1 : = 1.0003562551786
tduepunti0 : = 1.0760175940451E+14
v=v_elettrone : = 2705606.3603696
x0= : -4.2828781633497E-13
y0= : -4.6458100919864E-12
*****
i=34540
k(34540)=0.99999903121969
kQ(34540)=0.99999806244033
r1= : 4.6654123543828E-12
rpunto1 : = -417299.22970258
rduepunti0 : = -1.0099318126303E+25
fil : = 488.42586390998
fipunto1 : = 5.7308333991201E+17
fi_gradi : = 27984.740607073
t1 : = 1.0809493808883E-14
tpunto1 : = 1.0003562678343
tduepunti0 : = 1.0791116007449E+14
v=v_elettrone : = 2705815.7688469
x0= : -4.2797111745787E-13
y0= : -4.645790408395E-12
```

```
*****
i=34541
k(34541)=0.99999902571233
kQ(34541)=0.99999805142562
r1= : 4.6653634140744E-12
rpunto1 : = -418483.68742734
rduepunti0 : = -1.009951331404E+25
fil : = 488.42593112045
fipunto1 : = 5.730953632331E+17
fi_gradi : = 27984.744457949
t1 : = 1.0809493926204E-14
tpunto1 : = 1.0003562805262
tduepunti0 : = 1.0822058601191E+14
v=v_elettrone : = 2706025.7621597
x0= : -4.2765440391495E-13
y0= : -4.6457705654972E-12
*****
i=34542
k(34542)=0.99999902018926
kQ(34542)=0.99999804037948
r1= : 4.6653143348544E-12
rpunto1 : = -419668.16810928
rduepunti0 : = -1.0099709063011E+25
fil : = 488.42599833232
fipunto1 : = 5.7310742106052E+17
fi_gradi : = 27984.748308906
t1 : = 1.0809494043524E-14
tpunto1 : = 1.0003562932545
tduepunti0 : = 1.085300372905E+14
v=v_elettrone : = 2706236.3424369
x0= : -4.2733767571667E-13
y0= : -4.6457505632887E-12
*****
i=34543
k(34543)=0.99999901465046
kQ(34543)=0.9999980293019
r1= : 4.66526511672E-12
rpunto1 : = -420852.67181423
rduepunti0 : = -1.0099905373275E+25
fil : = 488.42606554561
fipunto1 : = 5.7311951339816E+17
fi_gradi : = 27984.752159944
t1 : = 1.0809494160844E-14
tpunto1 : = 1.0003563060191
tduepunti0 : = 1.0883951398395E+14
v=v_elettrone : = 2706447.5051051
x0= : -4.270209328732E-13
y0= : -4.6457304017652E-12
*****
i=34544
k(34544)=0.99999900909595
kQ(34544)=0.99999801819288
r1= : 4.6652157596686E-12
rpunto1 : = -422037.19860803
rduepunti0 : = -1.0100102244891E+25
fil : = 488.42613276032
fipunto1 : = 5.7313164024994E+17
fi_gradi : = 27984.756011063
t1 : = 1.0809494278165E-14
tpunto1 : = 1.0003563188199
tduepunti0 : = 1.0914901616602E+14
v=v_elettrone : = 2706659.2545271
x0= : -4.2670417539527E-13
y0= : -4.6457100809225E-12
```



```
*****
i=34545
k(34545)=0.99999900352571
kQ(34545)=0.99999800705242
r1= : 4.6651662636974E-12
rpunto1 : = -423221.74855651
rduepunti0 : = -1.0100299677919E+25
fil : = 488.42619997645
fipunto1 : = 5.731438016198E+17
fi_gradi : = 27984.759862263
t1 : = 1.0809494395485E-14
tpunto1 : = 1.0003563316571
tduepunti0 : = 1.0945854391045E+14
v=v_elettrone : = 2706871.5883621
x0= : -4.2638740329307E-13
y0= : -4.645689600756E-12
*****
i=34546
k(34546)=0.99999899793976
kQ(34546)=0.99999799588052
r1= : 4.6651166288037E-12
rpunto1 : = -424406.32172554
rduepunti0 : = -1.0100497672419E+25
fil : = 488.42626719401
fipunto1 : = 5.7315599751166E+17
fi_gradi : = 27984.763713546
t1 : = 1.0809494512806E-14
tpunto1 : = 1.0003563445305
tduepunti0 : = 1.0976809729102E+14
v=v_elettrone : = 2707084.5065054
x0= : -4.2607061657705E-13
y0= : -4.6456689612616E-12
*****
i=34547
k(34547)=0.99999899233808
kQ(34547)=0.99999798467717
r1= : 4.6650668549848E-12
rpunto1 : = -425590.91818095
rduepunti0 : = -1.0100696228449E+25
fil : = 488.42633441299
fipunto1 : = 5.7316822792949E+17
fi_gradi : = 27984.76756491
t1 : = 1.0809494630126E-14
tpunto1 : = 1.0003563574403
tduepunti0 : = 1.100776763815E+14
v=v_elettrone : = 2707298.0110825
x0= : -4.2575381525768E-13
y0= : -4.6456481624349E-12
*****
i=34548
k(34548)=0.99999898672067
kQ(34548)=0.99999797344237
r1= : 4.6650169422381E-12
rpunto1 : = -426775.53798862
rduepunti0 : = -1.0100895346071E+25
fil : = 488.42640163341
fipunto1 : = 5.7318049287724E+17
fi_gradi : = 27984.771416356
t1 : = 1.0809494747447E-14
tpunto1 : = 1.0003563703864
tduepunti0 : = 1.103872812557E+14
v=v_elettrone : = 2707512.0975213
x0= : -4.2543699934514E-13
y0= : -4.6456272042714E-12
```

```
*****
i=34549
k(34549)=0.99999898108754
kQ(34549)=0.99999796217612
r1= : 4.6649668905606E-12
rpunto1 : = -427960.18121441
rduepunti0 : = -1.0101095025344E+25
fil : = 488.42646885527
fipunto1 : = 5.731927923589E+17
fi_gradi : = 27984.775267885
t1 : = 1.0809494864767E-14
tpunto1 : = 1.0003563833688
tduepunti0 : = 1.1069691198744E+14
v=v_elettrone : = 2707726.7701816
x0= : -4.2512016885017E-13
y0= : -4.6456060867668E-12
*****
i=34550
k(34550)=0.99999897543868
kQ(34550)=0.99999795087842
r1= : 4.6649166999498E-12
rpunto1 : = -429144.8479242
rduepunti0 : = -1.0101295266329E+25
fil : = 488.42653607857
fipunto1 : = 5.7320512637843E+17
fi_gradi : = 27984.779119497
t1 : = 1.0809494982088E-14
tpunto1 : = 1.0003563963875
tduepunti0 : = 1.1100656865055E+14
v=v_elettrone : = 2707942.0267231
x0= : -4.2480332378297E-13
y0= : -4.6455848099168E-12
*****
i=34551
k(34551)=0.9999989697741
kQ(34551)=0.99999793954926
r1= : 4.6648663704028E-12
rpunto1 : = -430329.53818388
rduepunti0 : = -1.0101496069085E+25
fil : = 488.42660330332
fipunto1 : = 5.7321749493985E+17
fi_gradi : = 27984.782971191
t1 : = 1.0809495099408E-14
tpunto1 : = 1.0003564094425
tduepunti0 : = 1.1131625131887E+14
v=v_elettrone : = 2708157.8692694
x0= : -4.24486464154E-13
y0= : -4.6455633737169E-12
*****
i=34552
k(34552)=0.99999896409378
kQ(34552)=0.99999792818864
r1= : 4.6648159019168E-12
rpunto1 : = -431514.25205933
rduepunti0 : = -1.0101697433675E+25
fil : = 488.42667052952
fipunto1 : = 5.7322989804716E+17
fi_gradi : = 27984.786822968
t1 : = 1.0809495216729E-14
tpunto1 : = 1.0003564225338
tduepunti0 : = 1.1162596006627E+14
v=v_elettrone : = 2708374.2932512
x0= : -4.2416958997347E-13
y0= : -4.6455417781628E-12
```

```
*****
i=34553
k(34553)=0.99999895839774
kQ(34553)=0.99999791679656
r1= : 4.6647652944892E-12
rpunto1 : = -432698.98961646
rduepunti0 : = -1.0101899360158E+25
fil : = 488.42673775718
fipunto1 : = 5.7324233570438E+17
fi_gradi : = 27984.790674829
t1 : = 1.0809495334049E-14
tpunto1 : = 1.0003564356615
tduepunti0 : = 1.1193569496664E+14
v=v_elettrone : = 2708591.3030209
x0= : -4.2385270125212E-13
y0= : -4.6455200232501E-12
*****
i=34554
k(34554)=0.99999895268596
kQ(34554)=0.99999790537302
r1= : 4.6647145481171E-12
rpunto1 : = -433883.75092117
rduepunti0 : = -1.0102101848595E+25
fil : = 488.42680498629
fipunto1 : = 5.7325480791553E+17
fi_gradi : = 27984.794526774
t1 : = 1.080949545137E-14
tpunto1 : = 1.0003564488255
tduepunti0 : = 1.1224545609388E+14
v=v_elettrone : = 2708808.8984746
x0= : -4.2353579800015E-13
y0= : -4.6454981089742E-12
*****
i=34555
k(34555)=0.99999894695845
kQ(34555)=0.99999789391801
r1= : 4.6646636627977E-12
rpunto1 : = -435068.53603937
rduepunti0 : = -1.0102304899049E+25
fil : = 488.42687221686
fipunto1 : = 5.7326731468467E+17
fi_gradi : = 27984.798378802
t1 : = 1.080949556869E-14
tpunto1 : = 1.0003564620258
tduepunti0 : = 1.1255524352189E+14
v=v_elettrone : = 2709027.0750367
x0= : -4.2321888022777E-13
y0= : -4.6454760353309E-12
*****
i=34556
k(34556)=0.99999894121521
kQ(34556)=0.99999788243153
r1= : 4.6646126385283E-12
rpunto1 : = -436253.34503698
rduepunti0 : = -1.0102508511579E+25
fil : = 488.4269394489
fipunto1 : = 5.7327985601585E+17
fi_gradi : = 27984.802230914
t1 : = 1.0809495686011E-14
tpunto1 : = 1.0003564752625
tduepunti0 : = 1.1286505732461E+14
v=v_elettrone : = 2709245.8370635
x0= : -4.2290194794573E-13
y0= : -4.6454538023157E-12
```

```
*****
i=34557
k(34557)=0.99999893545623
kQ(34557)=0.99999787091358
r1= : 4.664561475306E-12
rpunto1: = -437438.17797992
rduepunti0 : = -1.0102712686248E+25
fil : = 488.42700668242
fipunto1 : = 5.7329243191313E+17
fi_gradi : = 27984.806083111
t1 : = 1.0809495803331E-14
tpunto1 : = 1.0003564885355
tduepunti0 : = 1.1317489757599E+14
v=v_elettrone : = 2709465.182215
x0= : -4.2258500116424E-13
y0= : -4.645431409924E-12
*****
i=34558
k(34558)=0.99999892968151
kQ(34558)=0.99999785936416
r1= : 4.6645101731281E-12
rpunto1: = -438623.03493415
rduepunti0 : = -1.0102917423118E+25
fil : = 488.4270739174
fipunto1 : = 5.7330504238059E+17
fi_gradi : = 27984.809935392
t1 : = 1.0809495920652E-14
tpunto1 : = 1.0003565018448
tduepunti0 : = 1.1348476434999E+14
v=v_elettrone : = 2709685.1103811
x0= : -4.2226803989378E-13
y0= : -4.6454088581516E-12
*****
i=34559
k(34559)=0.99999892389105
kQ(34559)=0.99999784778326
r1= : 4.6644587319917E-12
rpunto1: = -439807.91596558
rduepunti0 : = -1.0103122722249E+25
fil : = 488.42714115387
fipunto1 : = 5.7331768742231E+17
fi_gradi : = 27984.813787757
t1 : = 1.0809496037972E-14
tpunto1 : = 1.0003565151905
tduepunti0 : = 1.1379465772059E+14
v=v_elettrone : = 2709905.6236832
x0= : -4.2195106414483E-13
y0= : -4.6453861469939E-12
*****
i=34560
k(34560)=0.99999891808486
kQ(34560)=0.99999783617088
r1= : 4.664407151894E-12
rpunto1: = -440992.82114018
rduepunti0 : = -1.0103328583705E+25
fil : = 488.42720839182
fipunto1 : = 5.7333036704241E+17
fi_gradi : = 27984.817640208
t1 : = 1.0809496155293E-14
tpunto1 : = 1.0003565285726
tduepunti0 : = 1.141045777618E+14
v=v_elettrone : = 2710126.7197827
x0= : -4.2163407392763E-13
y0= : -4.6453632764464E-12
```

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*****
i=34561
k(34561)=0.99999891226292
kQ(34561)=0.99999782452702
r1= : 4.6643554328322E-12
rpunto1 : = -442177.7505239
rduepunti0 : = -1.0103535007547E+25
fil : = 488.42727563126
fipunto1 : = 5.7334308124498E+17
fi_gradi : = 27984.821492744
t1 : = 1.0809496272613E-14
tpunto1 : = 1.000356541991
tduepunti0 : = 1.1441452454762E+14
v=v_elettrone : = 2710348.4007973
x0= : -4.2131706925265E-13
y0= : -4.6453402465047E-12
*****
i=34562
k(34562)=0.99999890642524
kQ(34562)=0.99999781285168
r1= : 4.6643035748034E-12
rpunto1 : = -443362.70418269
rduepunti0 : = -1.0103741993839E+25
fil : = 488.42734287218
fipunto1 : = 5.7335583003415E+17
fi_gradi : = 27984.825345365
t1 : = 1.0809496389934E-14
tpunto1 : = 1.0003565554457
tduepunti0 : = 1.1472449815209E+14
v=v_elettrone : = 2710570.6643889
x0= : -4.2100005013012E-13
y0= : -4.6453170571643E-12
*****
i=34563
k(34563)=0.99999890057182
kQ(34563)=0.99999780114485
r1= : 4.6642515778047E-12
rpunto1 : = -444547.68218254
rduepunti0 : = -1.0103949542641E+25
fil : = 488.42741011461
fipunto1 : = 5.7336861341406E+17
fi_gradi : = 27984.829198072
t1 : = 1.0809496507254E-14
tpunto1 : = 1.0003565689368
tduepunti0 : = 1.1503449864925E+14
v=v_elettrone : = 2710793.510446
x0= : -4.2068301657054E-13
y0= : -4.6452937084207E-12
*****
i=34564
k(34564)=0.99999889470265
kQ(34564)=0.99999778940653
r1= : 4.6641994418335E-12
rpunto1 : = -445732.68458942
rduepunti0 : = -1.0104157654018E+25
fil : = 488.42747735853
fipunto1 : = 5.7338143138885E+17
fi_gradi : = 27984.833050865
t1 : = 1.0809496624575E-14
tpunto1 : = 1.0003565824642
tduepunti0 : = 1.1534452611317E+14
v=v_elettrone : = 2711016.9388573
x0= : -4.2036596858439E-13
y0= : -4.6452702002693E-12
```

```
*****
i=34565
k(34565)=0.99999888881774
kQ(34565)=0.99999777763672
r1= : 4.6641471668866E-12
rpunto1 : = -446917.71146932
rduepunti0 : = -1.0104366328032E+25
fil : = 488.42754460395
fipunto1 : = 5.7339428396268E+17
fi_gradi : = 27984.836903744
t1 : = 1.0809496741895E-14
tpunto1 : = 1.0003565960281
tduepunti0 : = 1.1565458061794E+14
v=v_elettrone : = 2711240.9517419
x0= : -4.2004890618218E-13
y0= : -4.6452465327057E-12
*****
i=34566
k(34566)=0.99999888291708
kQ(34566)=0.99999776583541
r1= : 4.6640947529614E-12
rpunto1 : = -448102.76288823
rduepunti0 : = -1.0104575564746E+25
fil : = 488.42761185088
fipunto1 : = 5.7340717113971E+17
fi_gradi : = 27984.84075671
t1 : = 1.0809496859216E-14
tpunto1 : = 1.0003566096283
tduepunti0 : = 1.1596466223765E+14
v=v_elettrone : = 2711465.5467608
x0= : -4.1973182937414E-13
y0= : -4.6452227057254E-12
*****
i=34567
k(34567)=0.99999887700067
kQ(34567)=0.99999775400261
r1= : 4.6640422000549E-12
rpunto1 : = -449287.83891214
rduepunti0 : = -1.0104785364223E+25
fil : = 488.42767909933
fipunto1 : = 5.7342009292413E+17
fi_gradi : = 27984.844609762
t1 : = 1.0809496976536E-14
tpunto1 : = 1.0003566232648
tduepunti0 : = 1.1627477104641E+14
v=v_elettrone : = 2711690.7260301
x0= : -4.1941473817077E-13
y0= : -4.6451987193238E-12
*****
i=34568
k(34568)=0.99999887106851
kQ(34568)=0.9999977421383
r1= : 4.6639895081642E-12
rpunto1 : = -450472.93960707
rduepunti0 : = -1.0104995726527E+25
fil : = 488.42774634929
fipunto1 : = 5.7343304932013E+17
fi_gradi : = 27984.848462901
t1 : = 1.0809497093857E-14
tpunto1 : = 1.0003566369377
tduepunti0 : = 1.1658490711836E+14
v=v_elettrone : = 2711916.4872084
x0= : -4.190976325823E-13
y0= : -4.6451745734963E-12
```

```
*****
i=34569
k(34569)=0.9999988651206
kQ(34569)=0.9999977302425
r1= : 4.6639366772865E-12
rpunto1 : = -451658.06503903
rduepunti0 : = -1.0105206651722E+25
fil : = 488.42781360077
fipunto1 : = 5.7344604033191E+17
fi_gradi : = 27984.852316126
t1 : = 1.0809497211177E-14
tpunto1 : = 1.000356650647
tduepunti0 : = 1.1689507052766E+14
v=v_elettrone : = 2712142.8324143
x0= : -4.1878051261925E-13
y0= : -4.6451502682385E-12
*****
i=34570
k(34570)=0.99999885915694
kQ(34570)=0.99999771831519
r1= : 4.6638837074188E-12
rpunto1 : = -452843.21527404
rduepunti0 : = -1.0105418139871E+25
fil : = 488.42788085377
fipunto1 : = 5.7345906596368E+17
fi_gradi : = 27984.85616944
t1 : = 1.0809497328498E-14
tpunto1 : = 1.0003566643927
tduepunti0 : = 1.1720526134846E+14
v=v_elettrone : = 2712369.7593065
x0= : -4.1846337829186E-13
y0= : -4.6451258035458E-12
*****
i=34571
k(34571)=0.99999885317753
kQ(34571)=0.99999770635637
r1= : 4.6638305985582E-12
rpunto1 : = -454028.39037814
rduepunti0 : = -1.0105630191038E+25
fil : = 488.4279481083
fipunto1 : = 5.7347212621968E+17
fi_gradi : = 27984.86002284
t1 : = 1.0809497445819E-14
tpunto1 : = 1.0003566781748
tduepunti0 : = 1.1751547965496E+14
v=v_elettrone : = 2712597.2677692
x0= : -4.1814622961064E-13
y0= : -4.6451011794135E-12
*****
i=34572
k(34572)=0.99999884718236
kQ(34572)=0.99999769436604
r1= : 4.6637773507018E-12
rpunto1 : = -455213.59041736
rduepunti0 : = -1.0105842805288E+25
fil : = 488.42801536436
fipunto1 : = 5.7348522110414E+17
fi_gradi : = 27984.863876329
t1 : = 1.0809497563139E-14
tpunto1 : = 1.0003566919932
tduepunti0 : = 1.1782572552135E+14
v=v_elettrone : = 2712825.3599252
x0= : -4.1782906658609E-13
y0= : -4.6450763958372E-12
```

```
*****
i=34573
k(34573)=0.99999884117143
kQ(34573)=0.9999976823442
r1= : 4.6637239638468E-12
rpunto1 : = -456398.81545775
rduepunti0 : = -1.0106055982684E+25
fil : = 488.42808262196
fipunto1 : = 5.734983506213E+17
fi_gradi : = 27984.867729905
t1 : = 1.080949768046E-14
tpunto1 : = 1.0003567058481
tduepunti0 : = 1.1813599902186E+14
v=v_elettrone : = 2713054.0334252
x0= : -4.1751188922847E-13
y0= : -4.6450514528122E-12
*****
i=34574
k(34574)=0.99999883514474
kQ(34574)=0.99999767029084
r1= : 4.6636704379901E-12
rpunto1 : = -457584.06556535
rduepunti0 : = -1.0106269723291E+25
fil : = 488.42814988109
fipunto1 : = 5.7351151477543E+17
fi_gradi : = 27984.87158357
t1 : = 1.080949779778E-14
tpunto1 : = 1.0003567197393
tduepunti0 : = 1.1844630023071E+14
v=v_elettrone : = 2713283.2903913
x0= : -4.171946975483E-13
y0= : -4.6450263503339E-12
*****
i=34575
k(34575)=0.9999988291023
kQ(34575)=0.99999765820597
r1= : 4.6636167731288E-12
rpunto1 : = -458769.34080624
rduepunti0 : = -1.0106484027174E+25
fil : = 488.42821714178
fipunto1 : = 5.735247135708E+17
fi_gradi : = 27984.875437323
t1 : = 1.0809497915101E-14
tpunto1 : = 1.0003567336669
tduepunti0 : = 1.1875662922217E+14
v=v_elettrone : = 2713513.1284762
x0= : -4.1687749155583E-13
y0= : -4.6450010883978E-12
*****
i=34576
k(34576)=0.9999988230441
kQ(34576)=0.99999764608958
r1= : 4.6635629692599E-12
rpunto1 : = -459954.64124647
rduepunti0 : = -1.0106698894397E+25
fil : = 488.428284404
fipunto1 : = 5.7353794701169E+17
fi_gradi : = 27984.879291165
t1 : = 1.0809498032421E-14
tpunto1 : = 1.0003567476309
tduepunti0 : = 1.190669860705E+14
v=v_elettrone : = 2713743.547569
x0= : -4.1656027126158E-13
y0= : -4.6449756669992E-12
```



```
*****
i=34577
k(34577)=0.99999881697013
kQ(34577)=0.99999763394166
r1= : 4.6635090263806E-12
rpunto1: = -461139.96695212
rduepunti0 : = -1.0106914325026E+25
fil : = 488.42835166779
fipunto1 : = 5.7355121510241E+17
fi_gradi : = 27984.883145096
t1 : = 1.0809498149742E-14
tpunto1 : = 1.0003567616313
tduepunti0 : = 1.1937737085E+14
v=v_elettrone : = 2713974.5497828
x0= : -4.1624303667607E-13
y0= : -4.6449500861335E-12
*****
i=34578
k(34578)=0.9999988108804
kQ(34578)=0.99999762176221
r1= : 4.6634549444878E-12
rpunto1: = -462325.31798929
rduepunti0 : = -1.0107130319126E+25
fil : = 488.42841893312
fipunto1 : = 5.7356451784724E+17
fi_gradi : = 27984.886999116
t1 : = 1.0809498267062E-14
tpunto1 : = 1.0003567756682
tduepunti0 : = 1.1968778363497E+14
v=v_elettrone : = 2714206.1350041
x0= : -4.1592578780957E-13
y0= : -4.644924345796E-12
*****
i=34579
k(34579)=0.99999880477491
kQ(34579)=0.99999760955124
r1= : 4.6634007235787E-12
rpunto1: = -463510.69442404
rduepunti0 : = -1.0107346876762E+25
fil : = 488.42848620002
fipunto1 : = 5.7357785525052E+17
fi_gradi : = 27984.890853225
t1 : = 1.0809498384383E-14
tpunto1 : = 1.0003567897414
tduepunti0 : = 1.1999822449974E+14
v=v_elettrone : = 2714438.3008905
x0= : -4.1560852467233E-13
y0= : -4.6448984459822E-12
*****
i=34580
k(34580)=0.99999879865365
kQ(34580)=0.99999759730873
r1= : 4.6633463636501E-12
rpunto1: = -464696.09632249
rduepunti0 : = -1.0107563997999E+25
fil : = 488.42855346848
fipunto1 : = 5.7359122731657E+17
fi_gradi : = 27984.894707424
t1 : = 1.0809498501703E-14
tpunto1 : = 1.0003568038511
tduepunti0 : = 1.2030869351864E+14
v=v_elettrone : = 2714671.049554
x0= : -4.1529124727489E-13
y0= : -4.6448723866874E-12
```

```
*****
i=34581
k(34581)=0.99999879251662
kQ(34581)=0.9999975850347
r1= : 4.6632918646991E-12
rpunto1 : = -465881.52375075
rduepunti0 : = -1.0107781682904E+25
fil : = 488.42862073851
fipunto1 : = 5.7360463404974E+17
fi_gradi : = 27984.898561713
t1 : = 1.0809498619024E-14
tpunto1 : = 1.0003568179971
tduepunti0 : = 1.2061919076603E+14
v=v_elettrone : = 2714904.3786535
x0= : -4.1497395562753E-13
y0= : -4.6448461679069E-12
*****
i=34582
k(34582)=0.99999878636382
kQ(34582)=0.99999757272912
r1= : 4.6632372267227E-12
rpunto1 : = -467066.97677492
rduepunti0 : = -1.0107999931542E+25
fil : = 488.42868801011
fipunto1 : = 5.7361807545437E+17
fi_gradi : = 27984.902416092
t1 : = 1.0809498736344E-14
tpunto1 : = 1.0003568321796
tduepunti0 : = 1.2092971631631E+14
v=v_elettrone : = 2715138.2880727
x0= : -4.1465664974076E-13
y0= : -4.644819789636E-12
*****
i=34583
k(34583)=0.99999878019526
kQ(34583)=0.999997560392
r1= : 4.663182449718E-12
rpunto1 : = -468252.45546112
rduepunti0 : = -1.0108218743979E+25
fil : = 488.42875528329
fipunto1 : = 5.7363155153483E+17
fi_gradi : = 27984.906270561
t1 : = 1.0809498853665E-14
tpunto1 : = 1.0003568463985
tduepunti0 : = 1.2124027024384E+14
v=v_elettrone : = 2715372.7821509
x0= : -4.1433932962513E-13
y0= : -4.6447932518702E-12
*****
i=34584
k(34584)=0.99999877401092
kQ(34584)=0.99999754802335
r1= : 4.6631275336819E-12
rpunto1 : = -469437.95987549
rduepunti0 : = -1.0108438120281E+25
fil : = 488.42882255805
fipunto1 : = 5.7364506229549E+17
fi_gradi : = 27984.91012512
t1 : = 1.0809498970985E-14
tpunto1 : = 1.0003568606538
tduepunti0 : = 1.2155085262306E+14
v=v_elettrone : = 2715607.8540901
x0= : -4.1402199529065E-13
y0= : -4.6447665546046E-12
```

```
*****
i=34585
k(34585)=0.99999876781081
kQ(34585)=0.99999753562314
r1= : 4.6630724786113E-12
rpunto1 : = -470623.49008417
rduepunti0 : = -1.0108658060516E+25
fil : = 488.42888983439
fipunto1 : = 5.7365860774075E+17
fi_gradi : = 27984.913979771
t1 : = 1.0809499088306E-14
tpunto1 : = 1.0003568749456
tduerpunti0 : = 1.2186146352839E+14
v=v_elettrone : = 2715843.5082309
x0= : -4.1370464674812E-13
y0= : -4.6447396978346E-12
*****
i=34586
k(34586)=0.99999876159493
kQ(34586)=0.99999752319139
r1= : 4.6630172845034E-12
rpunto1 : = -471809.04615329
rduepunti0 : = -1.0108878564748E+25
fil : = 488.42895711233
fipunto1 : = 5.73672187875E+17
fi_gradi : = 27984.917834513
t1 : = 1.0809499205627E-14
tpunto1 : = 1.0003568892738
tduerpunti0 : = 1.2217210303429E+14
v=v_elettrone : = 2716079.7444543
x0= : -4.1338728400783E-13
y0= : -4.6447126815556E-12
*****
i=34587
k(34587)=0.99999875536327
kQ(34587)=0.99999751072809
r1= : 4.6629619513549E-12
rpunto1 : = -472994.62814901
rduepunti0 : = -1.0109099633046E+25
fil : = 488.42902439185
fipunto1 : = 5.7368580270265E+17
fi_gradi : = 27984.921689345
t1 : = 1.0809499322947E-14
tpunto1 : = 1.0003569036384
tduerpunti0 : = 1.224827712152E+14
v=v_elettrone : = 2716316.5626451
x0= : -4.1306990708006E-13
y0= : -4.6446855057627E-12
*****
i=34588
k(34588)=0.99999874911584
kQ(34588)=0.99999749823324
r1= : 4.662906479163E-12
rpunto1 : = -474180.2361375
rduepunti0 : = -1.0109321265476E+25
fil : = 488.42909167297
fipunto1 : = 5.7369945222812E+17
fi_gradi : = 27984.92554427
t1 : = 1.0809499440268E-14
tpunto1 : = 1.0003569180394
tduerpunti0 : = 1.2279346814563E+14
v=v_elettrone : = 2716553.9604589
x0= : -4.1275251597509E-13
y0= : -4.6446581704513E-12
```

```
*****
i=34589
k(34589)=0.99999874285262
kQ(34589)=0.99999748570683
r1= : 4.6628508679245E-12
rpunto1 : = -475365.87018491
rduepunti0 : = -1.0109543462104E+25
fil : = 488.42915895569
fipunto1 : = 5.7371313645584E+17
fi_gradi : = 27984.929399286
t1 : = 1.0809499557588E-14
tpunto1 : = 1.0003569324769
tduepunti0 : = 1.2310419390008E+14
v=v_elettrone : = 2716791.9377811
x0= : -4.1243511070347E-13
y0= : -4.6446306756167E-12
*****
i=34590
k(34590)=0.99999873657363
kQ(34590)=0.99999747314886
r1= : 4.6627951176364E-12
rpunto1 : = -476551.53035743
rduepunti0 : = -1.0109766222999E+25
fil : = 488.42922624002
fipunto1 : = 5.7372685539027E+17
fi_gradi : = 27984.933254394
t1 : = 1.0809499674909E-14
tpunto1 : = 1.0003569469509
tduepunti0 : = 1.2341494855305E+14
v=v_elettrone : = 2717030.4967195
x0= : -4.1211769127576E-13
y0= : -4.644603021254E-12
*****
i=34591
k(34591)=0.99999873027886
kQ(34591)=0.99999746055933
r1= : 4.6627392282956E-12
rpunto1 : = -477737.21672125
rduepunti0 : = -1.0109989548228E+25
fil : = 488.42929352596
fipunto1 : = 5.7374060903585E+17
fi_gradi : = 27984.937109594
t1 : = 1.0809499792229E-14
tpunto1 : = 1.0003569614613
tduepunti0 : = 1.2372573217911E+14
v=v_elettrone : = 2717269.6371558
x0= : -4.1180025770225E-13
y0= : -4.6445752073586E-12
*****
i=34592
k(34592)=0.9999987239683
kQ(34592)=0.99999744793823
r1= : 4.6626831998991E-12
rpunto1 : = -478922.92934255
rduepunti0 : = -1.0110213437859E+25
fil : = 488.42936081351
fipunto1 : = 5.7375439739706E+17
fi_gradi : = 27984.940964886
t1 : = 1.080949990955E-14
tpunto1 : = 1.0003569760081
tduepunti0 : = 1.2403654485279E+14
v=v_elettrone : = 2717509.3567461
x0= : -4.1148280999323E-13
y0= : -4.6445472339257E-12
```

```
*****
i=34593
k(34593)=0.99999871764196
kQ(34593)=0.99999743528557
r1= : 4.6626270324437E-12
rpunto1: = -480108.66828753
rduepunti0 : = -1.0110437891958E+25
fil : = 488.42942810267
fipunto1 : = 5.7376822047837E+17
fi_gradi : = 27984.944820272
t1 : = 1.080950002687E-14
tpunto1 : = 1.0003569905914
tduepunti0 : = 1.2434738664868E+14
v=v_elettrone : = 2717749.6576001
x0= : -4.1116534815926E-13
y0= : -4.6445191009505E-12
*****
i=34594
k(34594)=0.99999871129984
kQ(34594)=0.99999742260134
r1= : 4.6625707259264E-12
rpunto1: = -481294.4336224
rduepunti0 : = -1.0110662910595E+25
fil : = 488.42949539346
fipunto1 : = 5.7378207828428E+17
fi_gradi : = 27984.94867575
t1 : = 1.0809500144191E-14
tpunto1 : = 1.0003570052112
tduepunti0 : = 1.2465825764137E+14
v=v_elettrone : = 2717990.5395973
x0= : -4.1084787221064E-13
y0= : -4.6444908084283E-12
*****
i=34595
k(34595)=0.99999870494193
kQ(34595)=0.99999740988553
r1= : 4.6625142803442E-12
rpunto1: = -482480.22541338
rduepunti0 : = -1.0110888493837E+25
fil : = 488.42956268587
fipunto1 : = 5.7379597081929E+17
fi_gradi : = 27984.952531321
t1 : = 1.0809500261512E-14
tpunto1 : = 1.0003570198674
tduepunti0 : = 1.2496915790547E+14
v=v_elettrone : = 2718232.0003967
x0= : -4.1053038215768E-13
y0= : -4.6444623563543E-12
*****
i=34596
k(34596)=0.99999869856823
kQ(34596)=0.99999739713815
r1= : 4.6624576956938E-12
rpunto1: = -483666.04372669
rduepunti0 : = -1.0111114641752E+25
fil : = 488.42962997991
fipunto1 : = 5.738098980879E+17
fi_gradi : = 27984.956386985
t1 : = 1.0809500378832E-14
tpunto1 : = 1.0003570345601
tduepunti0 : = 1.2528008751562E+14
v=v_elettrone : = 2718474.0421021
x0= : -4.1021287801094E-13
y0= : -4.6444337447236E-12
```

```
*****
i=34597
k(34597)=0.99999869217874
kQ(34597)=0.99999738435919
r1= : 4.6624009719721E-12
rpunto1:= -484851.88862856
rduepunti0 : = -1.011134135441E+25
fil : = 488.42969727559
fipunto1 : = 5.7382386009466E+17
fi_gradi : = 27984.960242744
t1 : = 1.0809500496153E-14
tpunto1 : = 1.0003570492892
tduepunti0 : = 1.2559104654646E+14
v=v_elettrone : = 2718716.6645958
x0= : -4.0989535978072E-13
y0= : -4.6444049735315E-12
*****
i=34598
k(34598)=0.99999868577346
kQ(34598)=0.99999737154865
r1= : 4.6623441091762E-12
rpunto1:= -486037.76018525
rduepunti0 : = -1.0111568631878E+25
fil : = 488.4297645729
fipunto1 : = 5.7383785684409E+17
fi_gradi : = 27984.964098596
t1 : = 1.0809500613473E-14
tpunto1 : = 1.0003570640549
tduepunti0 : = 1.2590203507265E+14
v=v_elettrone : = 2718959.8655346
x0= : -4.0957782747734E-13
y0= : -4.6443760427732E-12
*****
i=34599
k(34599)=0.99999867935239
kQ(34599)=0.99999735870653
r1= : 4.6622871073028E-12
rpunto1:= -487223.65846298
rduepunti0 : = -1.0111796474226E+25
fil : = 488.42983187185
fipunto1 : = 5.7385188834074E+17
fi_gradi : = 27984.967954542
t1 : = 1.0809500730794E-14
tpunto1 : = 1.000357078857
tduepunti0 : = 1.262130531689E+14
v=v_elettrone : = 2719203.6470211
x0= : -4.0926028111138E-13
y0= : -4.6443469524439E-12
*****
i=34600
k(34600)=0.99999867291553
kQ(34600)=0.99999734583282
r1= : 4.6622299663487E-12
rpunto1:= -488409.58352802
rduepunti0 : = -1.0112024881523E+25
fil : = 488.42989917245
fipunto1 : = 5.7386595458918E+17
fi_gradi : = 27984.971810582
t1 : = 1.0809500848114E-14
tpunto1 : = 1.0003570936955
tduepunti0 : = 1.2652410090989E+14
v=v_elettrone : = 2719448.008938
x0= : -4.0894272069313E-13
y0= : -4.6443177025386E-12
```

```
*****
i=34601
k(34601)=0.99999866646287
kQ(34601)=0.99999733292752
r1= : 4.662172686311E-12
rpunto1:= -489595.53544664
rduepunti0 : = -1.0112253853837E+25
fil : = 488.4299664747
fipunto1 : = 5.7388005559397E+17
fi_gradi : = 27984.975666717
t1 : = 1.0809500965435E-14
tpunto1 : = 1.0003571085706
tduepunti0 : = 1.2683517837036E+14
v=v_elettrone : = 2719692.9489404
x0= : -4.0862514623293E-13
y0= : -4.6442882930527E-12
*****
i=34602
k(34602)=0.99999865999441
kQ(34602)=0.99999731999062
r1= : 4.6621152671863E-12
rpunto1:= -490781.5142851
rduepunti0 : = -1.0112483391238E+25
fil : = 488.43003377861
fipunto1 : = 5.7389419135971E+17
fi_gradi : = 27984.979522946
t1 : = 1.0809501082756E-14
tpunto1 : = 1.0003571234822
tduepunti0 : = 1.2714628562505E+14
v=v_elettrone : = 2719938.4691338
x0= : -4.0830755774135E-13
y0= : -4.6442587239812E-12
*****
i=34603
k(34603)=0.99999865351016
kQ(34603)=0.99999730702213
r1= : 4.6620577089716E-12
rpunto1:= -491967.52010969
rduepunti0 : = -1.0112713493797E+25
fil : = 488.43010108417
fipunto1 : = 5.7390836189097E+17
fi_gradi : = 27984.983379271
t1 : = 1.0809501200076E-14
tpunto1 : = 1.0003571384302
tduepunti0 : = 1.2745742274871E+14
v=v_elettrone : = 2720184.5693939
x0= : -4.0798995522872E-13
y0= : -4.6442289953193E-12
*****
i=34604
k(34604)=0.99999864701011
kQ(34604)=0.99999729402205
r1= : 4.6620000116637E-12
rpunto1:= -493153.5529867
rduepunti0 : = -1.0112944161581E+25
fil : = 488.43016839139
fipunto1 : = 5.7392256719238E+17
fi_gradi : = 27984.987235691
t1 : = 1.0809501317397E-14
tpunto1 : = 1.0003571534147
tduepunti0 : = 1.2776858981613E+14
v=v_elettrone : = 2720431.2473801
x0= : -4.0767233870535E-13
y0= : -4.6441991070621E-12
```

```
*****
i=34605
k(34605)=0.99999864049426
kQ(34605)=0.99999728099036
r1= : 4.6619421752594E-12
rpunto1 : = -494339.61298242
rduepunti0 : = -1.0113175394662E+25
fil : = 488.43023570028
fipunto1 : = 5.7393680726856E+17
fi_gradi : = 27984.991092206
t1 : = 1.0809501434717E-14
tpunto1 : = 1.0003571684358
tduepunti0 : = 1.2807978690211E+14
v=v_elettrone : = 2720678.5051948
x0= : -4.0735470818185E-13
y0= : -4.6441690592047E-12
*****
i=34606
k(34606)=0.9999986339626
kQ(34606)=0.99999726792707
r1= : 4.6618841997555E-12
rpunto1 : = -495525.70016316
rduepunti0 : = -1.0113407193109E+25
fil : = 488.43030301084
fipunto1 : = 5.7395108212412E+17
fi_gradi : = 27984.994948817
t1 : = 1.0809501552038E-14
tpunto1 : = 1.0003571834933
tduepunti0 : = 1.2839101408145E+14
v=v_elettrone : = 2720926.3427154
x0= : -4.0703706366853E-13
y0= : -4.6441388517423E-12
*****
i=34607
k(34607)=0.99999862741514
kQ(34607)=0.99999725483217
r1= : 4.6618260851489E-12
rpunto1 : = -496711.81459523
rduepunti0 : = -1.0113639556992E+25
fil : = 488.43037032307
fipunto1 : = 5.7396539176371E+17
fi_gradi : = 27984.998805524
t1 : = 1.0809501669358E-14
tpunto1 : = 1.0003571985873
tduepunti0 : = 1.2870227142901E+14
v=v_elettrone : = 2721174.7598191
x0= : -4.0671940517573E-13
y0= : -4.64410848467E-12
*****
i=34608
k(34608)=0.99999862085188
kQ(34608)=0.99999724170566
r1= : 4.6617678314363E-12
rpunto1 : = -497897.95634496
rduepunti0 : = -1.0113872486383E+25
fil : = 488.43043763698
fipunto1 : = 5.7397973619199E+17
fi_gradi : = 27985.002662327
t1 : = 1.0809501786679E-14
tpunto1 : = 1.0003572137179
tduepunti0 : = 1.2901355901963E+14
v=v_elettrone : = 2721423.7563875
x0= : -4.0640173271378E-13
y0= : -4.6440779579828E-12
```



```
*****
i=34609
k(34609)=0.99999861427281
kQ(34609)=0.99999722854754
r1= : 4.6617094386146E-12
rpunto1 : = -499084.12547867
rduepunti0 : = -1.0114105981351E+25
fil : = 488.43050495258
fipunto1 : = 5.7399411541362E+17
fi_gradi : = 27985.006519226
t1 : = 1.0809501904E-14
tpunto1 : = 1.0003572288849
tduepunti0 : = 1.293248769282E+14
v=v_elettrone : = 2721673.3300746
x0= : -4.0608404629302E-13
y0= : -4.6440472716759E-12
*****
i=34610
k(34610)=0.99999860767793
kQ(34610)=0.9999972153578
r1= : 4.6616509066805E-12
rpunto1 : = -500270.3220627
rduepunti0 : = -1.0114340041968E+25
fil : = 488.43057226985
fipunto1 : = 5.7400852943327E+17
fi_gradi : = 27985.010376222
t1 : = 1.080950202132E-14
tpunto1 : = 1.0003572440885
tduepunti0 : = 1.2963622522959E+14
v=v_elettrone : = 2721923.4829809
x0= : -4.0576634592406E-13
y0= : -4.6440164257444E-12
*****
i=34611
k(34611)=0.99999860106724
kQ(34611)=0.99999720213644
r1= : 4.6615922356308E-12
rpunto1 : = -501456.54616341
rduepunti0 : = -1.0114574668303E+25
fil : = 488.43063958883
fipunto1 : = 5.7402297825564E+17
fi_gradi : = 27985.014233315
t1 : = 1.0809502138641E-14
tpunto1 : = 1.0003572593286
tduepunti0 : = 1.2994760399873E+14
v=v_elettrone : = 2722174.2149831
x0= : -4.0544863161722E-13
y0= : -4.6439854201833E-12
*****
i=34612
k(34612)=0.99999859444075
kQ(34612)=0.99999718888347
r1= : 4.6615334254623E-12
rpunto1 : = -502642.79784714
rduepunti0 : = -1.011480986043E+25
fil : = 488.43070690949
fipunto1 : = 5.7403746188542E+17
fi_gradi : = 27985.018090505
t1 : = 1.0809502255961E-14
tpunto1 : = 1.0003572746052
tduepunti0 : = 1.3025901331055E+14
v=v_elettrone : = 2722425.5237394
x0= : -4.0513090338287E-13
y0= : -4.6439542549876E-12
```

```
*****
i=34613
k(34613)=0.99999858779844
kQ(34613)=0.99999717559887
r1= : 4.6614744761717E-12
rpunto1 : = -503829.07718025
rduepunti0 : = -1.0115045618417E+25
fil : = 488.43077423185
fipunto1 : = 5.7405198032733E+17
fi_gradi : = 27985.021947792
t1 : = 1.0809502373282E-14
tpunto1 : = 1.0003572899183
tduepunti0 : = 1.3057045324E+14
v=v_elettrone : = 2722677.413567
x0= : -4.048131612316E-13
y0= : -4.6439229301525E-12
*****
i=34614
k(34614)=0.99999858114031
kQ(34614)=0.99999716228264
r1= : 4.6614153877559E-12
rpunto1 : = -505015.38422913
rduepunti0 : = -1.0115281942338E+25
fil : = 488.43084155592
fipunto1 : = 5.7406653358609E+17
fi_gradi : = 27985.025805177
t1 : = 1.0809502490603E-14
tpunto1 : = 1.000357305268
tduepunti0 : = 1.3088192386205E+14
v=v_elettrone : = 2722929.8799033
x0= : -4.044954051735E-13
y0= : -4.6438914456729E-12
*****
i=34615
k(34615)=0.99999857446637
kQ(34615)=0.99999714893478
r1= : 4.6613561602115E-12
rpunto1 : = -506201.71906015
rduepunti0 : = -1.0115518832264E+25
fil : = 488.43090888169
fipunto1 : = 5.7408112166643E+17
fi_gradi : = 27985.02966266
t1 : = 1.0809502607923E-14
tpunto1 : = 1.0003573206542
tduepunti0 : = 1.3119342525168E+14
v=v_elettrone : = 2723182.9248439
x0= : -4.0417763521919E-13
y0= : -4.643859801544E-12
*****
i=34616
k(34616)=0.99999856777662
kQ(34616)=0.99999713555529
r1= : 4.6612967935354E-12
rpunto1 : = -507388.0817397
rduepunti0 : = -1.0115756288266E+25
fil : = 488.43097620918
fipunto1 : = 5.7409574457311E+17
fi_gradi : = 27985.033520241
t1 : = 1.0809502725244E-14
tpunto1 : = 1.0003573360769
tduepunti0 : = 1.3150495748392E+14
v=v_elettrone : = 2723436.5482677
x0= : -4.0385985137903E-13
y0= : -4.6438279977607E-12
```

```
*****
i=34617
k(34617)=0.99999856107104
kQ(34617)=0.99999712214416
r1= : 4.6612372877241E-12
rpunto1 : = -508574.47233418
rduepunti0 : = -1.0115994310417E+25
fil : = 488.43104353838
fipunto1 : = 5.7411040231087E+17
fi_gradi : = 27985.037377919
t1 : = 1.0809502842564E-14
tpunto1 : = 1.0003573515362
tduepunti0 : = 1.3181652063378E+14
v=v_elettrone : = 2723690.7500472
x0= : -4.0354205366336E-13
y0= : -4.6437960343181E-12
*****
i=34618
k(34618)=0.99999855434965
kQ(34618)=0.99999710870139
r1= : 4.6611776427746E-12
rpunto1 : = -509760.89090999
rduepunti0 : = -1.0116232898789E+25
fil : = 488.43111086929
fipunto1 : = 5.7412509488448E+17
fi_gradi : = 27985.041235697
t1 : = 1.0809502959885E-14
tpunto1 : = 1.000357367032
tduepunti0 : = 1.3212811477631E+14
v=v_elettrone : = 2723945.5300615
x0= : -4.0322424208255E-13
y0= : -4.6437639112111E-12
*****
i=34619
k(34619)=0.99999854761244
kQ(34619)=0.99999709522698
r1= : 4.6611178586834E-12
rpunto1 : = -510947.33753354
rduepunti0 : = -1.0116472053454E+25
fil : = 488.43117820193
fipunto1 : = 5.7413982229874E+17
fi_gradi : = 27985.045093573
t1 : = 1.0809503077206E-14
tpunto1 : = 1.0003573825643
tduepunti0 : = 1.3243973998659E+14
v=v_elettrone : = 2724200.8859647
x0= : -4.0290641664697E-13
y0= : -4.6437316284348E-12
*****
i=34620
k(34620)=0.9999985408594
kQ(34620)=0.99999708172093
r1= : 4.6610579354472E-12
rpunto1 : = -512133.81227127
rduepunti0 : = -1.0116711774484E+25
fil : = 488.4312455363
fipunto1 : = 5.7415458455842E+17
fi_gradi : = 27985.048951548
t1 : = 1.0809503194526E-14
tpunto1 : = 1.0003573981332
tduepunti0 : = 1.327513963397E+14
v=v_elettrone : = 2724456.8220736
x0= : -4.0258857736724E-13
y0= : -4.6436991859842E-12
```

```
*****
i=34621
k(34621)=0.99999853409054
kQ(34621)=0.99999706818322
r1= : 4.6609978730629E-12
rpunto1 : = -513320.3151896
rduepunti0 : = -1.0116952061953E+25
fil : = 488.4313128724
fipunto1 : = 5.7416938166835E+17
fi_gradi : = 27985.052809622
t1 : = 1.0809503311847E-14
tpunto1 : = 1.0003574137387
tduepunti0 : = 1.3306308391074E+14
v=v_elettrone : = 2724713.333821
x0= : -4.0227072425346E-13
y0= : -4.6436665838542E-12
*****
i=34622
k(34622)=0.99999852730585
kQ(34622)=0.99999705461387
r1= : 4.6609376715271E-12
rpunto1 : = -514506.84635496
rduepunti0 : = -1.0117192915933E+25
fil : = 488.43138021024
fipunto1 : = 5.7418421363332E+17
fi_gradi : = 27985.056667796
t1 : = 1.0809503429167E-14
tpunto1 : = 1.0003574293807
tduepunti0 : = 1.3337480277485E+14
v=v_elettrone : = 2724970.4233081
x0= : -4.0195285731627E-13
y0= : -4.6436338220399E-12
*****
i=34623
k(34623)=0.99999852050534
kQ(34623)=0.99999704101286
r1= : 4.6608773308365E-12
rpunto1 : = -515693.40583381
rduepunti0 : = -1.0117434336497E+25
fil : = 488.43144754981
fipunto1 : = 5.7419908045818E+17
fi_gradi : = 27985.06052607
t1 : = 1.0809503546488E-14
tpunto1 : = 1.0003574450593
tduepunti0 : = 1.3368655300717E+14
v=v_elettrone : = 2725228.0904026
x0= : -4.0163497656604E-13
y0= : -4.6436009005361E-12
*****
i=34624
k(34624)=0.99999851368899
kQ(34624)=0.9999970273802
r1= : 4.6608168509877E-12
rpunto1 : = -516879.99369261
rduepunti0 : = -1.0117676323719E+25
fil : = 488.43151489113
fipunto1 : = 5.7421398214775E+17
fi_gradi : = 27985.064384443
t1 : = 1.0809503663809E-14
tpunto1 : = 1.0003574607745
tduepunti0 : = 1.3399833468286E+14
v=v_elettrone : = 2725486.3349815
x0= : -4.0131708201315E-13
y0= : -4.6435678193378E-12
```

```
*****
i=34625
k(34625)=0.99999850685682
kQ(34625)=0.99999701371587
r1= : 4.6607562319774E-12
rpunto1 : = -518066.60999782
rduepunti0 : = -1.0117918877672E+25
fil : = 488.43158223419
fipunto1 : = 5.742289187069E+17
fi_gradi : = 27985.068242916
t1 : = 1.0809503781129E-14
tpunto1 : = 1.0003574765262
tduepunti0 : = 1.3431014787712E+14
v=v_elettrone : = 2725745.1569225
x0= : -4.0099917366797E-13
y0= : -4.64353457844E-12
*****
i=34626
k(34626)=0.99999850000882
kQ(34626)=0.99999700001988
r1= : 4.6606954738023E-12
rpunto1 : = -519253.25481592
rduepunti0 : = -1.0118161998429E+25
fil : = 488.43164957901
fipunto1 : = 5.7424389014048E+17
fi_gradi : = 27985.07210149
t1 : = 1.080950389845E-14
tpunto1 : = 1.0003574923145
tduepunti0 : = 1.3462199266514E+14
v=v_elettrone : = 2726004.556095
x0= : -4.0068125154089E-13
y0= : -4.6435011778377E-12
*****
i=34627
k(34627)=0.99999849314498
kQ(34627)=0.99999698629223
r1= : 4.6606345764591E-12
rpunto1 : = -520439.92821338
rduepunti0 : = -1.0118405686064E+25
fil : = 488.43171692558
fipunto1 : = 5.7425889645336E+17
fi_gradi : = 27985.075960165
t1 : = 1.080950401577E-14
tpunto1 : = 1.0003575081393
tduepunti0 : = 1.3493386912216E+14
v=v_elettrone : = 2726264.5323742
x0= : -4.0036331564229E-13
y0= : -4.6434676175256E-12
*****
i=34628
k(34628)=0.99999848626531
kQ(34628)=0.99999697253291
r1= : 4.6605735399443E-12
rpunto1 : = -521626.6302567
rduepunti0 : = -1.0118649940652E+25
fil : = 488.43178427392
fipunto1 : = 5.7427393765045E+17
fi_gradi : = 27985.07981894
t1 : = 1.0809504133091E-14
tpunto1 : = 1.0003575240008
tduepunti0 : = 1.3524577732341E+14
v=v_elettrone : = 2726525.0856342
x0= : -4.0004536598256E-13
y0= : -4.6434338974989E-12
```

```
*****
i=34629
k(34629)=0.9999984793698
kQ(34629)=0.99999695874191
r1= : 4.6605123642547E-12
rpunto1 : = -522813.36101238
rduepunti0 : = -1.0118894762265E+25
fil : = 488.43185162401
fipunto1 : = 5.7428901373662E+17
fi_gradi : = 27985.083677816
t1 : = 1.0809504250412E-14
tpunto1 : = 1.0003575398988
tduepunti0 : = 1.3555771734417E+14
v=v_elettrone : = 2726786.215751
x0= : -3.9972740257208E-13
y0= : -4.6434000177523E-12
*****
i=34630
k(34630)=0.99999847245845
kQ(34630)=0.99999694491924
r1= : 4.6604510493869E-12
rpunto1 : = -524000.12054693
rduepunti0 : = -1.011914015098E+25
fil : = 488.43191897588
fipunto1 : = 5.743041247168E+17
fi_gradi : = 27985.087536794
t1 : = 1.0809504367732E-14
tpunto1 : = 1.0003575558334
tduepunti0 : = 1.3586968925972E+14
v=v_elettrone : = 2727047.922594
x0= : -3.9940942542125E-13
y0= : -4.6433659782808E-12
*****
i=34631
k(34631)=0.99999846553127
kQ(34631)=0.99999693106489
r1= : 4.6603895953375E-12
rpunto1 : = -525186.90892686
rduepunti0 : = -1.0119386106869E+25
fil : = 488.43198632952
fipunto1 : = 5.743192705959E+17
fi_gradi : = 27985.091395873
t1 : = 1.0809504485053E-14
tpunto1 : = 1.0003575718047
tduepunti0 : = 1.3618169314537E+14
v=v_elettrone : = 2727310.2060365
x0= : -3.9909143454046E-13
y0= : -4.6433317790793E-12
*****
i=34632
k(34632)=0.99999845858824
kQ(34632)=0.99999691717886
r1= : 4.660328002103E-12
rpunto1 : = -526373.7262187
rduepunti0 : = -1.0119632630008E+25
fil : = 488.43205368493
fipunto1 : = 5.7433445137886E+17
fi_gradi : = 27985.095255054
t1 : = 1.0809504602374E-14
tpunto1 : = 1.0003575878125
tduepunti0 : = 1.3649372907643E+14
v=v_elettrone : = 2727573.0637367
x0= : -3.9877342994012E-13
y0= : -4.6432974201427E-12
```

```
*****
i=34633
k(34633)=0.99999845162938
kQ(34633)=0.99999690326115
r1= : 4.6602662696802E-12
rpunto1: = -527560.57248899
rduepunti0 : = -1.0119879720471E+25
fil : = 488.43212104212
fipunto1 : = 5.7434966707062E+17
fi_gradi : = 27985.099114337
t1 : = 1.0809504719694E-14
tpunto1 : = 1.0003576038569
tduepunti0 : = 1.3680579712827E+14
v=v_elettrone : = 2727836.5000008
x0= : -3.9845541163087E-13
y0= : -4.6432629014657E-12
*****
i=34634
k(34634)=0.99999844465466
kQ(34634)=0.99999688931175
r1= : 4.6602043980656E-12
rpunto1: = -528747.44780427
rduepunti0 : = -1.0120127378334E+25
fil : = 488.4321884011
fipunto1 : = 5.7436491767614E+17
fi_gradi : = 27985.102973722
t1 : = 1.0809504837015E-14
tpunto1 : = 1.0003576199379
tduepunti0 : = 1.3711789737624E+14
v=v_elettrone : = 2728100.5124792
x0= : -3.9813737962287E-13
y0= : -4.6432282230433E-12
*****
i=34635
k(34635)=0.99999843766411
kQ(34635)=0.99999687533065
r1= : 4.6601423872558E-12
rpunto1: = -529934.3522311
rduepunti0 : = -1.0120375603672E+25
fil : = 488.43225576187
fipunto1 : = 5.7438020320038E+17
fi_gradi : = 27985.10683321
t1 : = 1.0809504954335E-14
tpunto1 : = 1.0003576360555
tduepunti0 : = 1.3743002989574E+14
v=v_elettrone : = 2728365.1010516
x0= : -3.9781933392652E-13
y0= : -4.6431933848704E-12
*****
i=34636
k(34636)=0.9999984306577
kQ(34636)=0.99999686131787
r1= : 4.6600802372474E-12
rpunto1: = -531121.28583603
rduepunti0 : = -1.012062439656E+25
fil : = 488.43232312443
fipunto1 : = 5.7439552364833E+17
fi_gradi : = 27985.1106928
t1 : = 1.0809505071656E-14
tpunto1 : = 1.0003576522097
tduepunti0 : = 1.3774219476216E+14
v=v_elettrone : = 2728630.265586
x0= : -3.9750127455222E-13
y0= : -4.6431583869418E-12
```

```
*****
i=34637
k(34637)=0.99999842363545
kQ(34637)=0.99999684727338
r1= : 4.660017948037E-12
rpunto1: = -532308.24868563
rduepunti0 : = -1.0120873757073E+25
fil : = 488.43239048879
fipunto1 : = 5.7441087902498E+17
fi_gradi : = 27985.114552493
t1 : = 1.0809505188977E-14
tpunto1 : = 1.0003576684005
tduepunti0 : = 1.3805439205095E+14
v=v_elettrone : = 2728896.0059531
x0= : -3.9718320151039E-13
y0= : -4.6431232292523E-12
*****
i=34638
k(34638)=0.99999841659735
kQ(34638)=0.9999968331972
r1= : 4.6599555196212E-12
rpunto1: = -533495.24084649
rduepunti0 : = -1.0121123685287E+25
fil : = 488.43245785494
fipunto1 : = 5.7442626933533E+17
fi_gradi : = 27985.11841229
t1 : = 1.0809505306297E-14
tpunto1 : = 1.000357684628
tduepunti0 : = 1.3836662183753E+14
v=v_elettrone : = 2729162.3220238
x0= : -3.9686511481144E-13
y0= : -4.6430879117967E-12
*****
i=34639
k(34639)=0.99999840954339
kQ(34639)=0.99999681908931
r1= : 4.6598929519964E-12
rpunto1: = -534682.26238519
rduepunti0 : = -1.0121374181278E+25
fil : = 488.43252522291
fipunto1 : = 5.744416945844E+17
fi_gradi : = 27985.12227219
t1 : = 1.0809505423618E-14
tpunto1 : = 1.0003577008921
tduepunti0 : = 1.386788841974E+14
v=v_elettrone : = 2729429.2136736
x0= : -3.9654701446579E-13
y0= : -4.64305243457E-12
*****
i=34640
k(34640)=0.99999840247358
kQ(34640)=0.99999680494972
r1= : 4.6598302451594E-12
rpunto1: = -535869.31336834
rduepunti0 : = -1.0121625245123E+25
fil : = 488.43259259268
fipunto1 : = 5.744571547772E+17
fi_gradi : = 27985.126132193
t1 : = 1.0809505540939E-14
tpunto1 : = 1.0003577171928
tduepunti0 : = 1.3899117920602E+14
v=v_elettrone : = 2729696.6807691
x0= : -3.9622890048386E-13
y0= : -4.6430167975668E-12
```



```
*****
i=34641
k(34641)=0.99999839538792
kQ(34641)=0.99999679077842
r1= : 4.6597673991065E-12
rpunto1 : = -537056.39386252
rduepunti0 : = -1.0121876876897E+25
fil : = 488.43265996426
fipunto1 : = 5.744726499188E+17
fi_gradi : = 27985.129992301
t1 : = 1.0809505658259E-14
tpunto1 : = 1.0003577335301
tduepunti0 : = 1.3930350693892E+14
v=v_elettrone : = 2729964.7231833
x0= : -3.9591077287608E-13
y0= : -4.642981000782E-12
*****
i=34642
k(34642)=0.9999983882864
kQ(34642)=0.99999677657541
r1= : 4.6597044138344E-12
rpunto1 : = -538243.50393437
rduepunti0 : = -1.0122129076677E+25
fil : = 488.43272733766
fipunto1 : = 5.7448818001422E+17
fi_gradi : = 27985.133852512
t1 : = 1.080950577558E-14
tpunto1 : = 1.0003577499041
tduepunti0 : = 1.3961586747162E+14
v=v_elettrone : = 2730233.3430012
x0= : -3.9559263165285E-13
y0= : -4.6429450442104E-12
*****
i=34643
k(34643)=0.99999838116903
kQ(34643)=0.99999676234068
r1= : 4.6596412893395E-12
rpunto1 : = -539430.6436505
rduepunti0 : = -1.0122381844539E+25
fil : = 488.43279471289
fipunto1 : = 5.7450374506854E+17
fi_gradi : = 27985.137712828
t1 : = 1.0809505892901E-14
tpunto1 : = 1.0003577663147
tduepunti0 : = 1.3992826087968E+14
v=v_elettrone : = 2730502.5356621
x0= : -3.9527447682436E-13
y0= : -4.6429089278467E-12
*****
i=34644
k(34644)=0.99999837403579
kQ(34644)=0.99999674807423
r1= : 4.6595780256185E-12
rpunto1 : = -540617.81307755
rduepunti0 : = -1.012263518056E+25
fil : = 488.43286208993
fipunto1 : = 5.7451934508682E+17
fi_gradi : = 27985.141573249
t1 : = 1.0809506010221E-14
tpunto1 : = 1.0003577827619
tduepunti0 : = 1.4024068723867E+14
v=v_elettrone : = 2730772.3054669
x0= : -3.949563084013E-13
y0= : -4.6428726516858E-12
```

```
*****
i=34645
k(34645)=0.9999983668867
kQ(34645)=0.99999673377606
r1= : 4.6595146226678E-12
rpunto1 : = -541805.01228216
rduepunti0 : = -1.0122889084818E+25
fil : = 488.43292946881
fipunto1 : = 5.7453498007416E+17
fi_gradi : = 27985.145433774
t1 : = 1.0809506127542E-14
tpunto1 : = 1.0003577992458
tduepunti0 : = 1.4055314662417E+14
v=v_elettrone : = 2731042.6500689
x0= : -3.9463812639383E-13
y0= : -4.6428362157224E-12
*****
i=34646
k(34646)=0.99999835972174
kQ(34646)=0.99999671944616
r1= : 4.6594510804839E-12
rpunto1 : = -542992.24133098
rduepunti0 : = -1.0123143557388E+25
fil : = 488.43299684952
fipunto1 : = 5.7455065003565E+17
fi_gradi : = 27985.149294404
t1 : = 1.0809506244863E-14
tpunto1 : = 1.0003578157664
tduepunti0 : = 1.4086563911182E+14
v=v_elettrone : = 2731313.5693401
x0= : -3.9431993081239E-13
y0= : -4.6427996199512E-12
*****
i=34647
k(34647)=0.99999835254091
kQ(34647)=0.99999670508454
r1= : 4.6593873990634E-12
rpunto1 : = -544179.50029067
rduepunti0 : = -1.0123398598349E+25
fil : = 488.43306423207
fipunto1 : = 5.745663549764E+17
fi_gradi : = 27985.15315514
t1 : = 1.0809506362183E-14
tpunto1 : = 1.0003578323236
tduepunti0 : = 1.4117816477722E+14
v=v_elettrone : = 2731585.0631498
x0= : -3.9400172166743E-13
y0= : -4.6427628643671E-12
*****
i=34648
k(34648)=0.99999834534422
kQ(34648)=0.99999669069118
r1= : 4.6593235784026E-12
rpunto1 : = -545366.7892279
rduepunti0 : = -1.0123654207778E+25
fil : = 488.43313161647
fipunto1 : = 5.7458209490153E+17
fi_gradi : = 27985.157015981
t1 : = 1.0809506479504E-14
tpunto1 : = 1.0003578489174
tduepunti0 : = 1.4149072369606E+14
v=v_elettrone : = 2731857.1313644
x0= : -3.9368349896938E-13
y0= : -4.6427259489647E-12
```

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*****
i=34649
k(34649)=0.99999833813167
kQ(34649)=0.9999966762661
r1= : 4.6592596184982E-12
rpunto1 : = -546554.10820935
rduepunti0 : = -1.0123910385753E+25
fil : = 488.4331990027
fipunto1 : = 5.7459786981618E+17
fi_gradi : = 27985.160876928
t1 : = 1.0809506596825E-14
tpunto1 : = 1.0003578655479
tduepunti0 : = 1.4180331594399E+14
v=v_elettrone : = 2732129.7738547
x0= : -3.9336526272869E-13
y0= : -4.6426888737387E-12
*****
i=34650
k(34650)=0.99999833090324
kQ(34650)=0.99999666180927
r1= : 4.6591955193466E-12
rpunto1 : = -547741.4573017
rduepunti0 : = -1.0124167132351E+25
fil : = 488.43326639079
fipunto1 : = 5.7461367972548E+17
fi_gradi : = 27985.164737981
t1 : = 1.0809506714145E-14
tpunto1 : = 1.0003578822151
tduepunti0 : = 1.4211594159673E+14
v=v_elettrone : = 2732402.9927043
x0= : -3.930470129558E-13
y0= : -4.6426516386839E-12
*****
i=34651
k(34651)=0.99999832365895
kQ(34651)=0.9999966473207
r1= : 4.6591312809442E-12
rpunto1 : = -548928.83657166
rduepunti0 : = -1.0124424447651E+25
fil : = 488.43333378073
fipunto1 : = 5.746295246346E+17
fi_gradi : = 27985.168599141
t1 : = 1.0809506831466E-14
tpunto1 : = 1.0003578989189
tduepunti0 : = 1.4242860072998E+14
v=v_elettrone : = 2732676.7855644
x0= : -3.9272874966092E-13
y0= : -4.6426142437951E-12
*****
i=34652
k(34652)=0.99999831639878
kQ(34652)=0.99999663280039
r1= : 4.6590669032875E-12
rpunto1 : = -550116.24608592
rduepunti0 : = -1.012468233173E+25
fil : = 488.43340117253
fipunto1 : = 5.746454045487E+17
fi_gradi : = 27985.172460406
t1 : = 1.0809506948787E-14
tpunto1 : = 1.0003579156594
tduepunti0 : = 1.4274129341949E+14
v=v_elettrone : = 2732951.1523051
x0= : -3.9241047285449E-13
y0= : -4.6425766890668E-12

```

```
*****
i=34653
k(34653)=0.99999830912273
kQ(34653)=0.99999661824833
r1= : 4.659002386373E-12
rpunto1 : = -551303.68591121
rduepunti0 : = -1.0124940784668E+25
fil : = 488.43346856619
fipunto1 : = 5.7466131947296E+17
fi_gradi : = 27985.176321779
t1 : = 1.0809507066107E-14
tpunto1 : = 1.0003579324366
tduepunti0 : = 1.4305401974102E+14
v=v_elettrone : = 2733226.0927961
x0= : -3.9209218254696E-13
y0= : -4.6425389744938E-12
*****
i=34654
k(34654)=0.99999830183082
kQ(34654)=0.99999660366452
r1= : 4.658937730197E-12
rpunto1 : = -552491.15611424
rduepunti0 : = -1.0125199806542E+25
fil : = 488.43353596172
fipunto1 : = 5.7467726941257E+17
fi_gradi : = 27985.180183258
t1 : = 1.0809507183428E-14
tpunto1 : = 1.0003579492505
tduepunti0 : = 1.4336677977035E+14
v=v_elettrone : = 2733501.6091158
x0= : -3.917738787488E-13
y0= : -4.6425011000709E-12
*****
i=34655
k(34655)=0.99999829452302
kQ(34655)=0.99999658904895
r1= : 4.6588729347562E-12
rpunto1 : = -553678.65676176
rduepunti0 : = -1.0125459397431E+25
fil : = 488.43360335912
fipunto1 : = 5.7469325437274E+17
fi_gradi : = 27985.184044845
t1 : = 1.0809507300749E-14
tpunto1 : = 1.000357966101
tduepunti0 : = 1.4367957358328E+14
v=v_elettrone : = 2733777.6967075
x0= : -3.9145556147021E-13
y0= : -4.6424630657925E-12
*****
i=34656
k(34656)=0.99999828719935
kQ(34656)=0.99999657440163
r1= : 4.6588080000468E-12
rpunto1 : = -554866.18792049
rduepunti0 : = -1.0125719557414E+25
fil : = 488.4336707584
fipunto1 : = 5.7470927435868E+17
fi_gradi : = 27985.187906539
t1 : = 1.0809507418069E-14
tpunto1 : = 1.0003579829883
tduepunti0 : = 1.4399240125565E+14
v=v_elettrone : = 2734054.3598644
x0= : -3.9113723072191E-13
y0= : -4.6424248716535E-12
```

```
*****
i=34657
k(34657)=0.9999982798598
kQ(34657)=0.99999655972255
r1= : 4.6587429260653E-12
rpunto1 : = -556053.74965721
rduepunti0 : = -1.0125980286571E+25
fil : = 488.43373815955
fipunto1 : = 5.7472532937562E+17
fi_gradi : = 27985.19176834
t1 : = 1.080950753539E-14
tpunto1 : = 1.0003579999122
tduepunti0 : = 1.4430526286329E+14
v=v_elettrone : = 2734331.5984484
x0= : -3.9081888651412E-13
y0= : -4.6423865176484E-12
*****
i=34658
k(34658)=0.99999827250436
kQ(34658)=0.99999654501171
r1= : 4.6586777128081E-12
rpunto1 : = -557241.34203865
rduepunti0 : = -1.012624158498E+25
fil : = 488.43380556258
fipunto1 : = 5.747414194288E+17
fi_gradi : = 27985.19563025
t1 : = 1.0809507652711E-14
tpunto1 : = 1.0003580168728
tduepunti0 : = 1.4461815848208E+14
v=v_elettrone : = 2734609.4079105
x0= : -3.9050052885704E-13
y0= : -4.642348003772E-12
*****
i=34659
k(34659)=0.99999826513304
kQ(34659)=0.9999965302691
r1= : 4.6586123602717E-12
rpunto1 : = -558428.96513161
rduepunti0 : = -1.0126503452721E+25
fil : = 488.43387296751
fipunto1 : = 5.7475754452347E+17
fi_gradi : = 27985.199492267
t1 : = 1.0809507770031E-14
tpunto1 : = 1.0003580338702
tduepunti0 : = 1.449310881879E+14
v=v_elettrone : = 2734887.7925339
x0= : -3.901821577614E-13
y0= : -4.6423093300188E-12
*****
i=34660
k(34660)=0.99999825774584
kQ(34660)=0.99999651549471
r1= : 4.6585468684523E-12
rpunto1 : = -559616.61900285
rduepunti0 : = -1.0126765889874E+25
fil : = 488.43394037432
fipunto1 : = 5.7477370466489E+17
fi_gradi : = 27985.203354393
t1 : = 1.0809507887352E-14
tpunto1 : = 1.0003580509042
tduepunti0 : = 1.4524405205667E+14
v=v_elettrone : = 2735166.7499753
x0= : -3.8986377323743E-13
y0= : -4.6422704963835E-12
```

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*****
i=34661
k(34661)=0.99999825034275
kQ(34661)=0.99999650068856
r1= : 4.6584812373465E-12
rpunto1 : = -560804.30371916
rduepunti0 : = -1.0127028896518E+25
fil : = 488.43400778303
fipunto1 : = 5.7478989985833E+17
fi_gradi : = 27985.207216628
t1 : = 1.0809508004673E-14
tpunto1 : = 1.0003580679749
tduepunti0 : = 1.4555705016431E+14
v=v_elettrone : = 2735446.2823148
x0= : -3.8954537529561E-13
y0= : -4.6422315028607E-12
*****
i=34662
k(34662)=0.99999824292377
kQ(34662)=0.99999648585063
r1= : 4.6584154669505E-12
rpunto1 : = -561992.01934735
rduepunti0 : = -1.0127292472734E+25
fil : = 488.43407519364
fipunto1 : = 5.7480613010908E+17
fi_gradi : = 27985.211078971
t1 : = 1.0809508121993E-14
tpunto1 : = 1.0003580850824
tduepunti0 : = 1.4587008258679E+14
v=v_elettrone : = 2735726.3849934
x0= : -3.8922696394614E-13
y0= : -4.6421923494451E-12
*****
i=34663
k(34663)=0.9999982354889
kQ(34663)=0.99999647098091
r1= : 4.6583495572608E-12
rpunto1 : = -563179.76595423
rduepunti0 : = -1.0127556618601E+25
fil : = 488.43414260615
fipunto1 : = 5.7482239542244E+17
fi_gradi : = 27985.214941423
t1 : = 1.0809508239314E-14
tpunto1 : = 1.0003581022266
tduepunti0 : = 1.4618314940008E+14
v=v_elettrone : = 2736007.0622991
x0= : -3.889085391998E-13
y0= : -4.6421530361311E-12
*****
i=34664
k(34664)=0.99999822803814
kQ(34664)=0.99999645607942
r1= : 4.6582835082737E-12
rpunto1 : = -564367.5436066
rduepunti0 : = -1.01278213342E+25
fil : = 488.43421002057
fipunto1 : = 5.7483869580372E+17
fi_gradi : = 27985.218803985
t1 : = 1.0809508356635E-14
tpunto1 : = 1.0003581194075
tduepunti0 : = 1.4649625068018E+14
v=v_elettrone : = 2736288.3140992
x0= : -3.8859010106679E-13
y0= : -4.6421135629134E-12

```

```

*****
i=34665
k(34665)=0.99999822057149
kQ(34665)=0.99999644114614
r1= : 4.6582173199857E-12
rpunto1 : = -565555.3523713
rduepunti0 : = -1.0128086619611E+25
fil : = 488.4342774369
fipunto1 : = 5.7485503125824E+17
fi_gradi : = 27985.222666656
t1 : = 1.0809508473955E-14
tpunto1 : = 1.0003581366251
tduepunti0 : = 1.468093865031E+14
v=v_elettrone : = 2736570.1380451
x0= : -3.8827164955736E-13
y0= : -4.6420739297867E-12
*****
i=34666
k(34666)=0.99999821308894
kQ(34666)=0.99999642618107
r1= : 4.6581509923929E-12
rpunto1 : = -566743.19231516
rduepunti0 : = -1.0128352474915E+25
fil : = 488.43434485515
fipunto1 : = 5.7487140179134E+17
fi_gradi : = 27985.226529437
t1 : = 1.0809508591276E-14
tpunto1 : = 1.0003581538794
tduepunti0 : = 1.4712255694489E+14
v=v_elettrone : = 2736852.5340057
x0= : -3.8795318468199E-13
y0= : -4.6420341367454E-12
*****
i=34667
k(34667)=0.99999820559049
kQ(34667)=0.9999964111842
r1= : 4.6580845254919E-12
rpunto1 : = -567931.06350503
rduepunti0 : = -1.0128618900193E+25
fil : = 488.43441227531
fipunto1 : = 5.7488780740835E+17
fi_gradi : = 27985.230392328
t1 : = 1.0809508708597E-14
tpunto1 : = 1.0003581711705
tduepunti0 : = 1.4743576208161E+14
v=v_elettrone : = 2737135.5018452
x0= : -3.8763470645118E-13
y0= : -4.6419941837842E-12
*****
i=34668
k(34668)=0.99999819807615
kQ(34668)=0.99999639615554
r1= : 4.6580179192789E-12
rpunto1 : = -569118.96600776
rduepunti0 : = -1.0128885895525E+25
fil : = 488.4344796974
fipunto1 : = 5.7490424811463E+17
fi_gradi : = 27985.23425533
t1 : = 1.0809508825918E-14
tpunto1 : = 1.0003581884983
tduepunti0 : = 1.4774900198935E+14
v=v_elettrone : = 2737419.0436344
x0= : -3.8731621487545E-13
y0= : -4.6419540708975E-12

```

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*****
i=34669
k(34669)=0.9999981905459
kQ(34669)=0.99999638109508
r1= : 4.6579511737502E-12
rpunto1: = -570306.89989022
rduepunti0 : = -1.0129153460994E+25
fil : = 488.43454712142
fipunto1 : = 5.7492072391556E+17
fi_gradi : = 27985.238118441
t1 : = 1.0809508943238E-14
tpunto1 : = 1.0003582058628
tduepunti0 : = 1.4806227674421E+14
v=v_elettrone : = 2737703.1570325
x0= : -3.8699770996503E-13
y0= : -4.6419137980799E-12
*****
i=34670
k(34670)=0.99999818299976
kQ(34670)=0.99999636600282
r1= : 4.6578842889022E-12
rpunto1: = -571494.86521929
rduepunti0 : = -1.0129421596681E+25
fil : = 488.43461454738
fipunto1 : = 5.7493723481652E+17
fi_gradi : = 27985.241981664
t1 : = 1.0809509060559E-14
tpunto1 : = 1.0003582232641
tduepunti0 : = 1.4837558642233E+14
v=v_elettrone : = 2737987.8441123
x0= : -3.8667919173042E-13
y0= : -4.6418733653261E-12
*****
i=34671
k(34671)=0.99999817543771
kQ(34671)=0.99999635087874
r1= : 4.6578172647311E-12
rpunto1: = -572682.86206184
rduepunti0 : = -1.0129690302666E+25
fil : = 488.43468197526
fipunto1 : = 5.7495378082289E+17
fi_gradi : = 27985.245844997
t1 : = 1.080950917788E-14
tpunto1 : = 1.0003582407022
tduepunti0 : = 1.4868893109985E+14
v=v_elettrone : = 2738273.1025255
x0= : -3.8636066018188E-13
y0= : -4.6418327726304E-12
*****
i=34672
k(34672)=0.99999816785975
kQ(34672)=0.99999633572286
r1= : 4.6577501012334E-12
rpunto1: = -573870.89048477
rduepunti0 : = -1.0129959579033E+25
fil : = 488.43474940509
fipunto1 : = 5.7497036194008E+17
fi_gradi : = 27985.249708442
t1 : = 1.08095092952E-14
tpunto1 : = 1.000358258177
tduepunti0 : = 1.4900231085296E+14
v=v_elettrone : = 2738558.9343465
x0= : -3.8604211532992E-13
y0= : -4.6417920199874E-12

```



```
*****
i=34673
k(34673)=0.99999816026589
kQ(34673)=0.99999632053517
r1= : 4.6576827984052E-12
rpunto1: = -575058.95055499
rduepunti0 : = -1.0130229425862E+25
fil : = 488.43481683686
fipunto1 : = 5.7498697817352E+17
fi_gradi : = 27985.253571998
t1 : = 1.0809509412521E-14
tpunto1 : = 1.0003582756885
tduepunti0 : = 1.4931572575784E+14
v=v_elettrone : = 2738845.337232
x0= : -3.857235571848E-13
y0= : -4.6417511073917E-12
*****
i=34674
k(34674)=0.99999815265612
kQ(34674)=0.99999630531566
r1= : 4.6576153562429E-12
rpunto1: = -576247.0423394
rduepunti0 : = -1.0130499843236E+25
fil : = 488.43488427059
fipunto1 : = 5.7500362952861E+17
fi_gradi : = 27985.257435665
t1 : = 1.0809509529842E-14
tpunto1 : = 1.0003582932368
tduepunti0 : = 1.4962917589071E+14
v=v_elettrone : = 2739132.3110426
x0= : -3.8540498575703E-13
y0= : -4.6417100348377E-12
*****
i=34675
k(34675)=0.99999814503044
kQ(34675)=0.99999629006433
r1= : 4.6575477747427E-12
rpunto1: = -577435.16590493
rduepunti0 : = -1.0130770831237E+25
fil : = 488.43495170626
fipunto1 : = 5.7502031601082E+17
fi_gradi : = 27985.261299445
t1 : = 1.0809509647162E-14
tpunto1 : = 1.0003583108219
tduepunti0 : = 1.4994266132781E+14
v=v_elettrone : = 2739419.8578524
x0= : -3.8508640105714E-13
y0= : -4.64166880232E-12
*****
i=34676
k(34676)=0.99999813738885
kQ(34676)=0.99999627478118
r1= : 4.657480053901E-12
rpunto1: = -578623.32131851
rduepunti0 : = -1.0131042389948E+25
fil : = 488.43501914389
fipunto1 : = 5.7503703762559E+17
fi_gradi : = 27985.265163337
t1 : = 1.0809509764483E-14
tpunto1 : = 1.0003583284438
tduepunti0 : = 1.5025618214542E+14
v=v_elettrone : = 2739707.975314
x0= : -3.8476780309539E-13
y0= : -4.6416274098329E-12
```

```

*****
i=34677
k(34677)=0.99999812973135
kQ(34677)=0.9999962594662
r1= : 4.6574121937139E-12
rpunto1 : = -579811.50864708
rduepunti0 : = -1.0131314519451E+25
fil : = 488.43508658348
fipunto1 : = 5.7505379437837E+17
fi_gradi : = 27985.269027341
t1 : = 1.0809509881804E-14
tpunto1 : = 1.0003583461024
tduepunti0 : = 1.505697384198E+14
v=v_elettrone : = 2739996.6654986
x0= : -3.8444919188232E-13
y0= : -4.641585857371E-12
*****
i=34678
k(34678)=0.99999812205793
kQ(34678)=0.99999624411939
r1= : 4.6573441941778E-12
rpunto1 : = -580999.7279576
rduepunti0 : = -1.013158721983E+25
fil : = 488.43515402504
fipunto1 : = 5.7507058627466E+17
fi_gradi : = 27985.272891457
t1 : = 1.0809509999125E-14
tpunto1 : = 1.0003583637978
tduepunti0 : = 1.5088333022728E+14
v=v_elettrone : = 2740285.9260627
x0= : -3.8413056742819E-13
y0= : -4.6415441449288E-12
*****
i=34679
k(34679)=0.99999811436859
kQ(34679)=0.99999622874074
r1= : 4.6572760552889E-12
rpunto1 : = -582187.97931702
rduepunti0 : = -1.0131860491166E+25
fil : = 488.43522146857
fipunto1 : = 5.7508741331993E+17
fi_gradi : = 27985.276755687
t1 : = 1.0809510116445E-14
tpunto1 : = 1.00035838153
tduepunti0 : = 1.5119695764418E+14
v=v_elettrone : = 2740575.7590744
x0= : -3.8381192974354E-13
y0= : -4.6415022725006E-12
*****
i=34680
k(34680)=0.99999810666334
kQ(34680)=0.99999621333026
r1= : 4.6572077770434E-12
rpunto1 : = -583376.26279232
rduepunti0 : = -1.0132134333544E+25
fil : = 488.43528891407
fipunto1 : = 5.7510427551969E+17
fi_gradi : = 27985.280620029
t1 : = 1.0809510233766E-14
tpunto1 : = 1.0003583992989
tduepunti0 : = 1.5151062074685E+14
v=v_elettrone : = 2740866.1643945
x0= : -3.8349327883865E-13
y0= : -4.641460240081E-12

```

```
*****
i=34681
k(34681)=0.99999809894216
kQ(34681)=0.99999619788794
r1= : 4.6571393594376E-12
rpunto1 : = -584564.57845048
rduepunti0 : = -1.0132408747047E+25
fil : = 488.43535636155
fipunto1 : = 5.7512117287944E+17
fi_gradi : = 27985.284484485
t1 : = 1.0809510351087E-14
tpunto1 : = 1.0003584171047
tduepunti0 : = 1.5182431961167E+14
v=v_elettrone : = 2741157.1396785
x0= : -3.8317461472379E-13
y0= : -4.6414180476644E-12
*****
i=34682
k(34682)=0.99999809120507
kQ(34682)=0.99999618241377
r1= : 4.6570708024677E-12
rpunto1 : = -585752.92635848
rduepunti0 : = -1.0132683731758E+25
fil : = 488.43542381101
fipunto1 : = 5.7513810540471E+17
fi_gradi : = 27985.288349054
t1 : = 1.0809510468408E-14
tpunto1 : = 1.0003584349473
tduepunti0 : = 1.5213805431504E+14
v=v_elettrone : = 2741448.6847894
x0= : -3.8285593740951E-13
y0= : -4.6413756952452E-12
*****
i=34683
k(34683)=0.99999808345204
kQ(34683)=0.99999616690776
r1= : 4.6570021061298E-12
rpunto1 : = -586941.30658334
rduepunti0 : = -1.0132959287761E+25
fil : = 488.43549126245
fipunto1 : = 5.7515507310104E+17
fi_gradi : = 27985.292213737
t1 : = 1.0809510585728E-14
tpunto1 : = 1.0003584528266
tduepunti0 : = 1.5245182493338E+14
v=v_elettrone : = 2741740.8017952
x0= : -3.8253724690636E-13
y0= : -4.6413331828178E-12
*****
i=34684
k(34684)=0.9999980756831
kQ(34684)=0.9999961513699
r1= : 4.6569332704203E-12
rpunto1 : = -588129.71919205
rduepunti0 : = -1.013323541514E+25
fil : = 488.43555871589
fipunto1 : = 5.7517207597398E+17
fi_gradi : = 27985.296078535
t1 : = 1.0809510703049E-14
tpunto1 : = 1.0003584707428
tduepunti0 : = 1.5276563154313E+14
v=v_elettrone : = 2742033.4905554
x0= : -3.8221854322463E-13
y0= : -4.6412905103767E-12
```

```
*****
i=34685
k(34685)=0.99999806789822
kQ(34685)=0.99999613580018
r1= : 4.6568642953354E-12
rpunto1 : = -589318.16425163
rduepunti0 : = -1.0133512113979E+25
fil : = 488.43562617132
fipunto1 : = 5.7518911402907E+17
fi_gradi : = 27985.299943446
t1 : = 1.080951082037E-14
tpunto1 : = 1.0003584886957
tduepunti0 : = 1.5307947422076E+14
v=v_elettrone : = 2742326.7487261
x0= : -3.8189982637461E-13
y0= : -4.6412476779162E-12
*****
i=34686
k(34686)=0.99999806009742
kQ(34686)=0.99999612019861
r1= : 4.6567951808711E-12
rpunto1 : = -590506.64182913
rduepunti0 : = -1.0133789384362E+25
fil : = 488.43569362874
fipunto1 : = 5.752061872719E+17
fi_gradi : = 27985.303808472
t1 : = 1.080951093769E-14
tpunto1 : = 1.0003585066855
tduepunti0 : = 1.5339335304276E+14
v=v_elettrone : = 2742620.5761664
x0= : -3.8158109636686E-13
y0= : -4.6412046854308E-12
*****
i=34687
k(34687)=0.99999805228069
kQ(34687)=0.99999610456517
r1= : 4.6567259270237E-12
rpunto1 : = -591695.15199157
rduepunti0 : = -1.0134067226373E+25
fil : = 488.43576108817
fipunto1 : = 5.7522329570804E+17
fi_gradi : = 27985.307673613
t1 : = 1.0809511055011E-14
tpunto1 : = 1.0003585247121
tduepunti0 : = 1.5370726808564E+14
v=v_elettrone : = 2742914.9771511
x0= : -3.8126235321195E-13
y0= : -4.6411615329147E-12
*****
i=34688
k(34688)=0.99999804444802
kQ(34688)=0.99999608889987
r1= : 4.6566565337895E-12
rpunto1 : = -592883.69480602
rduepunti0 : = -1.0134345640099E+25
fil : = 488.43582854961
fipunto1 : = 5.752404393431E+17
fi_gradi : = 27985.311538868
t1 : = 1.0809511172332E-14
tpunto1 : = 1.0003585427755
tduepunti0 : = 1.5402121942593E+14
v=v_elettrone : = 2743209.9471277
x0= : -3.809435969199E-13
y0= : -4.6411182203625E-12
```

```
*****
i=34689
k(34689)=0.99999803659942
kQ(34689)=0.9999960732027
r1= : 4.6565870011644E-12
rpunto1 : = -594072.27033952
rduepunti0 : = -1.0134624625622E+25
fil : = 488.43589601306
fipunto1 : = 5.7525761818267E+17
fi_gradi : = 27985.315404239
t1 : = 1.0809511289653E-14
tpunto1 : = 1.0003585608757
tduepunti0 : = 1.543352071402E+14
v=v_elettrone : = 2743505.485957
x0= : -3.806248275013E-13
y0= : -4.6410747477684E-12
*****
i=34690
k(34690)=0.99999802873489
kQ(34690)=0.99999605747366
r1= : 4.6565173291448E-12
rpunto1 : = -595260.87865915
rduepunti0 : = -1.0134904183029E+25
fil : = 488.43596347852
fipunto1 : = 5.7527483223238E+17
fi_gradi : = 27985.319269725
t1 : = 1.0809511406973E-14
tpunto1 : = 1.0003585790128
tduepunti0 : = 1.5464923130503E+14
v=v_elettrone : = 2743801.5957045
x0= : -3.803060449667E-13
y0= : -4.6410311151268E-12
*****
i=34691
k(34691)=0.99999802085442
kQ(34691)=0.99999604171275
r1= : 4.6564475177268E-12
rpunto1 : = -596449.51983198
rduepunti0 : = -1.0135184312403E+25
fil : = 488.436030946
fipunto1 : = 5.7529208149785E+17
fi_gradi : = 27985.323135327
t1 : = 1.0809511524294E-14
tpunto1 : = 1.0003585971867
tduepunti0 : = 1.5496329199701E+14
v=v_elettrone : = 2744098.2762264
x0= : -3.7998724932643E-13
y0= : -4.6409873224321E-12
*****
i=34692
k(34692)=0.999998012958
kQ(34692)=0.99999602591995
r1= : 4.6563775669065E-12
rpunto1 : = -597638.19392511
rduepunti0 : = -1.0135465013832E+25
fil : = 488.4360984155
fipunto1 : = 5.7530936598474E+17
fi_gradi : = 27985.327001045
t1 : = 1.0809511641615E-14
tpunto1 : = 1.0003586153974
tduepunti0 : = 1.5527738929279E+14
v=v_elettrone : = 2744395.5273856
x0= : -3.796684405908E-13
y0= : -4.6409433696786E-12
```

```
*****
i=34693
k(34693)=0.99999800504565
kQ(34693)=0.99999601009528
r1= : 4.65630747668E-12
rpunto1 : = -598826.90100564
rduepunti0 : = -1.01357462874E+25
fil : = 488.43616588703
fipunto1 : = 5.7532668569869E+17
fi_gradi : = 27985.330866879
t1 : = 1.0809511758936E-14
tpunto1 : = 1.000358633645
tduepunti0 : = 1.55591523269E+14
v=v_elettrone : = 2744693.346837
x0= : -3.7934961877012E-13
y0= : -4.6408992568605E-12
*****
i=34694
k(34694)=0.99999799711735
kQ(34694)=0.99999599423872
r1= : 4.6562372470435E-12
rpunto1 : = -600015.64114067
rduepunti0 : = -1.0136028133192E+25
fil : = 488.4362333606
fipunto1 : = 5.7534404064537E+17
fi_gradi : = 27985.334732829
t1 : = 1.0809511876256E-14
tpunto1 : = 1.0003586519294
tduepunti0 : = 1.5590569400233E+14
v=v_elettrone : = 2744991.7366406
x0= : -3.7903078387499E-13
y0= : -4.6408549839724E-12
*****
i=34695
k(34695)=0.99999798917311
kQ(34695)=0.99999597835027
r1= : 4.6561668779931E-12
rpunto1 : = -601204.41439733
rduepunti0 : = -1.0136310551296E+25
fil : = 488.43630083619
fipunto1 : = 5.7536143083046E+17
fi_gradi : = 27985.338598896
t1 : = 1.0809511993577E-14
tpunto1 : = 1.0003586702507
tduepunti0 : = 1.5621990156946E+14
v=v_elettrone : = 2745290.6944576
x0= : -3.7871193591572E-13
y0= : -4.6408105510083E-12
*****
i=34696
k(34696)=0.99999798121293
kQ(34696)=0.99999596242993
r1= : 4.656096369525E-12
rpunto1 : = -602393.22084275
rduepunti0 : = -1.0136593541796E+25
fil : = 488.43636831383
fipunto1 : = 5.7537885625965E+17
fi_gradi : = 27985.34246508
t1 : = 1.0809512110898E-14
tpunto1 : = 1.0003586886088
tduepunti0 : = 1.5653414604713E+14
v=v_elettrone : = 2745590.2223436
x0= : -3.7839307490291E-13
y0= : -4.6407659579628E-12
```

```
*****
i=34697
k(34697)=0.99999797323679
kQ(34697)=0.99999594647769
r1= : 4.6560257216352E-12
rpunto1: = -603582.06054406
rduepunti0 : = -1.013687710478E+25
fil : = 488.43643579351
fipunto1 : = 5.7539631693865E+17
fi_gradi : = 27985.346331381
t1 : = 1.0809512228219E-14
tpunto1 : = 1.0003587070038
tduepunti0 : = 1.5684842751207E+14
v=v_elettrone : = 2745890.3201623
x0= : -3.7807420084689E-13
y0= : -4.6407212048299E-12
*****
i=34698
k(34698)=0.99999796524471
kQ(34698)=0.99999593049355
r1= : 4.6559549343198E-12
rpunto1: = -604770.93356842
rduepunti0 : = -1.0137161240333E+25
fil : = 488.43650327524
fipunto1 : = 5.7541381287316E+17
fi_gradi : = 27985.350197799
t1 : = 1.0809512345539E-14
tpunto1 : = 1.0003587254356
tduepunti0 : = 1.5716274604106E+14
v=v_elettrone : = 2746190.9877665
x0= : -3.7775531375799E-13
y0= : -4.6406762916041E-12
*****
i=34699
k(34699)=0.99999795723667
kQ(34699)=0.99999591447751
r1= : 4.655884007575E-12
rpunto1: = -605959.83998299
rduepunti0 : = -1.0137445948542E+25
fil : = 488.43657075902
fipunto1 : = 5.7543134406891E+17
fi_gradi : = 27985.354064335
t1 : = 1.080951246286E-14
tpunto1 : = 1.0003587439043
tduepunti0 : = 1.5747710171088E+14
v=v_elettrone : = 2746492.2228173
x0= : -3.7743641364656E-13
y0= : -4.6406312182795E-12
*****
i=34700
k(34700)=0.99999794921268
kQ(34700)=0.99999589842956
r1= : 4.6558129413967E-12
rpunto1: = -607148.77985493
rduepunti0 : = -1.0137731229494E+25
fil : = 488.43663824486
fipunto1 : = 5.7544891053165E+17
fi_gradi : = 27985.357930988
t1 : = 1.0809512580181E-14
tpunto1 : = 1.0003587624099
tduepunti0 : = 1.5779149459836E+14
v=v_elettrone : = 2746794.0295715
x0= : -3.7711750052319E-13
y0= : -4.6405859848506E-12
```

```
*****
i=34701
k(34701)=0.99999794117273
kQ(34701)=0.9999958823497
r1= : 4.6557417357812E-12
rpunto1 : = -608337.75325143
rduepunti0 : = -1.0138017083276E+25
fil : = 488.43670573275
fipunto1 : = 5.7546651226712E+17
fi_gradi : = 27985.36179776
t1 : = 1.0809512697502E-14
tpunto1 : = 1.0003587809523
tduepunti0 : = 1.5810592478032E+14
v=v_elettrone : = 2747096.4034867
x0= : -3.7679857439797E-13
y0= : -4.6405405913114E-12
*****
i=34702
k(34702)=0.99999793311683
kQ(34702)=0.99999586623793
r1= : 4.6556703907243E-12
rpunto1 : = -609526.76023968
rduepunti0 : = -1.0138303509976E+25
fil : = 488.43677322271
fipunto1 : = 5.7548414928109E+17
fi_gradi : = 27985.36566465
t1 : = 1.0809512814823E-14
tpunto1 : = 1.0003587995317
tduepunti0 : = 1.5842039233363E+14
v=v_elettrone : = 2747399.3444207
x0= : -3.7647963528151E-13
y0= : -4.6404950376563E-12
*****
i=34703
k(34703)=0.99999792504497
kQ(34703)=0.99999585009424
r1= : 4.6555989062224E-12
rpunto1 : = -610715.80088688
rduepunti0 : = -1.0138590509679E+25
fil : = 488.43684071474
fipunto1 : = 5.7550182157932E+17
fi_gradi : = 27985.369531658
t1 : = 1.0809512932143E-14
tpunto1 : = 1.0003588181479
tduepunti0 : = 1.5873489733518E+14
v=v_elettrone : = 2747702.856629
x0= : -3.7616068318443E-13
y0= : -4.6404493238795E-12
*****
i=34704
k(34704)=0.99999791695715
kQ(34704)=0.99999583391863
r1= : 4.6555272822712E-12
rpunto1 : = -611904.87526024
rduepunti0 : = -1.0138878082475E+25
fil : = 488.43690820884
fipunto1 : = 5.7551952916761E+17
fi_gradi : = 27985.373398786
t1 : = 1.0809513049464E-14
tpunto1 : = 1.000358836801
tduepunti0 : = 1.5904943986188E+14
v=v_elettrone : = 2748006.9355708
x0= : -3.7584171811681E-13
y0= : -4.6404034499752E-12
```



```
*****
i=34705
k(34705)=0.99999790885336
kQ(34705)=0.9999958177111
r1= : 4.655455518867E-12
rpunto1 : = -613093.98342699
rduepunti0 : = -1.0139166228451E+25
fil : = 488.43697570502
fipunto1 : = 5.7553727205176E+17
fi_gradi : = 27985.377266032
t1 : = 1.0809513166785E-14
tpunto1 : = 1.000358855491
tduepunti0 : = 1.5936401999066E+14
v=v_elettrone : = 2748311.5833034
x0= : -3.7552274008929E-13
y0= : -4.6403574159377E-12
*****
i=34706
k(34706)=0.99999790073361
kQ(34706)=0.99999580147163
r1= : 4.6553836160057E-12
rpunto1 : = -614283.12545435
rduepunti0 : = -1.0139454947693E+25
fil : = 488.43704320328
fipunto1 : = 5.7555505023757E+17
fi_gradi : = 27985.381133397
t1 : = 1.0809513284106E-14
tpunto1 : = 1.0003588742179
tduepunti0 : = 1.5967863779847E+14
v=v_elettrone : = 2748616.7996799
x0= : -3.7520374911221E-13
y0= : -4.640311221761E-12
*****
i=34707
k(34707)=0.9999978925979
kQ(34707)=0.99999578520024
r1= : 4.6553115736835E-12
rpunto1 : = -615472.30140957
rduepunti0 : = -1.0139744240292E+25
fil : = 488.43711070362
fipunto1 : = 5.7557286373087E+17
fi_gradi : = 27985.385000882
t1 : = 1.0809513401426E-14
tpunto1 : = 1.0003588929817
tduepunti0 : = 1.5999329336231E+14
v=v_elettrone : = 2748922.5845608
x0= : -3.7488474519595E-13
y0= : -4.6402648674396E-12
*****
i=34708
k(34708)=0.99999788444622
kQ(34708)=0.99999576889691
r1= : 4.6552393918962E-12
rpunto1 : = -616661.5113599
rduepunti0 : = -1.0140034106334E+25
fil : = 488.43717820606
fipunto1 : = 5.7559071253749E+17
fi_gradi : = 27985.388868486
t1 : = 1.0809513518747E-14
tpunto1 : = 1.0003589117824
tduepunti0 : = 1.6030798675917E+14
v=v_elettrone : = 2749228.9356004
x0= : -3.7456572835088E-13
y0= : -4.6402183529675E-12
```

```
*****
i=34709
k(34709)=0.99999787627856
kQ(34709)=0.99999575256164
r1= : 4.6551670706399E-12
rpunto1 : = -617850.7553726
rduepunti0 : = -1.0140324545909E+25
fil : = 488.43724571058
fipunto1 : = 5.7560859666328E+17
fi_gradi : = 27985.392736211
t1 : = 1.0809513636068E-14
tpunto1 : = 1.0003589306201
tduepunti0 : = 1.6062271806608E+14
v=v_elettrone : = 2749535.8570547
x0= : -3.7424669858763E-13
y0= : -4.6401716783389E-12
*****
i=34710
k(34710)=0.99999786809494
kQ(34710)=0.99999573619443
r1= : 4.6550946099106E-12
rpunto1 : = -619040.03351495
rduepunti0 : = -1.0140615559105E+25
fil : = 488.43731321721
fipunto1 : = 5.756265161141E+17
fi_gradi : = 27985.396604056
t1 : = 1.0809513753389E-14
tpunto1 : = 1.0003589494946
tduepunti0 : = 1.6093748736011E+14
v=v_elettrone : = 2749843.3443778
x0= : -3.7392765591631E-13
y0= : -4.6401248435479E-12
*****
i=34711
k(34711)=0.99999785989534
kQ(34711)=0.99999571979527
r1= : 4.6550220097044E-12
rpunto1 : = -620229.34585424
rduepunti0 : = -1.014090714601E+25
fil : = 488.43738072593
fipunto1 : = 5.7564447089582E+17
fi_gradi : = 27985.400472021
t1 : = 1.080951387071E-14
tpunto1 : = 1.000358968406
tduepunti0 : = 1.6125229471832E+14
v=v_elettrone : = 2750151.3996294
x0= : -3.7360860034756E-13
y0= : -4.6400778485889E-12
*****
i=34712
k(34712)=0.99999785167977
kQ(34712)=0.99999570336416
r1= : 4.6549492700171E-12
rpunto1 : = -621418.69245774
rduepunti0 : = -1.0141199306714E+25
fil : = 488.43744823677
fipunto1 : = 5.7566246101431E+17
fi_gradi : = 27985.404340106
t1 : = 1.080951398803E-14
tpunto1 : = 1.0003589873544
tduepunti0 : = 1.6156714021781E+14
v=v_elettrone : = 2750460.0226611
x0= : -3.7328953189177E-13
y0= : -4.6400306934558E-12
```

```
*****
i=34713
k(34713)=0.99999784344822
kQ(34713)=0.9999956869011
r1= : 4.6548763908449E-12
rpunto1 : = -622608.07339278
rduepunti0 : = -1.0141492041305E+25
fil : = 488.43751574971
fipunto1 : = 5.7568048647548E+17
fi_gradi : = 27985.408208313
t1 : = 1.0809514105351E-14
tpunto1 : = 1.0003590063397
tduepunti0 : = 1.6188202393572E+14
v=v_elettrone : = 2750769.2133289
x0= : -3.7297045055933E-13
y0= : -4.6399833781429E-12
*****
i=34714
k(34714)=0.9999978352007
kQ(34714)=0.99999567040608
r1= : 4.6548033721836E-12
rpunto1 : = -623797.48872667
rduepunti0 : = -1.0141785349874E+25
fil : = 488.43758326476
fipunto1 : = 5.7569854728524E+17
fi_gradi : = 27985.412076641
t1 : = 1.0809514222672E-14
tpunto1 : = 1.000359025362
tduepunti0 : = 1.621969459492E+14
v=v_elettrone : = 2751078.9714894
x0= : -3.7265135636062E-13
y0= : -4.6399359026443E-12
*****
i=34715
k(34715)=0.99999782693719
kQ(34715)=0.9999956538791
r1= : 4.6547302140292E-12
rpunto1 : = -624986.93852672
rduepunti0 : = -1.014207923251E+25
fil : = 488.43765078194
fipunto1 : = 5.7571664344949E+17
fi_gradi : = 27985.41594509
t1 : = 1.0809514339993E-14
tpunto1 : = 1.0003590444212
tduepunti0 : = 1.6251190633541E+14
v=v_elettrone : = 2751389.2969945
x0= : -3.7233224930604E-13
y0= : -4.6398882669541E-12
*****
i=34716
k(34716)=0.9999978186577
kQ(34716)=0.99999563732015
r1= : 4.6546569163777E-12
rpunto1 : = -626176.42286029
rduepunti0 : = -1.0142373689301E+25
fil : = 488.43771830123
fipunto1 : = 5.7573477497418E+17
fi_gradi : = 27985.41981366
t1 : = 1.0809514457314E-14
tpunto1 : = 1.0003590635173
tduepunti0 : = 1.6282690517156E+14
v=v_elettrone : = 2751700.1897007
x0= : -3.7201312940597E-13
y0= : -4.6398404710664E-12
```

```
*****
i=34717
k(34717)=0.99999781036222
kQ(34717)=0.99999562072924
r1= : 4.654583479225E-12
rpunto1 : = -627365.9417947
rduepunti0 : = -1.0142668720339E+25
fil : = 488.43778582265
fipunto1 : = 5.7575294186524E+17
fi_gradi : = 27985.423682353
t1 : = 1.0809514574634E-14
tpunto1 : = 1.0003590826504
tduepunti0 : = 1.6314194253488E+14
v=v_elettrone : = 2752011.649462
x0= : -3.7169399667083E-13
y0= : -4.6397925149754E-12
*****
i=34718
k(34718)=0.99999780205076
kQ(34718)=0.99999560410635
r1= : 4.6545099025671E-12
rpunto1 : = -628555.49539733
rduepunti0 : = -1.0142964325714E+25
fil : = 488.43785334621
fipunto1 : = 5.7577114412863E+17
fi_gradi : = 27985.427551167
t1 : = 1.0809514691955E-14
tpunto1 : = 1.0003591018204
tduepunti0 : = 1.6345701850261E+14
v=v_elettrone : = 2752323.6761303
x0= : -3.7137485111102E-13
y0= : -4.6397443986751E-12
*****
i=34719
k(34719)=0.99999779372331
kQ(34719)=0.99999558745149
r1= : 4.6544361863999E-12
rpunto1 : = -629745.08373554
rduepunti0 : = -1.0143260505514E+25
fil : = 488.43792087189
fipunto1 : = 5.7578938177032E+17
fi_gradi : = 27985.431420104
t1 : = 1.0809514809276E-14
tpunto1 : = 1.0003591210274
tduepunti0 : = 1.6377213315202E+14
v=v_elettrone : = 2752636.2673674
x0= : -3.7105569273694E-13
y0= : -4.6396961221596E-12
*****
i=34720
k(34720)=0.99999778537987
kQ(34720)=0.99999557076465
r1= : 4.6543623307194E-12
rpunto1 : = -630934.70687671
rduepunti0 : = -1.0143557259832E+25
fil : = 488.43798839972
fipunto1 : = 5.7580765479629E+17
fi_gradi : = 27985.435289164
t1 : = 1.0809514926597E-14
tpunto1 : = 1.0003591402713
tduepunti0 : = 1.6408728656041E+14
v=v_elettrone : = 2752949.4274185
x0= : -3.7073652155927E-13
y0= : -4.639647685423E-12
```

```

*****
i=34721
k(34721)=0.99999777702044
kQ(34721)=0.99999555404583
r1= : 4.6542883355214E-12
rpunto1 : = -632124.36488823
rduepunti0 : = -1.0143854588757E+25
fil : = 488.43805592969
fipunto1 : = 5.7582596321252E+17
fi_gradi : = 27985.439158346
t1 : = 1.0809515043918E-14
tpunto1 : = 1.0003591595522
tduepunti0 : = 1.644024788051E+14
v=v_elettrone : = 2753263.1539372
x0= : -3.7041733758815E-13
y0= : -4.6395990884594E-12
*****
i=34722
k(34722)=0.99999776864502
kQ(34722)=0.99999553729502
r1= : 4.6542142008018E-12
rpunto1 : = -633314.05783749
rduepunti0 : = -1.0144152492381E+25
fil : = 488.43812346181
fipunto1 : = 5.7584430702503E+17
fi_gradi : = 27985.443027651
t1 : = 1.0809515161238E-14
tpunto1 : = 1.0003591788701
tduepunti0 : = 1.6471770996344E+14
v=v_elettrone : = 2753577.4445837
x0= : -3.7009814083401E-13
y0= : -4.6395503312629E-12
*****
i=34723
k(34723)=0.9999977602536
kQ(34723)=0.99999552051222
r1= : 4.6541399265567E-12
rpunto1 : = -634503.78579191
rduepunti0 : = -1.0144450970794E+25
fil : = 488.43819099607
fipunto1 : = 5.7586268623982E+17
fi_gradi : = 27985.44689708
t1 : = 1.0809515278559E-14
tpunto1 : = 1.000359198225
tduepunti0 : = 1.6503298011281E+14
v=v_elettrone : = 2753892.3036065
x0= : -3.6977893130753E-13
y0= : -4.6395014138274E-12
*****
i=34724
k(34724)=0.99999775184618
kQ(34724)=0.99999550369742
r1= : 4.6540655127818E-12
rpunto1 : = -635693.54881892
rduepunti0 : = -1.0144750024087E+25
fil : = 488.4382585325
fipunto1 : = 5.7588110086293E+17
fi_gradi : = 27985.450766632
t1 : = 1.080951539588E-14
tpunto1 : = 1.0003592176168
tduepunti0 : = 1.6534828933059E+14
v=v_elettrone : = 2754207.7286558
x0= : -3.6945970901887E-13
y0= : -4.6394523361471E-12

```

```
*****
i=34725
k(34725)=0.99999774342277
kQ(34725)=0.99999548685063
r1= : 4.653990959473E-12
rpunto1 : = -636883.34698593
rduepunti0 : = -1.0145049652353E+25
fil : = 488.43832607108
fipunto1 : = 5.7589955090038E+17
fi_gradi : = 27985.454636308
t1 : = 1.0809515513201E-14
tpunto1 : = 1.0003592370456
tduepunti0 : = 1.6566363769421E+14
v=v_elettrone : = 2754523.7195875
x0= : -3.6914047397846E-13
y0= : -4.6394030982159E-12
*****
i=34726
k(34726)=0.99999773498335
kQ(34726)=0.99999546997183
r1= : 4.6539162666262E-12
rpunto1 : = -638073.1803604
rduepunti0 : = -1.0145349855681E+25
fil : = 488.43839361183
fipunto1 : = 5.7591803635825E+17
fi_gradi : = 27985.458506107
t1 : = 1.0809515630522E-14
tpunto1 : = 1.0003592565114
tduepunti0 : = 1.6597902528111E+14
v=v_elettrone : = 2754840.2762556
x0= : -3.6882122619673E-13
y0= : -4.639353700028E-12
*****
i=34727
k(34727)=0.99999772652793
kQ(34727)=0.99999545306103
r1= : 4.6538414342374E-12
rpunto1 : = -639263.04900977
rduepunti0 : = -1.0145650634165E+25
fil : = 488.43846115474
fipunto1 : = 5.7593655724258E+17
fi_gradi : = 27985.462376031
t1 : = 1.0809515747843E-14
tpunto1 : = 1.0003592760142
tduepunti0 : = 1.6629445216877E+14
v=v_elettrone : = 2755157.3985112
x0= : -3.6850196568412E-13
y0= : -4.6393041415772E-12
*****
i=34728
k(34728)=0.99999771805651
kQ(34728)=0.99999543611822
r1= : 4.6537664623023E-12
rpunto1 : = -640452.95300152
rduepunti0 : = -1.0145951987895E+25
fil : = 488.43852869983
fipunto1 : = 5.7595511355946E+17
fi_gradi : = 27985.46624608
t1 : = 1.0809515865163E-14
tpunto1 : = 1.000359295554
tduepunti0 : = 1.6660991843469E+14
v=v_elettrone : = 2755475.0862046
x0= : -3.6818269245106E-13
y0= : -4.6392544228577E-12
```

```
*****
i=34729
k(34729)=0.99999770956908
kQ(34729)=0.9999954191434
r1= : 4.6536913508169E-12
rpunto1 : = -641642.89240311
rduepunti0 : = -1.0146253916964E+25
fil : = 488.43859624709
fipunto1 : = 5.7597370531498E+17
fi_gradi : = 27985.470116253
t1 : = 1.0809515982484E-14
tpunto1 : = 1.0003593151308
tduepunti0 : = 1.6692542415637E+14
v=v_elettrone : = 2755793.3391931
x0= : -3.67863406508E-13
y0= : -4.6392045438633E-12
*****
i=34730
k(34730)=0.99999770106564
kQ(34730)=0.99999540213656
r1= : 4.6536160997768E-12
rpunto1 : = -642832.86728204
rduepunti0 : = -1.0146556421465E+25
fil : = 488.43866379654
fipunto1 : = 5.7599233251523E+17
fi_gradi : = 27985.473986551
t1 : = 1.0809516099805E-14
tpunto1 : = 1.0003593347446
tduepunti0 : = 1.6724096941138E+14
v=v_elettrone : = 2756112.1573224
x0= : -3.6754410786539E-13
y0= : -4.6391545045882E-12
*****
i=34731
k(34731)=0.99999769254619
kQ(34731)=0.9999953850977
r1= : 4.6535407091781E-12
rpunto1 : = -644022.87770579
rduepunti0 : = -1.0146859501489E+25
fil : = 488.43873134816
fipunto1 : = 5.7601099516632E+17
fi_gradi : = 27985.477856974
t1 : = 1.0809516217126E-14
tpunto1 : = 1.0003593543954
tduepunti0 : = 1.6755655427728E+14
v=v_elettrone : = 2756431.5426406
x0= : -3.6722479653367E-13
y0= : -4.6391043050262E-12
*****
i=34732
k(34732)=0.99999768401072
kQ(34732)=0.99999536802681
r1= : 4.6534651790166E-12
rpunto1 : = -645212.92374188
rduepunti0 : = -1.014716315713E+25
fil : = 488.43879890198
fipunto1 : = 5.7602969327439E+17
fi_gradi : = 27985.481727523
t1 : = 1.0809516334447E-14
tpunto1 : = 1.0003593740832
tduepunti0 : = 1.6787217883166E+14
v=v_elettrone : = 2756751.4906139
x0= : -3.6690547252304E-13
y0= : -4.6390539451715E-12
```

```
*****
i=34733
k(34733)=0.99999767545925
kQ(34733)=0.9999953509239
r1= : 4.653389509288E-12
rpunto1 : = -646403.00545783
rduepunti0 : = -1.014746738848E+25
fil : = 488.43886645799
fipunto1 : = 5.7604842684556E+17
fi_gradi : = 27985.485598197
t1 : = 1.0809516451768E-14
tpunto1 : = 1.0003593938081
tduepunti0 : = 1.6818784315216E+14
v=v_elettrone : = 2757072.0054774
x0= : -3.6658613584422E-13
y0= : -4.6390034250178E-12
*****
i=34734
k(34734)=0.99999766689176
kQ(34734)=0.99999533378895
r1= : 4.6533136999881E-12
rpunto1 : = -647593.12292116
rduepunti0 : = -1.0147772195631E+25
fil : = 488.4389340162
fipunto1 : = 5.7606719588599E+17
fi_gradi : = 27985.489468997
t1 : = 1.0809516569088E-14
tpunto1 : = 1.00035941357
tduepunti0 : = 1.6850354731641E+14
v=v_elettrone : = 2757393.084889
x0= : -3.6626678650739E-13
y0= : -4.6389527445591E-12
*****
i=34735
k(34735)=0.99999765830824
kQ(34735)=0.99999531662197
r1= : 4.6532377511128E-12
rpunto1 : = -648783.27619942
rduepunti0 : = -1.0148077578678E+25
fil : = 488.4390015766
fipunto1 : = 5.7608600040183E+17
fi_gradi : = 27985.493339923
t1 : = 1.0809516686409E-14
tpunto1 : = 1.0003594333689
tduepunti0 : = 1.688192914021E+14
v=v_elettrone : = 2757714.7286993
x0= : -3.6594742452304E-13
y0= : -4.6389019037895E-12
*****
i=34736
k(34736)=0.99999764970871
kQ(34736)=0.99999529942295
r1= : 4.653161662658E-12
rpunto1 : = -649973.46536015
rduepunti0 : = -1.0148383537713E+25
fil : = 488.43906913922
fipunto1 : = 5.7610484039927E+17
fi_gradi : = 27985.497210976
t1 : = 1.080951680373E-14
tpunto1 : = 1.0003594532048
tduepunti0 : = 1.6913507548691E+14
v=v_elettrone : = 2758036.9367625
x0= : -3.6562804990162E-13
y0= : -4.6388509027028E-12
```



```
*****
i=34737
k(34737)=0.99999764109316
kQ(34737)=0.99999528219189
r1= : 4.6530854346192E-12
rpunto1 : = -651163.69047092
rduepunti0 : = -1.0148690072831E+25
fil : = 488.43913670404
fipunto1 : = 5.7612371588448E+17
fi_gradi : = 27985.501082155
t1 : = 1.0809516921051E-14
tpunto1 : = 1.0003594730778
tduepunti0 : = 1.6945089964857E+14
v=v_elettrone : = 2758359.7111175
x0= : -3.6530866265361E-13
y0= : -4.638799741293E-12
*****
i=34738
k(34738)=0.99999763246159
kQ(34738)=0.99999526492878
r1= : 4.6530090669925E-12
rpunto1 : = -652353.9515993
rduepunti0 : = -1.0148997184124E+25
fil : = 488.43920427108
fipunto1 : = 5.7614262686367E+17
fi_gradi : = 27985.504953461
t1 : = 1.0809517038372E-14
tpunto1 : = 1.0003594929878
tduepunti0 : = 1.6976676396484E+14
v=v_elettrone : = 2758683.0472324
x0= : -3.6498926278922E-13
y0= : -4.6387484195539E-12
*****
i=34739
k(34739)=0.99999762381398
kQ(34739)=0.99999524763361
r1= : 4.6529325597734E-12
rpunto1 : = -653544.24881288
rduepunti0 : = -1.0149304871687E+25
fil : = 488.43927184033
fipunto1 : = 5.7616157334304E+17
fi_gradi : = 27985.508824894
t1 : = 1.0809517155693E-14
tpunto1 : = 1.0003595129349
tduepunti0 : = 1.7008266851348E+14
v=v_elettrone : = 2759006.9493392
x0= : -3.646698503192E-13
y0= : -4.6386969374796E-12
*****
i=34740
k(34740)=0.99999761515035
kQ(34740)=0.99999523030639
r1= : 4.6528559129579E-12
rpunto1 : = -654734.58217924
rduepunti0 : = -1.0149613135614E+25
fil : = 488.43933941181
fipunto1 : = 5.7618055532882E+17
fi_gradi : = 27985.512696455
t1 : = 1.0809517273013E-14
tpunto1 : = 1.000359532919
tduepunti0 : = 1.703986133723E+14
v=v_elettrone : = 2759331.4150981
x0= : -3.6435042525376E-13
y0= : -4.6386452950638E-12
```

```
*****
i=34741
k(34741)=0.99999760647069
kQ(34741)=0.99999521294712
r1= : 4.6527791265416E-12
rpunto1 : = -655924.95176601
rduepunti0 : = -1.0149921975999E+25
fil : = 488.43940698551
fipunto1 : = 5.7619957282723E+17
fi_gradi : = 27985.516568143
t1 : = 1.0809517390334E-14
tpunto1 : = 1.0003595529402
tduepunti0 : = 1.7071459861912E+14
v=v_elettrone : = 2759656.446548
x0= : -3.6403098760339E-13
y0= : -4.6385934923004E-12
*****
i=34742
k(34742)=0.999997597775
kQ(34742)=0.99999519555578
r1= : 4.6527022005204E-12
rpunto1 : = -657115.35764079
rduepunti0 : = -1.0150231392936E+25
fil : = 488.43947456144
fipunto1 : = 5.7621862584453E+17
fi_gradi : = 27985.520439958
t1 : = 1.0809517507655E-14
tpunto1 : = 1.0003595729985
tduepunti0 : = 1.710306243318E+14
v=v_elettrone : = 2759982.0391554
x0= : -3.6371153737831E-13
y0= : -4.6385415291834E-12
*****
i=34743
k(34743)=0.99999758906328
kQ(34743)=0.99999517813237
r1= : 4.6526251348898E-12
rpunto1 : = -658305.79987121
rduepunti0 : = -1.0150541386521E+25
fil : = 488.43954213961
fipunto1 : = 5.7623771438697E+17
fi_gradi : = 27985.524311902
t1 : = 1.0809517624976E-14
tpunto1 : = 1.0003595930938
tduepunti0 : = 1.713466905882E+14
v=v_elettrone : = 2760308.1971553
x0= : -3.6339207458929E-13
y0= : -4.6384894057066E-12
*****
i=34744
k(34744)=0.99999758033552
kQ(34744)=0.99999516067689
r1= : 4.6525479296458E-12
rpunto1 : = -659496.27852491
rduepunti0 : = -1.0150851956847E+25
fil : = 488.43960972002
fipunto1 : = 5.7625683846083E+17
fi_gradi : = 27985.528183974
t1 : = 1.0809517742297E-14
tpunto1 : = 1.0003596132262
tduepunti0 : = 1.7166279746625E+14
v=v_elettrone : = 2760634.9203946
x0= : -3.6307259924656E-13
y0= : -4.6384371218639E-12
```

```
*****
i=34745
k(34745)=0.99999757159172
kQ(34745)=0.99999514318934
r1= : 4.652470584784E-12
rpunto1 : = -660686.79366954
rduepunti0 : = -1.015116310401E+25
fil : = 488.43967730267
fipunto1 : = 5.7627599807238E+17
fi_gradi : = 27985.532056175
t1 : = 1.0809517859618E-14
tpunto1 : = 1.0003596333956
tduepunti0 : = 1.7197894504386E+14
v=v_elettrone : = 2760962.2043391
x0= : -3.6275311136036E-13
y0= : -4.6383846776491E-12
*****
i=34746
k(34746)=0.99999756283189
kQ(34746)=0.99999512566971
r1= : 4.6523931003002E-12
rpunto1 : = -661877.34537277
rduepunti0 : = -1.0151474828106E+25
fil : = 488.43974488756
fipunto1 : = 5.7629519322793E+17
fi_gradi : = 27985.535928504
t1 : = 1.0809517976939E-14
tpunto1 : = 1.0003596536022
tduepunti0 : = 1.7229513339899E+14
v=v_elettrone : = 2761290.053223
x0= : -3.6243361094146E-13
y0= : -4.6383320730561E-12
*****
i=34747
k(34747)=0.99999755405601
kQ(34747)=0.999995108118
r1= : 4.6523154761899E-12
rpunto1 : = -663067.93370227
rduepunti0 : = -1.0151787129229E+25
fil : = 488.43981247471
fipunto1 : = 5.7631442393377E+17
fi_gradi : = 27985.539800962
t1 : = 1.080951809426E-14
tpunto1 : = 1.0003596738458
tduepunti0 : = 1.7261136260963E+14
v=v_elettrone : = 2761618.4646995
x0= : -3.6211409800009E-13
y0= : -4.6382793080786E-12
*****
i=34748
k(34748)=0.99999754526409
kQ(34748)=0.9999950905342
r1= : 4.6522377124491E-12
rpunto1 : = -664258.55872572
rduepunti0 : = -1.0152100007475E+25
fil : = 488.43988006411
fipunto1 : = 5.7633369019624E+17
fi_gradi : = 27985.54367355
t1 : = 1.080951821158E-14
tpunto1 : = 1.0003596941265
tduepunti0 : = 1.7292763275378E+14
v=v_elettrone : = 2761947.4408102
x0= : -3.6179457254679E-13
y0= : -4.6382263827105E-12
```

```
*****
i=34749
k(34749)=0.99999753645612
kQ(34749)=0.99999507291831
r1= : 4.6521598090733E-12
rpunto1 : = -665449.22051082
rduepunti0 : = -1.0152413462939E+25
fil : = 488.43994765577
fipunto1 : = 5.7635299202165E+17
fi_gradi : = 27985.547546267
t1 : = 1.0809518328901E-14
tpunto1 : = 1.0003597144444
tduepunti0 : = 1.7324394390947E+14
v=v_elettrone : = 2762276.9792113
x0= : -3.6147503459179E-13
y0= : -4.6381732969457E-12
*****
i=34750
k(34750)=0.99999752763211
kQ(34750)=0.99999505527033
r1= : 4.6520817660582E-12
rpunto1 : = -666639.91912527
rduepunti0 : = -1.0152727495719E+25
fil : = 488.4400152497
fipunto1 : = 5.7637232941636E+17
fi_gradi : = 27985.551419113
t1 : = 1.0809518446222E-14
tpunto1 : = 1.0003597347993
tduepunti0 : = 1.7356029615476E+14
v=v_elettrone : = 2762607.0797523
x0= : -3.6115548414563E-13
y0= : -4.6381200507779E-12
*****
i=34751
k(34751)=0.99999751879205
kQ(34751)=0.99999503759025
r1= : 4.6520035833996E-12
rpunto1 : = -667830.65463679
rduepunti0 : = -1.0153042105909E+25
fil : = 488.44008284589
fipunto1 : = 5.7639170238672E+17
fi_gradi : = 27985.55529209
t1 : = 1.0809518563543E-14
tpunto1 : = 1.0003597551913
tduepunti0 : = 1.7387668956774E+14
v=v_elettrone : = 2762937.7444692
x0= : -3.6083592121882E-13
y0= : -4.638066644201E-12
*****
i=34752
k(34752)=0.99999750993593
kQ(34752)=0.99999501987807
r1= : 4.6519252610931E-12
rpunto1 : = -669021.42711312
rduepunti0 : = -1.0153357293606E+25
fil : = 488.44015044436
fipunto1 : = 5.7641111093909E+17
fi_gradi : = 27985.559165197
t1 : = 1.0809518680864E-14
tpunto1 : = 1.0003597756205
tduepunti0 : = 1.7419312422653E+14
v=v_elettrone : = 2763268.9710225
x0= : -3.6051634582163E-13
y0= : -4.6380130772086E-12
```

```
*****
i=34753
k(34753)=0.99999750106377
kQ(34753)=0.99999500213378
r1= : 4.6518467991343E-12
rpunto1 : = -670212.23662198
rduepunti0 : = -1.0153673058907E+25
fil : = 488.4402180451
fipunto1 : = 5.7643055507987E+17
fi_gradi : = 27985.563038434
t1 : = 1.0809518798185E-14
tpunto1 : = 1.0003597960867
tduepunti0 : = 1.7450960020926E+14
v=v_elettrone : = 2763600.7592572
x0= : -3.6019675796459E-13
y0= : -4.6379593497946E-12
*****
i=34754
k(34754)=0.99999749217555
kQ(34754)=0.99999498435738
r1= : 4.6517681975189E-12
rpunto1 : = -671403.08323114
rduepunti0 : = -1.0153989401908E+25
fil : = 488.44028564812
fipunto1 : = 5.7645003481544E+17
fi_gradi : = 27985.566911802
t1 : = 1.0809518915506E-14
tpunto1 : = 1.0003598165901
tduepunti0 : = 1.7482611759409E+14
v=v_elettrone : = 2763933.1112106
x0= : -3.5987715765825E-13
y0= : -4.6379054619528E-12
*****
i=34755
k(34755)=0.99999748327127
kQ(34755)=0.99999496654887
r1= : 4.6516894562426E-12
rpunto1 : = -672593.96700836
rduepunti0 : = -1.0154306322706E+25
fil : = 488.44035325343
fipunto1 : = 5.764695501522E+17
fi_gradi : = 27985.570785301
t1 : = 1.0809519032827E-14
tpunto1 : = 1.0003598371306
tduepunti0 : = 1.7514267645923E+14
v=v_elettrone : = 2764266.0267258
x0= : -3.5955754491286E-13
y0= : -4.6378514136769E-12
*****
i=34756
k(34756)=0.99999747435093
kQ(34756)=0.99999494870824
r1= : 4.651610575301E-12
rpunto1 : = -673784.88802141
rduepunti0 : = -1.0154623821398E+25
fil : = 488.44042086103
fipunto1 : = 5.7648910109658E+17
fi_gradi : = 27985.574658931
t1 : = 1.0809519150148E-14
tpunto1 : = 1.0003598577082
tduepunti0 : = 1.7545927688287E+14
v=v_elettrone : = 2764599.5034679
x0= : -3.5923791973872E-13
y0= : -4.6377972049606E-12
```

```
*****
i=34757
k(34757)=0.99999746541453
kQ(34757)=0.99999493083549
r1= : 4.6515315546898E-12
rpunto1 : = -674975.84633807
rduepunti0 : = -1.0154941898082E+25
fil : = 488.44048847092
fipunto1 : = 5.7650868765501E+17
fi_gradi : = 27985.578532692
t1 : = 1.0809519267468E-14
tpunto1 : = 1.000359878323
tduepunti0 : = 1.7577591894328E+14
v=v_elettrone : = 2764933.5412799
x0= : -3.5891828214638E-13
y0= : -4.6377428357977E-12
*****
i=34758
k(34758)=0.99999745646207
kQ(34758)=0.99999491293062
r1= : 4.6514523944045E-12
rpunto1 : = -676166.84202615
rduepunti0 : = -1.0155260552854E+25
fil : = 488.4405560831
fipunto1 : = 5.7652830983392E+17
fi_gradi : = 27985.582406585
t1 : = 1.0809519384789E-14
tpunto1 : = 1.0003598989749
tduepunti0 : = 1.7609260271872E+14
v=v_elettrone : = 2765268.1421949
x0= : -3.5859863214638E-13
y0= : -4.637688306182E-12
*****
i=34759
k(34759)=0.99999744749355
kQ(34759)=0.99999489499361
r1= : 4.6513730944408E-12
rpunto1 : = -677357.87515346
rduepunti0 : = -1.0155579785812E+25
fil : = 488.44062369759
fipunto1 : = 5.7654796763977E+17
fi_gradi : = 27985.586280609
t1 : = 1.080951950211E-14
tpunto1 : = 1.000359919664
tduepunti0 : = 1.7640932828749E+14
v=v_elettrone : = 2765603.3038735
x0= : -3.5827896974902E-13
y0= : -4.6376336161071E-12
*****
i=34760
k(34760)=0.99999743850896
kQ(34760)=0.99999487702447
r1= : 4.6512936547942E-12
rpunto1 : = -678548.94578781
rduepunti0 : = -1.0155899597054E+25
fil : = 488.44069131438
fipunto1 : = 5.7656766107902E+17
fi_gradi : = 27985.590154766
t1 : = 1.0809519619431E-14
tpunto1 : = 1.0003599403902
tduepunti0 : = 1.7672609572792E+14
v=v_elettrone : = 2765939.0283487
x0= : -3.5795929496485E-13
y0= : -4.6375787655668E-12
```

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*****
i=34761
k(34761)=0.99999742950829
kQ(34761)=0.99999485902319
r1= : 4.6512140754605E-12
rpunto1 : = -679740.05399704
rduepunti0 : = -1.0156219986679E+25
fil : = 488.44075893348
fipunto1 : = 5.7658739015817E+17
fi_gradi : = 27985.594029055
t1 : = 1.0809519736752E-14
tpunto1 : = 1.0003599611535
tduepunti0 : = 1.7704290511835E+14
v=v_elettrone : = 2766275.3132777
x0= : -3.5763960780418E-13
y0= : -4.6375237545547E-12
*****
i=34762
k(34762)=0.99999742049156
kQ(34762)=0.99999484098978
r1= : 4.6511343564352E-12
rpunto1 : = -680931.19984898
rduepunti0 : = -1.0156540954783E+25
fil : = 488.4408265549
fipunto1 : = 5.7660715488369E+17
fi_gradi : = 27985.597903477
t1 : = 1.0809519854073E-14
tpunto1 : = 1.0003599819541
tduepunti0 : = 1.7735975653716E+14
v=v_elettrone : = 2766612.1606973
x0= : -3.5731990827757E-13
y0= : -4.6374685830645E-12
*****
i=34763
k(34763)=0.99999741145876
kQ(34763)=0.99999482292421
r1= : 4.6510544977138E-12
rpunto1 : = -682122.38341151
rduepunti0 : = -1.0156862501466E+25
fil : = 488.44089417863
fipunto1 : = 5.7662695526208E+17
fi_gradi : = 27985.601778032
t1 : = 1.0809519971394E-14
tpunto1 : = 1.0003600027917
tduepunti0 : = 1.7767665006276E+14
v=v_elettrone : = 2766949.5682607
x0= : -3.5700019639534E-13
y0= : -4.63741325109E-12
*****
i=34764
k(34764)=0.99999740240987
kQ(34764)=0.9999948048265
r1= : 4.650974499292E-12
rpunto1 : = -683313.60475247
rduepunti0 : = -1.0157184626826E+25
fil : = 488.44096180469
fipunto1 : = 5.7664679129988E+17
fi_gradi : = 27985.605652719
t1 : = 1.0809520088715E-14
tpunto1 : = 1.0003600236666
tduepunti0 : = 1.7799358577358E+14
v=v_elettrone : = 2767287.5380036
x0= : -3.5668047216805E-13
y0= : -4.6373577586248E-12
```

```
*****
i=34765
k(34765)=0.99999739334492
kQ(34765)=0.99999478669663
r1= : 4.6508943611653E-12
rpunto1 : = -684504.86393975
rduepunti0 : = -1.0157507330962E+25
fil : = 488.44102943307
fipunto1 : = 5.766666630036E+17
fi_gradi : = 27985.60952754
t1 : = 1.0809520206036E-14
tpunto1 : = 1.0003600445786
tduepunti0 : = 1.7831056374808E+14
v=v_elettrone : = 2767626.0697698
x0= : -3.5636073560602E-13
y0= : -4.6373021056626E-12
*****
i=34766
k(34766)=0.99999738426388
kQ(34766)=0.9999947685346
r1= : 4.6508140833293E-12
rpunto1 : = -685696.16104124
rduepunti0 : = -1.0157830613972E+25
fil : = 488.44109706378
fipunto1 : = 5.7668657037978E+17
fi_gradi : = 27985.613402495
t1 : = 1.0809520323357E-14
tpunto1 : = 1.0003600655278
tduepunti0 : = 1.7862758406475E+14
v=v_elettrone : = 2767965.1612178
x0= : -3.5604098671957E-13
y0= : -4.637246292197E-12
*****
i=34767
k(34767)=0.99999737516676
kQ(34767)=0.99999475034041
r1= : 4.6507336657795E-12
rpunto1 : = -686887.49612484
rduepunti0 : = -1.0158154475955E+25
fil : = 488.44116469683
fipunto1 : = 5.7670651343497E+17
fi_gradi : = 27985.617277583
t1 : = 1.0809520440678E-14
tpunto1 : = 1.0003600865142
tduepunti0 : = 1.7894464680209E+14
v=v_elettrone : = 2768304.8121946
x0= : -3.557212255193E-13
y0= : -4.6371903182217E-12
*****
i=34768
k(34768)=0.99999736605356
kQ(34768)=0.99999473211406
r1= : 4.6506531085115E-12
rpunto1 : = -688078.86925847
rduepunti0 : = -1.0158478917011E+25
fil : = 488.44123233222
fipunto1 : = 5.7672649217575E+17
fi_gradi : = 27985.621152805
t1 : = 1.0809520557998E-14
tpunto1 : = 1.0003601075378
tduepunti0 : = 1.7926175203865E+14
v=v_elettrone : = 2768645.0269132
x0= : -3.5540145201578E-13
y0= : -4.6371341837303E-12
```



```
*****
i=34769
k(34769)=0.99999735692428
kQ(34769)=0.99999471385554
r1= : 4.6505724115208E-12
rpunto1 : = -689270.28051004
rduepunti0 : = -1.015880393724E+25
fil : = 488.44129996995
fipunto1 : = 5.7674650660869E+17
fi_gradi : = 27985.625028161
t1 : = 1.0809520675319E-14
tpunto1 : = 1.0003601285986
tduepunti0 : = 1.7957889985299E+14
v=v_elettrone : = 2768985.7986621
x0= : -3.5508166621908E-13
y0= : -4.6370778887164E-12
*****
i=34770
k(34770)=0.9999973477789
kQ(34770)=0.99999469556484
r1= : 4.6504915748029E-12
rpunto1 : = -690461.7299475
rduepunti0 : = -1.015912953674E+25
fil : = 488.44136761002
fipunto1 : = 5.7676655674037E+17
fi_gradi : = 27985.628903652
t1 : = 1.080952079264E-14
tpunto1 : = 1.0003601496966
tduepunti0 : = 1.7989609032372E+14
v=v_elettrone : = 2769327.1338431
x0= : -3.5476186814008E-13
y0= : -4.6370214331737E-12
*****
i=34771
k(34771)=0.99999733861744
kQ(34771)=0.99999467724196
r1= : 4.6504105983534E-12
rpunto1 : = -691653.21763879
rduepunti0 : = -1.0159455715612E+25
fil : = 488.44143525245
fipunto1 : = 5.767866425774E+17
fi_gradi : = 27985.632779278
t1 : = 1.0809520909961E-14
tpunto1 : = 1.0003601708318
tduepunti0 : = 1.8021332352945E+14
v=v_elettrone : = 2769669.0279292
x0= : -3.5444205778884E-13
y0= : -4.6369648170957E-12
*****
i=34772
k(34772)=0.99999732943989
kQ(34772)=0.9999946588869
r1= : 4.6503294821678E-12
rpunto1 : = -692844.74365187
rduepunti0 : = -1.0159782473956E+25
fil : = 488.44150289723
fipunto1 : = 5.768067641264E+17
fi_gradi : = 27985.636655038
t1 : = 1.0809521027282E-14
tpunto1 : = 1.0003601920041
tduepunti0 : = 1.8053059954882E+14
v=v_elettrone : = 2770011.4829469
x0= : -3.5412223517598E-13
y0= : -4.6369080404761E-12
```

```
*****
i=34773
k(34773)=0.99999732024624
kQ(34773)=0.99999464049966
r1= : 4.6502482262416E-12
rpunto1 : = -694036.30805471
rduepunti0 : = -1.0160109811872E+25
fil : = 488.44157054438
fipunto1 : = 5.7682692139398E+17
fi_gradi : = 27985.640530934
t1 : = 1.0809521144603E-14
tpunto1 : = 1.0003602132138
tduepunti0 : = 1.8084791846052E+14
v=v_elettrone : = 2770354.4987437
x0= : -3.5380240031183E-13
y0= : -4.6368511033085E-12
*****
i=34774
k(34774)=0.9999973110365
kQ(34774)=0.99999462208022
r1= : 4.6501668305703E-12
rpunto1 : = -695227.9109153
rduepunti0 : = -1.0160437729459E+25
fil : = 488.44163819389
fipunto1 : = 5.768471143868E+17
fi_gradi : = 27985.644406966
t1 : = 1.0809521261924E-14
tpunto1 : = 1.0003602344606
tduepunti0 : = 1.8116528034326E+14
v=v_elettrone : = 2770698.0729748
x0= : -3.5348255320676E-13
y0= : -4.6367940055864E-12
*****
i=34775
k(34775)=0.99999730181066
kQ(34775)=0.99999460362859
r1= : 4.6500852951493E-12
rpunto1 : = -696419.55230163
rduepunti0 : = -1.016076622682E+25
fil : = 488.44170584576
fipunto1 : = 5.7686734311149E+17
fi_gradi : = 27985.648283133
t1 : = 1.0809521379245E-14
tpunto1 : = 1.0003602557446
tduepunti0 : = 1.8148268527575E+14
v=v_elettrone : = 2771042.2076708
x0= : -3.5316269387137E-13
y0= : -4.6367367473034E-12
*****
i=34776
k(34776)=0.99999729256872
kQ(34776)=0.99999458514477
r1= : 4.6500036199742E-12
rpunto1 : = -697611.23228171
rduepunti0 : = -1.0161095304054E+25
fil : = 488.44177350001
fipunto1 : = 5.7688760757473E+17
fi_gradi : = 27985.652159435
t1 : = 1.0809521496566E-14
tpunto1 : = 1.0003602770659
tduepunti0 : = 1.8180013333677E+14
v=v_elettrone : = 2771386.9004934
x0= : -3.5284282231604E-13
y0= : -4.6366793284531E-12
```

```
*****
i=34777
k(34777)=0.99999728331068
kQ(34777)=0.99999456662873
r1= : 4.6499218050404E-12
rpunto1: = -698802.95092355
rduepunti0 : = -1.0161424961262E+25
fil : = 488.44184115663
fipunto1 : = 5.7690790778319E+17
fi_gradi : = 27985.656035875
t1 : = 1.0809521613887E-14
tpunto1 : = 1.0003602984244
tduepunti0 : = 1.8211762460509E+14
v=v_elettrone : = 2771732.1556434
x0= : -3.5252293855138E-13
y0= : -4.636621749029E-12
*****
i=34778
k(34778)=0.99999727403653
kQ(34778)=0.9999945480805
r1= : 4.6498398503435E-12
rpunto1: = -699994.70829519
rduepunti0 : = -1.0161755198546E+25
fil : = 488.44190881564
fipunto1 : = 5.7692824374356E+17
fi_gradi : = 27985.65991245
t1 : = 1.0809521731208E-14
tpunto1 : = 1.0003603198202
tduepunti0 : = 1.8243515915954E+14
v=v_elettrone : = 2772077.9686047
x0= : -3.5220304258751E-13
y0= : -4.6365640090246E-12
*****
i=34779
k(34779)=0.99999726474628
kQ(34779)=0.99999452950005
r1= : 4.6497577558787E-12
rpunto1: = -701186.50446468
rduepunti0 : = -1.0162086016006E+25
fil : = 488.44197647703
fipunto1 : = 5.7694861546253E+17
fi_gradi : = 27985.663789162
t1 : = 1.0809521848529E-14
tpunto1 : = 1.0003603412532
tduepunti0 : = 1.8275273707895E+14
v=v_elettrone : = 2772424.3414027
x0= : -3.5188313443505E-13
y0= : -4.6365061084336E-12
*****
i=34780
k(34780)=0.99999725543993
kQ(34780)=0.99999451088738
r1= : 4.6496755216417E-12
rpunto1: = -702378.33950005
rduepunti0 : = -1.0162417413745E+25
fil : = 488.44204414081
fipunto1 : = 5.7696902294683E+17
fi_gradi : = 27985.667666011
t1 : = 1.080952196585E-14
tpunto1 : = 1.0003603627234
tduepunti0 : = 1.8307035844219E+14
v=v_elettrone : = 2772771.2738745
x0= : -3.5156321410438E-13
y0= : -4.6364480472494E-12
```

```
*****
i=34781
k(34781)=0.99999724611746
kQ(34781)=0.9999944922425
r1= : 4.6495931476278E-12
rpunto1 : = -703570.21346939
rduepunti0 : = -1.0162749391864E+25
fil : = 488.44211180698
fipunto1 : = 5.7698946620318E+17
fi_gradi : = 27985.671542997
t1 : = 1.0809522083171E-14
tpunto1 : = 1.000360384231
tduepunti0 : = 1.8338802332817E+14
v=v_elettrone : = 2773118.7636865
x0= : -3.5124328160589E-13
y0= : -4.6363898254656E-12
*****
i=34782
k(34782)=0.99999723677888
kQ(34782)=0.99999447356539
r1= : 4.6495106338325E-12
rpunto1 : = -704762.12644076
rduepunti0 : = -1.0163081950465E+25
fil : = 488.44217947555
fipunto1 : = 5.7700994523831E+17
fi_gradi : = 27985.675420121
t1 : = 1.0809522200492E-14
tpunto1 : = 1.0003604057757
tduepunti0 : = 1.837057318158E+14
v=v_elettrone : = 2773466.8128612
x0= : -3.5092333695022E-13
y0= : -4.6363314430756E-12
*****
i=34783
k(34783)=0.99999722742418
kQ(34783)=0.99999445485606
r1= : 4.6494279802512E-12
rpunto1 : = -705954.07848226
rduepunti0 : = -1.0163415089649E+25
fil : = 488.44224714653
fipunto1 : = 5.7703046005897E+17
fi_gradi : = 27985.679297382
t1 : = 1.0809522317813E-14
tpunto1 : = 1.0003604273578
tduepunti0 : = 1.8402348398404E+14
v=v_elettrone : = 2773815.4234156
x0= : -3.5060338014775E-13
y0= : -4.6362729000729E-12
*****
i=34784
k(34784)=0.99999721805337
kQ(34784)=0.99999443611449
r1= : 4.6493451868794E-12
rpunto1 : = -707146.06966199
rduepunti0 : = -1.0163748809519E+25
fil : = 488.4423148199
fipunto1 : = 5.7705101067194E+17
fi_gradi : = 27985.683174781
t1 : = 1.0809522435134E-14
tpunto1 : = 1.0003604489771
tduepunti0 : = 1.8434127991187E+14
v=v_elettrone : = 2774164.5908354
x0= : -3.5028341120862E-13
y0= : -4.6362141964511E-12
```

```
*****
i=34785
k(34785)=0.99999720866645
kQ(34785)=0.99999441734069
r1= : 4.6492622537123E-12
rpunto1: = -708338.10004807
rduepunti0 : = -1.0164083110178E+25
fil : = 488.44238249569
fipunto1 : = 5.7707159708397E+17
fi_gradi : = 27985.687052318
t1 : = 1.0809522552455E-14
tpunto1 : = 1.0003604706336
tduepunti0 : = 1.846591196783E+14
v=v_elettrone : = 2774514.3149624
x0= : -3.4996343014349E-13
y0= : -4.6361553322037E-12
*****
i=34786
k(34786)=0.9999971992634
kQ(34786)=0.99999439853464
r1= : 4.6491791807455E-12
rpunto1: = -709530.16970862
rduepunti0 : = -1.0164417991728E+25
fil : = 488.4424501739
fipunto1 : = 5.7709221930187E+17
fi_gradi : = 27985.690929993
t1 : = 1.0809522669775E-14
tpunto1 : = 1.0003604923275
tduepunti0 : = 1.8497700336237E+14
v=v_elettrone : = 2774864.599996
x0= : -3.4964343696302E-13
y0= : -4.6360963073239E-12
*****
i=34787
k(34787)=0.99999718984423
kQ(34787)=0.99999437969635
r1= : 4.6490959679743E-12
rpunto1: = -710722.27871177
rduepunti0 : = -1.0164753454271E+25
fil : = 488.44251785452
fipunto1 : = 5.7711287733243E+17
fi_gradi : = 27985.694807807
t1 : = 1.0809522787096E-14
tpunto1 : = 1.0003605140586
tduepunti0 : = 1.8529493104314E+14
v=v_elettrone : = 2775215.4414218
x0= : -3.4932343167735E-13
y0= : -4.6360371218055E-12
*****
i=34788
k(34788)=0.99999718040893
kQ(34788)=0.99999436082582
r1= : 4.6490126153941E-12
rpunto1: = -711914.42712569
rduepunti0 : = -1.0165089497912E+25
fil : = 488.44258553756
fipunto1 : = 5.7713357118247E+17
fi_gradi : = 27985.69868576
t1 : = 1.0809522904417E-14
tpunto1 : = 1.0003605358271
tduepunti0 : = 1.8561290279971E+14
v=v_elettrone : = 2775566.8434324
x0= : -3.4900341429716E-13
y0= : -4.6359777756417E-12
```

```
*****
i=34789
k(34789)=0.99999717095751
kQ(34789)=0.99999434192303
r1= : 4.6489291230004E-12
rpunto1 : = -713106.61501853
rduepunti0 : = -1.0165426122752E+25
fil : = 488.44265322303
fipunto1 : = 5.771543008588E+17
fi_gradi : = 27985.702563852
t1 : = 1.0809523021738E-14
tpunto1 : = 1.0003605576328
tduepunti0 : = 1.859309187112E+14
v=v_elettrone : = 2775918.8015183
x0= : -3.4868338483259E-13
y0= : -4.6359182688261E-12
*****
i=34790
k(34790)=0.99999716148996
kQ(34790)=0.99999432298798
r1= : 4.6488454907884E-12
rpunto1 : = -714298.84245846
rduepunti0 : = -1.0165763328896E+25
fil : = 488.44272091093
fipunto1 : = 5.7717506636826E+17
fi_gradi : = 27985.706442083
t1 : = 1.0809523139059E-14
tpunto1 : = 1.0003605794759
tduepunti0 : = 1.8624897885676E+14
v=v_elettrone : = 2776271.3176922
x0= : -3.4836334329433E-13
y0= : -4.6358586013521E-12
*****
i=34791
k(34791)=0.99999715200628
kQ(34791)=0.99999430402067
r1= : 4.6487617187535E-12
rpunto1 : = -715491.10951367
rduepunti0 : = -1.0166101116446E+25
fil : = 488.44278860127
fipunto1 : = 5.7719586771771E+17
fi_gradi : = 27985.710320454
t1 : = 1.080952325638E-14
tpunto1 : = 1.0003606013562
tduepunti0 : = 1.8656708331557E+14
v=v_elettrone : = 2776624.3939776
x0= : -3.4804328969279E-13
y0= : -4.635798773213E-12
*****
i=34792
k(34792)=0.99999714250647
kQ(34792)=0.9999942850211
r1= : 4.648677806891E-12
rpunto1 : = -716683.41625237
rduepunti0 : = -1.0166439485508E+25
fil : = 488.44285629405
fipunto1 : = 5.7721670491401E+17
fi_gradi : = 27985.714198964
t1 : = 1.0809523373701E-14
tpunto1 : = 1.0003606232739
tduepunti0 : = 1.8688523216683E+14
v=v_elettrone : = 2776978.0258558
x0= : -3.4772322403814E-13
y0= : -4.6357387844023E-12
```

```
*****
i=34793
k(34793)=0.99999713299052
kQ(34793)=0.99999426598925
r1= : 4.6485937551965E-12
rpunto1 : = -717875.76274276
rduepunti0 : = -1.0166778436183E+25
fil : = 488.44292398927
fipunto1 : = 5.7723757796403E+17
fi_gradi : = 27985.718077614
t1 : = 1.0809523491022E-14
tpunto1 : = 1.0003606452288
tduepunti0 : = 1.8720342548978E+14
v=v_elettrone : = 2777332.2153453
x0= : -3.4740314634107E-13
y0= : -4.6356786349135E-12
*****
i=34794
k(34794)=0.99999712345843
kQ(34794)=0.99999424692514
r1= : 4.648509563665E-12
rpunto1 : = -719068.14905306
rduepunti0 : = -1.0167117968577E+25
fil : = 488.44299168694
fipunto1 : = 5.7725848687466E+17
fi_gradi : = 27985.721956405
t1 : = 1.0809523608343E-14
tpunto1 : = 1.0003606672211
tduepunti0 : = 1.8752166336369E+14
v=v_elettrone : = 2777686.9622921
x0= : -3.4708305661202E-13
y0= : -4.6356183247399E-12
*****
i=34795
k(34795)=0.9999971139102
kQ(34795)=0.99999422782874
r1= : 4.6484252322921E-12
rpunto1 : = -720260.57525152
rduepunti0 : = -1.0167458082794E+25
fil : = 488.44305938706
fipunto1 : = 5.772794316528E+17
fi_gradi : = 27985.725835336
t1 : = 1.0809523725664E-14
tpunto1 : = 1.0003606892507
tduepunti0 : = 1.8783994586784E+14
v=v_elettrone : = 2778042.2665237
x0= : -3.4676295486142E-13
y0= : -4.6355578538749E-12
*****
i=34796
k(34796)=0.99999710434584
kQ(34796)=0.99999420870006
r1= : 4.648340761073E-12
rpunto1 : = -721453.04140637
rduepunti0 : = -1.0167798778938E+25
fil : = 488.44312708964
fipunto1 : = 5.7730041230535E+17
fi_gradi : = 27985.729714408
t1 : = 1.0809523842985E-14
tpunto1 : = 1.0003607113177
tduepunti0 : = 1.8815827308157E+14
v=v_elettrone : = 2778398.1278905
x0= : -3.4644284109972E-13
y0= : -4.6354972223118E-12
```

```
*****
i=34797
k(34797)=0.99999709476533
kQ(34797)=0.99999418953909
r1= : 4.648256150003E-12
rpunto1: = -722645.54758588
rduepunti0 : = -1.0168140057114E+25
fil : = 488.44319479468
fipunto1 : = 5.7732142883925E+17
fi_gradi : = 27985.733593621
t1 : = 1.0809523960306E-14
tpunto1 : = 1.000360733422
tduepunti0 : = 1.8847664508421E+14
v=v_elettrone : = 2778754.5462284
x0= : -3.4612271533737E-13
y0= : -4.6354364300441E-12
*****
i=34798
k(34798)=0.99999708516867
kQ(34798)=0.99999417034584
r1= : 4.6481713990774E-12
rpunto1: = -723838.09385832
rduepunti0 : = -1.0168481917427E+25
fil : = 488.44326250218
fipunto1 : = 5.7734248126144E+17
fi_gradi : = 27985.737472975
t1 : = 1.0809524077627E-14
tpunto1 : = 1.0003607555636
tduepunti0 : = 1.8879506195515E+14
v=v_elettrone : = 2779111.5213772
x0= : -3.4580257758481E-13
y0= : -4.6353754770651E-12
*****
i=34799
k(34799)=0.99999707555587
kQ(34799)=0.99999415112028
r1= : 4.6480865082916E-12
rpunto1: = -725030.68029198
rduepunti0 : = -1.0168824359982E+25
fil : = 488.44333021215
fipunto1 : = 5.7736356957885E+17
fi_gradi : = 27985.741352471
t1 : = 1.0809524194948E-14
tpunto1 : = 1.0003607777426
tduepunti0 : = 1.8911352377379E+14
v=v_elettrone : = 2779469.0531719
x0= : -3.4548242785249E-13
y0= : -4.6353143633681E-12
*****
i=34800
k(34800)=0.99999706592691
kQ(34800)=0.99999413186243
r1= : 4.6480014776408E-12
rpunto1: = -726223.30695515
rduepunti0 : = -1.0169167384884E+25
fil : = 488.4433979246
fipunto1 : = 5.7738469379846E+17
fi_gradi : = 27985.745232108
t1 : = 1.0809524312269E-14
tpunto1 : = 1.000360799959
tduepunti0 : = 1.8943203061958E+14
v=v_elettrone : = 2779827.1414582
x0= : -3.4516226615089E-13
y0= : -4.6352530889465E-12
```



```
*****
i=34801
k(34801)=0.9999970562818
kQ(34801)=0.99999411257227
r1= : 4.6479163071203E-12
rpunto1 : = -727415.97391615
rduepunti0 : = -1.0169510992238E+25
fil : = 488.44346563952
fipunto1 : = 5.7740585392723E+17
fi_gradi : = 27985.749111888
t1 : = 1.080952442959E-14
tpunto1 : = 1.0003608222127
tduepunti0 : = 1.8975058257197E+14
v=v_elettrone : = 2780185.7882475
x0= : -3.4484209249046E-13
y0= : -4.6351916537936E-12
*****
i=34802
k(34802)=0.99999704662054
kQ(34802)=0.99999409324981
r1= : 4.6478309967253E-12
rpunto1 : = -728608.68124328
rduepunti0 : = -1.0169855182151E+25
fil : = 488.44353335692
fipunto1 : = 5.7742704997216E+17
fi_gradi : = 27985.752991809
t1 : = 1.0809524546911E-14
tpunto1 : = 1.0003608445037
tduepunti0 : = 1.9006917971047E+14
v=v_elettrone : = 2780544.9890234
x0= : -3.4452190688141E-13
y0= : -4.6351300579027E-12
*****
i=34803
k(34803)=0.99999703694313
kQ(34803)=0.99999407389503
r1= : 4.6477455464512E-12
rpunto1 : = -729801.42900489
rduepunti0 : = -1.0170199954727E+25
fil : = 488.44360107681
fipunto1 : = 5.7744828194024E+17
fi_gradi : = 27985.756871873
t1 : = 1.0809524664232E-14
tpunto1 : = 1.0003608668322
tduepunti0 : = 1.9038782211458E+14
v=v_elettrone : = 2780904.7458089
x0= : -3.4420170933447E-13
y0= : -4.6350683012672E-12
*****
i=34804
k(34804)=0.99999702724955
kQ(34804)=0.99999405450793
r1= : 4.6476599562933E-12
rpunto1 : = -730994.21726933
rduepunti0 : = -1.0170545310073E+25
fil : = 488.44366879919
fipunto1 : = 5.7746954983848E+17
fi_gradi : = 27985.76075208
t1 : = 1.0809524781553E-14
tpunto1 : = 1.000360889198
tduepunti0 : = 1.9070650986388E+14
v=v_elettrone : = 2781265.0606098
x0= : -3.4388149986012E-13
y0= : -4.6350063838803E-12
```

```
*****
i=34805
k(34805)=0.99999701753981
kQ(34805)=0.99999403508852
r1= : 4.6475742262466E-12
rpunto1 : = -732187.04610495
rduepunti0 : = -1.0170891248295E+25
fil : = 488.44373652407
fipunto1 : = 5.7749085367392E+17
fi_gradi : = 27985.764632429
t1 : = 1.0809524898874E-14
tpunto1 : = 1.0003609116012
tduepunti0 : = 1.9102524303793E+14
v=v_elettrone : = 2781625.9310897
x0= : -3.4356127846858E-13
y0= : -4.6349443057354E-12
*****
i=34806
k(34806)=0.99999700781391
kQ(34806)=0.99999401563678
r1= : 4.6474883563066E-12
rpunto1 : = -733379.91558012
rduepunti0 : = -1.01712377695E+25
fil : = 488.44380425144
fipunto1 : = 5.7751219345359E+17
fi_gradi : = 27985.768512922
t1 : = 1.0809525016195E-14
tpunto1 : = 1.0003609340417
tduepunti0 : = 1.9134402171635E+14
v=v_elettrone : = 2781987.3549177
x0= : -3.4324104517034E-13
y0= : -4.6348820668257E-12
*****
i=34807
k(34807)=0.99999699807185
kQ(34807)=0.9999939961527
r1= : 4.6474023464684E-12
rpunto1 : = -734572.82576323
rduepunti0 : = -1.0171584873793E+25
fil : = 488.44387198131
fipunto1 : = 5.7753356918453E+17
fi_gradi : = 27985.772393558
t1 : = 1.0809525133516E-14
tpunto1 : = 1.0003609565197
tduepunti0 : = 1.9166284597877E+14
v=v_elettrone : = 2782349.3362744
x0= : -3.4292079997614E-13
y0= : -4.6348196671445E-12
*****
i=34808
k(34808)=0.99999698831361
kQ(34808)=0.9999939766363
r1= : 4.6473161967272E-12
rpunto1 : = -735765.77672268
rduepunti0 : = -1.0171932561282E+25
fil : = 488.4439397137
fipunto1 : = 5.775549808738E+17
fi_gradi : = 27985.776274337
t1 : = 1.0809525250837E-14
tpunto1 : = 1.0003609790351
tduepunti0 : = 1.9198171590488E+14
v=v_elettrone : = 2782711.8749972
x0= : -3.4260054289622E-13
y0= : -4.634757106685E-12
```

```
*****
i=34809
k(34809)=0.99999697853921
kQ(34809)=0.99999395708755
r1= : 4.6472299070783E-12
rpunto1:= -736958.76852687
rduepunti0 : = -1.0172280832073E+25
fil : = 488.44400744859
fipunto1 : = 5.775764285285E+17
fi_gradi : = 27985.780155261
t1 : = 1.0809525368158E-14
tpunto1 : = 1.0003610015878
tduepunti0 : = 1.9230063157436E+14
v=v_elettrone : = 2783074.9665816
x0= : -3.4228027394081E-13
y0= : -4.6346943854405E-12
*****
i=34810
k(34810)=0.99999696874864
kQ(34810)=0.99999393750646
r1= : 4.6471434775169E-12
rpunto1:= -738151.80124422
rduepunti0 : = -1.0172629686274E+25
fil : = 488.444075186
fipunto1 : = 5.7759791215569E+17
fi_gradi : = 27985.784036328
t1 : = 1.080952548548E-14
tpunto1 : = 1.000361024178
tduepunti0 : = 1.9261959306694E+14
v=v_elettrone : = 2783438.6130326
x0= : -3.4195999312067E-13
y0= : -4.6346315034043E-12
*****
i=34811
k(34811)=0.99999695894189
kQ(34811)=0.99999391789302
r1= : 4.6470569080382E-12
rpunto1:= -739344.87494317
rduepunti0 : = -1.0172979123992E+25
fil : = 488.44414292593
fipunto1 : = 5.7761943176248E+17
fi_gradi : = 27985.78791754
t1 : = 1.0809525602801E-14
tpunto1 : = 1.0003610468056
tduepunti0 : = 1.9293860046238E+14
v=v_elettrone : = 2783802.8163632
x0= : -3.4163970044633E-13
y0= : -4.6345684605696E-12
*****
i=34812
k(34812)=0.99999694911896
kQ(34812)=0.99999389824723
r1= : 4.6469701986373E-12
rpunto1:= -740537.98969217
rduepunti0 : = -1.0173329145335E+25
fil : = 488.44421066838
fipunto1 : = 5.7764098735598E+17
fi_gradi : = 27985.791798897
t1 : = 1.0809525720122E-14
tpunto1 : = 1.0003610694706
tduepunti0 : = 1.9325765384047E+14
v=v_elettrone : = 2784167.5742384
x0= : -3.4131939592802E-13
y0= : -4.6345052569297E-12
```

```
*****
i=34813
k(34813)=0.99999693927986
kQ(34813)=0.99999387856909
r1= : 4.6468833493095E-12
rpunto1 : = -741731.14555967
rduepunti0 : = -1.0173679750409E+25
fil : = 488.44427841336
fipunto1 : = 5.7766257894333E+17
fi_gradi : = 27985.795680398
t1 : = 1.0809525837443E-14
tpunto1 : = 1.000361092173
tduepunti0 : = 1.9357675328103E+14
v=v_elettrone : = 2784532.8864944
x0= : -3.4099907957625E-13
y0= : -4.6344418924776E-12
*****
i=34814
k(34814)=0.99999692942458
kQ(34814)=0.99999385885858
r1= : 4.64679636005E-12
rpunto1 : = -742924.34261415
rduepunti0 : = -1.0174030939323E+25
fil : = 488.44434616087
fipunto1 : = 5.7768420653164E+17
fi_gradi : = 27985.799562045
t1 : = 1.0809525954764E-14
tpunto1 : = 1.0003611149129
tduepunti0 : = 1.9389589886389E+14
v=v_elettrone : = 2784898.7551366
x0= : -3.4067875140156E-13
y0= : -4.6343783672067E-12
*****
i=34815
k(34815)=0.99999691955311
kQ(34815)=0.99999383911571
r1= : 4.6467092308538E-12
rpunto1 : = -744117.5809241
rduepunti0 : = -1.0174382712186E+25
fil : = 488.44441391092
fipunto1 : = 5.7770587012808E+17
fi_gradi : = 27985.803443837
t1 : = 1.0809526072085E-14
tpunto1 : = 1.0003611376902
tduepunti0 : = 1.9421509066894E+14
v=v_elettrone : = 2785265.1778332
x0= : -3.403584114142E-13
y0= : -4.6343146811102E-12
*****
i=34816
k(34816)=0.99999690966546
kQ(34816)=0.99999381934047
r1= : 4.6466219617162E-12
rpunto1 : = -745310.860558
rduepunti0 : = -1.0174735069104E+25
fil : = 488.44448166351
fipunto1 : = 5.7772756973981E+17
fi_gradi : = 27985.807325774
t1 : = 1.0809526189406E-14
tpunto1 : = 1.0003611605049
tduepunti0 : = 1.9453432877607E+14
v=v_elettrone : = 2785632.1544189
x0= : -3.400380596247E-13
y0= : -4.6342508341812E-12
```

```
*****
i=34817
k(34817)=0.99999689976162
kQ(34817)=0.99999379953285
r1= : 4.6465345526324E-12
rpunto1 : = -746504.18158437
rduepunti0 : = -1.0175088010187E+25
fil : = 488.44454941865
fipunto1 : = 5.77749305374E+17
fi_gradi : = 27985.811207858
t1 : = 1.0809526306727E-14
tpunto1 : = 1.0003611833571
tduepunti0 : = 1.9485361326524E+14
v=v_elettrone : = 2785999.6847314
x0= : -3.3971769604359E-13
y0= : -4.6341868264129E-12
*****
i=34818
k(34818)=0.99999688984159
kQ(34818)=0.99999377969286
r1= : 4.6464470035974E-12
rpunto1 : = -747697.54407173
rduepunti0 : = -1.0175441535544E+25
fil : = 488.44461717633
fipunto1 : = 5.7777107703784E+17
fi_gradi : = 27985.815090087
t1 : = 1.0809526424048E-14
tpunto1 : = 1.0003612062467
tduepunti0 : = 1.9517294421639E+14
v=v_elettrone : = 2786367.7707765
x0= : -3.3939732068141E-13
y0= : -4.6341226577985E-12
*****
i=34819
k(34819)=0.99999687990537
kQ(34819)=0.99999375982048
r1= : 4.6463593146064E-12
rpunto1 : = -748890.94808862
rduepunti0 : = -1.0175795645282E+25
fil : = 488.44468493657
fipunto1 : = 5.7779288473852E+17
fi_gradi : = 27985.818972462
t1 : = 1.0809526541369E-14
tpunto1 : = 1.0003612291738
tduepunti0 : = 1.9549232170953E+14
v=v_elettrone : = 2786736.4102201
x0= : -3.3907693354845E-13
y0= : -4.6340583283311E-12
*****
i=34820
k(34820)=0.99999686995296
kQ(34820)=0.99999373991572
r1= : 4.6462714856546E-12
rpunto1 : = -750084.39370358
rduepunti0 : = -1.0176150339512E+25
fil : = 488.44475269936
fipunto1 : = 5.7781472848328E+17
fi_gradi : = 27985.822854985
t1 : = 1.080952665869E-14
tpunto1 : = 1.0003612521384
tduepunti0 : = 1.9581174582467E+14
v=v_elettrone : = 2787105.602898
x0= : -3.3875653465524E-13
y0= : -4.6339938380039E-12
```

```
*****
i=34821
k(34821)=0.99999685998435
kQ(34821)=0.99999371997856
r1= : 4.646183516737E-12
rpunto1 : = -751277.88098518
rduepunti0 : = -1.0176505618342E+25
fil : = 488.44482046472
fipunto1 : = 5.7783660827932E+17
fi_gradi : = 27985.826737654
t1 : = 1.0809526776011E-14
tpunto1 : = 1.0003612751404
tduepunti0 : = 1.9613121664188E+14
v=v_elettrone : = 2787475.3508117
x0= : -3.3843612401235E-13
y0= : -4.6339291868101E-12
*****
i=34822
k(34822)=0.99999684999954
kQ(34822)=0.99999370000901
r1= : 4.6460954078488E-12
rpunto1 : = -752471.410002
rduepunti0 : = -1.0176861481881E+25
fil : = 488.44488823264
fipunto1 : = 5.7785852413388E+17
fi_gradi : = 27985.830620469
t1 : = 1.0809526893332E-14
tpunto1 : = 1.0003612981799
tduepunti0 : = 1.9645073424124E+14
v=v_elettrone : = 2787845.6516348
x0= : -3.3811570163005E-13
y0= : -4.6338643747427E-12
*****
i=34823
k(34823)=0.99999683999853
kQ(34823)=0.99999368000706
r1= : 4.6460071589851E-12
rpunto1 : = -753664.98082261
rduepunti0 : = -1.017721793024E+25
fil : = 488.44495600313
fipunto1 : = 5.7788047605423E+17
fi_gradi : = 27985.834503433
t1 : = 1.0809527010653E-14
tpunto1 : = 1.0003613212568
tduepunti0 : = 1.9677029870287E+14
v=v_elettrone : = 2788216.5073625
x0= : -3.3779526751892E-13
y0= : -4.633799401795E-12
*****
i=34824
k(34824)=0.99999682998132
kQ(34824)=0.9999936599727
r1= : 4.6459187701409E-12
rpunto1 : = -754858.59351562
rduepunti0 : = -1.0177574963527E+25
fil : = 488.4450237762
fipunto1 : = 5.7790246404762E+17
fi_gradi : = 27985.838386543
t1 : = 1.0809527127974E-14
tpunto1 : = 1.0003613443713
tduepunti0 : = 1.970899101069E+14
v=v_elettrone : = 2788587.9156692
x0= : -3.3747482168925E-13
y0= : -4.6337342679599E-12
```

```
*****
i=34825
k(34825)=0.99999681994791
kQ(34825)=0.99999363990593
r1= : 4.6458302413114E-12
rpunto1: = -756052.24814963
rduepunti0 : = -1.0177932581854E+25
fil : = 488.44509155184
fipunto1 : = 5.7792448812132E+17
fi_gradi : = 27985.842269802
t1 : = 1.0809527245295E-14
tpunto1 : = 1.0003613675232
tduepunti0 : = 1.9740956853351E+14
v=v_elettrone : = 2788959.8763825
x0= : -3.3715436415162E-13
y0= : -4.6336689732307E-12
*****
i=34826
k(34826)=0.99999680989828
kQ(34826)=0.99999361980674
r1= : 4.6457415724917E-12
rpunto1: = -757245.94479329
rduepunti0 : = -1.0178290785329E+25
fil : = 488.44515933007
fipunto1 : = 5.7794654828263E+17
fi_gradi : = 27985.846153208
t1 : = 1.0809527362616E-14
tpunto1 : = 1.0003613907126
tduepunti0 : = 1.9772927406292E+14
v=v_elettrone : = 2789332.3915131
x0= : -3.3683389491659E-13
y0= : -4.6336035176004E-12
*****
i=34827
k(34827)=0.99999679983245
kQ(34827)=0.99999359967514
r1= : 4.6456527636767E-12
rpunto1: = -758439.68351521
rduepunti0 : = -1.0178649574064E+25
fil : = 488.44522711089
fipunto1 : = 5.7796864453884E+17
fi_gradi : = 27985.850036763
t1 : = 1.0809527479937E-14
tpunto1 : = 1.0003614139396
tduepunti0 : = 1.9804902677535E+14
v=v_elettrone : = 2789705.4587213
x0= : -3.3651341399448E-13
y0= : -4.6335379010621E-12
*****
i=34828
k(34828)=0.99999678975041
kQ(34828)=0.99999357951112
r1= : 4.6455638148617E-12
rpunto1: = -759633.46438407
rduepunti0 : = -1.0179008948169E+25
fil : = 488.4452948943
fipunto1 : = 5.7799077689728E+17
fi_gradi : = 27985.853920466
t1 : = 1.0809527597259E-14
tpunto1 : = 1.000361437204
tduepunti0 : = 1.9836882675107E+14
v=v_elettrone : = 2790079.0800108
x0= : -3.3619292139588E-13
y0= : -4.6334721236089E-12
```

```
*****
i=34829
k(34829)=0.99999677965215
kQ(34829)=0.99999355931466
r1= : 4.6454747260416E-12
rpunto1 : = -760827.28746851
rduepunti0 : = -1.0179368907754E+25
fil : = 488.4453626803
fipunto1 : = 5.7801294536526E+17
fi_gradi : = 27985.857804318
t1 : = 1.080952771458E-14
tpunto1 : = 1.0003614605059
tduepunti0 : = 1.9868867407038E+14
v=v_elettrone : = 2790453.2530499
x0= : -3.3587241713111E-13
y0= : -4.6334061852338E-12
*****
i=34830
k(34830)=0.99999676953767
kQ(34830)=0.99999353908578
r1= : 4.6453854972114E-12
rpunto1 : = -762021.15283722
rduepunti0 : = -1.0179729452931E+25
fil : = 488.4454304689
fipunto1 : = 5.7803514995014E+17
fi_gradi : = 27985.861688319
t1 : = 1.0809527831901E-14
tpunto1 : = 1.0003614838454
tduepunti0 : = 1.990085688136E+14
v=v_elettrone : = 2790827.9798377
x0= : -3.3555190121076E-13
y0= : -4.6333400859299E-12
*****
i=34831
k(34831)=0.99999675940698
kQ(34831)=0.99999351882446
r1= : 4.6452961283663E-12
rpunto1 : = -763215.06055889
rduepunti0 : = -1.018009058381E+25
fil : = 488.44549826011
fipunto1 : = 5.7805739065925E+17
fi_gradi : = 27985.865572469
t1 : = 1.0809527949222E-14
tpunto1 : = 1.0003615072224
tduepunti0 : = 1.993285110611E+14
v=v_elettrone : = 2791203.2580409
x0= : -3.3523137364516E-13
y0= : -4.6332738256902E-12
*****
i=34832
k(34832)=0.99999674926006
kQ(34832)=0.99999349853069
r1= : 4.6452066195013E-12
rpunto1 : = -764409.01070222
rduepunti0 : = -1.0180452300503E+25
fil : = 488.44556605393
fipunto1 : = 5.7807966749996E+17
fi_gradi : = 27985.869456768
t1 : = 1.0809528066543E-14
tpunto1 : = 1.0003615306369
tduepunti0 : = 1.9964850089326E+14
v=v_elettrone : = 2791579.0896651
x0= : -3.3491083444492E-13
y0= : -4.6332074045079E-12
```



```
*****
i=34833
k(34833)=0.99999673909692
kQ(34833)=0.99999347820448
r1= : 4.6451169706114E-12
rpunto1: = -765603.00333592
rduepunti0 : = -1.0180814603121E+25
fil : = 488.44563385035
fipunto1 : = 5.7810198047966E+17
fi_gradi : = 27985.873341218
t1 : = 1.0809528183864E-14
tpunto1 : = 1.000361554089
tduepunti0 : = 1.999685383905E+14
v=v_elettrone : = 2791955.4723694
x0= : -3.3459028362037E-13
y0= : -4.6331408223758E-12
*****
i=34834
k(34834)=0.99999672891756
kQ(34834)=0.99999345784582
r1= : 4.6450271816915E-12
rpunto1: = -766797.03852874
rduepunti0 : = -1.0181177491776E+25
fil : = 488.4457016494
fipunto1 : = 5.7812432960573E+17
fi_gradi : = 27985.877225817
t1 : = 1.0809528301185E-14
tpunto1 : = 1.0003615775786
tduepunti0 : = 2.0028862363326E+14
v=v_elettrone : = 2792332.4081595
x0= : -3.3426972118214E-13
y0= : -4.6330740792871E-12
*****
i=34835
k(34835)=0.99999671872197
kQ(34835)=0.99999343745471
r1= : 4.6449372527368E-12
rpunto1: = -767991.1163494
rduepunti0 : = -1.018154096658E+25
fil : = 488.44576945106
fipunto1 : = 5.7814671488557E+17
fi_gradi : = 27985.881110566
t1 : = 1.0809528418506E-14
tpunto1 : = 1.0003616011057
tduepunti0 : = 2.0060875670204E+14
v=v_elettrone : = 2792709.8968665
x0= : -3.3394914714056E-13
y0= : -4.6330071752348E-12
*****
i=34836
k(34836)=0.99999670851015
kQ(34836)=0.99999341703113
r1= : 4.6448471837422E-12
rpunto1: = -769185.23686667
rduepunti0 : = -1.0181905027645E+25
fil : = 488.44583725536
fipunto1 : = 5.781691363266E+17
fi_gradi : = 27985.884995466
t1 : = 1.0809528535827E-14
tpunto1 : = 1.0003616246704
tduepunti0 : = 2.0092893767734E+14
v=v_elettrone : = 2793087.9361576
x0= : -3.33628561506E-13
y0= : -4.6329401102118E-12
```

```
*****
i=34837
k(34837)=0.99999669828209
kQ(34837)=0.99999339657509
r1= : 4.6447569747027E-12
rpunto1 : = -770379.40014931
rduepunti0 : = -1.0182269675083E+25
fil : = 488.44590506228
fipunto1 : = 5.7819159393624E+17
fi_gradi : = 27985.888880516
t1 : = 1.0809528653148E-14
tpunto1 : = 1.0003616482726
tduepunti0 : = 2.012491666397E+14
v=v_elettrone : = 2793466.5258678
x0= : -3.3330796428908E-13
y0= : -4.6328728842112E-12
*****
i=34838
k(34838)=0.99999668803781
kQ(34838)=0.99999337608658
r1= : 4.6446666256132E-12
rpunto1 : = -771573.60626612
rduepunti0 : = -1.0182634909007E+25
fil : = 488.44597287183
fipunto1 : = 5.7821408772195E+17
fi_gradi : = 27985.892765717
t1 : = 1.0809528770469E-14
tpunto1 : = 1.0003616719124
tduepunti0 : = 2.015694436697E+14
v=v_elettrone : = 2793845.6701556
x0= : -3.3298735550043E-13
y0= : -4.6328054972258E-12
*****
i=34839
k(34839)=0.99999667777728
kQ(34839)=0.9999933555656
r1= : 4.6445761364689E-12
rpunto1 : = -772767.85528587
rduepunti0 : = -1.0183000729528E+25
fil : = 488.44604068402
fipunto1 : = 5.7823661769117E+17
fi_gradi : = 27985.89665107
t1 : = 1.0809528887791E-14
tpunto1 : = 1.0003616955898
tduepunti0 : = 2.0188976884793E+14
v=v_elettrone : = 2794225.3645278
x0= : -3.3266673515016E-13
y0= : -4.6327379492488E-12
*****
i=34840
k(34840)=0.99999666750052
kQ(34840)=0.99999333501214
r1= : 4.6444855072646E-12
rpunto1 : = -773962.14727739
rduepunti0 : = -1.0183367136761E+25
fil : = 488.44610849886
fipunto1 : = 5.7825918385136E+17
fi_gradi : = 27985.900536574
t1 : = 1.0809529005112E-14
tpunto1 : = 1.0003617193047
tduepunti0 : = 2.0221014225505E+14
v=v_elettrone : = 2794605.6088184
x0= : -3.323461032489E-13
y0= : -4.632670240273E-12
```

```
*****
i=34841
k(34841)=0.99999665720751
kQ(34841)=0.9999933144262
r1= : 4.6443947379952E-12
rpunto1 : = -775156.48230949
rduepunti0 : = -1.0183734130817E+25
fil : = 488.44617631634
fipunto1 : = 5.7828178621001E+17
fi_gradi : = 27985.904422229
t1 : = 1.0809529122433E-14
tpunto1 : = 1.0003617430572
tduepunti0 : = 2.025305639717E+14
v=v_elettrone : = 2794986.4050191
x0= : -3.3202545980729E-13
y0= : -4.6326023702915E-12
*****
i=34842
k(34842)=0.99999664689826
kQ(34842)=0.99999329380776
r1= : 4.6443038286559E-12
rpunto1 : = -776350.86045101
rduepunti0 : = -1.018410171181E+25
fil : = 488.44624413647
fipunto1 : = 5.7830442477462E+17
fi_gradi : = 27985.908308037
t1 : = 1.0809529239754E-14
tpunto1 : = 1.0003617668473
tduepunti0 : = 2.0285103407859E+14
v=v_elettrone : = 2795367.7529661
x0= : -3.3170480483573E-13
y0= : -4.6325343392971E-12
*****
i=34843
k(34843)=0.99999663657276
kQ(34843)=0.99999327315684
r1= : 4.6442127792414E-12
rpunto1 : = -777545.28177079
rduepunti0 : = -1.0184469879854E+25
fil : = 488.44631195926
fipunto1 : = 5.7832709955267E+17
fi_gradi : = 27985.912193996
t1 : = 1.0809529357075E-14
tpunto1 : = 1.000361790675
tduepunti0 : = 2.0317155265645E+14
v=v_elettrone : = 2795749.6524888
x0= : -3.3138413834459E-13
y0= : -4.6324661472828E-12
*****
i=34844
k(34844)=0.99999662623102
kQ(34844)=0.99999325247342
r1= : 4.6441215897467E-12
rpunto1 : = -778739.74633771
rduepunti0 : = -1.0184838635062E+25
fil : = 488.44637978471
fipunto1 : = 5.783498105517E+17
fi_gradi : = 27985.916080108
t1 : = 1.0809529474396E-14
tpunto1 : = 1.0003618145403
tduepunti0 : = 2.0349211978604E+14
v=v_elettrone : = 2796132.101257
x0= : -3.3106346034428E-13
y0= : -4.6323977942415E-12
```

```
*****
i=34845
k(34845)=0.99999661587303
kQ(34845)=0.9999932317575
r1= : 4.6440302601668E-12
rpunto1: = -779934.25422062
rduepunti0 : = -1.0185207977548E+25
fil : = 488.44644761282
fipunto1 : = 5.7837255777922E+17
fi_gradi : = 27985.919966372
t1 : = 1.0809529591717E-14
tpunto1 : = 1.0003618384432
tduepunti0 : = 2.0381273554815E+14
v=v_elettrone : = 2796515.1012649
x0= : -3.3074277084545E-13
y0= : -4.6323292801662E-12
*****
i=34846
k(34846)=0.99999660549878
kQ(34846)=0.99999321100908
r1= : 4.6439387904966E-12
rpunto1: = -781128.80548843
rduepunti0 : = -1.0185577907425E+25
fil : = 488.44651544359
fipunto1 : = 5.7839534124279E+17
fi_gradi : = 27985.92385279
t1 : = 1.0809529709038E-14
tpunto1 : = 1.0003618623837
tduepunti0 : = 2.0413340002359E+14
v=v_elettrone : = 2796898.6523455
x0= : -3.3042206985851E-13
y0= : -4.6322606050497E-12
*****
i=34847
k(34847)=0.99999659510827
kQ(34847)=0.99999319022814
r1= : 4.643847180731E-12
rpunto1: = -782323.40021004
rduepunti0 : = -1.0185948424808E+25
fil : = 488.44658327704
fipunto1 : = 5.7841816094996E+17
fi_gradi : = 27985.92773936
t1 : = 1.080952982636E-14
tpunto1 : = 1.0003618863618
tduepunti0 : = 2.0445411329323E+14
v=v_elettrone : = 2797282.7543294
x0= : -3.3010135739386E-13
y0= : -4.632191768885E-12
*****
i=34848
k(34848)=0.99999658470151
kQ(34848)=0.99999316941469
r1= : 4.6437554308649E-12
rpunto1: = -783518.03845436
rduepunti0 : = -1.0186319529811E+25
fil : = 488.44665111317
fipunto1 : = 5.784410169083E+17
fi_gradi : = 27985.931626084
t1 : = 1.0809529943681E-14
tpunto1 : = 1.0003619103776
tduepunti0 : = 2.0477487543795E+14
v=v_elettrone : = 2797667.4048837
x0= : -3.2978063346192E-13
y0= : -4.6321227716649E-12
```

```
*****
i=34849
k(34849)=0.99999657427849
kQ(34849)=0.99999314856872
r1= : 4.6436635408931E-12
rpunto1: = -784712.72029031
rduepunti0 : = -1.018669122255E+25
fil : = 488.44671895198
fipunto1 : = 5.7846390912538E+17
fi_gradi : = 27985.935512961
t1 : = 1.0809530061002E-14
tpunto1 : = 1.0003619344309
tduepunti0 : = 2.0509568653867E+14
v=v_elettrone : = 2798052.6060026
x0= : -3.2945989807336E-13
y0= : -4.6320536133823E-12
*****
i=34850
k(34850)=0.99999656383921
kQ(34850)=0.99999312769022
r1= : 4.6435715108106E-12
rpunto1: = -785907.44578685
rduepunti0 : = -1.0187063503137E+25
fil : = 488.44678679347
fipunto1 : = 5.7848683760881E+17
fi_gradi : = 27985.939399992
t1 : = 1.0809530178323E-14
tpunto1 : = 1.0003619585219
tduepunti0 : = 2.0541654667634E+14
v=v_elettrone : = 2798438.35752
x0= : -3.2913915123862E-13
y0= : -4.6319842940301E-12
*****
i=34851
k(34851)=0.99999655338366
kQ(34851)=0.99999310677919
r1= : 4.6434793406123E-12
rpunto1: = -787102.21501292
rduepunti0 : = -1.0187436371689E+25
fil : = 488.44685463765
fipunto1 : = 5.7850980236618E+17
fi_gradi : = 27985.943287177
t1 : = 1.0809530295644E-14
tpunto1 : = 1.0003619826505
tduepunti0 : = 2.0573745593192E+14
v=v_elettrone : = 2798824.6592625
x0= : -3.288183929681E-13
y0= : -4.6319148136012E-12
*****
i=34852
k(34852)=0.99999654291184
kQ(34852)=0.99999308583563
r1= : 4.643387030293E-12
rpunto1: = -788297.02803749
rduepunti0 : = -1.0187809828321E+25
fil : = 488.44692248452
fipunto1 : = 5.7853280340512E+17
fi_gradi : = 27985.947174517
t1 : = 1.0809530412965E-14
tpunto1 : = 1.0003620068168
tduepunti0 : = 2.0605841438645E+14
v=v_elettrone : = 2799211.5110648
x0= : -3.2849762327226E-13
y0= : -4.6318451720883E-12
```

```

*****
i=34853
k(34853)=0.99999653242376
kQ(34853)=0.99999306485953
r1= : 4.6432945798476E-12
rpunto1: = -789491.88492956
rduepunti0 : = -1.0188183873147E+25
fil : = 488.44699033409
fipunto1 : = 5.7855584073327E+17
fi_gradi : = 27985.951062011
t1 : = 1.0809530530286E-14
tpunto1 : = 1.0003620310207
tduepunti0 : = 2.0637942212096E+14
v=v_elettrone : = 2799598.9105912
x0= : -3.2817684216152E-13
y0= : -4.6317753694844E-12
*****
i=34854
k(34854)=0.9999965219194
kQ(34854)=0.99999304385089
r1= : 4.6432019892709E-12
rpunto1: = -790686.78575811
rduepunti0 : = -1.0188558506283E+25
fil : = 488.44705818637
fipunto1 : = 5.7857891435826E+17
fi_gradi : = 27985.95494966
t1 : = 1.0809530647608E-14
tpunto1 : = 1.0003620552622
tduepunti0 : = 2.0670047921653E+14
v=v_elettrone : = 2799986.8619982
x0= : -3.2785604964658E-13
y0= : -4.6317054057822E-12
*****
i=34855
k(34855)=0.99999651139877
kQ(34855)=0.9999930228097
r1= : 4.6431092585579E-12
rpunto1: = -791881.73059216
rduepunti0 : = -1.0188933727846E+25
fil : = 488.44712604135
fipunto1 : = 5.7860202428775E+17
fi_gradi : = 27985.958837464
t1 : = 1.0809530764929E-14
tpunto1 : = 1.0003620795415
tduepunti0 : = 2.0702158575426E+14
v=v_elettrone : = 2800375.3607916
x0= : -3.2753524573763E-13
y0= : -4.6316352809747E-12
*****
i=34856
k(34856)=0.99999650086186
kQ(34856)=0.99999300173596
r1= : 4.6430163877032E-12
rpunto1: = -793076.71950072
rduepunti0 : = -1.018930953795E+25
fil : = 488.44719389903
fipunto1 : = 5.7862517052941E+17
fi_gradi : = 27985.962725423
t1 : = 1.080953088225E-14
tpunto1 : = 1.0003621038584
tduepunti0 : = 2.0734274181529E+14
v=v_elettrone : = 2800764.4089654
x0= : -3.2721443044539E-13
y0= : -4.6315649950545E-12

```

```
*****
i=34857
k(34857)=0.99999649030867
kQ(34857)=0.99999298062966
r1= : 4.6429233767019E-12
rpunto1: = -794271.75255284
rduepunti0 : = -1.0189685936712E+25
fil : = 488.44726175944
fipunto1 : = 5.7864835309094E+17
fi_gradi : = 27985.966613538
t1 : = 1.0809530999571E-14
tpunto1 : = 1.0003621282129
tduepunti0 : = 2.076639474808E+14
v=v_elettrone : = 2801154.0063477
x0= : -3.268936037803E-13
y0= : -4.6314945480145E-12
*****
i=34858
k(34858)=0.9999964797392
kQ(34858)=0.9999929594908
r1= : 4.6428302255486E-12
rpunto1: = -795466.82981756
rduepunti0 : = -1.0190062924248E+25
fil : = 488.44732962256
fipunto1 : = 5.7867157198002E+17
fi_gradi : = 27985.970501808
t1 : = 1.0809531116892E-14
tpunto1 : = 1.0003621526051
tduepunti0 : = 2.0798520283199E+14
v=v_elettrone : = 2801544.152766
x0= : -3.2657276575283E-13
y0= : -4.6314239398476E-12
*****
i=34859
k(34859)=0.99999646915345
kQ(34859)=0.99999293831937
r1= : 4.6427369342382E-12
rpunto1: = -796661.95136395
rduepunti0 : = -1.0190440500675E+25
fil : = 488.44739748841
fipunto1 : = 5.7869482720436E+17
fi_gradi : = 27985.974390235
t1 : = 1.0809531234213E-14
tpunto1 : = 1.0003621770351
tduepunti0 : = 2.083065079501E+14
v=v_elettrone : = 2801934.8480549
x0= : -3.2625191637344E-13
y0= : -4.6313531705464E-12
*****
i=34860
k(34860)=0.99999645855141
kQ(34860)=0.99999291711537
r1= : 4.6426435027655E-12
rpunto1: = -797857.1172611
rduepunti0 : = -1.0190818666109E+25
fil : = 488.44746535698
fipunto1 : = 5.7871811877168E+17
fi_gradi : = 27985.978278817
t1 : = 1.0809531351535E-14
tpunto1 : = 1.0003622015027
tduepunti0 : = 2.0862786291638E+14
v=v_elettrone : = 2802326.0920384
x0= : -3.2593105565261E-13
y0= : -4.6312822401038E-12
```

```
*****
i=34861
k(34861)=0.99999644793308
kQ(34861)=0.99999289587879
r1= : 4.6425499311253E-12
rpunto1: = -799052.32757808
rduepunti0 : = -1.0191197420667E+25
fil : = 488.44753322829
fipunto1 : = 5.7874144668973E+17
fi_gradi : = 27985.982167557
t1 : = 1.0809531468856E-14
tpunto1 : = 1.000362226008
tduepunti0 : = 2.0894926781215E+14
v=v_elettrone : = 2802717.8845479
x0= : -3.256101836008E-13
y0= : -4.6312111485125E-12
*****
i=34862
k(34862)=0.99999643729847
kQ(34862)=0.99999287460963
r1= : 4.6424562193124E-12
rpunto1: = -800247.582384
rduepunti0 : = -1.0191576764466E+25
fil : = 488.44760110233
fipunto1 : = 5.7876481096624E+17
fi_gradi : = 27985.986056453
t1 : = 1.0809531586177E-14
tpunto1 : = 1.000362250551
tduepunti0 : = 2.0927072271874E+14
v=v_elettrone : = 2803110.2254167
x0= : -3.2528930022849E-13
y0= : -4.6311398957653E-12
*****
i=34863
k(34863)=0.99999642664756
kQ(34863)=0.99999285330788
r1= : 4.6423623673216E-12
rpunto1: = -801442.88174799
rduepunti0 : = -1.0191956697624E+25
fil : = 488.44766897911
fipunto1 : = 5.7878821160898E+17
fi_gradi : = 27985.989945506
t1 : = 1.0809531703498E-14
tpunto1 : = 1.0003622751317
tduepunti0 : = 2.095922277175E+14
v=v_elettrone : = 2803503.1144685
x0= : -3.2496840554618E-13
y0= : -4.6310684818549E-12
*****
i=34864
k(34864)=0.99999641598035
kQ(34864)=0.99999283197354
r1= : 4.6422683751477E-12
rpunto1: = -802638.22573918
rduepunti0 : = -1.0192337220257E+25
fil : = 488.44773685863
fipunto1 : = 5.7881164862573E+17
fi_gradi : = 27985.993834716
t1 : = 1.0809531820819E-14
tpunto1 : = 1.0003622997501
tduepunti0 : = 2.0991378288984E+14
v=v_elettrone : = 2803896.549374
x0= : -3.2464749956435E-13
y0= : -4.630996906774E-12
```



```
*****
i=34865
k(34865)=0.99999640529684
kQ(34865)=0.99999281060661
r1= : 4.6421742427854E-12
rpunto1:= -803833.61442671
rduepunti0 := -1.0192718332483E+25
fil := 488.44780474091
fipunto1 := 5.7883512202426E+17
fi_gradi := 27985.997724084
t1 := 1.080953193814E-14
tpunto1 := 1.0003623244062
tduepunti0 := 2.1023538831718E+14
v=v_elettrone := 2804290.534283
x0= : -3.2432658229375E-13
y0= : -4.6309251705155E-12
*****
i=34866
k(34866)=0.99999639459704
kQ(34866)=0.99999278920708
r1= : 4.6420799702294E-12
rpunto1:= -805029.04787975
rduepunti0 := -1.0193100034421E+25
fil := 488.44787262593
fipunto1 := 5.7885863181238E+17
fi_gradi := 27986.00161361
t1 := 1.0809532055462E-14
tpunto1 := 1.0003623491001
tduepunti0 := 2.10557044081E+14
v=v_elettrone := 2804685.0668607
x0= : -3.2400565374462E-13
y0= : -4.630853273072E-12
*****
i=34867
k(34867)=0.99999638388093
kQ(34867)=0.99999276777494
r1= : 4.6419855574746E-12
rpunto1:= -806224.52616746
rduepunti0 := -1.0193482326188E+25
fil := 488.44794051372
fipunto1 := 5.788821779979E+17
fi_gradi := 27986.005503293
t1 := 1.0809532172783E-14
tpunto1 := 1.0003623738316
tduepunti0 := 2.1087875026277E+14
v=v_elettrone := 2805080.1490947
x0= : -3.2368471392747E-13
y0= : -4.6307812144361E-12
*****
i=34868
k(34868)=0.99999637314852
kQ(34868)=0.99999274631019
r1= : 4.6418910045156E-12
rpunto1:= -807420.04935905
rduepunti0 := -1.0193865207902E+25
fil := 488.44800840426
fipunto1 := 5.7890576058864E+17
fi_gradi := 27986.009393135
t1 := 1.0809532290104E-14
tpunto1 := 1.000362398601
tduepunti0 := 2.1120050694403E+14
v=v_elettrone := 2805475.7765012
x0= : -3.2336376285255E-13
y0= : -4.6307089946007E-12
```

```
*****
i=34869
k(34869)=0.9999963623998
kQ(34869)=0.99999272481283
r1= : 4.6417963113472E-12
rpunto1 : = -808615.6175237
rduepunti0 : = -1.0194248679682E+25
fil : = 488.44807629757
fipunto1 : = 5.7892937959245E+17
fi_gradi : = 27986.013283135
t1 : = 1.0809532407425E-14
tpunto1 : = 1.000362423408
tduepunti0 : = 2.1152231420635E+14
v=v_elettrone : = 2805871.9510628
x0= : -3.2304280053062E-13
y0= : -4.6306366135585E-12
*****
i=34870
k(34870)=0.99999635163477
kQ(34870)=0.99999270328284
r1= : 4.6417014779642E-12
rpunto1 : = -809811.23073063
rduepunti0 : = -1.0194632741646E+25
fil : = 488.44814419365
fipunto1 : = 5.7895303501716E+17
fi_gradi : = 27986.017173294
t1 : = 1.0809532524746E-14
tpunto1 : = 1.0003624482528
tduepunti0 : = 2.118441721313E+14
v=v_elettrone : = 2806268.6747637
x0= : -3.227218269722E-13
y0= : -4.630564071302E-12
*****
i=34871
k(34871)=0.99999634085342
kQ(34871)=0.99999268172024
r1= : 4.6416065043612E-12
rpunto1 : = -811006.88904909
rduepunti0 : = -1.0195017393914E+25
fil : = 488.44821209251
fipunto1 : = 5.7897672687066E+17
fi_gradi : = 27986.021063612
t1 : = 1.0809532642068E-14
tpunto1 : = 1.0003624731354
tduepunti0 : = 2.1216608080052E+14
v=v_elettrone : = 2806665.9431209
x0= : -3.2240084218757E-13
y0= : -4.6304913678239E-12
*****
i=34872
k(34872)=0.99999633005576
kQ(34872)=0.999992660125
r1= : 4.641511390533E-12
rpunto1 : = -812202.5925483
rduepunti0 : = -1.0195402636603E+25
fil : = 488.44827999414
fipunto1 : = 5.7900045516081E+17
fi_gradi : = 27986.024954089
t1 : = 1.0809532759389E-14
tpunto1 : = 1.0003624980557
tduepunti0 : = 2.1248804029567E+14
v=v_elettrone : = 2807063.7602748
x0= : -3.220798461875E-13
y0= : -4.630418503117E-12
```

```
*****
i=34873
k(34873)=0.99999631924179
kQ(34873)=0.99999263849713
r1= : 4.6414161364742E-12
rpunto1: = -813398.34129753
rduepunti0 : = -1.0195788469833E+25
fil : = 488.44834789856
fipunto1 : = 5.790242198955E+17
fi_gradi : = 27986.028844725
t1 : = 1.080953287671E-14
tpunto1 : = 1.0003625230138
tduepunti0 : = 2.1281005069843E+14
v=v_elettrone : = 2807462.1238946
x0= : -3.2175883898227E-13
y0= : -4.6303454771739E-12
*****
i=34874
k(34874)=0.99999630841149
kQ(34874)=0.99999261683661
r1= : 4.6413207421796E-12
rpunto1: = -814594.13536604
rduepunti0 : = -1.0196174893724E+25
fil : = 488.44841580576
fipunto1 : = 5.7904802108264E+17
fi_gradi : = 27986.032735521
t1 : = 1.0809532994031E-14
tpunto1 : = 1.0003625480097
tduepunti0 : = 2.1313211209053E+14
v=v_elettrone : = 2807861.0338098
x0= : -3.2143782058242E-13
y0= : -4.6302722899871E-12
*****
i=34875
k(34875)=0.99999629756488
kQ(34875)=0.99999259514346
r1= : 4.6412252076438E-12
rpunto1: = -815789.97482314
rduepunti0 : = -1.0196561908395E+25
fil : = 488.44848371576
fipunto1 : = 5.7907185873015E+17
fi_gradi : = 27986.036626478
t1 : = 1.0809533111352E-14
tpunto1 : = 1.0003625730433
tduepunti0 : = 2.1345422455374E+14
v=v_elettrone : = 2808260.4898494
x0= : -3.2111679099849E-13
y0= : -4.6301989415494E-12
*****
i=34876
k(34876)=0.99999628670193
kQ(34876)=0.99999257341765
r1= : 4.6411295328615E-12
rpunto1: = -816985.8597381
rduepunti0 : = -1.0196949513966E+25
fil : = 488.44855162855
fipunto1 : = 5.7909573284594E+17
fi_gradi : = 27986.040517594
t1 : = 1.0809533228674E-14
tpunto1 : = 1.0003625981147
tduepunti0 : = 2.1377638816982E+14
v=v_elettrone : = 2808660.4939897
x0= : -3.2079575024103E-13
y0= : -4.6301254318534E-12
```

```
*****
i=34877
k(34877)=0.99999627582266
kQ(34877)=0.99999255165919
r1= : 4.6410337178274E-12
rpunto1 : = -818181.79018026
rduepunti0 : = -1.0197337710557E+25
fil : = 488.44861954414
fipunto1 : = 5.7911964343796E+17
fi_gradi : = 27986.044408871
t1 : = 1.0809533345995E-14
tpunto1 : = 1.0003626232239
tduepunti0 : = 2.1409860302062E+14
v=v_elettrone : = 2809061.0439072
x0= : -3.2047469832033E-13
y0= : -4.6300517608917E-12
*****
i=34878
k(34878)=0.99999626492706
kQ(34878)=0.99999252986808
r1= : 4.6409377625362E-12
rpunto1 : = -819377.76621893
rduepunti0 : = -1.0197726498288E+25
fil : = 488.44868746254
fipunto1 : = 5.7914359051416E+17
fi_gradi : = 27986.048300308
t1 : = 1.0809533463316E-14
tpunto1 : = 1.0003626483709
tduepunti0 : = 2.1442086918799E+14
v=v_elettrone : = 2809462.1394279
x0= : -3.2015363524694E-13
y0= : -4.6299779286568E-12
*****
i=34879
k(34879)=0.99999625401513
kQ(34879)=0.9999925080443
r1= : 4.6408416669824E-12
rpunto1 : = -820573.78792347
rduepunti0 : = -1.0198115877278E+25
fil : = 488.44875538374
fipunto1 : = 5.7916757408252E+17
fi_gradi : = 27986.052191906
t1 : = 1.0809533580637E-14
tpunto1 : = 1.0003626735557
tduepunti0 : = 2.1474318675382E+14
v=v_elettrone : = 2809863.7803808
x0= : -3.1983256103144E-13
y0= : -4.6299039351414E-12
*****
i=34880
k(34880)=0.99999624308687
kQ(34880)=0.99999248618785
r1= : 4.6407454311608E-12
rpunto1 : = -821769.85536321
rduepunti0 : = -1.019850584765E+25
fil : = 488.44882330776
fipunto1 : = 5.7919159415102E+17
fi_gradi : = 27986.056083666
t1 : = 1.0809533697959E-14
tpunto1 : = 1.0003626987783
tduepunti0 : = 2.1506555580002E+14
v=v_elettrone : = 2810265.9687431
x0= : -3.1951147568438E-13
y0= : -4.6298297803381E-12
```

```
*****
i=34881
k(34881)=0.99999623214226
kQ(34881)=0.99999246429872
r1= : 4.6406490550659E-12
rpunto1 : = -822965.96860755
rduepunti0 : = -1.0198896409523E+25
fil : = 488.44889123459
fipunto1 : = 5.7921565072764E+17
fi_gradi : = 27986.059975587
t1 : = 1.080953381528E-14
tpunto1 : = 1.0003627240387
tduepunti0 : = 2.1538797640856E+14
v=v_elettrone : = 2810668.7021878
x0= : -3.1919037921609E-13
y0= : -4.6297554642395E-12
*****
i=34882
k(34882)=0.99999622118132
kQ(34882)=0.99999244237692
r1= : 4.6405525386925E-12
rpunto1 : = -824162.12772585
rduepunti0 : = -1.0199287563018E+25
fil : = 488.44895916424
fipunto1 : = 5.7923974382039E+17
fi_gradi : = 27986.063867669
t1 : = 1.0809533932601E-14
tpunto1 : = 1.000362749337
tduepunti0 : = 2.1571044866143E+14
v=v_elettrone : = 2811071.9805439
x0= : -3.1886927163713E-13
y0= : -4.629680986838E-12
*****
i=34883
k(34883)=0.99999621020404
kQ(34883)=0.99999242042243
r1= : 4.640455882035E-12
rpunto1 : = -825358.33278753
rduepunti0 : = -1.0199679308257E+25
fil : = 488.44902709672
fipunto1 : = 5.7926387343729E+17
fi_gradi : = 27986.067759914
t1 : = 1.0809534049922E-14
tpunto1 : = 1.000362774673
tduepunti0 : = 2.1603297264065E+14
v=v_elettrone : = 2811475.8057887
x0= : -3.185481529581E-13
y0= : -4.6296063481264E-12
*****
i=34884
k(34884)=0.99999619921041
kQ(34884)=0.99999239843526
r1= : 4.6403590850882E-12
rpunto1 : = -826554.58386199
rduepunti0 : = -1.0200071645361E+25
fil : = 488.44909503203
fipunto1 : = 5.7928803958638E+17
fi_gradi : = 27986.07165232
t1 : = 1.0809534167243E-14
tpunto1 : = 1.0003628000469
tduepunti0 : = 2.1635554842828E+14
v=v_elettrone : = 2811880.1755929
x0= : -3.1822702318931E-13
y0= : -4.629531548097E-12
```

```
*****
i=34885
k(34885)=0.99999618820043
kQ(34885)=0.99999237641539
r1= : 4.6402621478467E-12
rpunto1: = -827750.88101865
rduepunti0 : = -1.0200464574451E+25
fil : = 488.44916297018
fipunto1 : = 5.793122422757E+17
fi_gradi : = 27986.075544889
t1 : = 1.0809534284565E-14
tpunto1 : = 1.0003628254587
tduepunti0 : = 2.166781761064E+14
v=v_elettrone : = 2812285.089792
x0= : -3.1790588234136E-13
y0= : -4.6294565867425E-12
*****
i=34886
k(34886)=0.99999617717411
kQ(34886)=0.99999235436283
r1= : 4.6401650703049E-12
rpunto1: = -828947.22432697
rduepunti0 : = -1.0200858095649E+25
fil : = 488.44923091116
fipunto1 : = 5.793364815133E+17
fi_gradi : = 27986.079437621
t1 : = 1.0809534401886E-14
tpunto1 : = 1.0003628509082
tduepunti0 : = 2.1700085575715E+14
v=v_elettrone : = 2812690.5503498
x0= : -3.1758473042486E-13
y0= : -4.6293814640554E-12
*****
i=34887
k(34887)=0.99999616613143
kQ(34887)=0.99999233227756
r1= : 4.6400678524576E-12
rpunto1: = -830143.6138564
rduepunti0 : = -1.0201252209076E+25
fil : = 488.44929885499
fipunto1 : = 5.7936075730727E+17
fi_gradi : = 27986.083330515
t1 : = 1.0809534519207E-14
tpunto1 : = 1.0003628763957
tduepunti0 : = 2.1732358746267E+14
v=v_elettrone : = 2813096.5549541
x0= : -3.1726356745013E-13
y0= : -4.6293061800281E-12
*****
i=34888
k(34888)=0.9999961550724
kQ(34888)=0.99999231015958
r1= : 4.6399704942993E-12
rpunto1: = -831340.04967641
rduepunti0 : = -1.0201646914856E+25
fil : = 488.44936680166
fipunto1 : = 5.7938506966567E+17
fi_gradi : = 27986.087223573
t1 : = 1.0809534636528E-14
tpunto1 : = 1.000362901921
tduepunti0 : = 2.1764637130517E+14
v=v_elettrone : = 2813503.103421
x0= : -3.1694239342779E-13
y0= : -4.6292307346533E-12
```

```
*****
i=34889
k(34889)=0.99999614399701
kQ(34889)=0.99999228800889
r1= : 4.6398729958246E-12
rpunto1 : = -832536.53185648
rduepunti0 : = -1.020204221311E+25
fil : = 488.44943475118
fipunto1 : = 5.7940941859662E+17
fi_gradi : = 27986.091116794
t1 : = 1.080953475385E-14
tpunto1 : = 1.0003629274841
tduepunti0 : = 2.1796920736686E+14
v=v_elettrone : = 2813910.1977281
x0= : -3.1662120836846E-13
y0= : -4.6291551279234E-12
*****
i=34890
k(34890)=0.99999613290526
kQ(34890)=0.99999226582548
r1= : 4.639775357028E-12
rpunto1 : = -833733.06046611
rduepunti0 : = -1.020243810396E+25
fil : = 488.44950270356
fipunto1 : = 5.7943380410822E+17
fi_gradi : = 27986.095010178
t1 : = 1.0809534871171E-14
tpunto1 : = 1.0003629530851
tduepunti0 : = 2.1829209573001E+14
v=v_elettrone : = 2814317.8377072
x0= : -3.1630001228248E-13
y0= : -4.6290793598309E-12
*****
i=34891
k(34891)=0.99999612179716
kQ(34891)=0.99999224360935
r1= : 4.639677577904E-12
rpunto1 : = -834929.63557481
rduepunti0 : = -1.020283458753E+25
fil : = 488.4495706588
fipunto1 : = 5.7945822620859E+17
fi_gradi : = 27986.098903727
t1 : = 1.0809534988492E-14
tpunto1 : = 1.000362978724
tduepunti0 : = 2.1861503647691E+14
v=v_elettrone : = 2814726.0210224
x0= : -3.1597880518023E-13
y0= : -4.6290034303682E-12
*****
i=34892
k(34892)=0.99999611067268
kQ(34892)=0.99999222136049
r1= : 4.6395796584474E-12
rpunto1 : = -836126.25725212
rduepunti0 : = -1.0203231663942E+25
fil : = 488.44963861691
fipunto1 : = 5.7948268490587E+17
fi_gradi : = 27986.102797439
t1 : = 1.0809535105813E-14
tpunto1 : = 1.0003630044008
tduepunti0 : = 2.1893802968989E+14
v=v_elettrone : = 2815134.7475093
x0= : -3.1565758707232E-13
y0= : -4.6289273395279E-12
```

```

*****
i=34893
k(34893)=0.99999609953184
kQ(34893)=0.9999921990789
r1= : 4.6394815986525E-12
rpunto1 : = -837322.92556757
rduepunti0 : = -1.0203629333319E+25
fil : = 488.44970657788
fipunto1 : = 5.7950718020821E+17
fi_gradi : = 27986.106691316
t1 : = 1.0809535223135E-14
tpunto1 : = 1.0003630301154
tduepunti0 : = 2.192610754513E+14
v=v_elettrone : = 2815544.0191359
x0= : -3.153363579694E-13
y0= : -4.6288510873025E-12
*****
i=34894
k(34894)=0.99999608837463
kQ(34894)=0.99999217676457
r1= : 4.6393833985138E-12
rpunto1 : = -838519.64059073
rduepunti0 : = -1.0204027595785E+25
fil : = 488.44977454172
fipunto1 : = 5.7953171212377E+17
fi_gradi : = 27986.110585357
t1 : = 1.0809535340456E-14
tpunto1 : = 1.000363055868
tduepunti0 : = 2.1958417384355E+14
v=v_elettrone : = 2815953.8335818
x0= : -3.1501511788184E-13
y0= : -4.6287746736842E-12
*****
i=34895
k(34895)=0.99999607720105
kQ(34895)=0.99999215441749
r1= : 4.6392850580261E-12
rpunto1 : = -839716.40239115
rduepunti0 : = -1.0204426451463E+25
fil : = 488.44984250845
fipunto1 : = 5.7955628066074E+17
fi_gradi : = 27986.114479564
t1 : = 1.0809535457777E-14
tpunto1 : = 1.0003630816584
tduepunti0 : = 2.1990732494906E+14
v=v_elettrone : = 2816364.1928167
x0= : -3.1469386682029E-13
y0= : -4.6286980986657E-12
*****
i=34896
k(34896)=0.9999960660111
kQ(34896)=0.99999213203767
r1= : 4.6391865771836E-12
rpunto1 : = -840913.21103844
rduepunti0 : = -1.0204825900476E+25
fil : = 488.44991047805
fipunto1 : = 5.7958088582729E+17
fi_gradi : = 27986.118373935
t1 : = 1.0809535575099E-14
tpunto1 : = 1.0003631074867
tduepunti0 : = 2.2023052885029E+14
v=v_elettrone : = 2816775.0966628
x0= : -3.1437260479513E-13
y0= : -4.6286213622393E-12

```



```
*****
i=34897
k(34897)=0.99999605480476
kQ(34897)=0.99999210962509
r1= : 4.639087955981E-12
rpunto1 : = -842110.06660218
rduepunti0 : = -1.0205225942949E+25
fil : = 488.44997845054
fipunto1 : = 5.7960552763162E+17
fi_gradi : = 27986.122268472
t1 : = 1.080953569242E-14
tpunto1 : = 1.000363133353
tduepunti0 : = 2.2055378562976E+14
v=v_elettrone : = 2817186.5428039
x0= : -3.1405133181675E-13
y0= : -4.6285444643975E-12
*****
i=34898
k(34898)=0.99999604358205
kQ(34898)=0.99999208717976
r1= : 4.6389891944128E-12
rpunto1 : = -843306.969152
rduepunti0 : = -1.0205626579006E+25
fil : = 488.45004642592
fipunto1 : = 5.7963020608197E+17
fi_gradi : = 27986.126163174
t1 : = 1.0809535809741E-14
tpunto1 : = 1.0003631592572
tduepunti0 : = 2.2087709536997E+14
v=v_elettrone : = 2817598.5332068
x0= : -3.1373004789583E-13
y0= : -4.6284674051327E-12
*****
i=34899
k(34899)=0.99999603234296
kQ(34899)=0.99999206470166
r1= : 4.6388902924734E-12
rpunto1 : = -844503.91875752
rduepunti0 : = -1.020602780877E+25
fil : = 488.45011440419
fipunto1 : = 5.7965492118654E+17
fi_gradi : = 27986.130058042
t1 : = 1.0809535927062E-14
tpunto1 : = 1.0003631851993
tduepunti0 : = 2.2120045815352E+14
v=v_elettrone : = 2818011.065548
x0= : -3.1340875304275E-13
y0= : -4.6283901844372E-12
*****
i=34900
k(34900)=0.99999602108748
kQ(34900)=0.99999204219079
r1= : 4.6387912501572E-12
rpunto1 : = -845700.91548838
rduepunti0 : = -1.0206429632366E+25
fil : = 488.45018238536
fipunto1 : = 5.7967967295359E+17
fi_gradi : = 27986.133953077
t1 : = 1.0809536044384E-14
tpunto1 : = 1.0003632111793
tduepunti0 : = 2.2152387406299E+14
v=v_elettrone : = 2818424.1418002
x0= : -3.1308744726819E-13
y0= : -4.6283128023035E-12
```

```
*****
i=34901
k(34901)=0.99999600981561
kQ(34901)=0.99999201964715
r1= : 4.6386920674589E-12
rpunto1 : = -846897.95941425
rduepunti0 : = -1.0206832049919E+25
fil : = 488.45025036944
fipunto1 : = 5.7970446139136E+17
fi_gradi : = 27986.137848277
t1 : = 1.0809536161705E-14
tpunto1 : = 1.0003632371973
tduepunti0 : = 2.2184734318102E+14
v=v_elettrone : = 2818837.7596421
x0= : -3.1276613058256E-13
y0= : -4.628235258724E-12
*****
i=34902
k(34902)=0.99999599852736
kQ(34902)=0.99999199707073
r1= : 4.6385927443729E-12
rpunto1 : = -848095.0506048
rduepunti0 : = -1.0207235061554E+25
fil : = 488.45031835642
fipunto1 : = 5.7972928650813E+17
fi_gradi : = 27986.141743644
t1 : = 1.0809536279026E-14
tpunto1 : = 1.0003632632532
tduepunti0 : = 2.2217086559028E+14
v=v_elettrone : = 2819251.923185
x0= : -3.1244480299654E-13
y0= : -4.628157553691E-12
*****
i=34903
k(34903)=0.99999598722271
kQ(34903)=0.99999197446153
r1= : 4.6384932808935E-12
rpunto1 : = -849292.18912972
rduepunti0 : = -1.0207638667395E+25
fil : = 488.45038634631
fipunto1 : = 5.7975414831217E+17
fi_gradi : = 27986.145639178
t1 : = 1.0809536396348E-14
tpunto1 : = 1.000363289347
tduepunti0 : = 2.2249444137348E+14
v=v_elettrone : = 2819666.6258188
x0= : -3.1212346452031E-13
y0= : -4.6280796871969E-12
*****
i=34904
k(34904)=0.99999597590167
kQ(34904)=0.99999195181954
r1= : 4.6383936770153E-12
rpunto1 : = -850489.3750587
rduepunti0 : = -1.0208042867568E+25
fil : = 488.45045433912
fipunto1 : = 5.7977904681178E+17
fi_gradi : = 27986.149534879
t1 : = 1.0809536513669E-14
tpunto1 : = 1.0003633154789
tduepunti0 : = 2.2281807061336E+14
v=v_elettrone : = 2820081.8738023
x0= : -3.118021151648E-13
y0= : -4.628001659234E-12
```

```
*****
i=34905
k(34905)=0.99999596456423
kQ(34905)=0.99999192914475
r1= : 4.6382939327327E-12
rpunto1 : = -851686.60846147
rduepunti0 : = -1.0208447662199E+25
fil : = 488.45052233485
fipunto1 : = 5.7980398201526E+17
fi_gradi : = 27986.153430747
t1 : = 1.080953663099E-14
tpunto1 : = 1.0003633416486
tduepunti0 : = 2.2314175339269E+14
v=v_elettrone : = 2820497.6626709
x0= : -3.1148075494019E-13
y0= : -4.6279234697948E-12
*****
i=34906
k(34906)=0.99999595321039
kQ(34906)=0.99999190643716
r1= : 4.6381940480401E-12
rpunto1 : = -852883.88940775
rduepunti0 : = -1.0208853051412E+25
fil : = 488.4505903335
fipunto1 : = 5.7982895393094E+17
fi_gradi : = 27986.157326783
t1 : = 1.0809536748311E-14
tpunto1 : = 1.0003633678564
tduepunti0 : = 2.2346548979429E+14
v=v_elettrone : = 2820913.9943849
x0= : -3.1115938385718E-13
y0= : -4.6278451188715E-12
*****
i=34907
k(34907)=0.99999594184015
kQ(34907)=0.99999188369677
r1= : 4.638094022932E-12
rpunto1 : = -854081.2179673
rduepunti0 : = -1.0209259035334E+25
fil : = 488.45065833508
fipunto1 : = 5.7985396256715E+17
fi_gradi : = 27986.161222987
t1 : = 1.0809536865633E-14
tpunto1 : = 1.0003633941021
tduepunti0 : = 2.2378927990098E+14
v=v_elettrone : = 2821330.8687766
x0= : -3.1083800192622E-13
y0= : -4.6277666064565E-12
*****
i=34908
k(34908)=0.99999593045351
kQ(34908)=0.99999186092357
r1= : 4.6379938574028E-12
rpunto1 : = -855278.59420988
rduepunti0 : = -1.0209665614091E+25
fil : = 488.4507263396
fipunto1 : = 5.7987900793223E+17
fi_gradi : = 27986.165119359
t1 : = 1.0809536982954E-14
tpunto1 : = 1.0003634203858
tduepunti0 : = 2.2411312379566E+14
v=v_elettrone : = 2821748.2856614
x0= : -3.1051660915776E-13
y0= : -4.627687932542E-12
```

```
*****
i=34909
k(34909)=0.99999591905045
kQ(34909)=0.99999183811756
r1= : 4.6378935514468E-12
rpunto1 : = -856476.01820525
rduepunti0 : = -1.0210072787809E+25
fil : = 488.45079434705
fipunto1 : = 5.7990409003455E+17
fi_gradi : = 27986.169015899
t1 : = 1.0809537100275E-14
tpunto1 : = 1.0003634467075
tduepunti0 : = 2.2443702156125E+14
v=v_elettrone : = 2822166.2427251
x0= : -3.1019520556225E-13
y0= : -4.6276090971205E-12
*****
i=34910
k(34910)=0.99999590763099
kQ(34910)=0.99999181527873
r1= : 4.6377931050585E-12
rpunto1 : = -857673.49002322
rduepunti0 : = -1.0210480556614E+25
fil : = 488.45086235745
fipunto1 : = 5.7992920888247E+17
fi_gradi : = 27986.172912607
t1 : = 1.0809537217597E-14
tpunto1 : = 1.0003634730671
tduepunti0 : = 2.2476097328068E+14
v=v_elettrone : = 2822584.7419296
x0= : -3.0987379115042E-13
y0= : -4.6275301001841E-12
*****
i=34911
k(34911)=0.99999589619511
kQ(34911)=0.99999179240707
r1= : 4.6376925182323E-12
rpunto1 : = -858871.00973359
rduepunti0 : = -1.0210888920633E+25
fil : = 488.45093037079
fipunto1 : = 5.7995436448438E+17
fi_gradi : = 27986.176809485
t1 : = 1.0809537334918E-14
tpunto1 : = 1.0003634994648
tduepunti0 : = 2.2508497903694E+14
v=v_elettrone : = 2823003.7830933
x0= : -3.0955236593273E-13
y0= : -4.6274509417253E-12
*****
i=34912
k(34912)=0.99999588474282
kQ(34912)=0.99999176950258
r1= : 4.6375917909626E-12
rpunto1 : = -860068.57740617
rduepunti0 : = -1.0211297879992E+25
fil : = 488.45099838708
fipunto1 : = 5.7997955684868E+17
fi_gradi : = 27986.180706531
t1 : = 1.0809537452239E-14
tpunto1 : = 1.0003635259005
tduepunti0 : = 2.2540903891305E+14
v=v_elettrone : = 2823423.3660489
x0= : -3.0923092991966E-13
y0= : -4.6273716217362E-12
```

```

*****
i=34913
k(34913)=0.99999587327411
kQ(34913)=0.99999174656526
r1= : 4.6374909232436E-12
rpunto1 : = -861266.19311081
rduepunti0 : = -1.021170743482E+25
fil : = 488.45106640632
fipunto1 : = 5.8000478598379E+17
fi_gradi : = 27986.184603747
t1 : = 1.0809537569561E-14
tpunto1 : = 1.0003635523742
tduepunti0 : = 2.2573315299207E+14
v=v_elettrone : = 2823843.4884697
x0= : -3.0890948312168E-13
y0= : -4.6272921402091E-12
*****
i=34914
k(34914)=0.99999586178898
kQ(34914)=0.99999172359509
r1= : 4.6373899150699E-12
rpunto1 : = -862463.85691736
rduepunti0 : = -1.0212117585242E+25
fil : = 488.45113442852
fipunto1 : = 5.8003005189812E+17
fi_gradi : = 27986.188501132
t1 : = 1.0809537686882E-14
tpunto1 : = 1.0003635788859
tduepunti0 : = 2.2605732135709E+14
v=v_elettrone : = 2824264.1544618
x0= : -3.0858802554953E-13
y0= : -4.6272124971363E-12
*****
i=34915
k(34915)=0.99999585028743
kQ(34915)=0.99999170059208
r1= : 4.6372887664357E-12
rpunto1 : = -863661.56889568
rduepunti0 : = -1.0212528331386E+25
fil : = 488.45120245369
fipunto1 : = 5.8005535460012E+17
fi_gradi : = 27986.192398687
t1 : = 1.0809537804203E-14
tpunto1 : = 1.0003636054356
tduepunti0 : = 2.2638154409123E+14
v=v_elettrone : = 2824685.3595664
x0= : -3.0826655721344E-13
y0= : -4.6271326925101E-12
*****
i=34916
k(34916)=0.99999583876945
kQ(34916)=0.99999167755622
r1= : 4.6371874773354E-12
rpunto1 : = -864859.32911565
rduepunti0 : = -1.0212939673381E+25
fil : = 488.45127048182
fipunto1 : = 5.8008069409824E+17
fi_gradi : = 27986.196296412
t1 : = 1.0809537921525E-14
tpunto1 : = 1.0003636320234
tduepunti0 : = 2.2670582127766E+14
v=v_elettrone : = 2825107.1057433
x0= : -3.0794507812416E-13
y0= : -4.6270527263226E-12

```

```
*****
i=34917
k(34917)=0.99999582723505
kQ(34917)=0.9999916544875
r1= : 4.6370860477634E-12
rpunto1: = -866057.13764717
rduepunti0 : = -1.0213351611353E+25
fil : = 488.45133851293
fipunto1 : = 5.8010607040093E+17
fi_gradi : = 27986.200194307
t1 : = 1.0809538038846E-14
tpunto1 : = 1.0003636586492
tduepunti0 : = 2.2703015299956E+14
v=v_elettrone : = 2825529.39496
x0= : -3.076235882922E-13
y0= : -4.6269725985662E-12
*****
i=34918
k(34918)=0.99999581568421
kQ(34918)=0.99999163138593
r1= : 4.6369844777139E-12
rpunto1: = -867254.99456014
rduepunti0 : = -1.0213764145431E+25
fil : = 488.45140654701
fipunto1 : = 5.8013148351669E+17
fi_gradi : = 27986.204092373
t1 : = 1.0809538156167E-14
tpunto1 : = 1.000363685313
tduepunti0 : = 2.2735453934017E+14
v=v_elettrone : = 2825952.2227484
x0= : -3.073020877278E-13
y0= : -4.6268923092331E-12
*****
i=34919
k(34919)=0.99999580411694
kQ(34919)=0.99999160825148
r1= : 4.6368827671814E-12
rpunto1: = -868452.8999245
rduepunti0 : = -1.0214177275743E+25
fil : = 488.45147458407
fipunto1 : = 5.8015693345401E+17
fi_gradi : = 27986.207990609
t1 : = 1.0809538273489E-14
tpunto1 : = 1.0003637120149
tduepunti0 : = 2.2767898038277E+14
v=v_elettrone : = 2826375.5910793
x0= : -3.0698057644172E-13
y0= : -4.6268118583153E-12
*****
i=34920
k(34920)=0.99999579253323
kQ(34920)=0.99999158508417
r1= : 4.6367809161601E-12
rpunto1: = -869650.85381018
rduepunti0 : = -1.0214591002416E+25
fil : = 488.45154262412
fipunto1 : = 5.8018242022137E+17
fi_gradi : = 27986.211889017
t1 : = 1.080953839081E-14
tpunto1 : = 1.0003637387549
tduepunti0 : = 2.2800347621064E+14
v=v_elettrone : = 2826799.4997725
x0= : -3.0665905444448E-13
y0= : -4.6267312458053E-12
```

```
*****
i=34921
k(34921)=0.99999578093309
kQ(34921)=0.99999156188397
r1= : 4.6366789246443E-12
rpunto1 : = -870848.85628714
rduepunti0 : = -1.0215005325581E+25
fil : = 488.45161066716
fipunto1 : = 5.8020794382732E+17
fi_gradi : = 27986.215787595
t1 : = 1.0809538508131E-14
tpunto1 : = 1.0003637655329
tduepunti0 : = 2.2832802690714E+14
v=v_elettrone : = 2827223.9486471
x0= : -3.063375217466E-13
y0= : -4.6266504716951E-12
*****
i=34922
k(34922)=0.9999957693165
kQ(34922)=0.9999915386509
r1= : 4.6365767926283E-12
rpunto1 : = -872046.90742535
rduepunti0 : = -1.0215420245365E+25
fil : = 488.45167871319
fipunto1 : = 5.8023350428036E+17
fi_gradi : = 27986.219686346
t1 : = 1.0809538625453E-14
tpunto1 : = 1.000363792349
tduepunti0 : = 2.2865263255563E+14
v=v_elettrone : = 2827648.9375227
x0= : -3.060159783586E-13
y0= : -4.6265695359769E-12
*****
i=34923
k(34923)=0.99999575768347
kQ(34923)=0.99999151538494
r1= : 4.6364745201065E-12
rpunto1 : = -873245.0072948
rduepunti0 : = -1.0215835761898E+25
fil : = 488.45174676221
fipunto1 : = 5.8025910158906E+17
fi_gradi : = 27986.223585268
t1 : = 1.0809538742774E-14
tpunto1 : = 1.0003638192031
tduepunti0 : = 2.2897729323952E+14
v=v_elettrone : = 2828074.466223
x0= : -3.0569442429102E-13
y0= : -4.626488438643E-12
*****
i=34924
k(34924)=0.99999574603399
kQ(34924)=0.99999149208608
r1= : 4.6363721070731E-12
rpunto1 : = -874443.15596548
rduepunti0 : = -1.0216251875309E+25
fil : = 488.45181481424
fipunto1 : = 5.8028473576197E+17
fi_gradi : = 27986.227484362
t1 : = 1.0809538860096E-14
tpunto1 : = 1.0003638460954
tduepunti0 : = 2.2930200904227E+14
v=v_elettrone : = 2828500.5345685
x0= : -3.053728595544E-13
y0= : -4.6264071796854E-12
```

```
*****
i=34925
k(34925)=0.99999573436807
kQ(34925)=0.99999146875433
r1= : 4.6362695535224E-12
rpunto1: = -875641.35350742
rduepunti0 : = -1.0216668585727E+25
fil : = 488.45188286928
fipunto1 : = 5.8031040680765E+17
fi_gradi : = 27986.231383628
t1 : = 1.0809538977417E-14
tpunto1 : = 1.0003638730257
tduepunti0 : = 2.2962678004735E+14
v=v_elettrone : = 2828927.1423819
x0= : -3.0505128415926E-13
y0= : -4.6263257590963E-12
*****
i=34926
k(34926)=0.99999572268569
kQ(34926)=0.99999144538967
r1= : 4.6361668594486E-12
rpunto1: = -876839.59999064
rduepunti0 : = -1.0217085893281E+25
fil : = 488.45195092733
fipunto1 : = 5.803361147347E+17
fi_gradi : = 27986.235283067
t1 : = 1.0809539094738E-14
tpunto1 : = 1.0003638999941
tduepunti0 : = 2.2995160633828E+14
v=v_elettrone : = 2829354.289479
x0= : -3.0472969811617E-13
y0= : -4.6262441768679E-12
*****
i=34927
k(34927)=0.99999571098686
kQ(34927)=0.99999142199211
r1= : 4.636064024846E-12
rpunto1: = -878037.89548519
rduepunti0 : = -1.0217503798102E+25
fil : = 488.45201898839
fipunto1 : = 5.803618595517E+17
fi_gradi : = 27986.239182679
t1 : = 1.080953921206E-14
tpunto1 : = 1.0003639270006
tduepunti0 : = 2.3027648799861E+14
v=v_elettrone : = 2829781.9778207
x0= : -3.0440810143567E-13
y0= : -4.6261624329924E-12
*****
i=34928
k(34928)=0.99999569927157
kQ(34928)=0.99999139856163
r1= : 4.635961049709E-12
rpunto1: = -879236.24006114
rduepunti0 : = -1.0217922300319E+25
fil : = 488.45208705247
fipunto1 : = 5.8038764126728E+17
fi_gradi : = 27986.243082463
t1 : = 1.0809539329381E-14
tpunto1 : = 1.0003639540453
tduepunti0 : = 2.3060142511194E+14
v=v_elettrone : = 2830210.2029536
x0= : -3.0408649412806E-13
y0= : -4.6260805274617E-12
```



```
*****
i=34929
k(34929)=0.99999568753982
kQ(34929)=0.99999137509823
r1= : 4.6358579340316E-12
rpunto1 : = -880434.63378856
rduepunti0 : = -1.0218341400063E+25
fil : = 488.45215511957
fipunto1 : = 5.8041345989005E+17
fi_gradi : = 27986.246982421
t1 : = 1.0809539446702E-14
tpunto1 : = 1.000363981128
tduepunti0 : = 2.309264177619E+14
v=v_elettrone : = 2830638.9668315
x0= : -3.0376487620416E-13
y0= : -4.6259984602681E-12
*****
i=34930
k(34930)=0.99999567579161
kQ(34930)=0.99999135160191
r1= : 4.6357546778082E-12
rpunto1 : = -881633.07673753
rduepunti0 : = -1.0218761097464E+25
fil : = 488.4522231897
fipunto1 : = 5.8043931542866E+17
fi_gradi : = 27986.250882552
t1 : = 1.0809539564024E-14
tpunto1 : = 1.0003640082489
tduepunti0 : = 2.3125146603214E+14
v=v_elettrone : = 2831068.2714178
x0= : -3.0344324767455E-13
y0= : -4.6259162314037E-12
*****
i=34931
k(34931)=0.99999566402693
kQ(34931)=0.99999132807266
r1= : 4.6356512810329E-12
rpunto1 : = -882831.56897818
rduepunti0 : = -1.0219181392653E+25
fil : = 488.45229126287
fipunto1 : = 5.8046520789174E+17
fi_gradi : = 27986.254782857
t1 : = 1.0809539681345E-14
tpunto1 : = 1.0003640354079
tduepunti0 : = 2.3157657000636E+14
v=v_elettrone : = 2831498.1143893
x0= : -3.0312160854953E-13
y0= : -4.6258338408606E-12
*****
i=34932
k(34932)=0.99999565224579
kQ(34932)=0.99999130451047
r1= : 4.6355477437001E-12
rpunto1 : = -884030.11058063
rduepunti0 : = -1.021960228576E+25
fil : = 488.45235933907
fipunto1 : = 5.8049113728798E+17
fi_gradi : = 27986.258683336
t1 : = 1.0809539798667E-14
tpunto1 : = 1.000364062605
tduepunti0 : = 2.319017297683E+14
v=v_elettrone : = 2831928.4955723
x0= : -3.0279995883969E-13
y0= : -4.6257512886308E-12
```

```
*****
i=34933
k(34933)=0.99999564044817
kQ(34933)=0.99999128091535
r1= : 4.6354440658039E-12
rpunto1: = -885228.701615
rduepunti0 : = -1.0220023776916E+25
fil : = 488.45242741831
fipunto1 : = 5.8051710362603E+17
fi_gradi : = 27986.262583989
t1 : = 1.0809539915988E-14
tpunto1 : = 1.0003640898403
tduepunti0 : = 2.3222694540173E+14
v=v_elettrone : = 2832359.4147787
x0= : -3.0247829855561E-13
y0= : -4.6256685747064E-12
*****
i=34934
k(34934)=0.99999562863408
kQ(34934)=0.99999125728728
r1= : 4.6353402473384E-12
rpunto1: = -886427.34215147
rduepunti0 : = -1.0220445866252E+25
fil : = 488.4524955006
fipunto1 : = 5.805431069146E+17
fi_gradi : = 27986.266484817
t1 : = 1.0809540033309E-14
tpunto1 : = 1.0003641171137
tduepunti0 : = 2.3255221699047E+14
v=v_elettrone : = 2832790.8739703
x0= : -3.0215662770787E-13
y0= : -4.6255856990795E-12
*****
i=34935
k(34935)=0.99999561680352
kQ(34935)=0.99999123362625
r1= : 4.635236288298E-12
rpunto1: = -887626.03226018
rduepunti0 : = -1.0220868553901E+25
fil : = 488.45256358594
fipunto1 : = 5.805691471624E+17
fi_gradi : = 27986.27038582
t1 : = 1.0809540150631E-14
tpunto1 : = 1.0003641444253
tduepunti0 : = 2.3287754461834E+14
v=v_elettrone : = 2833222.8686952
x0= : -3.0183494630683E-13
y0= : -4.6255026617421E-12
*****
i=34936
k(34936)=0.99999560495648
kQ(34936)=0.99999120993227
r1= : 4.6351321886768E-12
rpunto1: = -888824.77201134
rduepunti0 : = -1.0221291839993E+25
fil : = 488.45263167433
fipunto1 : = 5.8059522437812E+17
fi_gradi : = 27986.274286997
t1 : = 1.0809540267952E-14
tpunto1 : = 1.000364171775
tduepunti0 : = 2.3320292836924E+14
v=v_elettrone : = 2833655.40304
x0= : -3.0151325436334E-13
y0= : -4.6254194626864E-12
```

```
*****
i=34937
k(34937)=0.99999559309295
kQ(34937)=0.99999118620533
r1= : 4.6350279484689E-12
rpunto1: = -890023.56147513
rduepunti0 : = -1.022171572466E+25
fil : = 488.45269976578
fipunto1 : = 5.8062133857052E+17
fi_gradi : = 27986.27818835
t1 : = 1.0809540385273E-14
tpunto1 : = 1.0003641991629
tduepunti0 : = 2.3352836832709E+14
v=v_elettrone : = 2834088.4768253
x0= : -3.0119155188774E-13
y0= : -4.6253361019043E-12
*****
i=34938
k(34938)=0.99999558121295
kQ(34938)=0.99999116244542
r1= : 4.6349235676686E-12
rpunto1: = -891222.40072179
rduepunti0 : = -1.0222140208034E+25
fil : = 488.45276786029
fipunto1 : = 5.8064748974832E+17
fi_gradi : = 27986.282089878
t1 : = 1.0809540502595E-14
tpunto1 : = 1.000364226589
tduepunti0 : = 2.3385386457583E+14
v=v_elettrone : = 2834522.0856028
x0= : -3.0086983889039E-13
y0= : -4.6252525793879E-12
*****
i=34939
k(34939)=0.99999556931646
kQ(34939)=0.99999113865254
r1= : 4.63481904627E-12
rpunto1: = -892421.28982152
rduepunti0 : = -1.0222565290248E+25
fil : = 488.45283595787
fipunto1 : = 5.8067367792029E+17
fi_gradi : = 27986.285991582
t1 : = 1.0809540619916E-14
tpunto1 : = 1.0003642540533
tduepunti0 : = 2.3417941719946E+14
v=v_elettrone : = 2834956.2334559
x0= : -3.0054811538216E-13
y0= : -4.6251688951291E-12
*****
i=34940
k(34940)=0.99999555740347
kQ(34940)=0.99999111482668
r1= : 4.6347143842672E-12
rpunto1: = -893620.2288446
rduepunti0 : = -1.0222990971433E+25
fil : = 488.45290405852
fipunto1 : = 5.8069990309521E+17
fi_gradi : = 27986.289893462
t1 : = 1.0809540737238E-14
tpunto1 : = 1.0003642815557
tduepunti0 : = 2.3450502628201E+14
v=v_elettrone : = 2835390.9180779
x0= : -3.0022638137343E-13
y0= : -4.6250850491201E-12
```

```
*****
i=34941
k(34941)=0.999995545474
kQ(34941)=0.99999109096784
r1= : 4.6346095816544E-12
rpunto1 : = -894819.21786126
rduepunti0 : = -1.0223417251723E+25
fil : = 488.45297216224
fipunto1 : = 5.8072616528184E+17
fi_gradi : = 27986.293795518
t1 : = 1.0809540854559E-14
tpunto1 : = 1.0003643090963
tduepunti0 : = 2.3483069190754E+14
v=v_elettrone : = 2835826.1414125
x0= : -2.9990463687482E-13
y0= : -4.6250010413528E-12
*****
i=34942
k(34942)=0.99999553352803
kQ(34942)=0.99999106707601
r1= : 4.6345046384258E-12
rpunto1 : = -896018.2569418
rduepunti0 : = -1.0223844131249E+25
fil : = 488.45304026905
fipunto1 : = 5.80752464489E+17
fi_gradi : = 27986.29769775
t1 : = 1.0809540971881E-14
tpunto1 : = 1.0003643366752
tduepunti0 : = 2.3515641416015E+14
v=v_elettrone : = 2836261.8990188
x0= : -2.995828818967E-13
y0= : -4.6249168718192E-12
*****
i=34943
k(34943)=0.99999552156556
kQ(34943)=0.99999104315118
r1= : 4.6343995545754E-12
rpunto1 : = -897217.34615651
rduepunti0 : = -1.0224271610146E+25
fil : = 488.45310837894
fipunto1 : = 5.8077880072549E+17
fi_gradi : = 27986.301600159
t1 : = 1.0809541089202E-14
tpunto1 : = 1.0003643642922
tduepunti0 : = 2.3548219312399E+14
v=v_elettrone : = 2836698.1971069
x0= : -2.9926111644998E-13
y0= : -4.6248325405112E-12
*****
i=34944
k(34944)=0.9999955095866
kQ(34944)=0.99999101919336
r1= : 4.6342943300974E-12
rpunto1 : = -898416.48557569
rduepunti0 : = -1.0224699688546E+25
fil : = 488.45317649192
fipunto1 : = 5.8080517400013E+17
fi_gradi : = 27986.305502746
t1 : = 1.0809541206523E-14
tpunto1 : = 1.0003643919475
tduepunti0 : = 2.3580802888323E+14
v=v_elettrone : = 2837135.0291032
x0= : -2.9893934054477E-13
y0= : -4.6247480474209E-12
```

```
*****
i=34945
k(34945)=0.99999549759113
kQ(34945)=0.99999099520253
r1= : 4.6341889649859E-12
rpunto1 : = -899615.67526967
rduepunti0 : = -1.0225128366582E+25
fil : = 488.45324460799
fipunto1 : = 5.8083158432177E+17
fi_gradi : = 27986.309405509
t1 : = 1.0809541323845E-14
tpunto1 : = 1.0003644196409
tduepunti0 : = 2.3613392152209E+14
v=v_elettrone : = 2837572.3990928
x0= : -2.9861755419201E-13
y0= : -4.6246633925402E-12
*****
i=34946
k(34946)=0.99999548557915
kQ(34946)=0.99999097117869
r1= : 4.634083459235E-12
rpunto1 : = -900814.91530879
rduepunti0 : = -1.0225557644389E+25
fil : = 488.45331272716
fipunto1 : = 5.8085803169926E+17
fi_gradi : = 27986.31330845
t1 : = 1.0809541441166E-14
tpunto1 : = 1.0003644473727
tduepunti0 : = 2.364598711248E+14
v=v_elettrone : = 2838010.3068834
x0= : -2.9829575740207E-13
y0= : -4.6245785758611E-12
*****
i=34947
k(34947)=0.99999547355067
kQ(34947)=0.99999094712183
r1= : 4.6339778128388E-12
rpunto1 : = -902014.20576341
rduepunti0 : = -1.0225987522099E+25
fil : = 488.45338084943
fipunto1 : = 5.8088451614146E+17
fi_gradi : = 27986.317211569
t1 : = 1.0809541558488E-14
tpunto1 : = 1.0003644751426
tduepunti0 : = 2.3678587777567E+14
v=v_elettrone : = 2838448.7501737
x0= : -2.9797395018537E-13
y0= : -4.6244935973755E-12
*****
i=34948
k(34948)=0.99999546150568
kQ(34948)=0.99999092303196
r1= : 4.6338720257914E-12
rpunto1 : = -903213.5467039
rduepunti0 : = -1.0226417999848E+25
fil : = 488.45344897481
fipunto1 : = 5.8091103765724E+17
fi_gradi : = 27986.321114865
t1 : = 1.0809541675809E-14
tpunto1 : = 1.0003645029508
tduepunti0 : = 2.3711194155902E+14
v=v_elettrone : = 2838887.7287734
x0= : -2.9765213255256E-13
y0= : -4.6244084570753E-12
```

```
*****
i=34949
k(34949)=0.99999544944417
kQ(34949)=0.99999089890905
r1= : 4.6337660980869E-12
rpunto1: = -904412.93820064
rduepunti0 : = -1.0226849077768E+25
fil : = 488.45351710329
fipunto1 : = 5.809375962555E+17
fi_gradi : = 27986.32501834
t1 : = 1.0809541793131E-14
tpunto1 : = 1.0003645307972
tduepunti0 : = 2.3743806255921E+14
v=v_elettrone : = 2839327.2446392
x0= : -2.9733030451434E-13
y0= : -4.6243231549525E-12
*****
i=34950
k(34950)=0.99999543736615
kQ(34950)=0.99999087475312
r1= : 4.6336600297192E-12
rpunto1: = -905612.38032404
rduepunti0 : = -1.0227280755995E+25
fil : = 488.4535852349
fipunto1 : = 5.8096419194515E+17
fi_gradi : = 27986.328921993
t1 : = 1.0809541910452E-14
tpunto1 : = 1.0003645586819
tduepunti0 : = 2.3776424086063E+14
v=v_elettrone : = 2839767.2954482
x0= : -2.9700846608111E-13
y0= : -4.6242376909989E-12
*****
i=34951
k(34951)=0.99999542527161
kQ(34951)=0.99999085056414
r1= : 4.6335538206826E-12
rpunto1: = -906811.87314452
rduepunti0 : = -1.0227713034663E+25
fil : = 488.45365336962
fipunto1 : = 5.8099082473511E+17
fi_gradi : = 27986.332825825
t1 : = 1.0809542027773E-14
tpunto1 : = 1.0003645866048
tduepunti0 : = 2.3809047654773E+14
v=v_elettrone : = 2840207.883155
x0= : -2.9668661726356E-13
y0= : -4.6241520652066E-12
*****
i=34952
k(34952)=0.99999541316054
kQ(34952)=0.99999082634213
r1= : 4.633447470971E-12
rpunto1: = -908011.41673251
rduepunti0 : = -1.0228145913907E+25
fil : = 488.45372150746
fipunto1 : = 5.810174946343E+17
fi_gradi : = 27986.336729836
t1 : = 1.0809542145095E-14
tpunto1 : = 1.000364614566
tduepunti0 : = 2.3841676970499E+14
v=v_elettrone : = 2840649.0075767
x0= : -2.9636475807213E-13
y0= : -4.6240662775673E-12
```

```
*****
i=34953
k(34953)=0.99999540103296
kQ(34953)=0.99999080208706
r1= : 4.6333409805785E-12
rpunto1 : = -909211.01115846
rduepunti0 : = -1.0228579393861E+25
fil : = 488.45378964844
fipunto1 : = 5.8104420165167E+17
fi_gradi : = 27986.340634026
t1 : = 1.0809542262416E-14
tpunto1 : = 1.0003646425655
tduepunti0 : = 2.387431204169E+14
v=v_elettrone : = 2841090.6664024
x0= : -2.9604288851725E-13
y0= : -4.623980328073E-12
*****
i=34954
k(34954)=0.99999538888884
kQ(34954)=0.99999077779894
r1= : 4.6332343494992E-12
rpunto1 : = -910410.65649284
rduepunti0 : = -1.0229013474662E+25
fil : = 488.45385779254
fipunto1 : = 5.8107094579617E+17
fi_gradi : = 27986.344538396
t1 : = 1.0809542379738E-14
tpunto1 : = 1.0003646706033
tduepunti0 : = 2.3906952876804E+14
v=v_elettrone : = 2841532.8594456
x0= : -2.9572100860961E-13
y0= : -4.6238942167155E-12
*****
i=34955
k(34955)=0.99999537672819
kQ(34955)=0.99999075347776
r1= : 4.633127577727E-12
rpunto1 : = -911610.35280613
rduepunti0 : = -1.0229448156444E+25
fil : = 488.45392593978
fipunto1 : = 5.810977270768E+17
fi_gradi : = 27986.348442945
t1 : = 1.0809542497059E-14
tpunto1 : = 1.0003646986793
tduepunti0 : = 2.3939599484297E+14
v=v_elettrone : = 2841975.5907836
x0= : -2.9539911835994E-13
y0= : -4.6238079434868E-12
*****
i=34956
k(34956)=0.99999536455102
kQ(34956)=0.99999072912352
r1= : 4.633020665256E-12
rpunto1 : = -912810.10016883
rduepunti0 : = -1.0229883439343E+25
fil : = 488.45399409016
fipunto1 : = 5.8112454550252E+17
fi_gradi : = 27986.352347674
t1 : = 1.0809542614381E-14
tpunto1 : = 1.0003647267937
tduepunti0 : = 2.3972251872633E+14
v=v_elettrone : = 2842418.8538507
x0= : -2.9507721777843E-13
y0= : -4.6237215083786E-12
```

```
*****
i=34957
k(34957)=0.9999953523573
kQ(34957)=0.9999907047362
r1= : 4.6329136120802E-12
rpunto1 : = -914009.89865146
rduepunti0 : = -1.0230319323495E+25
fil : = 488.45406224369
fipunto1 : = 5.8115140108233E+17
fi_gradi : = 27986.356252584
t1 : = 1.0809542731702E-14
tpunto1 : = 1.0003647549463
tduepunti0 : = 2.4004910050279E+14
v=v_elettrone : = 2842862.6548432
x0= : -2.9475530687605E-13
y0= : -4.6236349113828E-12
*****
i=34958
k(34958)=0.99999534014705
kQ(34958)=0.99999068031581
r1= : 4.6328064181936E-12
rpunto1 : = -915209.74832454
rduepunti0 : = -1.0230755809035E+25
fil : = 488.45413040037
fipunto1 : = 5.8117829382526E+17
fi_gradi : = 27986.360157674
t1 : = 1.0809542849024E-14
tpunto1 : = 1.0003647831373
tduepunti0 : = 2.4037574025704E+14
v=v_elettrone : = 2843306.9893249
x0= : -2.9443338566301E-13
y0= : -4.6235481524912E-12
*****
i=34959
k(34959)=0.99999532792026
kQ(34959)=0.99999065586234
r1= : 4.6326990835902E-12
rpunto1 : = -916409.64925862
rduepunti0 : = -1.0231192896101E+25
fil : = 488.4541985602
fipunto1 : = 5.8120522374033E+17
fi_gradi : = 27986.364062945
t1 : = 1.0809542966345E-14
tpunto1 : = 1.0003648113665
tduepunti0 : = 2.4070243807382E+14
v=v_elettrone : = 2843751.8592402
x0= : -2.9411145415004E-13
y0= : -4.6234612316957E-12
*****
i=34960
k(34960)=0.99999531567692
kQ(34960)=0.99999063137578
r1= : 4.632591608264E-12
rpunto1 : = -917609.60152426
rduepunti0 : = -1.0231630584828E+25
fil : = 488.45426672319
fipunto1 : = 5.8123219083657E+17
fi_gradi : = 27986.367968396
t1 : = 1.0809543083667E-14
tpunto1 : = 1.0003648396341
tduepunti0 : = 2.4102919403792E+14
v=v_elettrone : = 2844197.2622777
x0= : -2.9378951234762E-13
y0= : -4.6233741489881E-12
```



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*****
i=34961
k(34961)=0.99999530341703
kQ(34961)=0.99999060685613
r1= : 4.6324839922089E-12
rpunto1 : = -918809.60519204
rduepunti0 : = -1.0232068875352E+25
fil : = 488.45433488934
fipunto1 : = 5.8125919512304E+17
fi_gradi : = 27986.371874029
t1 : = 1.0809543200988E-14
tpunto1 : = 1.00036486794
tduepunti0 : = 2.4135600823413E+14
v=v_elettrone : = 2844643.2025103
x0= : -2.9346756026649E-13
y0= : -4.6232869043602E-12
*****
i=34962
k(34962)=0.9999952911406
kQ(34962)=0.99999058230338
r1= : 4.632376235419E-12
rpunto1 : = -920009.66033255
rduepunti0 : = -1.0232507767812E+25
fil : = 488.45440305866
fipunto1 : = 5.8128623660881E+17
fi_gradi : = 27986.375779843
t1 : = 1.080954331831E-14
tpunto1 : = 1.0003648962843
tduepunti0 : = 2.4168288074734E+14
v=v_elettrone : = 2845089.673375
x0= : -2.9314559791688E-13
y0= : -4.6231994978038E-12
*****
i=34963
k(34963)=0.99999527884762
kQ(34963)=0.99999055771752
r1= : 4.6322683378882E-12
rpunto1 : = -921209.76701641
rduepunti0 : = -1.0232947262344E+25
fil : = 488.45447123115
fipunto1 : = 5.8131331530296E+17
fi_gradi : = 27986.379685839
t1 : = 1.0809543435631E-14
tpunto1 : = 1.0003649246669
tduepunti0 : = 2.4200981166241E+14
v=v_elettrone : = 2845536.681062
x0= : -2.9282362530981E-13
y0= : -4.6231119293107E-12
*****
i=34964
k(34964)=0.99999526653807
kQ(34964)=0.99999053309856
r1= : 4.6321602996104E-12
rpunto1 : = -922409.92531424
rduepunti0 : = -1.0233387359084E+25
fil : = 488.45453940682
fipunto1 : = 5.8134043121458E+17
fi_gradi : = 27986.383592017
t1 : = 1.0809543552953E-14
tpunto1 : = 1.0003649530878
tduepunti0 : = 2.4233680106428E+14
v=v_elettrone : = 2845984.223266
x0= : -2.9250164245551E-13
y0= : -4.6230241988726E-12
```

```
*****
i=34965
k(34965)=0.99999525421198
kQ(34965)=0.99999050844647
r1= : 4.6320521205796E-12
rpunto1 : = -923610.13529669
rduepunti0 : = -1.0233828058171E+25
fil : = 488.45460758566
fipunto1 : = 5.8136758435278E+17
fi_gradi : = 27986.387498377
t1 : = 1.0809543670274E-14
tpunto1 : = 1.0003649815471
tduepunti0 : = 2.4266384903793E+14
v=v_elettrone : = 2846432.2976738
x0= : -2.9217964936449E-13
y0= : -4.6229363064814E-12
*****
i=34966
k(34966)=0.99999524186932
kQ(34966)=0.99999048376127
r1= : 4.6319438007898E-12
rpunto1 : = -924810.3970344
rduepunti0 : = -1.0234269359742E+25
fil : = 488.45467576769
fipunto1 : = 5.8139477472668E+17
fi_gradi : = 27986.39140492
t1 : = 1.0809543787596E-14
tpunto1 : = 1.0003650100448
tduepunti0 : = 2.4299095566836E+14
v=v_elettrone : = 2846880.9062338
x0= : -2.9185764604752E-13
y0= : -4.6228482521288E-12
*****
i=34967
k(34967)=0.99999522951009
kQ(34967)=0.99999045904295
r1= : 4.6318353402349E-12
rpunto1 : = -926010.71059806
rduepunti0 : = -1.0234711263935E+25
fil : = 488.45474395291
fipunto1 : = 5.8142200234541E+17
fi_gradi : = 27986.395311645
t1 : = 1.0809543904917E-14
tpunto1 : = 1.0003650385808
tduepunti0 : = 2.4331812104061E+14
v=v_elettrone : = 2847330.0487549
x0= : -2.9153563251513E-13
y0= : -4.6227600358065E-12
*****
i=34968
k(34968)=0.99999521713431
kQ(34968)=0.99999043429149
r1= : 4.6317267389087E-12
rpunto1 : = -927211.07605836
rduepunti0 : = -1.0235153770887E+25
fil : = 488.45481214132
fipunto1 : = 5.8144926721813E+17
fi_gradi : = 27986.399218553
t1 : = 1.0809544022239E-14
tpunto1 : = 1.0003650671552
tduepunti0 : = 2.4364534523977E+14
v=v_elettrone : = 2847779.7229326
x0= : -2.9121360877782E-13
y0= : -4.6226716575062E-12
```

```
*****
i=34969
k(34969)=0.99999520474195
kQ(34969)=0.99999040950689
r1= : 4.6316179968053E-12
rpunto1 : = -928411.49348601
rduepunti0 : = -1.0235596880738E+25
fil : = 488.45488033293
fipunto1 : = 5.81476569354E+17
fi_gradi : = 27986.403125645
t1 : = 1.080954413956E-14
tpunto1 : = 1.000365095768
tduepunti0 : = 2.4397262835096E+14
v=v_elettrone : = 2848229.9328308
x0= : -2.908915748464E-13
y0= : -4.6225831172198E-12
*****
i=34970
k(34970)=0.99999519233302
kQ(34970)=0.99999038468915
r1= : 4.6315091139185E-12
rpunto1 : = -929611.96295172
rduepunti0 : = -1.0236040593625E+25
fil : = 488.45494852775
fipunto1 : = 5.8150390876219E+17
fi_gradi : = 27986.40703292
t1 : = 1.0809544256882E-14
tpunto1 : = 1.0003651244192
tduepunti0 : = 2.4429997045934E+14
v=v_elettrone : = 2848680.6740141
x0= : -2.9056953073114E-13
y0= : -4.6224944149389E-12
*****
i=34971
k(34971)=0.99999517990751
kQ(34971)=0.99999035983826
r1= : 4.6314000902421E-12
rpunto1 : = -930812.48452623
rduepunti0 : = -1.0236484909688E+25
fil : = 488.45501672577
fipunto1 : = 5.8153128545189E+17
fi_gradi : = 27986.410940378
t1 : = 1.0809544374203E-14
tpunto1 : = 1.0003651531088
tduepunti0 : = 2.4462737165012E+14
v=v_elettrone : = 2849131.950547
x0= : -2.9024747644283E-13
y0= : -4.6224055506552E-12
*****
i=34972
k(34972)=0.99999516746543
kQ(34972)=0.99999033495422
r1= : 4.6312909257702E-12
rpunto1 : = -932013.05828032
rduepunti0 : = -1.0236929829064E+25
fil : = 488.45508492699
fipunto1 : = 5.8155869943231E+17
fi_gradi : = 27986.414848021
t1 : = 1.0809544491525E-14
tpunto1 : = 1.0003651818368
tduepunti0 : = 2.4495483200852E+14
v=v_elettrone : = 2849583.758001
x0= : -2.8992541199177E-13
y0= : -4.6223165243605E-12
```

```
*****
i=34973
k(34973)=0.99999515500677
kQ(34973)=0.99999031003701
r1= : 4.6311816204966E-12
rpunto1: = -933213.68428473
rduepunti0 : = -1.0237375351894E+25
fil : = 488.45515313144
fipunto1 : = 5.8158615071265E+17
fi_gradi : = 27986.418755848
t1 : = 1.0809544608846E-14
tpunto1 : = 1.0003652106031
tduepunti0 : = 2.4528235161984E+14
v=v_elettrone : = 2850036.0983141
x0= : -2.8960333738877E-13
y0= : -4.6222273360464E-12
*****
i=34974
k(34974)=0.99999514253153
kQ(34974)=0.99999028508665
r1= : 4.6310721744151E-12
rpunto1: = -934414.36261027
rduepunti0 : = -1.0237821478316E+25
fil : = 488.4552213391
fipunto1 : = 5.8161363930216E+17
fi_gradi : = 27986.422663859
t1 : = 1.0809544726168E-14
tpunto1 : = 1.000365239408
tduepunti0 : = 2.4560993056939E+14
v=v_elettrone : = 2850488.9712939
x0= : -2.8928125264439E-13
y0= : -4.6221379857046E-12
*****
i=34975
k(34975)=0.99999513003969
kQ(34975)=0.9999902601031
r1= : 4.6309625875196E-12
rpunto1: = -935615.09332774
rduepunti0 : = -1.0238268208469E+25
fil : = 488.45528954999
fipunto1 : = 5.8164116521007E+17
fi_gradi : = 27986.426572055
t1 : = 1.0809544843489E-14
tpunto1 : = 1.0003652682512
tduepunti0 : = 2.4593756894251E+14
v=v_elettrone : = 2850942.3788878
x0= : -2.8895915776918E-13
y0= : -4.6220484733268E-12
*****
i=34976
k(34976)=0.99999511753127
kQ(34976)=0.99999023508639
r1= : 4.630852859804E-12
rpunto1: = -936815.87650796
rduepunti0 : = -1.0238715542494E+25
fil : = 488.45535776411
fipunto1 : = 5.8166872844564E+17
fi_gradi : = 27986.430480436
t1 : = 1.0809544960811E-14
tpunto1 : = 1.0003652971329
tduepunti0 : = 2.4626526682461E+14
v=v_elettrone : = 2851396.3166626
x0= : -2.8863705277347E-13
y0= : -4.6219587989047E-12
```

```
*****
i=34977
k(34977)=0.99999510500626
kQ(34977)=0.99999021003649
r1= : 4.6307429912621E-12
rpunto1 : = -938016.71222177
rduepunti0 : = -1.0239163480531E+25
fil : = 488.45542598145
fipunto1 : = 5.8169632901814E+17
fi_gradi : = 27986.434389002
t1 : = 1.0809545078132E-14
tpunto1 : = 1.000365326053
tduepunti0 : = 2.4659302430112E+14
v=v_elettrone : = 2851850.7865569
x0= : -2.8831493766809E-13
y0= : -4.6218689624298E-12
*****
i=34978
k(34978)=0.99999509246466
kQ(34978)=0.9999901849534
r1= : 4.6306329818878E-12
rpunto1 : = -939217.60054001
rduepunti0 : = -1.0239612022718E+25
fil : = 488.45549420204
fipunto1 : = 5.8172396693686E+17
fi_gradi : = 27986.438297754
t1 : = 1.0809545195454E-14
tpunto1 : = 1.0003653550115
tduepunti0 : = 2.4692084145752E+14
v=v_elettrone : = 2852305.7883798
x0= : -2.8799281246361E-13
y0= : -4.6217789638939E-12
*****
i=34979
k(34979)=0.99999507990645
kQ(34979)=0.99999015983711
r1= : 4.6305228316748E-12
rpunto1 : = -940418.54153357
rduepunti0 : = -1.0240061169197E+25
fil : = 488.45556242587
fipunto1 : = 5.817516422111E+17
fi_gradi : = 27986.442206691
t1 : = 1.0809545312775E-14
tpunto1 : = 1.0003653840085
tduepunti0 : = 2.4724871837931E+14
v=v_elettrone : = 2852761.3219516
x0= : -2.8767067717064E-13
y0= : -4.6216888032886E-12
*****
i=34980
k(34980)=0.99999506733165
kQ(34980)=0.99999013468763
r1= : 4.6304125406171E-12
rpunto1 : = -941619.53527333
rduepunti0 : = -1.0240510920109E+25
fil : = 488.45563065294
fipunto1 : = 5.8177935485017E+17
fi_gradi : = 27986.446115814
t1 : = 1.0809545430097E-14
tpunto1 : = 1.000365413044
tduepunti0 : = 2.4757665515204E+14
v=v_elettrone : = 2853217.3892055
x0= : -2.8734853179976E-13
y0= : -4.6215984806054E-12
```

```
*****
i=34981
k(34981)=0.99999505474024
kQ(34981)=0.99999010950494
r1= : 4.6303021087084E-12
rpunto1 : = -942820.5818302
rduepunti0 : = -1.0240961275593E+25
fil : = 488.45569888326
fipunto1 : = 5.8180710486339E+17
fi_gradi : = 27986.450025124
t1 : = 1.0809545547418E-14
tpunto1 : = 1.0003654421179
tduepunti0 : = 2.4790465186131E+14
v=v_elettrone : = 2853673.9857198
x0= : -2.8702637636131E-13
y0= : -4.6215079958361E-12
*****
i=34982
k(34982)=0.99999504213223
kQ(34982)=0.99999008428904
r1= : 4.6301915359425E-12
rpunto1 : = -944021.68127508
rduepunti0 : = -1.024141223579E+25
fil : = 488.45576711684
fipunto1 : = 5.818348922601E+17
fi_gradi : = 27986.45393462
t1 : = 1.080954566474E-14
tpunto1 : = 1.0003654712303
tduepunti0 : = 2.4823270859275E+14
v=v_elettrone : = 2854131.1155374
x0= : -2.8670421086616E-13
y0= : -4.6214173489722E-12
*****
i=34983
k(34983)=0.99999502950761
kQ(34983)=0.99999005903992
r1= : 4.6300808223132E-12
rpunto1 : = -945222.83367892
rduepunti0 : = -1.0241863800843E+25
fil : = 488.45583535367
fipunto1 : = 5.8186271704966E+17
fi_gradi : = 27986.457844303
t1 : = 1.0809545782062E-14
tpunto1 : = 1.0003655003812
tduepunti0 : = 2.4856082543203E+14
v=v_elettrone : = 2854588.7742522
x0= : -2.8638203532467E-13
y0= : -4.6213265400053E-12
*****
i=34984
k(34984)=0.99999501686637
kQ(34984)=0.99999003375758
r1= : 4.6299699678144E-12
rpunto1 : = -946424.03911268
rduepunti0 : = -1.0242315970891E+25
fil : = 488.45590359377
fipunto1 : = 5.8189057924143E+17
fi_gradi : = 27986.461754172
t1 : = 1.0809545899383E-14
tpunto1 : = 1.0003655295706
tduepunti0 : = 2.4888900246485E+14
v=v_elettrone : = 2855046.9658966
x0= : -2.860598497477E-13
y0= : -4.6212355689269E-12
```

```
*****
i=34985
k(34985)=0.99999500420853
kQ(34985)=0.99999000844201
r1= : 4.6298589724398E-12
rpunto1 : = -947625.29764732
rduepunti0 : = -1.0242768746077E+25
fil : = 488.45597183714
fipunto1 : = 5.8191847884479E+17
fi_gradi : = 27986.465664229
t1 : = 1.0809546016705E-14
tpunto1 : = 1.0003655587985
tduepunti0 : = 2.4921723977697E+14
v=v_elettrone : = 2855505.6881779
x0= : -2.8573765414563E-13
y0= : -4.6211444357287E-12
*****
i=34986
k(34986)=0.99999499153406
kQ(34986)=0.99998998309321
r1= : 4.6297478361831E-12
rpunto1 : = -948826.60935383
rduepunti0 : = -1.0243222126542E+25
fil : = 488.45604008378
fipunto1 : = 5.8194641586914E+17
fi_gradi : = 27986.469574474
t1 : = 1.0809546134026E-14
tpunto1 : = 1.0003655880649
tduepunti0 : = 2.4954553745417E+14
v=v_elettrone : = 2855964.940911
x0= : -2.8541544852908E-13
y0= : -4.6210531404023E-12
*****
i=34987
k(34987)=0.99999497884298
kQ(34987)=0.99998995771117
r1= : 4.6296365590381E-12
rpunto1 : = -950027.97430321
rduepunti0 : = -1.0243676112428E+25
fil : = 488.45610833369
fipunto1 : = 5.8197439032389E+17
fi_gradi : = 27986.473484906
t1 : = 1.0809546251348E-14
tpunto1 : = 1.0003656173697
tduepunti0 : = 2.4987389558228E+14
v=v_elettrone : = 2856424.7239029
x0= : -2.850932329087E-13
y0= : -4.6209616829391E-12
*****
i=34988
k(34988)=0.99999496613527
kQ(34988)=0.99998993229588
r1= : 4.6295251409987E-12
rpunto1 : = -951229.39256648
rduepunti0 : = -1.0244130703877E+25
fil : = 488.45617658689
fipunto1 : = 5.8200240221845E+17
fi_gradi : = 27986.477395526
t1 : = 1.0809546368669E-14
tpunto1 : = 1.0003656467131
tduepunti0 : = 2.5020231424717E+14
v=v_elettrone : = 2856885.0390906
x0= : -2.8477100729511E-13
y0= : -4.6208700633308E-12
```

```
*****
i=34989
k(34989)=0.99999495341093
kQ(34989)=0.99998990684733
r1= : 4.6294135820585E-12
rpunto1:= -952430.86421467
rduepunti0 : = -1.0244585901032E+25
fil : = 488.45624484337
fipunto1 : = 5.8203045156227E+17
fi_gradi : = 27986.481306334
t1 : = 1.0809546485991E-14
tpunto1 : = 1.0003656760951
tduepunti0 : = 2.5053079353474E+14
v=v_elettrone : = 2857345.8841649
x0= : -2.8444877169872E-13
y0= : -4.6207782815688E-12
*****
i=34990
k(34990)=0.99999494066997
kQ(34990)=0.99998988136554
r1= : 4.6293018822112E-12
rpunto1:= -953632.38931885
rduepunti0 : = -1.0245041704035E+25
fil : = 488.45631310314
fipunto1 : = 5.8205853836479E+17
fi_gradi : = 27986.485217331
t1 : = 1.0809546603313E-14
tpunto1 : = 1.0003657055155
tduepunti0 : = 2.5085933353095E+14
v=v_elettrone : = 2857807.2589447
x0= : -2.8412652613017E-13
y0= : -4.6206863376447E-12
*****
i=34991
k(34991)=0.99999492791237
kQ(34991)=0.99998985585047
r1= : 4.6291900414507E-12
rpunto1:= -954833.96795008
rduepunti0 : = -1.0245498113029E+25
fil : = 488.45638136621
fipunto1 : = 5.8208666263548E+17
fi_gradi : = 27986.489128516
t1 : = 1.0809546720634E-14
tpunto1 : = 1.0003657349745
tduepunti0 : = 2.5118793432178E+14
v=v_elettrone : = 2858269.1632424
x0= : -2.8380427060013E-13
y0= : -4.62059423155E-12
*****
i=34992
k(34992)=0.99999491513814
kQ(34992)=0.99998983030214
r1= : 4.6290780597706E-12
rpunto1:= -956035.60017944
rduepunti0 : = -1.0245955128156E+25
fil : = 488.45644963257
fipunto1 : = 5.821148243838E+17
fi_gradi : = 27986.493039891
t1 : = 1.0809546837956E-14
tpunto1 : = 1.000365764472
tduepunti0 : = 2.5151659599326E+14
v=v_elettrone : = 2858731.5989898
x0= : -2.8348200511926E-13
y0= : -4.6205019632763E-12
```



```
*****
i=34993
k(34993)=0.99999490234728
kQ(34993)=0.99998980472054
r1= : 4.6289659371646E-12
rpunto1 : = -957237.28607805
rduepunti0 : = -1.024641274956E+25
fil : = 488.45651790224
fipunto1 : = 5.8214302361926E+17
fi_gradi : = 27986.496951455
t1 : = 1.0809546955277E-14
tpunto1 : = 1.0003657940081
tduepunti0 : = 2.5184531863145E+14
v=v_elettrone : = 2859194.5638775
x0= : -2.8315972969797E-13
y0= : -4.6204095328149E-12
*****
i=34994
k(34994)=0.99999488953977
kQ(34994)=0.99998977910565
r1= : 4.6288536736265E-12
rpunto1 : = -958439.02571702
rduepunti0 : = -1.0246870977385E+25
fil : = 488.45658617521
fipunto1 : = 5.8217126035136E+17
fi_gradi : = 27986.500863208
t1 : = 1.0809547072599E-14
tpunto1 : = 1.0003658235828
tduepunti0 : = 2.5217410232247E+14
v=v_elettrone : = 2859658.0577251
x0= : -2.8283744434695E-13
y0= : -4.6203169401574E-12
*****
i=34995
k(34995)=0.99999487671561
kQ(34995)=0.99998975345748
r1= : 4.6287412691499E-12
rpunto1 : = -959640.81916748
rduepunti0 : = -1.0247329811773E+25
fil : = 488.45665445149
fipunto1 : = 5.8219953458961E+17
fi_gradi : = 27986.504775151
t1 : = 1.080954718992E-14
tpunto1 : = 1.000365853196
tduepunti0 : = 2.5250294715245E+14
v=v_elettrone : = 2860122.0824599
x0= : -2.8251514907688E-13
y0= : -4.6202241852953E-12
*****
i=34996
k(34996)=0.99999486387482
kQ(34996)=0.99998972777601
r1= : 4.6286287237286E-12
rpunto1 : = -960842.6665006
rduepunti0 : = -1.0247789252869E+25
fil : = 488.4567227311
fipunto1 : = 5.8222784634354E+17
fi_gradi : = 27986.508687284
t1 : = 1.0809547307242E-14
tpunto1 : = 1.0003658828478
tduepunti0 : = 2.528318532076E+14
v=v_elettrone : = 2860586.6357792
x0= : -2.8219284389819E-13
y0= : -4.62013126822E-12
```

```
*****
i=34997
k(34997)=0.99999485101737
kQ(34997)=0.99998970206125
r1= : 4.6285160373561E-12
rpunto1 : = -962044.56778753
rduepunti0 : = -1.0248249300816E+25
fil : = 488.45679101402
fipunto1 : = 5.8225619562271E+17
fi_gradi : = 27986.512599607
t1 : = 1.0809547424564E-14
tpunto1 : = 1.0003659125382
tduepunti0 : = 2.5316082057414E+14
v=v_elettrone : = 2861051.7196109
x0= : -2.8187052882157E-13
y0= : -4.620038188923E-12
*****
i=34998
k(34998)=0.99999483814327
kQ(34998)=0.99998967631318
r1= : 4.6284032100263E-12
rpunto1 : = -963246.52309948
rduepunti0 : = -1.0248709955759E+25
fil : = 488.45685930026
fipunto1 : = 5.8228458243667E+17
fi_gradi : = 27986.516512121
t1 : = 1.0809547541885E-14
tpunto1 : = 1.0003659422671
tduepunti0 : = 2.5348984933833E+14
v=v_elettrone : = 2861517.3316503
x0= : -2.8154820385747E-13
y0= : -4.6199449473958E-12
*****
i=34999
k(34999)=0.99999482525251
kQ(34999)=0.9999896505318
r1= : 4.6282902417327E-12
rpunto1 : = -964448.53250764
rduepunti0 : = -1.0249171217842E+25
fil : = 488.45692758984
fipunto1 : = 5.82313006795E+17
fi_gradi : = 27986.520424825
t1 : = 1.0809547659207E-14
tpunto1 : = 1.0003659720347
tduepunti0 : = 2.5381893958649E+14
v=v_elettrone : = 2861983.4717145
x0= : -2.812258690166E-13
y0= : -4.6198515436297E-12
*****
i=35000
k(35000)=0.9999948123451
kQ(35000)=0.99998962471711
r1= : 4.628177132469E-12
rpunto1 : = -965650.59608324
rduepunti0 : = -1.024963308721E+25
fil : = 488.45699588275
fipunto1 : = 5.8234146870728E+17
fi_gradi : = 27986.52433772
t1 : = 1.0809547776529E-14
tpunto1 : = 1.0003660018408
tduepunti0 : = 2.5414809140497E+14
v=v_elettrone : = 2862450.1417306
x0= : -2.8090352430968E-13
y0= : -4.6197579776162E-12
```

```
*****
i=35001
k(35001)=0.99999479942102
kQ(35001)=0.99998959886909
r1= : 4.6280638822289E-12
rpunto1: = -966852.71389751
rduepunti0 : = -1.0250095564007E+25
fil : = 488.45706417899
fipunto1 : = 5.8236996818311E+17
fi_gradi : = 27986.528250807
t1 : = 1.080954789385E-14
tpunto1 : = 1.0003660316856
tduepunti0 : = 2.5447730488016E+14
v=v_elettrone : = 2862917.3393961
x0= : -2.8058116974716E-13
y0= : -4.6196642493468E-12
*****
i=35002
k(35002)=0.99999478648029
kQ(35002)=0.99998957298775
r1= : 4.627950491006E-12
rpunto1: = -968054.88602171
rduepunti0 : = -1.0250558648378E+25
fil : = 488.45713247858
fipunto1 : = 5.8239850523211E+17
fi_gradi : = 27986.532164085
t1 : = 1.0809548011172E-14
tpunto1 : = 1.000366061569
tduepunti0 : = 2.5480658009848E+14
v=v_elettrone : = 2863385.0666347
x0= : -2.8025880533977E-13
y0= : -4.6195703588128E-12
*****
i=35003
k(35003)=0.99999477352288
kQ(35003)=0.99998954707308
r1= : 4.6278369587939E-12
rpunto1: = -969257.11252712
rduepunti0 : = -1.0251022340469E+25
fil : = 488.45720078152
fipunto1 : = 5.8242707986391E+17
fi_gradi : = 27986.536077555
t1 : = 1.0809548128493E-14
tpunto1 : = 1.000366091491
tduepunti0 : = 2.5513591714641E+14
v=v_elettrone : = 2863853.3211478
x0= : -2.79936431098E-13
y0= : -4.6194763060056E-12
*****
i=35004
k(35004)=0.9999947605488
kQ(35004)=0.99998952112506
r1= : 4.6277232855862E-12
rpunto1: = -970459.39348501
rduepunti0 : = -1.0251486640425E+25
fil : = 488.4572690878
fipunto1 : = 5.8245569208814E+17
fi_gradi : = 27986.539991217
t1 : = 1.0809548245815E-14
tpunto1 : = 1.0003661214516
tduepunti0 : = 2.5546531611047E+14
v=v_elettrone : = 2864322.1048629
x0= : -2.7961404703257E-13
y0= : -4.6193820909166E-12
```

```
*****
i=35005
k(35005)=0.99999474755806
kQ(35005)=0.9999894951437
r1= : 4.6276094713766E-12
rpunto1: = -971661.72896671
rduepunti0 : = -1.0251951548392E+25
fil : = 488.45733739745
fipunto1 : = 5.8248434191447E+17
fi_gradi : = 27986.543905071
t1 : = 1.0809548363137E-14
tpunto1 : = 1.0003661514509
tduepunti0 : = 2.557947770772E+14
v=v_elettrone : = 2864791.4154748
x0= : -2.7929165315397E-13
y0= : -4.6192877135372E-12
*****
i=35006
k(35006)=0.99999473455063
kQ(35006)=0.99998946912899
r1= : 4.6274955161587E-12
rpunto1: = -972864.11904353
rduepunti0 : = -1.0252417064515E+25
fil : = 488.45740571045
fipunto1 : = 5.8251302935257E+17
fi_gradi : = 27986.547819118
t1 : = 1.0809548480458E-14
tpunto1 : = 1.0003661814888
tduepunti0 : = 2.561243001332E+14
v=v_elettrone : = 2865261.2549106
x0= : -2.7896924947297E-13
y0= : -4.6191931738587E-12
*****
i=35007
k(35007)=0.99999472152653
kQ(35007)=0.99998944308092
r1= : 4.627381419926E-12
rpunto1: = -974066.56378681
rduepunti0 : = -1.0252883188941E+25
fil : = 488.45747402682
fipunto1 : = 5.8254175441212E+17
fi_gradi : = 27986.551733358
t1 : = 1.080954859778E-14
tpunto1 : = 1.0003662115654
tduepunti0 : = 2.5645388536511E+14
v=v_elettrone : = 2865731.6229836
x0= : -2.7864683600005E-13
y0= : -4.6190984718726E-12
*****
i=35008
k(35008)=0.99999470848574
kQ(35008)=0.99998941699948
r1= : 4.6272671826722E-12
rpunto1: = -975269.06326791
rduepunti0 : = -1.0253349921815E+25
fil : = 488.45754234655
fipunto1 : = 5.8257051710282E+17
fi_gradi : = 27986.55564779
t1 : = 1.0809548715102E-14
tpunto1 : = 1.0003662416806
tduepunti0 : = 2.567835328596E+14
v=v_elettrone : = 2866202.517392
x0= : -2.7832441274572E-13
y0= : -4.6190036075702E-12
```

```
*****
i=35009
k(35009)=0.99999469542827
kQ(35009)=0.99998939088468
r1= : 4.6271528043908E-12
rpunto1 : = -976471.61755821
rduepunti0 : = -1.0253817263285E+25
fil : = 488.45761066966
fipunto1 : = 5.8259931743437E+17
fi_gradi : = 27986.559562416
t1 : = 1.0809548832423E-14
tpunto1 : = 1.0003662718345
tduepunti0 : = 2.5711324270339E+14
v=v_elettrone : = 2866673.9400541
x0= : -2.7800197972075E-13
y0= : -4.6189085809427E-12
*****
i=35010
k(35010)=0.99999468235411
kQ(35010)=0.99998936473651
r1= : 4.6270382850754E-12
rpunto1 : = -977674.2267291
rduepunti0 : = -1.0254285213497E+25
fil : = 488.45767899615
fipunto1 : = 5.8262815541652E+17
fi_gradi : = 27986.563477235
t1 : = 1.0809548949745E-14
tpunto1 : = 1.0003663020271
tduepunti0 : = 2.5744301498324E+14
v=v_elettrone : = 2867145.8907955
x0= : -2.7767953693567E-13
y0= : -4.6188133919816E-12
*****
i=35011
k(35011)=0.99999466926327
kQ(35011)=0.99998933855495
r1= : 4.6269236247196E-12
rpunto1 : = -978876.89085199
rduepunti0 : = -1.0254753772597E+25
fil : = 488.45774732602
fipunto1 : = 5.8265703105899E+17
fi_gradi : = 27986.567392248
t1 : = 1.0809549067067E-14
tpunto1 : = 1.0003663322584
tduepunti0 : = 2.5777284978594E+14
v=v_elettrone : = 2867618.367303
x0= : -2.7735708440098E-13
y0= : -4.6187180406782E-12
*****
i=35012
k(35012)=0.99999465615572
kQ(35012)=0.99998931234001
r1= : 4.6268088233169E-12
rpunto1 : = -980079.6099983
rduepunti0 : = -1.0255222940733E+25
fil : = 488.45781565927
fipunto1 : = 5.8268594437154E+17
fi_gradi : = 27986.571307455
t1 : = 1.0809549184388E-14
tpunto1 : = 1.0003663625283
tduepunti0 : = 2.5810274719835E+14
v=v_elettrone : = 2868091.3715056
x0= : -2.7703462212749E-13
y0= : -4.6186225270237E-12
```

```
*****
i=35013
k(35013)=0.99999464303149
kQ(35013)=0.99998928609167
r1= : 4.6266938808609E-12
rpunto1 : = -981282.38423949
rduepunti0 : = -1.0255692718052E+25
fil : = 488.45788399592
fipunto1 : = 5.8271489536394E+17
fi_gradi : = 27986.575222857
t1 : = 1.080954930171E-14
tpunto1 : = 1.000366392837
tduepunti0 : = 2.5843270730734E+14
v=v_elettrone : = 2868564.9011061
x0= : -2.7671215012574E-13
y0= : -4.6185268510095E-12
*****
i=35014
k(35014)=0.99999462989055
kQ(35014)=0.99998925980993
r1= : 4.6265787973451E-12
rpunto1 : = -982485.213647
rduepunti0 : = -1.0256163104702E+25
fil : = 488.45795233596
fipunto1 : = 5.8274388404596E+17
fi_gradi : = 27986.579138453
t1 : = 1.0809549419032E-14
tpunto1 : = 1.0003664231843
tduepunti0 : = 2.5876273019983E+14
v=v_elettrone : = 2869038.9601327
x0= : -2.7638966840651E-13
y0= : -4.6184310126269E-12
*****
i=35015
k(35015)=0.99999461673291
kQ(35015)=0.99998923349479
r1= : 4.626463572763E-12
rpunto1 : = -983688.09829233
rduepunti0 : = -1.025663410083E+25
fil : = 488.4580206794
fipunto1 : = 5.8277291042742E+17
fi_gradi : = 27986.583054244
t1 : = 1.0809549536353E-14
tpunto1 : = 1.0003664535704
tduepunti0 : = 2.5909281596279E+14
v=v_elettrone : = 2869513.5441736
x0= : -2.7606717698011E-13
y0= : -4.6183350118671E-12
*****
i=35016
k(35016)=0.99999460355856
kQ(35016)=0.99998920714624
r1= : 4.6263482071082E-12
rpunto1 : = -984891.03824696
rduepunti0 : = -1.0257105706584E+25
fil : = 488.45808902625
fipunto1 : = 5.828019745181E+17
fi_gradi : = 27986.586970229
t1 : = 1.0809549653675E-14
tpunto1 : = 1.0003664839952
tduepunti0 : = 2.5942296468324E+14
v=v_elettrone : = 2869988.6551581
x0= : -2.7574467585735E-13
y0= : -4.6182388487214E-12
```

```
*****
i=35017
k(35017)=0.9999945903675
kQ(35017)=0.99998918076427
r1= : 4.6262327003742E-12
rpunto1: = -986094.03358242
rduepunti0 : = -1.0257577922113E+25
fil : = 488.4581573765
fipunto1 : = 5.8283107632785E+17
fi_gradi : = 27986.59088641
t1 : = 1.0809549770997E-14
tpunto1 : = 1.0003665144587
tduepunti0 : = 2.597531764482E+14
v=v_elettrone : = 2870464.2907834
x0= : -2.7542216504878E-13
y0= : -4.6181425231811E-12
*****
i=35018
k(35018)=0.99999457715974
kQ(35018)=0.99998915434888
r1= : 4.6261170525544E-12
rpunto1: = -987297.08437022
rduepunti0 : = -1.0258050747564E+25
fil : = 488.45822573017
fipunto1 : = 5.8286021586649E+17
fi_gradi : = 27986.594802787
t1 : = 1.0809549888318E-14
tpunto1 : = 1.000366544961
tduepunti0 : = 2.6008345134479E+14
v=v_elettrone : = 2870940.4550782
x0= : -2.7509964456525E-13
y0= : -4.6180460352373E-12
*****
i=35019
k(35019)=0.99999456393525
kQ(35019)=0.99998912790006
r1= : 4.6260012636424E-12
rpunto1: = -988500.19068193
rduepunti0 : = -1.0258524183087E+25
fil : = 488.45829408725
fipunto1 : = 5.8288939314387E+17
fi_gradi : = 27986.598719359
t1 : = 1.080955000564E-14
tpunto1 : = 1.0003665755019
tduepunti0 : = 2.6041378946012E+14
v=v_elettrone : = 2871417.1436394
x0= : -2.7477711441705E-13
y0= : -4.6179493848815E-12
*****
i=35020
k(35020)=0.99999455069405
kQ(35020)=0.9999891014178
r1= : 4.6258853336317E-12
rpunto1: = -989703.3525891
rduepunti0 : = -1.0258998228829E+25
fil : = 488.45836244776
fipunto1 : = 5.8291860816987E+17
fi_gradi : = 27986.602636128
t1 : = 1.0809550122962E-14
tpunto1 : = 1.0003666060817
tduepunti0 : = 2.6074419088138E+14
v=v_elettrone : = 2871894.3583781
x0= : -2.7445457461504E-13
y0= : -4.6178525721047E-12
```

```
*****
i=35021
k(35021)=0.99999453743613
kQ(35021)=0.99998907490211
r1= : 4.6257692625157E-12
rpunto1 : = -990906.57016331
rduepunti0 : = -1.025947288494E+25
fil : = 488.45843081169
fipunto1 : = 5.8294786095437E+17
fi_gradi : = 27986.606553093
t1 : = 1.0809550240283E-14
tpunto1 : = 1.0003666367002
tduepunti0 : = 2.6107465569577E+14
v=v_elettrone : = 2872372.1012217
x0= : -2.741320251698E-13
y0= : -4.6177555968983E-12
*****
i=35022
k(35022)=0.99999452416149
kQ(35022)=0.99998904835296
r1= : 4.625653050288E-12
rpunto1 : = -992109.84347618
rduepunti0 : = -1.0259948151569E+25
fil : = 488.45849917905
fipunto1 : = 5.8297715150724E+17
fi_gradi : = 27986.610470254
t1 : = 1.0809550357605E-14
tpunto1 : = 1.0003666673574
tduepunti0 : = 2.6140518399056E+14
v=v_elettrone : = 2872850.3677603
x0= : -2.7380946609167E-13
y0= : -4.6176584592533E-12
*****
i=35023
k(35023)=0.99999451087012
kQ(35023)=0.99998902177037
r1= : 4.6255366969419E-12
rpunto1 : = -993313.17259932
rduepunti0 : = -1.0260424028866E+25
fil : = 488.45856754985
fipunto1 : = 5.8300647983841E+17
fi_gradi : = 27986.614387612
t1 : = 1.0809550474927E-14
tpunto1 : = 1.0003666980535
tduepunti0 : = 2.6173577585304E+14
v=v_elettrone : = 2873329.1578133
x0= : -2.7348689739149E-13
y0= : -4.6175611591611E-12
*****
i=35024
k(35024)=0.99999449756202
kQ(35024)=0.99998899515431
r1= : 4.6254202024709E-12
rpunto1 : = -994516.55760435
rduepunti0 : = -1.026090051698E+25
fil : = 488.45863592409
fipunto1 : = 5.830358459578E+17
fi_gradi : = 27986.618305168
t1 : = 1.0809550592248E-14
tpunto1 : = 1.0003667287883
tduepunti0 : = 2.6206643137056E+14
v=v_elettrone : = 2873808.4753913
x0= : -2.7316431908015E-13
y0= : -4.6174636966128E-12
```



```
*****
i=35025
k(35025)=0.99999448423718
kQ(35025)=0.99998896850479
r1= : 4.6253035668685E-12
rpunto1: = -995719.99856295
rduepunti0 : = -1.026137761606E+25
fil : = 488.45870430177
fipunto1 : = 5.8306524987533E+17
fi_gradi : = 27986.62222292
t1 : = 1.080955070957E-14
tpunto1 : = 1.0003667595619
tduepunti0 : = 2.623971506305E+14
v=v_elettrone : = 2874288.3182099
x0= : -2.7284173116799E-13
y0= : -4.6173660715996E-12
*****
i=35026
k(35026)=0.99999447089561
kQ(35026)=0.9999889418218
r1= : 4.6251867901282E-12
rpunto1: = -996923.49554677
rduepunti0 : = -1.0261855326257E+25
fil : = 488.4587726829
fipunto1 : = 5.8309469160097E+17
fi_gradi : = 27986.62614087
t1 : = 1.0809550826892E-14
tpunto1 : = 1.0003667903743
tduepunti0 : = 2.6272793372028E+14
v=v_elettrone : = 2874768.6860736
x0= : -2.7251913366563E-13
y0= : -4.6172682841127E-12
*****
i=35027
k(35027)=0.9999944575373
kQ(35027)=0.99998891510533
r1= : 4.6250698722433E-12
rpunto1: = -998127.04862751
rduepunti0 : = -1.0262333647721E+25
fil : = 488.45884106749
fipunto1 : = 5.8312417114466E+17
fi_gradi : = 27986.630059018
t1 : = 1.0809550944213E-14
tpunto1 : = 1.0003668212254
tduepunti0 : = 2.6305878072738E+14
v=v_elettrone : = 2875249.5787927
x0= : -2.721965265837E-13
y0= : -4.6171703341432E-12
*****
i=35028
k(35028)=0.99999444416225
kQ(35028)=0.99998888835537
r1= : 4.6249528132072E-12
rpunto1: = -999330.65787687
rduepunti0 : = -1.0262812580603E+25
fil : = 488.45890945553
fipunto1 : = 5.831536885164E+17
fi_gradi : = 27986.633977365
t1 : = 1.0809551061535E-14
tpunto1 : = 1.0003668521154
tduepunti0 : = 2.633896917393E+14
v=v_elettrone : = 2875730.9961796
x0= : -2.7187390993283E-13
y0= : -4.6170722216823E-12
```

```
*****
i=35029
k(35029)=0.99999443077046
kQ(35029)=0.99998886157193
r1= : 4.6248356130135E-12
rpunto1: = -1000534.3233666
rduepunti0 : = -1.0263292125052E+25
fil : = 488.45897784703
fipunto1 : = 5.8318324372617E+17
fi_gradi : = 27986.637895909
t1 : = 1.0809551178857E-14
tpunto1 : = 1.0003668830443
tduepunti0 : = 2.637206668436E+14
v=v_elettrone : = 2876212.9380443
x0= : -2.7155128372366E-13
y0= : -4.6169739467211E-12
*****
i=35030
k(35030)=0.99999441736191
kQ(35030)=0.99998883475499
r1= : 4.6247182716554E-12
rpunto1: = -1001738.0451684
rduepunti0 : = -1.0263772281221E+25
fil : = 488.459046242
fipunto1 : = 5.8321283678398E+17
fi_gradi : = 27986.641814652
t1 : = 1.0809551296179E-14
tpunto1 : = 1.0003669140119
tduepunti0 : = 2.6405170612787E+14
v=v_elettrone : = 2876695.4041941
x0= : -2.7122864796683E-13
y0= : -4.6168755092508E-12
*****
i=35031
k(35031)=0.99999440393662
kQ(35031)=0.99998880790455
r1= : 4.6246007891264E-12
rpunto1: = -1002941.823354
rduepunti0 : = -1.0264253049259E+25
fil : = 488.45911464044
fipunto1 : = 5.8324246769985E+17
fi_gradi : = 27986.645733594
t1 : = 1.08095514135E-14
tpunto1 : = 1.0003669450184
tduepunti0 : = 2.6438280967975E+14
v=v_elettrone : = 2877178.3944441
x0= : -2.7090600267299E-13
y0= : -4.6167769092625E-12
*****
i=35032
k(35032)=0.99999439049457
kQ(35032)=0.9999887810206
r1= : 4.6244831654199E-12
rpunto1: = -1004145.6579953
rduepunti0 : = -1.0264734429319E+25
fil : = 488.45918304235
fipunto1 : = 5.8327213648381E+17
fi_gradi : = 27986.649652735
t1 : = 1.0809551530822E-14
tpunto1 : = 1.0003669760637
tduepunti0 : = 2.6471397758692E+14
v=v_elettrone : = 2877661.9085985
x0= : -2.7058334785281E-13
y0= : -4.6166781467472E-12
```

```
*****
i=35033
k(35033)=0.99999437703576
kQ(35033)=0.99998875410314
r1= : 4.6243654005292E-12
rpunto1: = -1005349.549164
rduepunti0 : = -1.0265216421551E+25
fil : = 488.45925144775
fipunto1 : = 5.8330184314591E+17
fi_gradi : = 27986.653572075
t1 : = 1.0809551648144E-14
tpunto1 : = 1.0003670071478
tduepunti0 : = 2.650452099371E+14
v=v_elettrone : = 2878145.9464748
x0= : -2.7026068351695E-13
y0= : -4.6165792216962E-12
*****
i=35034
k(35034)=0.99999436356019
kQ(35034)=0.99998872715216
r1= : 4.6242474944477E-12
rpunto1: = -1006553.4969319
rduepunti0 : = -1.0265699026107E+25
fil : = 488.45931985662
fipunto1 : = 5.8333158769621E+17
fi_gradi : = 27986.657491615
t1 : = 1.0809551765466E-14
tpunto1 : = 1.0003670382708
tduepunti0 : = 2.6537650681806E+14
v=v_elettrone : = 2878630.5099755
x0= : -2.6993800967607E-13
y0= : -4.6164801341004E-12
*****
i=35035
k(35035)=0.99999435006786
kQ(35035)=0.99998870016765
r1= : 4.6241294471688E-12
rpunto1: = -1007757.5013709
rduepunti0 : = -1.026618224314E+25
fil : = 488.45938826899
fipunto1 : = 5.833613701448E+17
fi_gradi : = 27986.661411355
t1 : = 1.0809551882787E-14
tpunto1 : = 1.0003670694327
tduepunti0 : = 2.6570786831761E+14
v=v_elettrone : = 2879115.5947136
x0= : -2.696153263406E-13
y0= : -4.616380883951E-12
*****
i=35036
k(35036)=0.99999433655876
kQ(35036)=0.9999886731496
r1= : 4.6240112586859E-12
rpunto1: = -1008961.5625528
rduepunti0 : = -1.0266666072801E+25
fil : = 488.45945668485
fipunto1 : = 5.8339119050175E+17
fi_gradi : = 27986.665331295
t1 : = 1.0809552000109E-14
tpunto1 : = 1.0003671006335
tduepunti0 : = 2.660392945236E+14
v=v_elettrone : = 2879601.2047013
x0= : -2.6929263352147E-13
y0= : -4.6162814712391E-12
```

```
*****
i=35037
k(35037)=0.9999943230329
kQ(35037)=0.99998864609802
r1= : 4.6238929289922E-12
rpunto1 : = -1010165.6805494
rduepunti0 : = -1.0267150515243E+25
fil : = 488.45952510421
fipunto1 : = 5.8342104877717E+17
fi_gradi : = 27986.669251436
t1 : = 1.0809552117431E-14
tpunto1 : = 1.0003671318731
tduepunti0 : = 2.6637078552391E+14
v=v_elettrone : = 2880087.3376368
x0= : -2.6896993122913E-13
y0= : -4.6161818959556E-12
*****
i=35038
k(35038)=0.99999430949026
kQ(35038)=0.9999886190129
r1= : 4.6237744580811E-12
rpunto1 : = -1011369.8554328
rduepunti0 : = -1.0267635570618E+25
fil : = 488.45959352707
fipunto1 : = 5.8345094498119E+17
fi_gradi : = 27986.673171777
t1 : = 1.0809552234753E-14
tpunto1 : = 1.0003671631516
tduepunti0 : = 2.667023414065E+14
v=v_elettrone : = 2880573.9933452
x0= : -2.6864721947427E-13
y0= : -4.6160821580917E-12
*****
i=35039
k(35039)=0.99999429593084
kQ(35039)=0.99998859189422
r1= : 4.623655845946E-12
rpunto1 : = -1012574.0872746
rduepunti0 : = -1.0268121239078E+25
fil : = 488.45966195343
fipunto1 : = 5.8348087912394E+17
fi_gradi : = 27986.677092318
t1 : = 1.0809552352074E-14
tpunto1 : = 1.000367194469
tduepunti0 : = 2.6703396225933E+14
v=v_elettrone : = 2881061.173726
x0= : -2.6832449826758E-13
y0= : -4.6159822576384E-12
*****
i=35040
k(35040)=0.99999428235465
kQ(35040)=0.99998856474198
r1= : 4.6235370925802E-12
rpunto1 : = -1013778.376147
rduepunti0 : = -1.0268607520778E+25
fil : = 488.4597303833
fipunto1 : = 5.8351085121555E+17
fi_gradi : = 27986.681013062
t1 : = 1.0809552469396E-14
tpunto1 : = 1.0003672258253
tduepunti0 : = 2.6736564817044E+14
v=v_elettrone : = 2881548.8764911
x0= : -2.6800176761953E-13
y0= : -4.6158821945868E-12
```

```
*****
i=35041
k(35041)=0.99999426876167
kQ(35041)=0.99998853755619
r1= : 4.6234181979769E-12
rpunto1 : = -1014982.7221218
rduepunti0 : = -1.026909441587E+25
fil : = 488.4597988167
fipunto1 : = 5.835408612662E+17
fi_gradi : = 27986.684934006
t1 : = 1.0809552586718E-14
tpunto1 : = 1.0003672572205
tduepunti0 : = 2.6769739922789E+14
v=v_elettrone : = 2882037.1014493
x0= : -2.6767902754082E-13
y0= : -4.6157819689278E-12
*****
i=35042
k(35042)=0.99999425515191
kQ(35042)=0.99998851033682
r1= : 4.6232991621295E-12
rpunto1 : = -1016187.125271
rduepunti0 : = -1.0269581924507E+25
fil : = 488.4598672536
fipunto1 : = 5.8357090928606E+17
fi_gradi : = 27986.688855152
t1 : = 1.080955270404E-14
tpunto1 : = 1.0003672886546
tduepunti0 : = 2.6802921551978E+14
v=v_elettrone : = 2882525.848411
x0= : -2.6735627804218E-13
y0= : -4.6156815806525E-12
*****
i=35043
k(35043)=0.99999424152536
kQ(35043)=0.99998848308387
r1= : 4.6231799850312E-12
rpunto1 : = -1017391.5856665
rduepunti0 : = -1.0270070046842E+25
fil : = 488.45993569404
fipunto1 : = 5.8360099528532E+17
fi_gradi : = 27986.6927765
t1 : = 1.0809552821361E-14
tpunto1 : = 1.0003673201276
tduepunti0 : = 2.6836109713427E+14
v=v_elettrone : = 2883015.1192852
x0= : -2.6703351913435E-13
y0= : -4.6155810297519E-12
*****
i=35044
k(35044)=0.99999422788201
kQ(35044)=0.99998845579735
r1= : 4.6230606666755E-12
rpunto1 : = -1018596.1033804
rduepunti0 : = -1.0270558783031E+25
fil : = 488.460004138
fipunto1 : = 5.8363111927418E+17
fi_gradi : = 27986.69669805
t1 : = 1.0809552938683E-14
tpunto1 : = 1.0003673516396
tduepunti0 : = 2.6869304415956E+14
v=v_elettrone : = 2883504.9117766
x0= : -2.6671075082779E-13
y0= : -4.615480316217E-12
```

```
*****
i=35045
k(35045)=0.99999421422188
kQ(35045)=0.99998842847723
r1= : 4.6229412070554E-12
rpunto1 : = -1019800.6784846
rduepunti0 : = -1.0271048133227E+25
fil : = 488.4600725855
fipunto1 : = 5.8366128126286E+17
fi_gradi : = 27986.700619803
t1 : = 1.0809553056005E-14
tpunto1 : = 1.0003673831905
tduepunti0 : = 2.6902505668389E+14
v=v_elettrone : = 2883995.2257006
x0= : -2.6638797313326E-13
y0= : -4.6153794400387E-12
*****
i=35046
k(35046)=0.99999420054494
kQ(35046)=0.99998840112352
r1= : 4.6228216061644E-12
rpunto1 : = -1021005.3110512
rduepunti0 : = -1.0271538097583E+25
fil : = 488.46014103653
fipunto1 : = 5.836914812616E+17
fi_gradi : = 27986.704541758
t1 : = 1.0809553173327E-14
tpunto1 : = 1.0003674147804
tduepunti0 : = 2.6935713479553E+14
v=v_elettrone : = 2884486.0629573
x0= : -2.6606518606149E-13
y0= : -4.615278401208E-12
*****
i=35047
k(35047)=0.99999418685121
kQ(35047)=0.99998837373621
r1= : 4.6227018639956E-12
rpunto1 : = -1022210.0011522
rduepunti0 : = -1.0272028676255E+25
fil : = 488.4602094911
fipunto1 : = 5.8372171928063E+17
fi_gradi : = 27986.708463916
t1 : = 1.0809553290648E-14
tpunto1 : = 1.0003674464092
tduepunti0 : = 2.6968927858282E+14
v=v_elettrone : = 2884977.4212674
x0= : -2.6574238962299E-13
y0= : -4.6151771997159E-12
*****
i=35048
k(35048)=0.99999417314067
kQ(35048)=0.99998834631529
r1= : 4.6225819805424E-12
rpunto1 : = -1023414.7488597
rduepunti0 : = -1.0272519869397E+25
fil : = 488.46027794922
fipunto1 : = 5.8375199533022E+17
fi_gradi : = 27986.712386278
t1 : = 1.080955340797E-14
tpunto1 : = 1.0003674780769
tduepunti0 : = 2.7002148813413E+14
v=v_elettrone : = 2885469.3025266
x0= : -2.6541958382853E-13
y0= : -4.6150758355534E-12
```

```
*****
i=35049
k(35049)=0.99999415941332
kQ(35049)=0.99998831886076
r1= : 4.6224619557979E-12
rpunto1: = -1024619.5542458
rduepunti0 : = -1.0273011677164E+25
fil : = 488.46034641089
fipunto1 : = 5.8378230942065E+17
fi_gradi : = 27986.716308842
t1 : = 1.0809553525292E-14
tpunto1 : = 1.0003675097837
tduepunti0 : = 2.7035376353787E+14
v=v_elettrone : = 2885961.704454
x0= : -2.650967686886E-13
y0= : -4.6149743087114E-12
*****
i=35050
k(35050)=0.99999414566917
kQ(35050)=0.99998829137261
r1= : 4.6223417897554E-12
rpunto1: = -1025824.4173825
rduepunti0 : = -1.0273504099711E+25
fil : = 488.46041487612
fipunto1 : = 5.838126615622E+17
fi_gradi : = 27986.720231611
t1 : = 1.0809553642614E-14
tpunto1 : = 1.0003675415294
tduepunti0 : = 2.7068610488249E+14
v=v_elettrone : = 2886454.6289461
x0= : -2.6477394421399E-13
y0= : -4.6148726191808E-12
*****
i=35051
k(35051)=0.9999941319082
kQ(35051)=0.99998826385083
r1= : 4.6222214824082E-12
rpunto1: = -1027029.3383421
rduepunti0 : = -1.0273997137193E+25
fil : = 488.46048334491
fipunto1 : = 5.8384305176517E+17
fi_gradi : = 27986.724154583
t1 : = 1.0809553759936E-14
tpunto1 : = 1.0003675733141
tduepunti0 : = 2.7101851225651E+14
v=v_elettrone : = 2886948.073727
x0= : -2.6445111041522E-13
y0= : -4.6147707669525E-12
*****
i=35052
k(35052)=0.99999411813041
kQ(35052)=0.99998823629542
r1= : 4.6221010337493E-12
rpunto1: = -1028234.3171965
rduepunti0 : = -1.0274490789765E+25
fil : = 488.46055181726
fipunto1 : = 5.8387348003989E+17
fi_gradi : = 27986.72807776
t1 : = 1.0809553877257E-14
tpunto1 : = 1.0003676051378
tduepunti0 : = 2.7135098574846E+14
v=v_elettrone : = 2887442.040693
x0= : -2.6412826730307E-13
y0= : -4.6146687520175E-12
```

```
*****
i=35053
k(35053)=0.9999941043358
kQ(35053)=0.99998820870637
r1= : 4.6219804437722E-12
rpunto1 : = -1029439.3540181
rduepunti0 : = -1.0274985057585E+25
fil : = 488.46062029318
fipunto1 : = 5.8390394639669E+17
fi_gradi : = 27986.732001141
t1 : = 1.0809553994579E-14
tpunto1 : = 1.0003676370005
tduepunti0 : = 2.7168352544693E+14
v=v_elettrone : = 2887936.5275531
x0= : -2.638054148881E-13
y0= : -4.6145665743667E-12
*****
i=35054
k(35054)=0.99999409052438
kQ(35054)=0.99998818108367
r1= : 4.6218597124699E-12
rpunto1 : = -1030644.4488789
rduepunti0 : = -1.0275479940806E+25
fil : = 488.46068877267
fipunto1 : = 5.8393445084591E+17
fi_gradi : = 27986.735924727
t1 : = 1.0809554111901E-14
tpunto1 : = 1.0003676689021
tduepunti0 : = 2.7201613144055E+14
v=v_elettrone : = 2888431.5362262
x0= : -2.6348255318109E-13
y0= : -4.614464233991E-12
*****
i=35055
k(35055)=0.99999407669612
kQ(35055)=0.99998815342733
r1= : 4.6217388398356E-12
rpunto1 : = -1031849.6018512
rduepunti0 : = -1.0275975439586E+25
fil : = 488.46075725574
fipunto1 : = 5.8396499339791E+17
fi_gradi : = 27986.739848518
t1 : = 1.0809554229223E-14
tpunto1 : = 1.0003677008429
tduepunti0 : = 2.7234880381802E+14
v=v_elettrone : = 2888927.0664995
x0= : -2.631596821926E-13
y0= : -4.6143617308812E-12
*****
i=35056
k(35056)=0.99999406285104
kQ(35056)=0.99998812573732
r1= : 4.6216178258626E-12
rpunto1 : = -1033054.8130071
rduepunti0 : = -1.0276471554081E+25
fil : = 488.46082574239
fipunto1 : = 5.8399557406307E+17
fi_gradi : = 27986.743772514
t1 : = 1.0809554346545E-14
tpunto1 : = 1.0003677328226
tduepunti0 : = 2.7268154266803E+14
v=v_elettrone : = 2889423.1161016
x0= : -2.6283680193319E-13
y0= : -4.6142590650282E-12
```



```
*****
i=35057
k(35057)=0.99999404898912
kQ(35057)=0.99998809801365
r1= : 4.621496670544E-12
rpunto1 : = -1034260.0824189
rduepunti0 : = -1.0276968284448E+25
fil : = 488.46089423263
fipunto1 : = 5.8402619285177E+17
fi_gradi : = 27986.747696716
t1 : = 1.0809554463866E-14
tpunto1 : = 1.0003677648414
tduepunti0 : = 2.7301434807937E+14
v=v_elettrone : = 2889919.6848375
x0= : -2.6251391241367E-13
y0= : -4.6141562364229E-12
*****
i=35058
k(35058)=0.99999403511037
kQ(35058)=0.99998807025632
r1= : 4.621375373873E-12
rpunto1 : = -1035465.4101589
rduepunti0 : = -1.0277465630842E+25
fil : = 488.46096272645
fipunto1 : = 5.8405684977443E+17
fi_gradi : = 27986.751621123
t1 : = 1.0809554581188E-14
tpunto1 : = 1.0003677968992
tduepunti0 : = 2.7334722014084E+14
v=v_elettrone : = 2890416.7766995
x0= : -2.6219101364489E-13
y0= : -4.6140532450561E-12
*****
i=35059
k(35059)=0.99999402121478
kQ(35059)=0.9999880424653
r1= : 4.6212539358427E-12
rpunto1 : = -1036670.7962992
rduepunti0 : = -1.0277963593422E+25
fil : = 488.46103122388
fipunto1 : = 5.8408754484145E+17
fi_gradi : = 27986.755545736
t1 : = 1.080955469851E-14
tpunto1 : = 1.000367828996
tduepunti0 : = 2.7368015894129E+14
v=v_elettrone : = 2890914.3873093
x0= : -2.6186810563715E-13
y0= : -4.6139500909188E-12
*****
i=35060
k(35060)=0.99999400730235
kQ(35060)=0.9999880146406
r1= : 4.6211323564463E-12
rpunto1 : = -1037876.2409122
rduepunti0 : = -1.0278462172344E+25
fil : = 488.4610997249
fipunto1 : = 5.8411827806327E+17
fi_gradi : = 27986.759470556
t1 : = 1.0809554815832E-14
tpunto1 : = 1.0003678611319
tduepunti0 : = 2.7401316456963E+14
v=v_elettrone : = 2891412.5164804
x0= : -2.615451884013E-13
y0= : -4.6138467740017E-12
```

```
*****
i=35061
k(35061)=0.99999399337307
kQ(35061)=0.99998798678221
r1= : 4.6210106356769E-12
rpunto1 : = -1039081.7440702
rduepunti0 : = -1.0278961367766E+25
fil : = 488.46116822953
fipunto1 : = 5.8414904945034E+17
fi_gradi : = 27986.763395582
t1 : = 1.0809554933154E-14
tpunto1 : = 1.0003678933069
tduepunti0 : = 2.743462371148E+14
v=v_elettrone : = 2891911.1681955
x0= : -2.612222619482E-13
y0= : -4.6137432942956E-12
*****
i=35062
k(35062)=0.99999397942694
kQ(35062)=0.99998795889013
r1= : 4.6208887735277E-12
rpunto1 : = -1040287.3058456
rduepunti0 : = -1.0279461179845E+25
fil : = 488.46123673777
fipunto1 : = 5.8417985901311E+17
fi_gradi : = 27986.767320815
t1 : = 1.0809555050476E-14
tpunto1 : = 1.0003679255209
tduepunti0 : = 2.7467937666578E+14
v=v_elettrone : = 2892410.3380878
x0= : -2.6089932628817E-13
y0= : -4.6136396517913E-12
*****
i=35063
k(35063)=0.99999396546396
kQ(35063)=0.99998793096434
r1= : 4.6207667699918E-12
rpunto1 : = -1041492.9263105
rduepunti0 : = -1.0279961608739E+25
fil : = 488.46130524962
fipunto1 : = 5.8421070676206E+17
fi_gradi : = 27986.771246255
t1 : = 1.0809555167797E-14
tpunto1 : = 1.000367957774
tduepunti0 : = 2.750125833116E+14
v=v_elettrone : = 2892910.0280492
x0= : -2.6057638143208E-13
y0= : -4.6135358464798E-12
*****
i=35064
k(35064)=0.99999395148413
kQ(35064)=0.99998790300485
r1= : 4.6206446250623E-12
rpunto1 : = -1042698.6055375
rduepunti0 : = -1.0280462654607E+25
fil : = 488.46137376509
fipunto1 : = 5.8424159270768E+17
fi_gradi : = 27986.775171902
t1 : = 1.0809555285119E-14
tpunto1 : = 1.0003679900662
tduepunti0 : = 2.7534585714135E+14
v=v_elettrone : = 2893410.2378879
x0= : -2.6025342739055E-13
y0= : -4.6134318783517E-12
```

```
*****
i=35065
k(35065)=0.99999393748744
kQ(35065)=0.99998787501164
r1= : 4.6205223387323E-12
rpunto1: = -1043904.3435989
rduepunti0 : = -1.0280964317606E+25
fil : = 488.46144228418
fipunto1 : = 5.8427251686048E+17
fi_gradi : = 27986.779097756
t1 : = 1.0809555402441E-14
tpunto1 : = 1.0003680223975
tduepunti0 : = 2.7567919824415E+14
v=v_elettrone : = 2893910.9653293
x0= : -2.5993046417419E-13
y0= : -4.6133277473978E-12
*****
i=35066
k(35066)=0.99999392347389
kQ(35066)=0.99998784698471
r1= : 4.6203999109949E-12
rpunto1: = -1045110.140567
rduepunti0 : = -1.0281466597895E+25
fil : = 488.4615108069
fipunto1 : = 5.8430347923097E+17
fi_gradi : = 27986.783023819
t1 : = 1.0809555519763E-14
tpunto1 : = 1.0003680547679
tduepunti0 : = 2.7601260670916E+14
v=v_elettrone : = 2894412.2122596
x0= : -2.5960749179388E-13
y0= : -4.613223453609E-12
*****
i=35067
k(35067)=0.99999390944348
kQ(35067)=0.99998781892405
r1= : 4.6202773418432E-12
rpunto1: = -1046315.9965143
rduepunti0 : = -1.0281969495633E+25
fil : = 488.46157933324
fipunto1 : = 5.8433447982969E+17
fi_gradi : = 27986.78695009
t1 : = 1.0809555637085E-14
tpunto1 : = 1.0003680871774
tduepunti0 : = 2.7634608262559E+14
v=v_elettrone : = 2894913.9805842
x0= : -2.5928451026027E-13
y0= : -4.613118996976E-12
*****
i=35068
k(35068)=0.99999389539619
kQ(35068)=0.99998779082965
r1= : 4.6201546312703E-12
rpunto1: = -1047521.9115133
rduepunti0 : = -1.0282473010979E+25
fil : = 488.46164786323
fipunto1 : = 5.8436551866717E+17
fi_gradi : = 27986.790876568
t1 : = 1.0809555754407E-14
tpunto1 : = 1.0003681196261
tduepunti0 : = 2.766796260827E+14
v=v_elettrone : = 2895416.2659243
x0= : -2.5896151958371E-13
y0= : -4.6130143774895E-12
```

```
*****
i=35069
k(35069)=0.99999388133204
kQ(35069)=0.99998776270152
r1= : 4.6200317792693E-12
rpunto1: = -1048727.8856363
rduepunti0 : = -1.0282977144092E+25
fil : = 488.46171639685
fipunto1 : = 5.8439659575399E+17
fi_gradi : = 27986.794803256
t1 : = 1.0809555871729E-14
tpunto1 : = 1.0003681521138
tduepunti0 : = 2.7701323716979E+14
v=v_elettrone : = 2895919.0701804
x0= : -2.5863851977513E-13
y0= : -4.6129095951403E-12
*****
i=35070
k(35070)=0.99999386725101
kQ(35070)=0.99998773453963
r1= : 4.6199087858332E-12
rpunto1: = -1049933.9189559
rduepunti0 : = -1.028348189513E+25
fil : = 488.46178493412
fipunto1 : = 5.8442771110072E+17
fi_gradi : = 27986.798730152
t1 : = 1.080955598905E-14
tpunto1 : = 1.0003681846407
tduepunti0 : = 2.7734691597621E+14
v=v_elettrone : = 2896422.3931627
x0= : -2.5831551084517E-13
y0= : -4.6128046499191E-12
*****
i=35071
k(35071)=0.99999385315311
kQ(35071)=0.999987706344
r1= : 4.6197856509551E-12
rpunto1: = -1051140.0115445
rduepunti0 : = -1.0283987264254E+25
fil : = 488.46185347504
fipunto1 : = 5.8445886471794E+17
fi_gradi : = 27986.802657257
t1 : = 1.0809556106372E-14
tpunto1 : = 1.0003682172067
tduepunti0 : = 2.7768066259135E+14
v=v_elettrone : = 2896926.2325803
x0= : -2.5799249280449E-13
y0= : -4.6126995418166E-12
*****
i=35072
k(35072)=0.99999383903832
kQ(35072)=0.9999876781146
r1= : 4.6196623746281E-12
rpunto1: = -1052346.1634746
rduepunti0 : = -1.0284493251624E+25
fil : = 488.46192201961
fipunto1 : = 5.8449005661627E+17
fi_gradi : = 27986.806584572
t1 : = 1.0809556223694E-14
tpunto1 : = 1.0003682498119
tduepunti0 : = 2.7801447710464E+14
v=v_elettrone : = 2897430.5924287
x0= : -2.5766946566402E-13
y0= : -4.6125942708237E-12
```

```
*****
i=35073
k(35073)=0.99999382490665
kQ(35073)=0.99998764985144
r1= : 4.6195389568451E-12
rpunto1 : = -1053552.3748188
rduepunti0 : = -1.0284999857399E+25
fil : = 488.46199056784
fipunto1 : = 5.8452128680632E+17
fi_gradi : = 27986.810512096
t1 : = 1.0809556341016E-14
tpunto1 : = 1.0003682824562
tduepunti0 : = 2.7834835960557E+14
v=v_elettrone : = 2897935.4704167
x0= : -2.5734642943417E-13
y0= : -4.6124888369308E-12
*****
i=35074
k(35074)=0.9999938107581
kQ(35074)=0.9999876215545
r1= : 4.6194153975992E-12
rpunto1 : = -1054758.6456496
rduepunti0 : = -1.028550708174E+25
fil : = 488.46205911974
fipunto1 : = 5.8455255529872E+17
fi_gradi : = 27986.814439831
t1 : = 1.0809556458338E-14
tpunto1 : = 1.0003683151397
tduepunti0 : = 2.7868231018366E+14
v=v_elettrone : = 2898440.8663553
x0= : -2.5702338412563E-13
y0= : -4.6123832401289E-12
*****
i=35075
k(35075)=0.99999379659265
kQ(35075)=0.99998759322378
r1= : 4.6192916968835E-12
rpunto1 : = -1055964.9760396
rduepunti0 : = -1.0286014924807E+25
fil : = 488.46212767529
fipunto1 : = 5.8458386210413E+17
fi_gradi : = 27986.818367775
t1 : = 1.080955657566E-14
tpunto1 : = 1.0003683478624
tduepunti0 : = 2.790163289285E+14
v=v_elettrone : = 2898946.7800458
x0= : -2.5670032974906E-13
y0= : -4.6122774804085E-12
*****
i=35076
k(35076)=0.99999378241031
kQ(35076)=0.99998756485928
r1= : 4.6191678546909E-12
rpunto1 : = -1057171.3660613
rduepunti0 : = -1.028652338676E+25
fil : = 488.46219623453
fipunto1 : = 5.8461520723321E+17
fi_gradi : = 27986.822295929
t1 : = 1.0809556692982E-14
tpunto1 : = 1.0003683806243
tduepunti0 : = 2.7935041592968E+14
v=v_elettrone : = 2899453.2092219
x0= : -2.5637726631518E-13
y0= : -4.6121715577603E-12
```

```
*****
i=35077
k(35077)=0.99999376821107
kQ(35077)=0.99998753646098
r1= : 4.6190438710144E-12
rpunto1: = -1058377.8157874
rduepunti0 : = -1.0287032467762E+25
fil : = 488.46226479743
fipunto1 : = 5.8464659069663E+17
fi_gradi : = 27986.826224295
t1 : = 1.0809556810304E-14
tpunto1 : = 1.0003684134253
tduepunti0 : = 2.7968457127689E+14
v=v_elettrone : = 2899960.1578486
x0= : -2.5605419383495E-13
y0= : -4.612065472175E-12
*****
i=35078
k(35078)=0.99999375399494
kQ(35078)=0.99998750802889
r1= : 4.6189197458471E-12
rpunto1: = -1059584.3252904
rduepunti0 : = -1.0287542167971E+25
fil : = 488.46233336402
fipunto1 : = 5.8467801250508E+17
fi_gradi : = 27986.830152871
t1 : = 1.0809556927626E-14
tpunto1 : = 1.0003684462655
tduepunti0 : = 2.8001879505983E+14
v=v_elettrone : = 2900467.6236554
x0= : -2.557311123188E-13
y0= : -4.6119592236433E-12
*****
i=35079
k(35079)=0.9999937397619
kQ(35079)=0.99998747956299
r1= : 4.618795479182E-12
rpunto1: = -1060790.8946431
rduepunti0 : = -1.0288052487551E+25
fil : = 488.4624019343
fipunto1 : = 5.8470947266927E+17
fi_gradi : = 27986.834081658
t1 : = 1.0809557044947E-14
tpunto1 : = 1.000368479145
tduepunti0 : = 2.8035308736824E+14
v=v_elettrone : = 2900975.6064429
x0= : -2.5540802177745E-13
y0= : -4.6118528121557E-12
*****
i=35080
k(35080)=0.99999372551195
kQ(35080)=0.99998745106328
r1= : 4.618671071012E-12
rpunto1: = -1061997.523918
rduepunti0 : = -1.0288563426662E+25
fil : = 488.46247050826
fipunto1 : = 5.8474097119993E+17
fi_gradi : = 27986.838010657
t1 : = 1.0809557162269E-14
tpunto1 : = 1.0003685120636
tduepunti0 : = 2.8068744829195E+14
v=v_elettrone : = 2901484.1081029
x0= : -2.5508492222163E-13
y0= : -4.6117462377029E-12
```

```
*****
i=35081
k(35081)=0.9999937112451
kQ(35081)=0.99998742252974
r1= : 4.61854652133E-12
rpunto1 : = -1063204.2131879
rduepunti0 : = -1.0289074985466E+25
fil : = 488.46253908592
fipunto1 : = 5.8477250810777E+17
fi_gradi : = 27986.841939867
t1 : = 1.0809557279591E-14
tpunto1 : = 1.0003685450215
tduepunti0 : = 2.8102187792078E+14
v=v_elettrone : = 2901993.1242782
x0= : -2.547618136618E-13
y0= : -4.6116395002756E-12
*****
i=35082
k(35082)=0.99999369696133
kQ(35082)=0.99998739396239
r1= : 4.6184218301292E-12
rpunto1 : = -1064410.9625254
rduepunti0 : = -1.0289587164125E+25
fil : = 488.46260766727
fipunto1 : = 5.8480408340356E+17
fi_gradi : = 27986.845869289
t1 : = 1.0809557396913E-14
tpunto1 : = 1.0003685780186
tduepunti0 : = 2.81356376344464E+14
v=v_elettrone : = 2902502.6589367
x0= : -2.5443869610896E-13
y0= : -4.6115325998644E-12
*****
i=35083
k(35083)=0.99999368266064
kQ(35083)=0.9999873653612
r1= : 4.6182969974023E-12
rpunto1 : = -1065617.7720033
rduepunti0 : = -1.0290099962801E+25
fil : = 488.46267625233
fipunto1 : = 5.8483569709807E+17
fi_gradi : = 27986.849798924
t1 : = 1.0809557514235E-14
tpunto1 : = 1.000368611055
tduepunti0 : = 2.8169094365346E+14
v=v_elettrone : = 2903012.7098049
x0= : -2.5411556957359E-13
y0= : -4.6114255364598E-12
*****
i=35084
k(35084)=0.99999366834304
kQ(35084)=0.99998733672617
r1= : 4.6181720231424E-12
rpunto1 : = -1066824.6416943
rduepunti0 : = -1.0290613381657E+25
fil : = 488.4627448411
fipunto1 : = 5.8486734920205E+17
fi_gradi : = 27986.85372877
t1 : = 1.0809557631557E-14
tpunto1 : = 1.0003686441306
tduepunti0 : = 2.8202557993722E+14
v=v_elettrone : = 2903523.2766898
x0= : -2.5379243406644E-13
y0= : -4.6113183100525E-12
```

```
*****
i=35085
k(35085)=0.99999365400851
kQ(35085)=0.9999873080573
r1= : 4.6180469073424E-12
rpunto1 : = -1068031.5716711
rduepunti0 : = -1.0291127420855E+25
fil : = 488.46281343357
fipunto1 : = 5.8489903972632E+17
fi_gradi : = 27986.85765883
t1 : = 1.0809557748879E-14
tpunto1 : = 1.0003686772454
tduepunti0 : = 2.8236028528596E+14
v=v_elettrone : = 2904034.3593923
x0= : -2.5346928959827E-13
y0= : -4.6112109206331E-12
*****
i=35086
k(35086)=0.99999363965706
kQ(35086)=0.99998727935457
r1= : 4.6179216499953E-12
rpunto1 : = -1069238.5620066
rduepunti0 : = -1.0291642080558E+25
fil : = 488.46288202977
fipunto1 : = 5.8493076868167E+17
fi_gradi : = 27986.861589102
t1 : = 1.0809557866201E-14
tpunto1 : = 1.0003687103995
tduepunti0 : = 2.8269505978976E+14
v=v_elettrone : = 2904545.9577237
x0= : -2.5314613617984E-13
y0= : -4.6111033681921E-12
*****
i=35087
k(35087)=0.99999362528867
kQ(35087)=0.99998725061799
r1= : 4.6177962510939E-12
rpunto1 : = -1070445.6127734
rduepunti0 : = -1.0292157360929E+25
fil : = 488.46295062969
fipunto1 : = 5.8496253607894E+17
fi_gradi : = 27986.865519588
t1 : = 1.0809557983523E-14
tpunto1 : = 1.0003687435929
tduepunti0 : = 2.8302990353873E+14
v=v_elettrone : = 2905058.0735713
x0= : -2.5282297382192E-13
y0= : -4.61099565272E-12
*****
i=35088
k(35088)=0.99999361090336
kQ(35088)=0.99998722184754
r1= : 4.6176707106311E-12
rpunto1 : = -1071652.7240445
rduepunti0 : = -1.0292673262131E+25
fil : = 488.46301923333
fipunto1 : = 5.8499434192895E+17
fi_gradi : = 27986.869450287
t1 : = 1.0809558100845E-14
tpunto1 : = 1.0003687768255
tduepunti0 : = 2.8336481662304E+14
v=v_elettrone : = 2905570.704657
x0= : -2.5249980253503E-13
y0= : -4.6108877742075E-12
```



```
*****
i=35089
k(35089)=0.99999359650111
kQ(35089)=0.99998719304322
r1= : 4.6175450285999E-12
rpunto1: = -1072859.8958926
rduepunti0 : = -1.0293189784327E+25
fil : = 488.4630878407
fipunto1 : = 5.8502618624256E+17
fi_gradi : = 27986.8733812
t1 : = 1.0809558218167E-14
tpunto1 : = 1.0003688100975
tduepunti0 : = 2.8369979913292E+14
v=v_elettrone : = 2906083.8528717
x0= : -2.5217662232996E-13
y0= : -4.6107797326451E-12
*****
i=35090
k(35090)=0.99999358208192
kQ(35090)=0.99998716420502
r1= : 4.6174192049932E-12
rpunto1: = -1074067.1283907
rduepunti0 : = -1.0293706927682E+25
fil : = 488.46315645181
fipunto1 : = 5.8505806903063E+17
fi_gradi : = 27986.877312327
t1 : = 1.0809558335489E-14
tpunto1 : = 1.0003688434087
tduepunti0 : = 2.8403485115861E+14
v=v_elettrone : = 2906597.5159317
x0= : -2.5185343321723E-13
y0= : -4.6106715280233E-12
*****
i=35091
k(35091)=0.99999356764578
kQ(35091)=0.99998713533294
r1= : 4.6172932398038E-12
rpunto1: = -1075274.4216114
rduepunti0 : = -1.0294224692359E+25
fil : = 488.46322506665
fipunto1 : = 5.8508999030404E+17
fi_gradi : = 27986.881243668
t1 : = 1.0809558452811E-14
tpunto1 : = 1.0003688767593
tduepunti0 : = 2.8436997279044E+14
v=v_elettrone : = 2907111.6936535
x0= : -2.5153023520765E-13
y0= : -4.6105631603326E-12
*****
i=35092
k(35092)=0.9999935531927
kQ(35092)=0.99998710642696
r1= : 4.6171671330247E-12
rpunto1: = -1076481.7756279
rduepunti0 : = -1.0294743078523E+25
fil : = 488.46329368524
fipunto1 : = 5.851219500737E+17
fi_gradi : = 27986.885175224
t1 : = 1.0809558570133E-14
tpunto1 : = 1.0003689101491
tduepunti0 : = 2.8470516411876E+14
v=v_elettrone : = 2907626.3858344
x0= : -2.5120702831202E-13
y0= : -4.6104546295637E-12
```

```
*****
i=35093
k(35093)=0.99999353872267
kQ(35093)=0.99998707748709
r1= : 4.6170408846487E-12
rpunto1: = -1077689.1905129
rduepunti0 : = -1.0295262086337E+25
fil : = 488.46336230758
fipunto1 : = 5.851539483505E+17
fi_gradi : = 27986.889106994
t1 : = 1.0809558687455E-14
tpunto1 : = 1.0003689435783
tduepunti0 : = 2.8504042523396E+14
v=v_elettrone : = 2908141.5943666
x0= : -2.5088381254116E-13
y0= : -4.6103459357068E-12
*****
i=35094
k(35094)=0.99999352423569
kQ(35094)=0.99998704851331
r1= : 4.6169144946686E-12
rpunto1: = -1078896.6663393
rduepunti0 : = -1.0295781715966E+25
fil : = 488.46343093367
fipunto1 : = 5.8518598514537E+17
fi_gradi : = 27986.893038979
t1 : = 1.0809558804776E-14
tpunto1 : = 1.0003689770468
tduepunti0 : = 2.8537575622649E+14
v=v_elettrone : = 2908657.319051
x0= : -2.5056058790562E-13
y0= : -4.6102370787526E-12
*****
i=35095
k(35095)=0.99999350973175
kQ(35095)=0.99998701950562
r1= : 4.6167879630773E-12
rpunto1: = -1080104.2031802
rduepunti0 : = -1.0296301967575E+25
fil : = 488.46349956352
fipunto1 : = 5.8521806046926E+17
fi_gradi : = 27986.89697118
t1 : = 1.0809558922098E-14
tpunto1 : = 1.0003690105546
tduepunti0 : = 2.8571115718686E+14
v=v_elettrone : = 2909173.557615
x0= : -2.5023735441598E-13
y0= : -4.6101280586916E-12
*****
i=35096
k(35096)=0.99999349521085
kQ(35096)=0.99998699046402
r1= : 4.6166612898677E-12
rpunto1: = -1081311.8011085
rduepunti0 : = -1.0296822841328E+25
fil : = 488.46356819713
fipunto1 : = 5.8525017433311E+17
fi_gradi : = 27986.900903596
t1 : = 1.080955903942E-14
tpunto1 : = 1.0003690441018
tduepunti0 : = 2.860466282056E+14
v=v_elettrone : = 2909690.3098647
x0= : -2.4991411208306E-13
y0= : -4.6100188755142E-12
```

```
*****
i=35097
k(35097)=0.99999348067299
kQ(35097)=0.99998696138849
r1= : 4.6165344750326E-12
rpunto1 : = -1082519.4601972
rduepunti0 : = -1.0297344337392E+25
fil : = 488.4636368345
fipunto1 : = 5.852823267479E+17
fi_gradi : = 27986.904836228
t1 : = 1.0809559156742E-14
tpunto1 : = 1.0003690776883
tduepunti0 : = 2.863821693733E+14
v=v_elettrone : = 2910207.5776849
x0= : -2.4959086091771E-13
y0= : -4.6099095292109E-12
*****
i=35098
k(35098)=0.99999346611817
kQ(35098)=0.99998693227902
r1= : 4.6164075185648E-12
rpunto1 : = -1083727.1805193
rduepunti0 : = -1.0297866455932E+25
fil : = 488.46370547565
fipunto1 : = 5.853145177246E+17
fi_gradi : = 27986.908769076
t1 : = 1.0809559274064E-14
tpunto1 : = 1.0003691113142
tduepunti0 : = 2.8671778078059E+14
v=v_elettrone : = 2910725.3608742
x0= : -2.4926760093053E-13
y0= : -4.6098000197721E-12
*****
i=35099
k(35099)=0.99999345154637
kQ(35099)=0.99998690313562
r1= : 4.6162804204571E-12
rpunto1 : = -1084934.9621477
rduepunti0 : = -1.0298389197112E+25
fil : = 488.46377412057
fipunto1 : = 5.8534674727422E+17
fi_gradi : = 27986.91270214
t1 : = 1.0809559391386E-14
tpunto1 : = 1.0003691449795
tduepunti0 : = 2.8705346251817E+14
v=v_elettrone : = 2911243.6571742
x0= : -2.4894433213209E-13
y0= : -4.6096903471883E-12
*****
i=35100
k(35100)=0.9999934369576
kQ(35100)=0.99998687395827
r1= : 4.6161531807024E-12
rpunto1 : = -1086142.8051556
rduepunti0 : = -1.02989125611E+25
fil : = 488.46384276927
fipunto1 : = 5.8537901540777E+17
fi_gradi : = 27986.916635421
t1 : = 1.0809559508708E-14
tpunto1 : = 1.0003691786841
tduepunti0 : = 2.8738921467675E+14
v=v_elettrone : = 2911762.4663747
x0= : -2.4862105453328E-13
y0= : -4.6095805114499E-12
```

```
*****
i=35101
k(35101)=0.99999342235186
kQ(35101)=0.99998684474698
r1= : 4.6160257992935E-12
rpunto1: = -1087350.709616
rduepunti0 : = -1.029943654806E+25
fil : = 488.46391142176
fipunto1 : = 5.8541132213627E+17
fi_gradi : = 27986.920568919
t1 : = 1.080955962603E-14
tpunto1 : = 1.0003692124281
tduepunti0 : = 2.8772503734713E+14
v=v_elettrone : = 2912281.7924436
x0= : -2.4829776814496E-13
y0= : -4.6094705125473E-12
*****
i=35102
k(35102)=0.99999340772913
kQ(35102)=0.99998681550172
r1= : 4.615898276223E-12
rpunto1: = -1088558.675602
rduepunti0 : = -1.029996115816E+25
fil : = 488.46398007803
fipunto1 : = 5.8544366747076E+17
fi_gradi : = 27986.924502634
t1 : = 1.0809559743352E-14
tpunto1 : = 1.0003692462115
tduepunti0 : = 2.8806093062011E+14
v=v_elettrone : = 2912801.6310297
x0= : -2.4797447297748E-13
y0= : -4.609360350471E-12
*****
i=35103
k(35103)=0.99999339308942
kQ(35103)=0.9999867862225
r1= : 4.615770611484E-12
rpunto1: = -1089766.7031867
rduepunti0 : = -1.0300486391565E+25
fil : = 488.4640487381
fipunto1 : = 5.8547605142231E+17
fi_gradi : = 27986.928436566
t1 : = 1.0809559860674E-14
tpunto1 : = 1.0003692800343
tduepunti0 : = 2.8839689458657E+14
v=v_elettrone : = 2913321.9819384
x0= : -2.4765116904173E-13
y0= : -4.6092500252114E-12
*****
i=35104
k(35104)=0.99999337843273
kQ(35104)=0.99998675690931
r1= : 4.615642805069E-12
rpunto1: = -1090974.7924432
rduepunti0 : = -1.0301012248443E+25
fil : = 488.46411740197
fipunto1 : = 5.8550847400198E+17
fi_gradi : = 27986.932370716
t1 : = 1.0809559977996E-14
tpunto1 : = 1.0003693138965
tduepunti0 : = 2.8873292933743E+14
v=v_elettrone : = 2913842.8470539
x0= : -2.4732785634861E-13
y0= : -4.6091395367588E-12
```

```
*****
i=35105
k(35105)=0.99999336375905
kQ(35105)=0.99998672756213
r1= : 4.6155148569708E-12
rpunto1 : = -1092182.9434447
rduepunti0 : = -1.0301538728961E+25
fil : = 488.46418606964
fipunto1 : = 5.8554093522085E+17
fi_gradi : = 27986.936305083
t1 : = 1.0809560095318E-14
tpunto1 : = 1.0003693477982
tduepunti0 : = 2.8906903496367E+14
v=v_elettrone : = 2914364.2261739
x0= : -2.4700453490876E-13
y0= : -4.6090288851036E-12
*****
i=35106
k(35106)=0.99999334906837
kQ(35106)=0.99998669818098
r1= : 4.6153867671824E-12
rpunto1 : = -1093391.1562642
rduepunti0 : = -1.0302065833285E+25
fil : = 488.46425474111
fipunto1 : = 5.8557343509004E+17
fi_gradi : = 27986.940239669
t1 : = 1.080956021264E-14
tpunto1 : = 1.0003693817392
tduepunti0 : = 2.8940521155628E+14
v=v_elettrone : = 2914886.119113
x0= : -2.4668120473282E-13
y0= : -4.6089180702362E-12
*****
i=35107
k(35107)=0.9999933343607
kQ(35107)=0.99998666876583
r1= : 4.6152585356963E-12
rpunto1 : = -1094599.430975
rduepunti0 : = -1.0302593561583E+25
fil : = 488.4643234164
fipunto1 : = 5.8560597362065E+17
fi_gradi : = 27986.944174473
t1 : = 1.0809560329962E-14
tpunto1 : = 1.0003694157197
tduepunti0 : = 2.8974145920633E+14
v=v_elettrone : = 2915408.523589
x0= : -2.4635786583144E-13
y0= : -4.6088070921471E-12
*****
i=35108
k(35108)=0.99999331963603
kQ(35108)=0.99998663931668
r1= : 4.6151301625053E-12
rpunto1 : = -1095807.7676503
rduepunti0 : = -1.0303121914023E+25
fil : = 488.4643920955
fipunto1 : = 5.8563855082382E+17
fi_gradi : = 27986.948109496
t1 : = 1.0809560447284E-14
tpunto1 : = 1.0003694497397
tduepunti0 : = 2.9007777800494E+14
v=v_elettrone : = 2915931.4414918
x0= : -2.4603451821555E-13
y0= : -4.6086959508264E-12
```

```
*****
i=35109
k(35109)=0.99999330489435
kQ(35109)=0.99998660983353
r1= : 4.6150016476021E-12
rpunto1 : = -1097016.1663634
rduepunti0 : = -1.0303650890772E+25
fil : = 488.46446077843
fipunto1 : = 5.8567116671069E+17
fi_gradi : = 27986.952044737
t1 : = 1.0809560564606E-14
tpunto1 : = 1.0003694837991
tduepunti0 : = 2.9041416804326E+14
v=v_elettrone : = 2916454.872621
x0= : -2.4571116189582E-13
y0= : -4.6085846462646E-12
*****
i=35110
k(35110)=0.99999329013567
kQ(35110)=0.99998658031636
r1= : 4.6148729909796E-12
rpunto1 : = -1098224.6271873
rduepunti0 : = -1.0304180491999E+25
fil : = 488.46452946518
fipunto1 : = 5.8570382129242E+17
fi_gradi : = 27986.955980198
t1 : = 1.0809560681928E-14
tpunto1 : = 1.0003695178979
tduepunti0 : = 2.9075062941249E+14
v=v_elettrone : = 2916978.8167834
x0= : -2.4538779688291E-13
y0= : -4.608473178452E-12
*****
i=35111
k(35111)=0.99999327535998
kQ(35111)=0.99998655076517
r1= : 4.6147441926303E-12
rpunto1 : = -1099433.1501955
rduepunti0 : = -1.0304710717871E+25
fil : = 488.46459815576
fipunto1 : = 5.8573651458018E+17
fi_gradi : = 27986.959915879
t1 : = 1.080956079925E-14
tpunto1 : = 1.0003695520363
tduepunti0 : = 2.9108716220388E+14
v=v_elettrone : = 2917503.2717066
x0= : -2.4506442318753E-13
y0= : -4.6083615473789E-12
*****
i=35112
k(35112)=0.99999326056727
kQ(35112)=0.99998652117996
r1= : 4.6146152525471E-12
rpunto1 : = -1100641.7354611
rduepunti0 : = -1.0305241568558E+25
fil : = 488.46466685017
fipunto1 : = 5.8576924658516E+17
fi_gradi : = 27986.963851779
t1 : = 1.0809560916572E-14
tpunto1 : = 1.0003695862141
tduepunti0 : = 2.9142376650874E+14
v=v_elettrone : = 2918028.2413455
x0= : -2.4474104082061E-13
y0= : -4.6082497530357E-12
```

```
*****
i=35113
k(35113)=0.99999324575755
kQ(35113)=0.99998649156072
r1= : 4.6144861707225E-12
rpunto1 : = -1101850.3830575
rduepunti0 : = -1.0305773044227E+25
fil : = 488.46473554842
fipunto1 : = 5.8580201731858E+17
fi_gradi : = 27986.967787898
t1 : = 1.0809561033895E-14
tpunto1 : = 1.0003696204313
tduepunti0 : = 2.9176044241842E+14
v=v_elettrone : = 2918553.7213567
x0= : -2.4441764979259E-13
y0= : -4.6081377954126E-12
*****
i=35114
k(35114)=0.99999323093081
kQ(35114)=0.99998646190743
r1= : 4.6143569471493E-12
rpunto1 : = -1103059.093058
rduepunti0 : = -1.0306305145049E+25
fil : = 488.46480425052
fipunto1 : = 5.8583482679163E+17
fi_gradi : = 27986.971724239
t1 : = 1.0809561151217E-14
tpunto1 : = 1.0003696546881
tduepunti0 : = 2.9209719002431E+14
v=v_elettrone : = 2919079.7136184
x0= : -2.4409425011445E-13
y0= : -4.6080256744999E-12
*****
i=35115
k(35115)=0.99999321608704
kQ(35115)=0.9999864322201
r1= : 4.6142275818202E-12
rpunto1 : = -1104267.8655359
rduepunti0 : = -1.0306837871191E+25
fil : = 488.46487295646
fipunto1 : = 5.8586767501557E+17
fi_gradi : = 27986.975660799
t1 : = 1.0809561268539E-14
tpunto1 : = 1.0003696889844
tduepunti0 : = 2.9243400941785E+14
v=v_elettrone : = 2919606.220005
x0= : -2.4377084179689E-13
y0= : -4.6079133902879E-12
*****
i=35116
k(35116)=0.99999320122625
kQ(35116)=0.99998640249872
r1= : 4.6140980747279E-12
rpunto1 : = -1105476.7005646
rduepunti0 : = -1.0307371222824E+25
fil : = 488.46494166625
fipunto1 : = 5.8590056200164E+17
fi_gradi : = 27986.97959758
t1 : = 1.0809561385861E-14
tpunto1 : = 1.0003697233202
tduepunti0 : = 2.9277090069054E+14
v=v_elettrone : = 2920133.236179
x0= : -2.4344742485037E-13
y0= : -4.607800942767E-12
```

```
*****
i=35117
k(35117)=0.99999318634842
kQ(35117)=0.99998637274327
r1= : 4.6139684258649E-12
rpunto1 : = -1106685.5982175
rduepunti0 : = -1.0307905200117E+25
fil : = 488.46501037991
fipunto1 : = 5.859334877611E+17
fi_gradi : = 27986.983534583
t1 : = 1.0809561503183E-14
tpunto1 : = 1.0003697576955
tduepunti0 : = 2.9310786393392E+14
v=v_elettrone : = 2920660.7640141
x0= : -2.4312399928588E-13
y0= : -4.6076883319273E-12
*****
i=35118
k(35118)=0.99999317145357
kQ(35118)=0.99998634295376
r1= : 4.613838635224E-12
rpunto1 : = -1107894.5585679
rduepunti0 : = -1.0308439803239E+25
fil : = 488.46507909742
fipunto1 : = 5.8596645230523E+17
fi_gradi : = 27986.987471806
t1 : = 1.0809561620505E-14
tpunto1 : = 1.0003697921103
tduepunti0 : = 2.9344489923959E+14
v=v_elettrone : = 2921188.8033154
x0= : -2.4280056511415E-13
y0= : -4.607575557759E-12
*****
i=35119
k(35119)=0.99999315654167
kQ(35119)=0.99998631313018
r1= : 4.6137087027978E-12
rpunto1 : = -1109103.5816893
rduepunti0 : = -1.0308975032362E+25
fil : = 488.4651478188
fipunto1 : = 5.8599945564532E+17
fi_gradi : = 27986.991409251
t1 : = 1.0809561737827E-14
tpunto1 : = 1.0003698265647
tduepunti0 : = 2.9378200669917E+14
v=v_elettrone : = 2921717.3538896
x0= : -2.4247712234594E-13
y0= : -4.6074626202526E-12
*****
i=35120
k(35120)=0.99999314161274
kQ(35120)=0.99998628327251
r1= : 4.613578628579E-12
rpunto1 : = -1110312.667655
rduepunti0 : = -1.0309510887654E+25
fil : = 488.46521654405
fipunto1 : = 5.8603249779269E+17
fi_gradi : = 27986.995346918
t1 : = 1.0809561855149E-14
tpunto1 : = 1.0003698610586
tduepunti0 : = 2.9411918640435E+14
v=v_elettrone : = 2922246.4155362
x0= : -2.4215367099198E-13
y0= : -4.6073495193981E-12
```



```
*****
i=35121
k(35121)=0.99999312666676
kQ(35121)=0.99998625338076
r1= : 4.6134484125602E-12
rpunto1 : = -1111521.8165387
rduepunti0 : = -1.0310047369287E+25
fil : = 488.46528527318
fipunto1 : = 5.8606557875865E+17
fi_gradi : = 27986.999284807
t1 : = 1.0809561972471E-14
tpunto1 : = 1.0003698955921
tduepunti0 : = 2.9445643844687E+14
v=v_elettrone : = 2922775.9880646
x0= : -2.4183021106303E-13
y0= : -4.6072362551858E-12
*****
i=35122
k(35122)=0.99999311170373
kQ(35122)=0.99998622345491
r1= : 4.6133180547339E-12
rpunto1 : = -1112731.0284137
rduepunti0 : = -1.0310584477431E+25
fil : = 488.46535400618
fipunto1 : = 5.8609869855454E+17
fi_gradi : = 27987.003222918
t1 : = 1.0809562089793E-14
tpunto1 : = 1.0003699301651
tduepunti0 : = 2.9479376291852E+14
v=v_elettrone : = 2923306.0712732
x0= : -2.4150674256987E-13
y0= : -4.6071228276059E-12
*****
i=35123
k(35123)=0.99999309672365
kQ(35123)=0.99998619349496
r1= : 4.6131875550929E-12
rpunto1 : = -1113940.3033535
rduepunti0 : = -1.0311122212257E+25
fil : = 488.46542274307
fipunto1 : = 5.8613185719171E+17
fi_gradi : = 27987.007161252
t1 : = 1.0809562207115E-14
tpunto1 : = 1.0003699647777
tduepunti0 : = 2.9513115991112E+14
v=v_elettrone : = 2923836.6670366
x0= : -2.4118326552326E-13
y0= : -4.6070092366486E-12
*****
i=35124
k(35124)=0.99999308172652
kQ(35124)=0.9999861635009
r1= : 4.6130569136296E-12
rpunto1 : = -1115149.6414317
rduepunti0 : = -1.0311660573936E+25
fil : = 488.46549148385
fipunto1 : = 5.8616505468154E+17
fi_gradi : = 27987.011099808
t1 : = 1.0809562324437E-14
tpunto1 : = 1.0003699994299
tduepunti0 : = 2.9546862951655E+14
v=v_elettrone : = 2924367.7710291
x0= : -2.4085977993372E-13
y0= : -4.6068954823041E-12
```

```
*****
i=35125
k(35125)=0.99999306671233
kQ(35125)=0.99998613347272
r1= : 4.6129261303368E-12
rpunto1: = -1116359.0427218
rduepunti0 : = -1.031219956264E+25
fil : = 488.46556022852
fipunto1 : = 5.861982910354E+17
fi_gradi : = 27987.015038588
t1 : = 1.0809562441759E-14
tpunto1 : = 1.0003700341216
tduepunti0 : = 2.9580617182676E+14
v=v_elettrone : = 2924899.3871753
x0= : -2.4053628581229E-13
y0= : -4.6067815645626E-12
*****
i=35126
k(35126)=0.99999305168107
kQ(35126)=0.99998610341043
r1= : 4.612795205207E-12
rpunto1: = -1117568.5072973
rduepunti0 : = -1.0312739178541E+25
fil : = 488.46562897709
fipunto1 : = 5.862315662647E+17
fi_gradi : = 27987.018977591
t1 : = 1.0809562559081E-14
tpunto1 : = 1.000370068853
tduepunti0 : = 2.961437869337E+14
v=v_elettrone : = 2925431.513227
x0= : -2.4021278316952E-13
y0= : -4.6066674834143E-12
*****
i=35127
k(35127)=0.99999303663276
kQ(35127)=0.999986073314
r1= : 4.6126641382328E-12
rpunto1: = -1118778.0352319
rduepunti0 : = -1.0313279421809E+25
fil : = 488.46569772956
fipunto1 : = 5.8626488038084E+17
fi_gradi : = 27987.022916817
t1 : = 1.0809562676403E-14
tpunto1 : = 1.000370103624
tduepunti0 : = 2.9648147492942E+14
v=v_elettrone : = 2925964.1489777
x0= : -2.398892720162E-13
y0= : -4.6065532388492E-12
*****
i=35128
k(35128)=0.99999302156737
kQ(35128)=0.99998604318344
r1= : 4.6125329294067E-12
rpunto1: = -1119987.6265991
rduepunti0 : = -1.0313820292617E+25
fil : = 488.46576648594
fipunto1 : = 5.8629823339525E+17
fi_gradi : = 27987.026856267
t1 : = 1.0809562793726E-14
tpunto1 : = 1.0003701384345
tduepunti0 : = 2.9681923590599E+14
v=v_elettrone : = 2926497.2942339
x0= : -2.3956575236315E-13
y0= : -4.6064388308577E-12
```

```
*****
i=35129
k(35129)=0.99999300648491
kQ(35129)=0.99998601301873
r1= : 4.6124015787213E-12
rpunto1 : = -1121197.2814725
rduepunti0 : = -1.0314361791137E+25
fil : = 488.46583524623
fipunto1 : = 5.8633162531938E+17
fi_gradi : = 27987.030795942
t1 : = 1.0809562911048E-14
tpunto1 : = 1.0003701732847
tduepunti0 : = 2.9715706995554E+14
v=v_elettrone : = 2927030.9508695
x0= : -2.3924222422118E-13
y0= : -4.6063242594297E-12
*****
i=35130
k(35130)=0.99999299138538
kQ(35130)=0.99998598281988
r1= : 4.6122700861691E-12
rpunto1 : = -1122406.9999258
rduepunti0 : = -1.0314903917543E+25
fil : = 488.46590401044
fipunto1 : = 5.8636505616467E+17
fi_gradi : = 27987.034735841
t1 : = 1.080956302837E-14
tpunto1 : = 1.0003702081745
tduepunti0 : = 2.9749497717024E+14
v=v_elettrone : = 2927565.1166159
x0= : -2.3891868760085E-13
y0= : -4.6062095245555E-12
*****
i=35131
k(35131)=0.99999297626877
kQ(35131)=0.99998595258686
r1= : 4.6121384517428E-12
rpunto1 : = -1123616.7820326
rduepunti0 : = -1.0315446672005E+25
fil : = 488.46597277857
fipunto1 : = 5.8639852594261E+17
fi_gradi : = 27987.038675964
t1 : = 1.0809563145692E-14
tpunto1 : = 1.000370243104
tduepunti0 : = 2.9783295764231E+14
v=v_elettrone : = 2928099.791281
x0= : -2.3859514251301E-13
y0= : -4.6060946262251E-12
*****
i=35132
k(35132)=0.99999296113507
kQ(35132)=0.99998592231969
r1= : 4.6120066754348E-12
rpunto1 : = -1124826.6278666
rduepunti0 : = -1.0315990054698E+25
fil : = 488.46604155062
fipunto1 : = 5.8643203466468E+17
fi_gradi : = 27987.042616312
t1 : = 1.0809563263014E-14
tpunto1 : = 1.0003702780731
tduepunti0 : = 2.9817101146403E+14
v=v_elettrone : = 2928634.9746649
x0= : -2.3827158896847E-13
y0= : -4.6059795644287E-12
```

```
*****
i=35133
k(35133)=0.99999294598429
kQ(35133)=0.99998589201834
r1= : 4.6118747572377E-12
rpunto1 : = -1126036.5375016
rduepunti0 : = -1.0316534065795E+25
fil : = 488.4661103266
fipunto1 : = 5.8646558234239E+17
fi_gradi : = 27987.046556886
t1 : = 1.0809563380336E-14
tpunto1 : = 1.0003703130819
tduepunti0 : = 2.9850913872772E+14
v=v_elettrone : = 2929170.6686388
x0= : -2.3794802697811E-13
y0= : -4.6058643391564E-12
*****
i=35134
k(35134)=0.99999293081642
kQ(35134)=0.99998586168281
r1= : 4.6117426971439E-12
rpunto1 : = -1127246.5110112
rduepunti0 : = -1.0317078705468E+25
fil : = 488.46617910652
fipunto1 : = 5.8649916898724E+17
fi_gradi : = 27987.050497685
t1 : = 1.0809563497658E-14
tpunto1 : = 1.0003703481303
tduepunti0 : = 2.9884733952576E+14
v=v_elettrone : = 2929706.8709427
x0= : -2.376244565525E-13
y0= : -4.6057489503982E-12
*****
i=35135
k(35135)=0.99999291563146
kQ(35135)=0.9999858313131
r1= : 4.611610495146E-12
rpunto1 : = -1128456.5484691
rduepunti0 : = -1.0317623973892E+25
fil : = 488.46624789038
fipunto1 : = 5.8653279461078E+17
fi_gradi : = 27987.05443871
t1 : = 1.080956361498E-14
tpunto1 : = 1.0003703832184
tduepunti0 : = 2.9918561395056E+14
v=v_elettrone : = 2930243.5834384
x0= : -2.3730087770252E-13
y0= : -4.6056333981442E-12
*****
i=35136
k(35136)=0.9999929004294
kQ(35136)=0.9999858009092
r1= : 4.6114781512365E-12
rpunto1 : = -1129666.6499492
rduepunti0 : = -1.031816987124E+25
fil : = 488.46631667818
fipunto1 : = 5.8656645922455E+17
fi_gradi : = 27987.05837996
t1 : = 1.0809563732303E-14
tpunto1 : = 1.0003704183462
tduepunti0 : = 2.9952396209461E+14
v=v_elettrone : = 2930780.8038703
x0= : -2.3697729043876E-13
y0= : -4.6055176823846E-12
```

```
*****
i=35137
k(35137)=0.99999288521024
kQ(35137)=0.99998577047109
r1= : 4.6113456654079E-12
rpunto1 : = -1130876.8155252
rduepunti0 : = -1.0318716397686E+25
fil : = 488.46638546992
fipunto1 : = 5.8660016284011E+17
fi_gradi : = 27987.062321437
t1 : = 1.0809563849625E-14
tpunto1 : = 1.0003704535136
tduepunti0 : = 2.9986238405041E+14
v=v_elettrone : = 2931318.5320431
x0= : -2.3665369477212E-13
y0= : -4.6054018031093E-12
*****
i=35138
k(35138)=0.99999286997397
kQ(35138)=0.99998573999879
r1= : 4.6112130376527E-12
rpunto1 : = -1132087.0452709
rduepunti0 : = -1.0319263553405E+25
fil : = 488.46645426562
fipunto1 : = 5.8663390546903E+17
fi_gradi : = 27987.06626314
t1 : = 1.0809563966947E-14
tpunto1 : = 1.0003704887208
tduepunti0 : = 3.0020087991055E+14
v=v_elettrone : = 2931856.7698163
x0= : -2.3633009071347E-13
y0= : -4.6052857603085E-12
*****
i=35139
k(35139)=0.9999928547206
kQ(35139)=0.99998570949226
r1= : 4.6110802679633E-12
rpunto1 : = -1133297.3392601
rduepunti0 : = -1.0319811338571E+25
fil : = 488.46652306528
fipunto1 : = 5.8666768712292E+17
fi_gradi : = 27987.07020507
t1 : = 1.0809564084269E-14
tpunto1 : = 1.0003705239677
tduepunti0 : = 3.0053944976764E+14
v=v_elettrone : = 2932395.517001
x0= : -2.3600647827345E-13
y0= : -4.605169553972E-12
*****
i=35140
k(35140)=0.99999283945012
kQ(35140)=0.99998567895152
r1= : 4.6109473563322E-12
rpunto1 : = -1134507.6975667
rduepunti0 : = -1.0320359753359E+25
fil : = 488.4665918689
fipunto1 : = 5.8670150781338E+17
fi_gradi : = 27987.074147227
t1 : = 1.0809564201591E-14
tpunto1 : = 1.0003705592543
tduepunti0 : = 3.0087809371436E+14
v=v_elettrone : = 2932934.7692691
x0= : -2.3568285746269E-13
y0= : -4.6050531840901E-12
```

```
*****
i=35141
k(35141)=0.99999282416253
kQ(35141)=0.99998564837655
r1= : 4.6108143027518E-12
rpunto1 : = -1135718.1202645
rduepunti0 : = -1.0320908797943E+25
fil : = 488.46666067649
fipunto1 : = 5.8673536755203E+17
fi_gradi : = 27987.078089612
t1 : = 1.0809564318913E-14
tpunto1 : = 1.0003705945806
tduepunti0 : = 3.0121681184342E+14
v=v_elettrone : = 2933474.5326129
x0= : -2.3535922829237E-13
y0= : -4.6049366506527E-12
*****
i=35142
k(35142)=0.99999280885782
kQ(35142)=0.99998561776735
r1= : 4.6106811072147E-12
rpunto1 : = -1136928.6074274
rduepunti0 : = -1.0321458472499E+25
fil : = 488.46672948805
fipunto1 : = 5.8676926635051E+17
fi_gradi : = 27987.082032224
t1 : = 1.0809564436235E-14
tpunto1 : = 1.0003706299466
tduepunti0 : = 3.0155560424759E+14
v=v_elettrone : = 2934014.8027125
x0= : -2.3503559077288E-13
y0= : -4.6048199536497E-12
*****
i=35143
k(35143)=0.99999279353598
kQ(35143)=0.9999855871239
r1= : 4.6105477697132E-12
rpunto1 : = -1138139.1591294
rduepunti0 : = -1.0322008777202E+25
fil : = 488.46679830358
fipunto1 : = 5.8680320422047E+17
fi_gradi : = 27987.085975063
t1 : = 1.0809564553558E-14
tpunto1 : = 1.0003706653524
tduepunti0 : = 3.0189447101971E+14
v=v_elettrone : = 2934555.581427
x0= : -2.3471194491515E-13
y0= : -4.6047030930713E-12
*****
i=35144
k(35144)=0.99999277819703
kQ(35144)=0.99998555644621
r1= : 4.6104142902398E-12
rpunto1 : = -1139349.7754443
rduepunti0 : = -1.0322559712228E+25
fil : = 488.46686712309
fipunto1 : = 5.8683718117359E+17
fi_gradi : = 27987.089918131
t1 : = 1.080956467088E-14
tpunto1 : = 1.000370700798
tduepunti0 : = 3.0223341225263E+14
v=v_elettrone : = 2935096.8665069
x0= : -2.3438829072983E-13
y0= : -4.6045860689074E-12
```

```
*****
i=35145
k(35145)=0.99999276284094
kQ(35145)=0.99998552573426
r1= : 4.6102806687869E-12
rpunto1 : = -1140560.456446
rduepunti0 : = -1.0323111277753E+25
fil : = 488.46693594659
fipunto1 : = 5.8687119722153E+17
fi_gradi : = 27987.093861427
t1 : = 1.0809564788202E-14
tpunto1 : = 1.0003707362833
tduepunti0 : = 3.0257242803928E+14
v=v_elettrone : = 2935638.6598137
x0= : -2.3406462822789E-13
y0= : -4.6044688811479E-12
*****
i=35146
k(35146)=0.99999274746772
kQ(35146)=0.99998549498804
r1= : 4.6101469053469E-12
rpunto1 : = -1141771.2022086
rduepunti0 : = -1.0323663473952E+25
fil : = 488.46700477408
fipunto1 : = 5.8690525237601E+17
fi_gradi : = 27987.097804951
t1 : = 1.0809564905524E-14
tpunto1 : = 1.0003707718083
tduepunti0 : = 3.0291151847264E+14
v=v_elettrone : = 2936180.9590811
x0= : -2.3374095741999E-13
y0= : -4.6043515297829E-12
*****
i=35147
k(35147)=0.99999273207737
kQ(35147)=0.99998546420756
r1= : 4.6100129999122E-12
rpunto1 : = -1142982.0128061
rduepunti0 : = -1.0324216301002E+25
fil : = 488.46707360556
fipunto1 : = 5.8693934664873E+17
fi_gradi : = 27987.101748705
t1 : = 1.0809565022846E-14
tpunto1 : = 1.0003708073732
tduepunti0 : = 3.0325068364572E+14
v=v_elettrone : = 2936723.7661853
x0= : -2.3341727831711E-13
y0= : -4.6042340148023E-12
*****
i=35148
k(35148)=0.99999271666988
kQ(35148)=0.9999854333928
r1= : 4.6098789524752E-12
rpunto1 : = -1144192.8883124
rduepunti0 : = -1.032476975908E+25
fil : = 488.46714244104
fipunto1 : = 5.8697348005142E+17
fi_gradi : = 27987.105692687
t1 : = 1.0809565140168E-14
tpunto1 : = 1.0003708429778
tduepunti0 : = 3.035899236516E+14
v=v_elettrone : = 2937267.0809172
x0= : -2.3309359092992E-13
y0= : -4.604116336196E-12
```

```
*****
i=35149
k(35149)=0.99999270124524
kQ(35149)=0.99998540254376
r1= : 4.6097447630284E-12
rpunto1 : = -1145403.8288016
rduepunti0 : = -1.0325323848361E+25
fil : = 488.46721128052
fipunto1 : = 5.8700765259583E+17
fi_gradi : = 27987.109636899
t1 : = 1.0809565257491E-14
tpunto1 : = 1.0003708786222
tduepunti0 : = 3.039292385834E+14
v=v_elettrone : = 2937810.9030861
x0= : -2.3276989526916E-13
y0= : -4.603998493954E-12
*****
i=35150
k(35150)=0.99999268580346
kQ(35150)=0.99998537166042
r1= : 4.609610431564E-12
rpunto1 : = -1146614.8343476
rduepunti0 : = -1.0325878569024E+25
fil : = 488.46728012401
fipunto1 : = 5.8704186429371E+17
fi_gradi : = 27987.11358134
t1 : = 1.0809565374813E-14
tpunto1 : = 1.0003709143065
tduepunti0 : = 3.0426862853429E+14
v=v_elettrone : = 2938355.2304369
x0= : -2.3244619134552E-13
y0= : -4.6038804880662E-12
*****
i=35151
k(35151)=0.99999267034453
kQ(35151)=0.99998534074279
r1= : 4.6094759580745E-12
rpunto1 : = -1147825.9050247
rduepunti0 : = -1.0326433921245E+25
fil : = 488.46734897151
fipunto1 : = 5.8707611515684E+17
fi_gradi : = 27987.117526012
t1 : = 1.0809565492135E-14
tpunto1 : = 1.0003709500305
tduepunti0 : = 3.0460809359751E+14
v=v_elettrone : = 2938900.0668799
x0= : -2.3212247917001E-13
y0= : -4.6037623185225E-12
*****
i=35152
k(35152)=0.99999265486845
kQ(35152)=0.99998530979085
r1= : 4.6093413425521E-12
rpunto1 : = -1149037.0409068
rduepunti0 : = -1.0326989905202E+25
fil : = 488.46741782303
fipunto1 : = 5.8711040519701E+17
fi_gradi : = 27987.121470913
t1 : = 1.0809565609457E-14
tpunto1 : = 1.0003709857944
tduepunti0 : = 3.0494763386632E+14
v=v_elettrone : = 2939445.408114
x0= : -2.3179875875309E-13
y0= : -4.6036439853128E-12
```



```
*****
i=35153
k(35153)=0.99999263937521
kQ(35153)=0.99998527880459
r1= : 4.6092065849894E-12
rpunto1 : = -1150248.2420681
rduepunti0 : = -1.0327546521073E+25
fil : = 488.46748667857
fipunto1 : = 5.8714473442602E+17
fi_gradi : = 27987.125416045
t1 : = 1.0809565726779E-14
tpunto1 : = 1.000371021598
tduepunti0 : = 3.0528724943405E+14
v=v_elettrone : = 2939991.2539332
x0= : -2.3147503010576E-13
y0= : -4.6035254884271E-12
*****
i=35154
k(35154)=0.99999262386481
kQ(35154)=0.99998524778402
r1= : 4.6090716853786E-12
rpunto1 : = -1151459.5085828
rduepunti0 : = -1.0328103769034E+25
fil : = 488.46755553814
fipunto1 : = 5.8717910285569E+17
fi_gradi : = 27987.129361408
t1 : = 1.0809565844102E-14
tpunto1 : = 1.0003710574416
tduepunti0 : = 3.0562694039408E+14
v=v_elettrone : = 2940537.6082589
x0= : -2.3115129323903E-13
y0= : -4.6034068278552E-12
*****
i=35155
k(35155)=0.99999260833724
kQ(35155)=0.99998521672912
r1= : 4.608936643712E-12
rpunto1 : = -1152670.8405249
rduepunti0 : = -1.0328661649265E+25
fil : = 488.46762440174
fipunto1 : = 5.8721351049786E+17
fi_gradi : = 27987.133307001
t1 : = 1.0809565961424E-14
tpunto1 : = 1.0003710933249
tduepunti0 : = 3.0596670683984E+14
v=v_elettrone : = 2941084.4688357
x0= : -2.308275481634E-13
y0= : -4.6032880035869E-12
*****
i=35156
k(35156)=0.99999259279251
kQ(35156)=0.99998518563989
r1= : 4.608801459982E-12
rpunto1 : = -1153882.2379686
rduepunti0 : = -1.0329220161943E+25
fil : = 488.46769326937
fipunto1 : = 5.8724795736437E+17
fi_gradi : = 27987.137252826
t1 : = 1.0809566078746E-14
tpunto1 : = 1.0003711292482
tduepunti0 : = 3.0630654886481E+14
v=v_elettrone : = 2941631.83341
x0= : -2.3050379488963E-13
y0= : -4.6031690156122E-12
```

```
*****
i=35157
k(35157)=0.99999257723061
kQ(35157)=0.99998515451631
r1= : 4.6086661341808E-12
rpunto1 : = -1155093.7009881
rduepunti0 : = -1.0329779307247E+25
fil : = 488.46776214105
fipunto1 : = 5.872824434671E+17
fi_gradi : = 27987.141198882
t1 : = 1.0809566196068E-14
tpunto1 : = 1.0003711652113
tduepunti0 : = 3.0664646656251E+14
v=v_elettrone : = 2942179.7038324
x0= : -2.3018003342875E-13
y0= : -4.6030498639209E-12
*****
i=35158
k(35158)=0.99999256165153
kQ(35158)=0.99998512335838
r1= : 4.6085306663009E-12
rpunto1 : = -1156305.2296577
rduepunti0 : = -1.0330339085357E+25
fil : = 488.46783101676
fipunto1 : = 5.8731696881791E+17
fi_gradi : = 27987.14514517
t1 : = 1.080956631339E-14
tpunto1 : = 1.0003712012142
tduepunti0 : = 3.0698646002653E+14
v=v_elettrone : = 2942728.0819734
x0= : -2.2985626379154E-13
y0= : -4.6029305485029E-12
*****
i=35159
k(35159)=0.99999254605527
kQ(35159)=0.9999850921661
r1= : 4.6083950563345E-12
rpunto1 : = -1157516.8240516
rduepunti0 : = -1.033089949645E+25
fil : = 488.46789989653
fipunto1 : = 5.8735153342871E+17
fi_gradi : = 27987.14909169
t1 : = 1.0809566430713E-14
tpunto1 : = 1.0003712372571
tduepunti0 : = 3.073265293505E+14
v=v_elettrone : = 2943276.9635189
x0= : -2.2953248598854E-13
y0= : -4.6028110693479E-12
*****
i=35160
k(35160)=0.99999253044183
kQ(35160)=0.99998506093946
r1= : 4.6082593042738E-12
rpunto1 : = -1158728.4842441
rduepunti0 : = -1.0331460540706E+25
fil : = 488.46796878035
fipunto1 : = 5.8738613731141E+17
fi_gradi : = 27987.153038442
t1 : = 1.0809566548035E-14
tpunto1 : = 1.0003712733398
tduepunti0 : = 3.0766667462811E+14
v=v_elettrone : = 2943826.350329
x0= : -2.2920870003079E-13
y0= : -4.6026914264459E-12
```

```
*****
i=35161
k(35161)=0.99999251481121
kQ(35161)=0.99998502967845
r1= : 4.6081234101113E-12
rpunto1 : = -1159940.2103093
rduepunti0 : = -1.0332022218305E+25
fil : = 488.46803766823
fipunto1 : = 5.8742078047793E+17
fi_gradi : = 27987.156985427
t1 : = 1.0809566665357E-14
tpunto1 : = 1.0003713094625
tduepunti0 : = 3.0800689595309E+14
v=v_elettrone : = 2944376.24425
x0= : -2.288849059291E-13
y0= : -4.6025716197865E-12
*****
i=35162
k(35162)=0.9999924991634
kQ(35162)=0.99998499838305
r1= : 4.6079873738391E-12
rpunto1 : = -1161152.0023216
rduepunti0 : = -1.0332584529425E+25
fil : = 488.46810656017
fipunto1 : = 5.8745546294022E+17
fi_gradi : = 27987.160932644
t1 : = 1.0809566782679E-14
tpunto1 : = 1.000371345625
tduepunti0 : = 3.0834719341923E+14
v=v_elettrone : = 2944926.6409904
x0= : -2.2856110369402E-13
y0= : -4.6024516493597E-12
*****
i=35163
k(35163)=0.99999248349839
kQ(35163)=0.99998496705328
r1= : 4.6078511954495E-12
rpunto1 : = -1162363.8603554
rduepunti0 : = -1.0333147474248E+25
fil : = 488.46817545618
fipunto1 : = 5.8749018471023E+17
fi_gradi : = 27987.164880095
t1 : = 1.0809566900002E-14
tpunto1 : = 1.0003713818275
tduepunti0 : = 3.0868756712036E+14
v=v_elettrone : = 2945477.544449
x0= : -2.2823729333662E-13
y0= : -4.6023315151552E-12
*****
i=35164
k(35164)=0.99999246781619
kQ(35164)=0.99998493568911
r1= : 4.6077148749348E-12
rpunto1 : = -1163575.784485
rduepunti0 : = -1.0333711052954E+25
fil : = 488.46824435626
fipunto1 : = 5.8752494579993E+17
fi_gradi : = 27987.168827779
t1 : = 1.0809567017324E-14
tpunto1 : = 1.0003714180699
tduepunti0 : = 3.0902801715038E+14
v=v_elettrone : = 2946028.9503277
x0= : -2.2791347486749E-13
y0= : -4.6022112171628E-12
```

```
*****
i=35165
k(35165)=0.99999245211678
kQ(35165)=0.99998490429054
r1= : 4.6075784122872E-12
rpunto1 : = -1164787.7747847
rduepunti0 : = -1.0334275265721E+25
fil : = 488.46831326042
fipunto1 : = 5.8755974622132E+17
fi_gradi : = 27987.172775696
t1 : = 1.0809567134646E-14
tpunto1 : = 1.0003714543523
tduepunti0 : = 3.0936854360323E+14
v=v_elettrone : = 2946580.8625329
x0= : -2.275896482977E-13
y0= : -4.6020907553723E-12
*****
i=35166
k(35166)=0.99999243640018
kQ(35166)=0.99998487285756
r1= : 4.6074418074989E-12
rpunto1 : = -1165999.8313289
rduepunti0 : = -1.0334840112732E+25
fil : = 488.46838216866
fipunto1 : = 5.8759458598639E+17
fi_gradi : = 27987.176723848
t1 : = 1.0809567251968E-14
tpunto1 : = 1.0003714906745
tduepunti0 : = 3.0970914657291E+14
v=v_elettrone : = 2947133.2788106
x0= : -2.2726581363785E-13
y0= : -4.6019701297734E-12
*****
i=35167
k(35167)=0.99999242066636
kQ(35167)=0.99998484139017
r1= : 4.6073050605623E-12
rpunto1 : = -1167211.954192
rduepunti0 : = -1.0335405594167E+25
fil : = 488.46845108098
fipunto1 : = 5.8762946510716E+17
fi_gradi : = 27987.180672233
t1 : = 1.0809567369291E-14
tpunto1 : = 1.0003715270368
tduepunti0 : = 3.1004982615345E+14
v=v_elettrone : = 2947686.1989665
x0= : -2.2694197089879E-13
y0= : -4.6018493403559E-12
*****
i=35168
k(35168)=0.99999240491534
kQ(35168)=0.99998480988836
r1= : 4.6071681714695E-12
rpunto1 : = -1168424.1434485
rduepunti0 : = -1.0335971710207E+25
fil : = 488.4685199974
fipunto1 : = 5.8766438359566E+17
fi_gradi : = 27987.184620853
t1 : = 1.0809567486613E-14
tpunto1 : = 1.000371563439
tduepunti0 : = 3.1039058243896E+14
v=v_elettrone : = 2948239.6228015
x0= : -2.2661812009136E-13
y0= : -4.6017283871095E-12
```

```
*****
i=35169
k(35169)=0.9999923891471
kQ(35169)=0.99998477835212
r1= : 4.6070311402127E-12
rpunto1 : = -1169636.3991728
rduepunti0 : = -1.0336538461033E+25
fil : = 488.46858891791
fipunto1 : = 5.8769934146395E+17
fi_gradi : = 27987.188569707
t1 : = 1.0809567603935E-14
tpunto1 : = 1.0003715998812
tduepunti0 : = 3.1073141552358E+14
v=v_elettrone : = 2948793.5501161
x0= : -2.2629426122645E-13
y0= : -4.6016072700239E-12
*****
i=35170
k(35170)=0.99999237336164
kQ(35170)=0.99998474678144
r1= : 4.6068939667841E-12
rpunto1 : = -1170848.7214393
rduepunti0 : = -1.0337105846826E+25
fil : = 488.46865784252
fipunto1 : = 5.8773433872409E+17
fi_gradi : = 27987.192518796
t1 : = 1.0809567721257E-14
tpunto1 : = 1.0003716363633
tduepunti0 : = 3.1107232550152E+14
v=v_elettrone : = 2949347.9827732
x0= : -2.2597039431492E-13
y0= : -4.601485989089E-12
*****
i=35171
k(35171)=0.99999235755896
kQ(35171)=0.99998471517632
r1= : 4.6067566511759E-12
rpunto1 : = -1172061.1103226
rduepunti0 : = -1.033767386777E+25
fil : = 488.46872677124
fipunto1 : = 5.8776937538815E+17
fi_gradi : = 27987.196468121
t1 : = 1.080956783858E-14
tpunto1 : = 1.0003716728855
tduepunti0 : = 3.1141331246704E+14
v=v_elettrone : = 2949902.9185073
x0= : -2.2564651936739E-13
y0= : -4.6013645442943E-12
*****
i=35172
k(35172)=0.99999234173905
kQ(35172)=0.99998468353675
r1= : 4.6066191933804E-12
rpunto1 : = -1173273.5658972
rduepunti0 : = -1.0338242524044E+25
fil : = 488.46879570406
fipunto1 : = 5.8780445146824E+17
fi_gradi : = 27987.200417681
t1 : = 1.0809567955902E-14
tpunto1 : = 1.0003717094476
tduepunti0 : = 3.1175437651443E+14
v=v_elettrone : = 2950458.3571274
x0= : -2.2532263639477E-13
y0= : -4.6012429356297E-12
```

```
*****
i=35173
k(35173)=0.99999232590192
kQ(35173)=0.99998465186272
r1= : 4.6064815933897E-12
rpunto1 : = -1174486.0882376
rduepunti0 : = -1.0338811815832E+25
fil : = 488.468864641
fipunto1 : = 5.8783956697645E+17
fi_gradi : = 27987.204367476
t1 : = 1.0809568073224E-14
tpunto1 : = 1.0003717460498
tduepunti0 : = 3.1209551773806E+14
v=v_elettrone : = 2951014.3004914
x0= : -2.2499874540794E-13
y0= : -4.6011211630847E-12
*****
i=35174
k(35174)=0.99999231004755
kQ(35174)=0.99998462015423
r1= : 4.6063438511959E-12
rpunto1 : = -1175698.6774183
rduepunti0 : = -1.0339381743316E+25
fil : = 488.46893358206
fipunto1 : = 5.8787472192493E+17
fi_gradi : = 27987.208317508
t1 : = 1.0809568190547E-14
tpunto1 : = 1.0003717826919
tduepunti0 : = 3.1243673623233E+14
v=v_elettrone : = 2951570.7463422
x0= : -2.2467484641755E-13
y0= : -4.6009992266491E-12
*****
i=35175
k(35175)=0.99999229417594
kQ(35175)=0.99998458841126
r1= : 4.6062059667913E-12
rpunto1 : = -1176911.3335139
rduepunti0 : = -1.0339952306679E+25
fil : = 488.46900252723
fipunto1 : = 5.8790991632581E+17
fi_gradi : = 27987.212267776
t1 : = 1.0809568307869E-14
tpunto1 : = 1.0003718193741
tduepunti0 : = 3.1277803209171E+14
v=v_elettrone : = 2952127.6944907
x0= : -2.2435093943452E-13
y0= : -4.6008771263125E-12
*****
i=35176
k(35176)=0.99999227828709
kQ(35176)=0.99998455663381
r1= : 4.6060679401679E-12
rpunto1 : = -1178124.0565991
rduepunti0 : = -1.0340523506103E+25
fil : = 488.46907147654
fipunto1 : = 5.8794515019124E+17
fi_gradi : = 27987.21621828
t1 : = 1.0809568425191E-14
tpunto1 : = 1.0003718560964
tduepunti0 : = 3.1311940541072E+14
v=v_elettrone : = 2952685.1467795
x0= : -2.2402702446977E-13
y0= : -4.6007548620646E-12
```

```
*****
i=35177
k(35177)=0.999992262381
kQ(35177)=0.99998452482188
r1= : 4.605929771318E-12
rpunto1 : = -1179336.8467484
rduepunti0 : = -1.0341095341772E+25
fil : = 488.46914042998
fipunto1 : = 5.879804235334E+17
fi_gradi : = 27987.220169021
t1 : = 1.0809568542514E-14
tpunto1 : = 1.0003718928586
tduepunti0 : = 3.1346085628392E+14
v=v_elettrone : = 2953243.100964
x0= : -2.2370310153397E-13
y0= : -4.600632433895E-12
*****
i=35178
k(35178)=0.99999224645767
kQ(35178)=0.99998449297545
r1= : 4.6057914602336E-12
rpunto1 : = -1180549.7040365
rduepunti0 : = -1.0341667813868E+25
fil : = 488.46920938756
fipunto1 : = 5.8801573636447E+17
fi_gradi : = 27987.224119999
t1 : = 1.0809568659836E-14
tpunto1 : = 1.000371929661
tduepunti0 : = 3.1380238480593E+14
v=v_elettrone : = 2953801.5568516
x0= : -2.2337917063806E-13
y0= : -4.6005098417935E-12
*****
i=35179
k(35179)=0.99999223051708
kQ(35179)=0.99998446109452
r1= : 4.6056530069069E-12
rpunto1 : = -1181762.628538
rduepunti0 : = -1.0342240922577E+25
fil : = 488.46927834927
fipunto1 : = 5.8805108869666E+17
fi_gradi : = 27987.228071214
t1 : = 1.0809568777158E-14
tpunto1 : = 1.0003719665034
tduepunti0 : = 3.1414399107144E+14
v=v_elettrone : = 2954360.5162819
x0= : -2.2305523179298E-13
y0= : -4.6003870857495E-12
*****
i=35180
k(35180)=0.99999221455923
kQ(35180)=0.99998442917908
r1= : 4.60551441133E-12
rpunto1 : = -1182975.6203276
rduepunti0 : = -1.034281466808E+25
fil : = 488.46934731514
fipunto1 : = 5.8808648054219E+17
fi_gradi : = 27987.232022667
t1 : = 1.080956889448E-14
tpunto1 : = 1.0003720033858
tduepunti0 : = 3.1448567517515E+14
v=v_elettrone : = 2954919.9790628
x0= : -2.2273128500944E-13
y0= : -4.6002641657527E-12
```

```
*****
i=35181
k(35181)=0.99999219858413
kQ(35181)=0.99998439722912
r1= : 4.605375673495E-12
rpunto1 : = -1184188.6794801
rduepunti0 : = -1.0343389050562E+25
fil : = 488.46941628515
fipunto1 : = 5.8812191191329E+17
fi_gradi : = 27987.235974358
t1 : = 1.0809569011803E-14
tpunto1 : = 1.0003720403084
tduepunti0 : = 3.1482743721186E+14
v=v_elettrone : = 2955479.942948
x0= : -2.2240733029812E-13
y0= : -4.6001410817928E-12
*****
i=35182
k(35182)=0.99999218259176
kQ(35182)=0.99998436524463
r1= : 4.605236793394E-12
rpunto1 : = -1185401.8060701
rduepunti0 : = -1.0343964070208E+25
fil : = 488.46948525932
fipunto1 : = 5.881573828222E+17
fi_gradi : = 27987.239926287
t1 : = 1.0809569129125E-14
tpunto1 : = 1.000372077271
tduepunti0 : = 3.151692772764E+14
v=v_elettrone : = 2956040.4077413
x0= : -2.2208336767002E-13
y0= : -4.6000178338593E-12
*****
i=35183
k(35183)=0.99999216658213
kQ(35183)=0.99998433322562
r1= : 4.6050977710191E-12
rpunto1 : = -1186615.0001725
rduepunti0 : = -1.0344539727202E+25
fil : = 488.46955423765
fipunto1 : = 5.881928932812E+17
fi_gradi : = 27987.243878454
t1 : = 1.0809569246447E-14
tpunto1 : = 1.0003721142738
tduepunti0 : = 3.1551119546365E+14
v=v_elettrone : = 2956601.3773298
x0= : -2.2175939713609E-13
y0= : -4.5998944219419E-12
*****
i=35184
k(35184)=0.99999215055523
kQ(35184)=0.99998430117206
r1= : 4.6049586063624E-12
rpunto1 : = -1187828.2618619
rduepunti0 : = -1.0345116021729E+25
fil : = 488.46962322014
fipunto1 : = 5.8822844330257E+17
fi_gradi : = 27987.24783086
t1 : = 1.080956936377E-14
tpunto1 : = 1.0003721513166
tduepunti0 : = 3.1585319186854E+14
v=v_elettrone : = 2957162.8453773
x0= : -2.2143541870682E-13
y0= : -4.59977084603E-12
```



```
*****
i=35185
k(35185)=0.99999213451105
kQ(35185)=0.99998426908396
r1= : 4.604819299416E-12
rpunto1 : = -1189041.5912131
rduepunti0 : = -1.0345692953973E+25
fil : = 488.46969220681
fipunto1 : = 5.8826403289859E+17
fi_gradi : = 27987.251783504
t1 : = 1.0809569481092E-14
tpunto1 : = 1.0003721883996
tduepunti0 : = 3.1619526658608E+14
v=v_elettrone : = 2957724.817836
x0= : -2.2111143239346E-13
y0= : -4.5996471061133E-12
*****
i=35186
k(35186)=0.99999211844959
kQ(35186)=0.99998423696131
r1= : 4.6046798501718E-12
rpunto1 : = -1190254.988301
rduepunti0 : = -1.034627052412E+25
fil : = 488.46976119764
fipunto1 : = 5.8829966208159E+17
fi_gradi : = 27987.255736388
t1 : = 1.0809569598414E-14
tpunto1 : = 1.0003722255227
tduepunti0 : = 3.165374197113E+14
v=v_elettrone : = 2958287.2903992
x0= : -2.2078743820648E-13
y0= : -4.5995232021813E-12
*****
i=35187
k(35187)=0.99999210237086
kQ(35187)=0.99998420480409
r1= : 4.6045402586221E-12
rpunto1 : = -1191468.4532005
rduepunti0 : = -1.0346848732354E+25
fil : = 488.46983019266
fipunto1 : = 5.8833533086388E+17
fi_gradi : = 27987.259689511
t1 : = 1.0809569715737E-14
tpunto1 : = 1.0003722626859
tduepunti0 : = 3.1687965133931E+14
v=v_elettrone : = 2958850.2649194
x0= : -2.2046343615691E-13
y0= : -4.5993991342236E-12
*****
i=35188
k(35188)=0.99999208627484
kQ(35188)=0.9999841726123
r1= : 4.6044005247587E-12
rpunto1 : = -1192681.9859863
rduepunti0 : = -1.0347427578863E+25
fil : = 488.46989919186
fipunto1 : = 5.8837103925781E+17
fi_gradi : = 27987.263642874
t1 : = 1.0809569833059E-14
tpunto1 : = 1.0003722998893
tduepunti0 : = 3.1722196156526E+14
v=v_elettrone : = 2959413.7391597
x0= : -2.201394262555E-13
y0= : -4.5992749022296E-12
```

```
*****
i=35189
k(35189)=0.99999207016153
kQ(35189)=0.99998414038594
r1= : 4.6042606485739E-12
rpunto1 : = -1193895.5867333
rduepunti0 : = -1.0348007063831E+25
fil : = 488.46996819524
fipunto1 : = 5.8840678727574E+17
fi_gradi : = 27987.267596477
t1 : = 1.0809569950381E-14
tpunto1 : = 1.0003723371328
tduepunti0 : = 3.1756435048434E+14
v=v_elettrone : = 2959977.7149605
x0= : -2.1981540851327E-13
y0= : -4.599150506189E-12
*****
i=35190
k(35190)=0.99999205403092
kQ(35190)=0.99998410812499
r1= : 4.6041206300595E-12
rpunto1 : = -1195109.2555165
rduepunti0 : = -1.0348587187445E+25
fil : = 488.47003720282
fipunto1 : = 5.8844257493005E+17
fi_gradi : = 27987.27155032
t1 : = 1.0809570067704E-14
tpunto1 : = 1.0003723744165
tduepunti0 : = 3.1790681819182E+14
v=v_elettrone : = 2960542.1921168
x0= : -2.1949138294102E-13
y0= : -4.5990259460912E-12
*****
i=35191
k(35191)=0.99999203788303
kQ(35191)=0.99998407582945
r1= : 4.6039804692076E-12
rpunto1 : = -1196322.9924107
rduepunti0 : = -1.0349167949891E+25
fil : = 488.4701062146
fipunto1 : = 5.8847840223311E+17
fi_gradi : = 27987.275504404
t1 : = 1.0809570185026E-14
tpunto1 : = 1.0003724117404
tduepunti0 : = 3.1824936478302E+14
v=v_elettrone : = 2961107.1704398
x0= : -2.1916734954951E-13
y0= : -4.5989012219258E-12
*****
i=35192
k(35192)=0.99999202171783
kQ(35192)=0.99998404349931
r1= : 4.6038401660102E-12
rpunto1 : = -1197536.7974909
rduepunti0 : = -1.0349749351356E+25
fil : = 488.47017523058
fipunto1 : = 5.8851426919735E+17
fi_gradi : = 27987.279458728
t1 : = 1.0809570302349E-14
tpunto1 : = 1.0003724491044
tduepunti0 : = 3.1859199035329E+14
v=v_elettrone : = 2961672.6476898
x0= : -2.1884330834955E-13
y0= : -4.5987763336822E-12
```

```
*****
i=35193
k(35193)=0.99999200553532
kQ(35193)=0.99998401113456
r1= : 4.6036997204594E-12
rpunto1 : = -1198750.6708321
rduepunti0 : = -1.0350331392026E+25
fil : = 488.47024425076
fipunto1 : = 5.8855017583516E+17
fi_gradi : = 27987.283413293
t1 : = 1.0809570419671E-14
tpunto1 : = 1.0003724865087
tduepunti0 : = 3.1893469499806E+14
v=v_elettrone : = 2962238.6277368
x0= : -2.1851925935219E-13
y0= : -4.5986512813499E-12
*****
i=35194
k(35194)=0.99999198933551
kQ(35194)=0.9999839787352
r1= : 4.6035591325471E-12
rpunto1 : = -1199964.6125093
rduepunti0 : = -1.0350914072088E+25
fil : = 488.47031327516
fipunto1 : = 5.88586122215901E+17
fi_gradi : = 27987.2873681
t1 : = 1.0809570536993E-14
tpunto1 : = 1.0003725239531
tduepunti0 : = 3.192774788128E+14
v=v_elettrone : = 2962805.1063151
x0= : -2.1819520256799E-13
y0= : -4.5985260649185E-12
*****
i=35195
k(35195)=0.99999197311839
kQ(35195)=0.99998394630122
r1= : 4.6034184022653E-12
rpunto1 : = -1201178.6225974
rduepunti0 : = -1.035149739173E+25
fil : = 488.47038230377
fipunto1 : = 5.8862210818132E+17
fi_gradi : = 27987.291323148
t1 : = 1.0809570654316E-14
tpunto1 : = 1.0003725614378
tduepunti0 : = 3.1962034189304E+14
v=v_elettrone : = 2963372.0852542
x0= : -2.1787113800801E-13
y0= : -4.5984006843772E-12
*****
i=35196
k(35196)=0.99999195688396
kQ(35196)=0.9999839138326
r1= : 4.603277529606E-12
rpunto1 : = -1202392.7011716
rduepunti0 : = -1.0352081351139E+25
fil : = 488.4704513366
fipunto1 : = 5.8865813391457E+17
fi_gradi : = 27987.295278438
t1 : = 1.0809570771638E-14
tpunto1 : = 1.0003725989627
tduepunti0 : = 3.1996328433436E+14
v=v_elettrone : = 2963939.5643673
x0= : -2.175470656831E-13
y0= : -4.5982751397157E-12
```

```
*****
i=35197
k(35197)=0.9999919406322
kQ(35197)=0.99998388132936
r1= : 4.6031365145611E-12
rpunto1: = -1203606.8483067
rduepunti0 : = -1.0352665950502E+25
fil : = 488.47052037366
fipunto1 : = 5.8869419937125E+17
fi_gradi : = 27987.29923397
t1 : = 1.0809570888961E-14
tpunto1 : = 1.0003726365278
tduepunti0 : = 3.203063062324E+14
v=v_elettrone : = 2964507.5434475
x0= : -2.1722298560407E-13
y0= : -4.5981494309234E-12
*****
i=35198
k(35198)=0.99999192436312
kQ(35198)=0.99998384879146
r1= : 4.6029953571227E-12
rpunto1: = -1204821.064078
rduepunti0 : = -1.0353251190009E+25
fil : = 488.47058941494
fipunto1 : = 5.8873030456386E+17
fi_gradi : = 27987.303189744
t1 : = 1.0809571006283E-14
tpunto1 : = 1.0003726741331
tduepunti0 : = 3.2064940768284E+14
v=v_elettrone : = 2965076.0202584
x0= : -2.1689889778177E-13
y0= : -4.5980235579896E-12
*****
i=35199
k(35199)=0.99999190807672
kQ(35199)=0.99998381621891
r1= : 4.6028540572826E-12
rpunto1: = -1206035.3485606
rduepunti0 : = -1.0353837069846E+25
fil : = 488.47065846047
fipunto1 : = 5.887664495049E+17
fi_gradi : = 27987.307145761
t1 : = 1.0809571123605E-14
tpunto1 : = 1.0003727117787
tduepunti0 : = 3.2099258878143E+14
v=v_elettrone : = 2965644.998678
x0= : -2.1657480222732E-13
y0= : -4.5978975209038E-12
*****
i=35200
k(35200)=0.99999189177298
kQ(35200)=0.99998378361171
r1= : 4.6027126150328E-12
rpunto1: = -1207249.7018294
rduepunti0 : = -1.0354423590202E+25
fil : = 488.47072751023
fipunto1 : = 5.888026342069E+17
fi_gradi : = 27987.311102021
t1 : = 1.0809571240928E-14
tpunto1 : = 1.0003727494646
tduepunti0 : = 3.2133584962397E+14
v=v_elettrone : = 2966214.4764745
x0= : -2.1625069895132E-13
y0= : -4.5977713196554E-12
```

```
*****
i=35201
k(35201)=0.99999187545191
kQ(35201)=0.99998375096983
r1= : 4.6025710303652E-12
rpunto1: = -1208464.1239598
rduepunti0 : = -1.0355010751267E+25
fil : = 488.47079656423
fipunto1 : = 5.8883885868242E+17
fi_gradi : = 27987.315058524
t1 : = 1.080957135825E-14
tpunto1 : = 1.0003727871907
tduepunti0 : = 3.216791903063E+14
v=v_elettrone : = 2966784.4534383
x0= : -2.1592658796462E-13
y0= : -4.5976449542339E-12
*****
i=35202
k(35202)=0.99999185911351
kQ(35202)=0.99998371829329
r1= : 4.6024293032718E-12
rpunto1: = -1209678.6150267
rduepunti0 : = -1.0355598553228E+25
fil : = 488.47086562248
fipunto1 : = 5.8887512294401E+17
fi_gradi : = 27987.31901527
t1 : = 1.0809571475573E-14
tpunto1 : = 1.0003728249571
tduepunti0 : = 3.2202261092435E+14
v=v_elettrone : = 2967354.9293808
x0= : -2.156024692781E-13
y0= : -4.5975184246285E-12
*****
i=35203
k(35203)=0.99999184275776
kQ(35203)=0.99998368558205
r1= : 4.6022874337445E-12
rpunto1: = -1210893.1751056
rduepunti0 : = -1.0356186996275E+25
fil : = 488.47093468499
fipunto1 : = 5.8891142700425E+17
fi_gradi : = 27987.32297226
t1 : = 1.0809571592895E-14
tpunto1 : = 1.0003728627637
tduepunti0 : = 3.2236611157406E+14
v=v_elettrone : = 2967925.9040954
x0= : -2.1527834290265E-13
y0= : -4.5973917308287E-12
*****
i=35204
k(35204)=0.99999182638466
kQ(35204)=0.99998365283613
r1= : 4.6021454217752E-12
rpunto1: = -1212107.8042714
rduepunti0 : = -1.0356776080598E+25
fil : = 488.47100375175
fipunto1 : = 5.8894777087574E+17
fi_gradi : = 27987.326929494
t1 : = 1.0809571710217E-14
tpunto1 : = 1.0003729006107
tduepunti0 : = 3.2270969235146E+14
v=v_elettrone : = 2968497.3773914
x0= : -2.1495420884917E-13
y0= : -4.5972648728239E-12
```

```
*****
i=35205
k(35205)=0.99999180999422
kQ(35205)=0.99998362005551
r1= : 4.6020032673557E-12
rpunto1 : = -1213322.5025996
rduepunti0 : = -1.0357365806385E+25
fil : = 488.47107282277
fipunto1 : = 5.8898415457108E+17
fi_gradi : = 27987.330886972
t1 : = 1.080957182754E-14
tpunto1 : = 1.000372938498
tduepunti0 : = 3.2305335335261E+14
v=v_elettrone : = 2969069.3490595
x0= : -2.1463006712854E-13
y0= : -4.5971378506034E-12
*****
i=35206
k(35206)=0.99999179358642
kQ(35206)=0.99998358724019
r1= : 4.601860970478E-12
rpunto1 : = -1214537.2701652
rduepunti0 : = -1.0357956173826E+25
fil : = 488.47114189807
fipunto1 : = 5.8902057810289E+17
fi_gradi : = 27987.334844695
t1 : = 1.0809571944862E-14
tpunto1 : = 1.0003729764256
tduepunti0 : = 3.2339709467365E+14
v=v_elettrone : = 2969641.8209386
x0= : -2.1430591775168E-13
y0= : -4.5970106641566E-12
*****
i=35207
k(35207)=0.99999177716127
kQ(35207)=0.99998355439015
r1= : 4.601718531134E-12
rpunto1 : = -1215752.1070437
rduepunti0 : = -1.0358547183113E+25
fil : = 488.47121097763
fipunto1 : = 5.8905704148382E+17
fi_gradi : = 27987.338802663
t1 : = 1.0809572062185E-14
tpunto1 : = 1.0003730143935
tduepunti0 : = 3.2374091641075E+14
v=v_elettrone : = 2970214.7887665
x0= : -2.1398176072925E-13
y0= : -4.5968833134727E-12
*****
i=35208
k(35208)=0.99999176071875
kQ(35208)=0.99998352150539
r1= : 4.6015759493154E-12
rpunto1 : = -1216967.0133102
rduepunti0 : = -1.0359138834434E+25
fil : = 488.47128006147
fipunto1 : = 5.8909354472652E+17
fi_gradi : = 27987.342760875
t1 : = 1.0809572179507E-14
tpunto1 : = 1.0003730524017
tduepunti0 : = 3.2408481866015E+14
v=v_elettrone : = 2970788.2564083
x0= : -2.1365759607244E-13
y0= : -4.5967557985412E-12
```

```
*****
i=35209
k(35209)=0.99999174425887
kQ(35209)=0.99998348858591
r1= : 4.6014332250143E-12
rpunto1 : = -1218181.9890402
rduepunti0 : = -1.0359731127981E+25
fil : = 488.47134914959
fipunto1 : = 5.8913008784367E+17
fi_gradi : = 27987.346719333
t1 : = 1.080957229683E-14
tpunto1 : = 1.0003730904503
tduepunti0 : = 3.2442880151813E+14
v=v_elettrone : = 2971362.2216269
x0= : -2.1333342379191E-13
y0= : -4.5966281193514E-12
*****
i=35210
k(35210)=0.99999172778163
kQ(35210)=0.99998345563168
r1= : 4.6012903582224E-12
rpunto1 : = -1219397.0343089
rduepunti0 : = -1.0360324063944E+25
fil : = 488.471418242
fipunto1 : = 5.8916667084794E+17
fi_gradi : = 27987.350678036
t1 : = 1.0809572414152E-14
tpunto1 : = 1.0003731285393
tduepunti0 : = 3.2477286508105E+14
v=v_elettrone : = 2971936.6862683
x0= : -2.1300924389861E-13
y0= : -4.5965002758924E-12
*****
i=35211
k(35211)=0.99999171128701
kQ(35211)=0.99998342264271
r1= : 4.6011473489315E-12
rpunto1 : = -1220612.1491917
rduepunti0 : = -1.0360917642514E+25
fil : = 488.47148733869
fipunto1 : = 5.8920329375205E+17
fi_gradi : = 27987.354636985
t1 : = 1.0809572531474E-14
tpunto1 : = 1.0003731666686
tduepunti0 : = 3.251170094453E+14
v=v_elettrone : = 2972511.646053
x0= : -2.1268505640323E-13
y0= : -4.5963722681538E-12
*****
i=35212
k(35212)=0.99999169477501
kQ(35212)=0.999983389619
r1= : 4.6010041971336E-12
rpunto1 : = -1221827.333764
rduepunti0 : = -1.0361511863883E+25
fil : = 488.47155643969
fipunto1 : = 5.8923995656871E+17
fi_gradi : = 27987.35859618
t1 : = 1.0809572648797E-14
tpunto1 : = 1.0003732048382
tduepunti0 : = 3.2546123470734E+14
v=v_elettrone : = 2973087.1048549
x0= : -2.1236086131699E-13
y0= : -4.5962440961246E-12
```

```
*****
i=35213
k(35213)=0.99999167824563
kQ(35213)=0.99998335656052
r1= : 4.6008609028204E-12
rpunto1 : = -1223042.5881013
rduepunti0 : = -1.0362106728241E+25
fil : = 488.47162554498
fipunto1 : = 5.8927665931066E+17
fi_gradi : = 27987.362555622
t1 : = 1.0809572766119E-14
tpunto1 : = 1.0003732430483
tduepunti0 : = 3.2580554096369E+14
v=v_elettrone : = 2973663.06044
x0= : -2.120366586506E-13
y0= : -4.5961157597943E-12
*****
i=35214
k(35214)=0.99999166169887
kQ(35214)=0.99998332346727
r1= : 4.6007174659838E-12
rpunto1 : = -1224257.9122789
rduepunti0 : = -1.0362702235781E+25
fil : = 488.47169465458
fipunto1 : = 5.8931340199064E+17
fi_gradi : = 27987.36651531
t1 : = 1.0809572883442E-14
tpunto1 : = 1.0003732812987
tduepunti0 : = 3.261499283109E+14
v=v_elettrone : = 2974239.5146462
x0= : -2.1171244841503E-13
y0= : -4.595987259152E-12
*****
i=35215
k(35215)=0.99999164513472
kQ(35215)=0.99998329033925
r1= : 4.6005738866156E-12
rpunto1 : = -1225473.3063723
rduepunti0 : = -1.0363298386694E+25
fil : = 488.47176376848
fipunto1 : = 5.8935018462143E+17
fi_gradi : = 27987.370475245
t1 : = 1.0809573000764E-14
tpunto1 : = 1.0003733195895
tduepunti0 : = 3.264943968456E+14
v=v_elettrone : = 2974816.46524
x0= : -2.1138823062101E-13
y0= : -4.5958585941871E-12
*****
i=35216
k(35216)=0.99999162855318
kQ(35216)=0.99998325717645
r1= : 4.6004301647075E-12
rpunto1 : = -1226688.770457
rduepunti0 : = -1.0363895181172E+25
fil : = 488.4718328867
fipunto1 : = 5.8938700721581E+17
fi_gradi : = 27987.374435428
t1 : = 1.0809573118087E-14
tpunto1 : = 1.0003733579208
tduepunti0 : = 3.2683894666447E+14
v=v_elettrone : = 2975393.9140441
x0= : -2.1106400527954E-13
y0= : -4.5957297648888E-12
```



```
*****
i=35217
k(35217)=0.99999161195425
kQ(35217)=0.99998322397886
r1= : 4.6002863002514E-12
rpunto1 : = -1227904.3046084
rduepunti0 : = -1.0364492619409E+25
fil : = 488.47190200924
fipunto1 : = 5.8942386978657E+17
fi_gradi : = 27987.378395857
t1 : = 1.0809573235409E-14
tpunto1 : = 1.0003733962925
tduepunti0 : = 3.2718357786424E+14
v=v_elettrone : = 2975971.8588431
x0= : -2.1073977240134E-13
y0= : -4.5956007712462E-12
*****
i=35218
k(35218)=0.99999159533791
kQ(35218)=0.99998319074647
r1= : 4.600142293239E-12
rpunto1 : = -1229119.9089022
rduepunti0 : = -1.0365090701596E+25
fil : = 488.4719711361
fipunto1 : = 5.8946077234653E+17
fi_gradi : = 27987.382356535
t1 : = 1.0809573352732E-14
tpunto1 : = 1.0003734347045
tduepunti0 : = 3.275282905417E+14
v=v_elettrone : = 2976550.299423
x0= : -2.1041553199744E-13
y0= : -4.5954716132487E-12
*****
i=35219
k(35219)=0.99999157870418
kQ(35219)=0.99998315747927
r1= : 4.5999981436621E-12
rpunto1 : = -1230335.5834138
rduepunti0 : = -1.0365689427926E+25
fil : = 488.47204026729
fipunto1 : = 5.8949771490852E+17
fi_gradi : = 27987.38631746
t1 : = 1.0809573470054E-14
tpunto1 : = 1.0003734731571
tduepunti0 : = 3.2787308479369E+14
v=v_elettrone : = 2977129.2376291
x0= : -2.1009128407885E-13
y0= : -4.5953422908854E-12
*****
i=35220
k(35220)=0.99999156205303
kQ(35220)=0.99998312417726
r1= : 4.5998538515125E-12
rpunto1 : = -1231551.3282188
rduepunti0 : = -1.0366288798593E+25
fil : = 488.47210940281
fipunto1 : = 5.8953469748538E+17
fi_gradi : = 27987.390278634
t1 : = 1.0809573587377E-14
tpunto1 : = 1.00037351165
tduepunti0 : = 3.2821796071712E+14
v=v_elettrone : = 2977708.6712182
x0= : -2.0976702865635E-13
y0= : -4.5952128041456E-12
```

```
*****
i=35221
k(35221)=0.99999154538447
kQ(35221)=0.99998309084043
r1= : 4.599709416782E-12
rpunto1 : = -1232767.1433928
rduepunti0 : = -1.036688881379E+25
fil : = 488.47217854267
fipunto1 : = 5.8957172008998E+17
fi_gradi : = 27987.394240056
t1 : = 1.0809573704699E-14
tpunto1 : = 1.0003735501835
tduepunti0 : = 3.2856291840893E+14
v=v_elettrone : = 2978288.6040644
x0= : -2.0944276574096E-13
y0= : -4.5950831530184E-12
*****
i=35222
k(35222)=0.9999915286985
kQ(35222)=0.99998305746877
r1= : 4.5995648394622E-12
rpunto1 : = -1233983.0290114
rduepunti0 : = -1.036748947371E+25
fil : = 488.47224768687
fipunto1 : = 5.8960878273519E+17
fi_gradi : = 27987.398201727
t1 : = 1.0809573822022E-14
tpunto1 : = 1.0003735887574
tduepunti0 : = 3.2890795796615E+14
v=v_elettrone : = 2978869.0298691
x0= : -2.0911849534321E-13
y0= : -4.594953337493E-12
*****
i=35223
k(35223)=0.99999151199511
kQ(35223)=0.99998302406227
r1= : 4.599420119545E-12
rpunto1 : = -1235198.9851502
rduepunti0 : = -1.0368090778547E+25
fil : = 488.47231683542
fipunto1 : = 5.8964588543391E+17
fi_gradi : = 27987.402163647
t1 : = 1.0809573939344E-14
tpunto1 : = 1.0003736273717
tduepunti0 : = 3.2925307948584E+14
v=v_elettrone : = 2979449.9524925
x0= : -2.0879421747441E-13
y0= : -4.5948233575586E-12
*****
i=35224
k(35224)=0.9999914952743
kQ(35224)=0.99998299062093
r1= : 4.599275257022E-12
rpunto1 : = -1236415.011885
rduepunti0 : = -1.0368692728496E+25
fil : = 488.47238598832
fipunto1 : = 5.8968302819905E+17
fi_gradi : = 27987.406125816
t1 : = 1.0809574056667E-14
tpunto1 : = 1.0003736660266
tduepunti0 : = 3.2959828306513E+14
v=v_elettrone : = 2980031.3717447
x0= : -2.0846993214537E-13
y0= : -4.5946932132044E-12
```

```
*****
i=35225
k(35225)=0.99999147853606
kQ(35225)=0.99998295714474
r1= : 4.599130251885E-12
rpunto1 : = -1237631.1092913
rduepunti0 : = -1.036929532375E+25
fil : = 488.47245514557
fipunto1 : = 5.8972021104353E+17
fi_gradi : = 27987.410088235
t1 : = 1.0809574173989E-14
tpunto1 : = 1.0003737047219
tduepunti0 : = 3.2994356880119E+14
v=v_elettrone : = 2980613.2874084
x0= : -2.0814563936689E-13
y0= : -4.5945629044195E-12
*****
i=35226
k(35226)=0.99999146178039
kQ(35226)=0.99998292363368
r1= : 4.5989851041257E-12
rpunto1 : = -1238847.2774449
rduepunti0 : = -1.0369898564504E+25
fil : = 488.47252430719
fipunto1 : = 5.8975743398029E+17
fi_gradi : = 27987.414050903
t1 : = 1.0809574291312E-14
tpunto1 : = 1.0003737434578
tduepunti0 : = 3.3028893679126E+14
v=v_elettrone : = 2981195.6972726
x0= : -2.0782133914979E-13
y0= : -4.594432431193E-12
*****
i=35227
k(35227)=0.99999144500729
kQ(35227)=0.99998289008776
r1= : 4.5988398137357E-12
rpunto1 : = -1240063.5164216
rduepunti0 : = -1.0370502450952E+25
fil : = 488.47259347317
fipunto1 : = 5.8979469702229E+17
fi_gradi : = 27987.418013822
t1 : = 1.0809574408634E-14
tpunto1 : = 1.0003737822342
tduepunti0 : = 3.3063438713264E+14
v=v_elettrone : = 2981778.6031574
x0= : -2.0749703150517E-13
y0= : -4.594301793514E-12
*****
i=35228
k(35228)=0.99999142821674
kQ(35228)=0.99998285650696
r1= : 4.5986943807069E-12
rpunto1 : = -1241279.826297
rduepunti0 : = -1.037110698329E+25
fil : = 488.47266264352
fipunto1 : = 5.8983200018251E+17
fi_gradi : = 27987.421976991
t1 : = 1.0809574525957E-14
tpunto1 : = 1.0003738210511
tduepunti0 : = 3.3097991992267E+14
v=v_elettrone : = 2982362.0048602
x0= : -2.0717271644386E-13
y0= : -4.5941709913718E-12
```

```
*****
i=35229
k(35229)=0.99999141140876
kQ(35229)=0.99998282289128
r1= : 4.5985488050308E-12
rpunto1 : = -1242496.2071469
rduepunti0 : = -1.0371712161714E+25
fil : = 488.47273181825
fipunto1 : = 5.8986934347393E+17
fi_gradi : = 27987.425940411
t1 : = 1.0809574643279E-14
tpunto1 : = 1.0003738599085
tduepunti0 : = 3.3132553525877E+14
v=v_elettrone : = 2982945.9001674
x0= : -2.0684839397669E-13
y0= : -4.5940400247554E-12
*****
i=35230
k(35230)=0.99999139458333
kQ(35230)=0.99998278924071
r1= : 4.5984030866992E-12
rpunto1 : = -1243712.6590472
rduepunti0 : = -1.0372317986417E+25
fil : = 488.47280099735
fipunto1 : = 5.8990672690955E+17
fi_gradi : = 27987.429904082
t1 : = 1.0809574760602E-14
tpunto1 : = 1.0003738988065
tduepunti0 : = 3.3167123323839E+14
v=v_elettrone : = 2983530.2908914
x0= : -2.065240641148E-13
y0= : -4.5939088936538E-12
*****
i=35231
k(35231)=0.99999137774044
kQ(35231)=0.99998275555523
r1= : 4.5982572257036E-12
rpunto1 : = -1244929.1820736
rduepunti0 : = -1.0372924457597E+25
fil : = 488.47287018084
fipunto1 : = 5.8994415050241E+17
fi_gradi : = 27987.433868004
t1 : = 1.0809574877924E-14
tpunto1 : = 1.000373937745
tduepunti0 : = 3.3201701395906E+14
v=v_elettrone : = 2984115.1768446
x0= : -2.0619972686903E-13
y0= : -4.5937775980563E-12
*****
i=35232
k(35232)=0.99999136088011
kQ(35232)=0.99998272183485
r1= : 4.5981112220359E-12
rpunto1 : = -1246145.776302
rduepunti0 : = -1.0373531575448E+25
fil : = 488.47293936872
fipunto1 : = 5.8998161426554E+17
fi_gradi : = 27987.437832178
t1 : = 1.0809574995247E-14
tpunto1 : = 1.0003739767241
tduepunti0 : = 3.3236287751834E+14
v=v_elettrone : = 2984700.5578148
x0= : -2.0587538225025E-13
y0= : -4.5936461379517E-12
```

```
*****
i=35233
k(35233)=0.99999134400232
kQ(35233)=0.99998268807956
r1= : 4.5979650756875E-12
rpunto1 : = -1247362.4418083
rduepunti0 : = -1.0374139340168E+25
fil : = 488.473008561
fipunto1 : = 5.9001911821199E+17
fi_gradi : = 27987.441796603
t1 : = 1.080957511257E-14
tpunto1 : = 1.0003740157437
tduepunti0 : = 3.3270882401388E+14
v=v_elettrone : = 2985286.4336093
x0= : -2.0555103026936E-13
y0= : -4.5935145133293E-12
*****
i=35234
k(35234)=0.99999132710706
kQ(35234)=0.99998265428934
r1= : 4.5978187866502E-12
rpunto1 : = -1248579.1786683
rduepunti0 : = -1.0374747751953E+25
fil : = 488.47307775767
fipunto1 : = 5.9005666235483E+17
fi_gradi : = 27987.44576128
t1 : = 1.0809575229892E-14
tpunto1 : = 1.000374054804
tduepunti0 : = 3.3305485354337E+14
v=v_elettrone : = 2985872.8040304
x0= : -2.0522667093723E-13
y0= : -4.5933827241781E-12
*****
i=35235
k(35235)=0.99999131019434
kQ(35235)=0.99998262046419
r1= : 4.5976723549156E-12
rpunto1 : = -1249795.9869579
rduepunti0 : = -1.0375356810998E+25
fil : = 488.47314695874
fipunto1 : = 5.9009424670714E+17
fi_gradi : = 27987.44972621
t1 : = 1.0809575347215E-14
tpunto1 : = 1.0003740939048
tduepunti0 : = 3.3340096620454E+14
v=v_elettrone : = 2986459.6668541
x0= : -2.0490230426476E-13
y0= : -4.5932507704871E-12
*****
i=35236
k(35236)=0.99999129326415
kQ(35236)=0.9999825866041
r1= : 4.5975257804753E-12
rpunto1 : = -1251012.8667531
rduepunti0 : = -1.0375966517502E+25
fil : = 488.47321616422
fipunto1 : = 5.9013187128203E+17
fi_gradi : = 27987.453691392
t1 : = 1.0809575464537E-14
tpunto1 : = 1.0003741330462
tduepunti0 : = 3.3374716209521E+14
v=v_elettrone : = 2987047.0259195
x0= : -2.0457793026312E-13
y0= : -4.5931186522454E-12
```

```
*****
i=35237
k(35237)=0.99999127631648
kQ(35237)=0.99998255270906
r1= : 4.597379063321E-12
rpunto1: = -1252229.8181299
rduepunti0 : = -1.037657687166E+25
fil : = 488.47328537412
fipunto1 : = 5.9016953609262E+17
fi_gradi : = 27987.457656826
t1 : = 1.080957558186E-14
tpunto1 : = 1.0003741722283
tduepunti0 : = 3.3409344131324E+14
v=v_elettrone : = 2987634.879017
x0= : -2.0425354894296E-13
y0= : -4.592986369442E-12
*****
i=35238
k(35238)=0.99999125935134
kQ(35238)=0.99998251877907
r1= : 4.5972322034442E-12
rpunto1: = -1253446.8411642
rduepunti0 : = -1.0377187873672E+25
fil : = 488.47335458843
fipunto1 : = 5.9020724115204E+17
fi_gradi : = 27987.461622514
t1 : = 1.0809575699182E-14
tpunto1 : = 1.0003742114509
tduepunti0 : = 3.3443980395654E+14
v=v_elettrone : = 2988223.2239128
x0= : -2.0392916031521E-13
y0= : -4.5928539220658E-12
*****
i=35239
k(35239)=0.99999124236871
kQ(35239)=0.99998248481412
r1= : 4.5970852008365E-12
rpunto1: = -1254663.935932
rduepunti0 : = -1.0377799523733E+25
fil : = 488.47342380716
fipunto1 : = 5.9024498647344E+17
fi_gradi : = 27987.465588456
t1 : = 1.0809575816505E-14
tpunto1 : = 1.0003742507142
tduepunti0 : = 3.3478625012309E+14
v=v_elettrone : = 2988812.0644547
x0= : -2.0360476439105E-13
y0= : -4.592721310106E-12
*****
i=35240
k(35240)=0.9999912253686
kQ(35240)=0.99998245081419
r1= : 4.5969380554895E-12
rpunto1: = -1255881.1025093
rduepunti0 : = -1.0378411822043E+25
fil : = 488.47349303032
fipunto1 : = 5.9028277206998E+17
fi_gradi : = 27987.469554651
t1 : = 1.0809575933828E-14
tpunto1 : = 1.0003742900182
tduepunti0 : = 3.3513277991093E+14
v=v_elettrone : = 2989401.3984259
x0= : -2.0328036118117E-13
y0= : -4.5925885335514E-12
```

```
*****
i=35241
k(35241)=0.999991208351
kQ(35241)=0.99998241677929
r1= : 4.5967907673948E-12
rpunto1 : = -1257098.3409723
rduepunti0 : = -1.0379024768798E+25
fil : = 488.47356225792
fipunto1 : = 5.9032059795485E+17
fi_gradi : = 27987.4735211
t1 : = 1.080957605115E-14
tpunto1 : = 1.0003743293627
tduepunti0 : = 3.3547939341814E+14
v=v_elettrone : = 2989991.2235989
x0= : -2.0295595069651E-13
y0= : -4.5924555923911E-12
*****
i=35242
k(35242)=0.9999911913159
kQ(35242)=0.9999823827094
r1= : 4.596643336544E-12
rpunto1 : = -1258315.6513969
rduepunti0 : = -1.0379638364198E+25
fil : = 488.47363148995
fipunto1 : = 5.9035846414125E+17
fi_gradi : = 27987.477487803
t1 : = 1.0809576168473E-14
tpunto1 : = 1.000374368748
tduepunti0 : = 3.3582609074287E+14
v=v_elettrone : = 2990581.5438177
x0= : -2.026315329483E-13
y0= : -4.5923224866141E-12
*****
i=35243
k(35243)=0.99999117426331
kQ(35243)=0.99998234860451
r1= : 4.5964957629286E-12
rpunto1 : = -1259533.0338592
rduepunti0 : = -1.0380252608441E+25
fil : = 488.47370072641
fipunto1 : = 5.9039637064238E+17
fi_gradi : = 27987.48145476
t1 : = 1.0809576285795E-14
tpunto1 : = 1.0003744081739
tduepunti0 : = 3.3617287198333E+14
v=v_elettrone : = 2991172.356865
x0= : -2.0230710794724E-13
y0= : -4.5921892162092E-12
*****
i=35244
k(35244)=0.99999115719321
kQ(35244)=0.99998231446462
r1= : 4.5963480465402E-12
rpunto1 : = -1260750.4884355
rduepunti0 : = -1.0380867501726E+25
fil : = 488.47376996733
fipunto1 : = 5.9043431747149E+17
fi_gradi : = 27987.485421972
t1 : = 1.0809576403118E-14
tpunto1 : = 1.0003744476405
tduepunti0 : = 3.3651973723778E+14
v=v_elettrone : = 2991763.6645621
x0= : -2.0198267570431E-13
y0= : -4.5920557811656E-12
```

```
*****
i=35245
k(35245)=0.99999114010561
kQ(35245)=0.99998228028973
r1= : 4.5962001873703E-12
rpunto1 : = -1261968.0152018
rduepunti0 : = -1.0381483044251E+25
fil : = 488.47383921269
fipunto1 : = 5.9047230464182E+17
fi_gradi : = 27987.489389439
t1 : = 1.0809576520441E-14
tpunto1 : = 1.0003744871478
tduepunti0 : = 3.3686668660455E+14
v=v_elettrone : = 2992355.4626589
x0= : -2.0165823623023E-13
y0= : -4.591922181472E-12
*****
i=35246
k(35246)=0.9999911230005
kQ(35246)=0.99998224607981
r1= : 4.5960521854104E-12
rpunto1 : = -1263185.6142342
rduepunti0 : = -1.0382099236216E+25
fil : = 488.47390846252
fipunto1 : = 5.9051033216663E+17
fi_gradi : = 27987.493357162
t1 : = 1.0809576637763E-14
tpunto1 : = 1.0003745266958
tduepunti0 : = 3.3721372018201E+14
v=v_elettrone : = 2992947.7550061
x0= : -2.0133378953625E-13
y0= : -4.5917884171174E-12
*****
i=35247
k(35247)=0.99999110587788
kQ(35247)=0.99998221183487
r1= : 4.5959040406522E-12
rpunto1 : = -1264403.2856091
rduepunti0 : = -1.0382716077821E+25
fil : = 488.4739777168
fipunto1 : = 5.905484000592E+17
fi_gradi : = 27987.49732514
t1 : = 1.0809576755086E-14
tpunto1 : = 1.0003745662845
tduepunti0 : = 3.375608380686E+14
v=v_elettrone : = 2993540.5393805
x0= : -2.0100933563312E-13
y0= : -4.5916544880908E-12
*****
i=35248
k(35248)=0.99999108873774
kQ(35248)=0.99998217755489
r1= : 4.595755753087E-12
rpunto1 : = -1265621.0294025
rduepunti0 : = -1.0383333569266E+25
fil : = 488.47404697554
fipunto1 : = 5.9058650833282E+17
fi_gradi : = 27987.501293374
t1 : = 1.0809576872408E-14
tpunto1 : = 1.0003746059139
tduepunti0 : = 3.3790804036281E+14
v=v_elettrone : = 2994133.8155843
x0= : -2.0068487453184E-13
y0= : -4.591520394381E-12
```



```
*****
i=35249
k(35249)=0.99999107158007
kQ(35249)=0.99998214323987
r1= : 4.5956073227064E-12
rpunto1 : = -1266838.8456908
rduepunti0 : = -1.0383951710749E+25
fil : = 488.47411623875
fipunto1 : = 5.9062465700081E+17
fi_gradi : = 27987.505261863
t1 : = 1.0809576989731E-14
tpunto1 : = 1.000374645584
tduepunti0 : = 3.382553271632E+14
v=v_elettrone : = 2994727.5854277
x0= : -2.0036040624344E-13
y0= : -4.591386135977E-12
*****
i=35250
k(35250)=0.99999105440489
kQ(35250)=0.99998210888979
r1= : 4.5954587495019E-12
rpunto1 : = -1268056.7345501
rduepunti0 : = -1.0384570502472E+25
fil : = 488.47418550644
fipunto1 : = 5.906628460765E+17
fi_gradi : = 27987.50923061
t1 : = 1.0809577107054E-14
tpunto1 : = 1.0003746852949
tduepunti0 : = 3.3860269856838E+14
v=v_elettrone : = 2995321.8467035
x0= : -2.0003593077869E-13
y0= : -4.5912517128677E-12
*****
i=35251
k(35251)=0.99999103721217
kQ(35251)=0.99998207450466
r1= : 4.595310033465E-12
rpunto1 : = -1269274.6960568
rduepunti0 : = -1.0385189944635E+25
fil : = 488.47425477861
fipunto1 : = 5.9070107557323E+17
fi_gradi : = 27987.513199612
t1 : = 1.0809577224376E-14
tpunto1 : = 1.0003747250465
tduepunti0 : = 3.3895015467702E+14
v=v_elettrone : = 2995916.599203
x0= : -1.9971144814862E-13
y0= : -4.5911171250418E-12
*****
i=35252
k(35252)=0.99999102000191
kQ(35252)=0.99998204008447
r1= : 4.5951611745872E-12
rpunto1 : = -1270492.7302872
rduepunti0 : = -1.0385810037439E+25
fil : = 488.47432405526
fipunto1 : = 5.9073934550435E+17
fi_gradi : = 27987.517168872
t1 : = 1.0809577341699E-14
tpunto1 : = 1.0003747648389
tduepunti0 : = 3.3929769558785E+14
v=v_elettrone : = 2996511.8427392
x0= : -1.9938695836429E-13
y0= : -4.5909823724883E-12
```

```
*****
i=35253
k(35253)=0.99999100277412
kQ(35253)=0.99998200562919
r1= : 4.5950121728599E-12
rpunto1 : = -1271710.8373176
rduepunti0 : = -1.0386430781084E+25
fil : = 488.4743933364
fipunto1 : = 5.9077765588326E+17
fi_gradi : = 27987.521138389
t1 : = 1.0809577459022E-14
tpunto1 : = 1.0003748046721
tduepunti0 : = 3.3964532139964E+14
v=v_elettrone : = 2997107.5811293
x0= : -1.9906246143674E-13
y0= : -4.5908474551961E-12
*****
i=35254
k(35254)=0.99999098552879
kQ(35254)=0.99998197113884
r1= : 4.5948630282746E-12
rpunto1 : = -1272929.0172243
rduepunti0 : = -1.0387052175772E+25
fil : = 488.47446262203
fipunto1 : = 5.9081600672333E+17
fi_gradi : = 27987.525108163
t1 : = 1.0809577576344E-14
tpunto1 : = 1.000374844546
tduepunti0 : = 3.3999303221126E+14
v=v_elettrone : = 2997703.8081352
x0= : -1.9873795737651E-13
y0= : -4.5907123731539E-12
*****
i=35255
k(35255)=0.99999096826591
kQ(35255)=0.99998193661339
r1= : 4.5947137408228E-12
rpunto1 : = -1274147.2700838
rduepunti0 : = -1.0387674221705E+25
fil : = 488.47453191216
fipunto1 : = 5.9085439803798E+17
fi_gradi : = 27987.529078195
t1 : = 1.0809577693667E-14
tpunto1 : = 1.0003748844607
tduepunti0 : = 3.403408281216E+14
v=v_elettrone : = 2998300.5275859
x0= : -1.9841344619496E-13
y0= : -4.5905771263507E-12
*****
i=35256
k(35256)=0.99999095098548
kQ(35256)=0.99998190205284
r1= : 4.5945643104958E-12
rpunto1 : = -1275365.5959724
rduepunti0 : = -1.0388296919083E+25
fil : = 488.47460120679
fipunto1 : = 5.9089282984064E+17
fi_gradi : = 27987.533048485
t1 : = 1.080957781099E-14
tpunto1 : = 1.0003749244163
tduepunti0 : = 3.4068870922962E+14
v=v_elettrone : = 2998897.7392813
x0= : -1.9808892790288E-13
y0= : -4.5904417147751E-12
```

```
*****
i=35257
k(35257)=0.9999909336875
kQ(35257)=0.99998186745719
r1= : 4.5944147372852E-12
rpunto1 : = -1276583.9949666
rduepunti0 : = -1.0388920268109E+25
fil : = 488.47467050593
fipunto1 : = 5.9093130214475E+17
fi_gradi : = 27987.537019033
t1 : = 1.0809577928312E-14
tpunto1 : = 1.0003749644126
tduepunti0 : = 3.4103667563434E+14
v=v_elettrone : = 2999495.4410045
x0= : -1.9776440251113E-13
y0= : -4.5903061384162E-12
*****
i=35258
k(35258)=0.99999091637195
kQ(35258)=0.99998183282642
r1= : 4.5942650211823E-12
rpunto1 : = -1277802.4671428
rduepunti0 : = -1.0389544268986E+25
fil : = 488.47473980958
fipunto1 : = 5.9096981496375E+17
fi_gradi : = 27987.54098984
t1 : = 1.0809578045635E-14
tpunto1 : = 1.0003750044498
tduepunti0 : = 3.4138472743485E+14
v=v_elettrone : = 3000093.6325542
x0= : -1.9743987003079E-13
y0= : -4.5901703972626E-12
*****
i=35259
k(35259)=0.99999089903885
kQ(35259)=0.99998179816053
r1= : 4.5941151621786E-12
rpunto1 : = -1279021.0125774
rduepunti0 : = -1.0390168921914E+25
fil : = 488.47480911775
fipunto1 : = 5.9100836831114E+17
fi_gradi : = 27987.544960905
t1 : = 1.0809578162958E-14
tpunto1 : = 1.0003750445277
tduepunti0 : = 3.4173286473028E+14
v=v_elettrone : = 3000692.3177677
x0= : -1.9711533047298E-13
y0= : -4.5900344913031E-12
*****
i=35260
k(35260)=0.99999088168818
kQ(35260)=0.9999817634595
r1= : 4.5939651602656E-12
rpunto1 : = -1280239.631347
rduepunti0 : = -1.0390794227098E+25
fil : = 488.47487843044
fipunto1 : = 5.910469622004E+17
fi_gradi : = 27987.54893223
t1 : = 1.080957828028E-14
tpunto1 : = 1.0003750846466
tduepunti0 : = 3.4208108761983E+14
v=v_elettrone : = 3001291.4903964
x0= : -1.967907838483E-13
y0= : -4.5898984205266E-12
```

```
*****
i=35261
k(35261)=0.99999086431994
kQ(35261)=0.99998172872334
r1= : 4.5938150154344E-12
rpunto1 : = -1281458.3235282
rduepunti0 : = -1.039142018474E+25
fil : = 488.47494774765
fipunto1 : = 5.9108559664504E+17
fi_gradi : = 27987.552903814
t1 : = 1.0809578397603E-14
tpunto1 : = 1.0003751248062
tduepunti0 : = 3.4242939620275E+14
v=v_elettrone : = 3001891.1562793
x0= : -1.9646623016812E-13
y0= : -4.5897621849217E-12
*****
i=35262
k(35262)=0.99999084693412
kQ(35262)=0.99998169395202
r1= : 4.5936647276767E-12
rpunto1 : = -1282677.0891973
rduepunti0 : = -1.0392046795043E+25
fil : = 488.4750170694
fipunto1 : = 5.9112427165857E+17
fi_gradi : = 27987.556875657
t1 : = 1.0809578514926E-14
tpunto1 : = 1.0003751650068
tduepunti0 : = 3.4277779057837E+14
v=v_elettrone : = 3002491.3111974
x0= : -1.9614166944308E-13
y0= : -4.5896257844773E-12
*****
i=35263
k(35263)=0.99999082953073
kQ(35263)=0.99998165914555
r1= : 4.5935142969837E-12
rpunto1 : = -1283895.9284311
rduepunti0 : = -1.039267405821E+25
fil : = 488.47508639568
fipunto1 : = 5.9116298725455E+17
fi_gradi : = 27987.560847761
t1 : = 1.0809578632248E-14
tpunto1 : = 1.0003752052482
tduepunti0 : = 3.4312627084605E+14
v=v_elettrone : = 3003091.9569545
x0= : -1.9581710168431E-13
y0= : -4.5894892191821E-12
*****
i=35264
k(35264)=0.99999081210975
kQ(35264)=0.99998162430392
r1= : 4.5933637233468E-12
rpunto1 : = -1285114.8413061
rduepunti0 : = -1.0393301974446E+25
fil : = 488.4751557265
fipunto1 : = 5.9120174344653E+17
fi_gradi : = 27987.564820124
t1 : = 1.0809578749571E-14
tpunto1 : = 1.0003752455304
tduepunti0 : = 3.4347483710524E+14
v=v_elettrone : = 3003693.0913428
x0= : -1.9549252690271E-13
y0= : -4.5893524890249E-12
```

```
*****
i=35265
k(35265)=0.99999079467119
kQ(35265)=0.99998158942711
r1= : 4.5932130067575E-12
rpunto1:= -1286333.8278988
rduepunti0 : = -1.0393930543953E+25
fil : = 488.47522506187
fipunto1 : = 5.9124054024807E+17
fi_gradi : = 27987.568792748
t1 : = 1.0809578866894E-14
tpunto1 : = 1.0003752858536
tduepunti0 : = 3.4382348945542E+14
v=v_elettrone : = 3004294.7181898
x0= : -1.9516794510944E-13
y0= : -4.5892155939943E-12
*****
i=35266
k(35266)=0.99999077721503
kQ(35266)=0.99998155451513
r1= : 4.593062147207E-12
rpunto1:= -1287552.8882861
rduepunti0 : = -1.0394559766936E+25
fil : = 488.47529440179
fipunto1 : = 5.9127937767278E+17
fi_gradi : = 27987.572765633
t1 : = 1.0809578984216E-14
tpunto1 : = 1.0003753262177
tduepunti0 : = 3.4417222799614E+14
v=v_elettrone : = 3004896.8332649
x0= : -1.9484335631515E-13
y0= : -4.5890785340791E-12
*****
i=35267
k(35267)=0.99999075974128
kQ(35267)=0.99998151956795
r1= : 4.5929111446866E-12
rpunto1:= -1288772.0225444
rduepunti0 : = -1.03951896436E+25
fil : = 488.47536374626
fipunto1 : = 5.9131825573425E+17
fi_gradi : = 27987.576738779
t1 : = 1.0809579101539E-14
tpunto1 : = 1.0003753666227
tduepunti0 : = 3.4452105282703E+14
v=v_elettrone : = 3005499.4383835
x0= : -1.9451876053103E-13
y0= : -4.5889413092681E-12
*****
i=35268
k(35268)=0.99999074224994
kQ(35268)=0.99998148458558
r1= : 4.5927599991878E-12
rpunto1:= -1289991.2307505
rduepunti0 : = -1.0395820174149E+25
fil : = 488.47543309529
fipunto1 : = 5.9135717444611E+17
fi_gradi : = 27987.580712185
t1 : = 1.0809579218862E-14
tpunto1 : = 1.0003754070686
tduepunti0 : = 3.4486996404774E+14
v=v_elettrone : = 3006102.5333413
x0= : -1.94194157768E-13
y0= : -4.5888039195498E-12
```

```
*****
i=35269
k(35269)=0.99999072474098
kQ(35269)=0.999981449568
r1= : 4.5926087107019E-12
rpunto1 : = -1291210.5129812
rduepunti0 : = -1.0396451358788E+25
fil : = 488.47550244889
fipunto1 : = 5.9139613382199E+17
fi_gradi : = 27987.584685854
t1 : = 1.0809579336185E-14
tpunto1 : = 1.0003754475554
tduepunti0 : = 3.4521896175802E+14
v=v_elettrone : = 3006706.1159372
x0= : -1.9386954803701E-13
y0= : -4.588666364913E-12
*****
i=35270
k(35270)=0.99999070721442
kQ(35270)=0.99998141451521
r1= : 4.5924572792201E-12
rpunto1 : = -1292429.8693131
rduepunti0 : = -1.0397083197721E+25
fil : = 488.47557180706
fipunto1 : = 5.9143513387556E+17
fi_gradi : = 27987.588659784
t1 : = 1.0809579453507E-14
tpunto1 : = 1.0003754880832
tduepunti0 : = 3.4556804605766E+14
v=v_elettrone : = 3007310.1899846
x0= : -1.9354493134927E-13
y0= : -4.5885286453463E-12
*****
i=35271
k(35271)=0.99999068967025
kQ(35271)=0.99998137942719
r1= : 4.5923057047338E-12
rpunto1 : = -1293649.299823
rduepunti0 : = -1.0397715691155E+25
fil : = 488.4756411698
fipunto1 : = 5.9147417462048E+17
fi_gradi : = 27987.592633976
t1 : = 1.080957957083E-14
tpunto1 : = 1.0003755286519
tduepunti0 : = 3.459172170465E+14
v=v_elettrone : = 3007914.7512594
x0= : -1.9322030771547E-13
y0= : -4.5883907608385E-12
*****
i=35272
k(35272)=0.99999067210847
kQ(35272)=0.99998134430395
r1= : 4.5921539872343E-12
rpunto1 : = -1294868.8045877
rduepunti0 : = -1.0398348839294E+25
fil : = 488.47571053712
fipunto1 : = 5.9151325607044E+17
fi_gradi : = 27987.596608431
t1 : = 1.0809579688153E-14
tpunto1 : = 1.0003755692616
tduepunti0 : = 3.4626647482446E+14
v=v_elettrone : = 3008519.8035888
x0= : -1.9289567714684E-13
y0= : -4.5882527113781E-12
```

```

*****
i=35273
k(35273)=0.99999065452906
kQ(35273)=0.99998130914546
r1= : 4.5920021267128E-12
rpunto1 : = -1296088.3836839
rduepunti0 : = -1.0398982642345E+25
fil : = 488.47577990902
fipunto1 : = 5.9155237823914E+17
fi_gradi : = 27987.600583148
t1 : = 1.0809579805475E-14
tpunto1 : = 1.0003756099122
tduepunti0 : = 3.4661581949151E+14
v=v_elettrone : = 3009125.3427516
x0= : -1.925710396541E-13
y0= : -4.5881144969539E-12
*****
i=35274
k(35274)=0.99999063693203
kQ(35274)=0.99998127395173
r1= : 4.5918501231608E-12
rpunto1 : = -1297308.0371886
rduepunti0 : = -1.0399617100514E+25
fil : = 488.47584928551
fipunto1 : = 5.9159154114031E+17
fi_gradi : = 27987.604558128
t1 : = 1.0809579922798E-14
tpunto1 : = 1.0003756506038
tduepunti0 : = 3.4696525114768E+14
v=v_elettrone : = 3009731.3705523
x0= : -1.9224639524849E-13
y0= : -4.5879761175544E-12
*****
i=35275
k(35275)=0.99999061931738
kQ(35275)=0.99998123872275
r1= : 4.5916979765693E-12
rpunto1 : = -1298527.7651786
rduepunti0 : = -1.0400252214006E+25
fil : = 488.47591866659
fipunto1 : = 5.9163074478769E+17
fi_gradi : = 27987.608533371
t1 : = 1.0809580040121E-14
tpunto1 : = 1.0003756913365
tduepunti0 : = 3.4731476989306E+14
v=v_elettrone : = 3010337.8888093
x0= : -1.9192174394101E-13
y0= : -4.5878375731682E-12
*****
i=35276
k(35276)=0.99999060168509
kQ(35276)=0.9999812034585
r1= : 4.5915456869297E-12
rpunto1 : = -1299747.5677307
rduepunti0 : = -1.0400887983029E+25
fil : = 488.47598805227
fipunto1 : = 5.9166998919502E+17
fi_gradi : = 27987.612508878
t1 : = 1.0809580157444E-14
tpunto1 : = 1.0003757321101
tduepunti0 : = 3.476643758278E+14
v=v_elettrone : = 3010944.8932961
x0= : -1.915970857424E-13
y0= : -4.5876988637841E-12

```

```
*****
i=35277
k(35277)=0.99999058403516
kQ(35277)=0.99998116815898
r1= : 4.5913932542333E-12
rpunto1 : = -1300967.4449219
rduepunti0 : = -1.0401524407789E+25
fil : = 488.47605744255
fipunto1 : = 5.9170927437609E+17
fi_gradi : = 27987.616484648
t1 : = 1.0809580274766E-14
tpunto1 : = 1.0003757729247
tduepunti0 : = 3.4801406905213E+14
v=v_elettrone : = 3011552.3878292
x0= : -1.9127242066393E-13
y0= : -4.5875599893905E-12
*****
i=35278
k(35278)=0.99999056636759
kQ(35278)=0.99998113282418
r1= : 4.5912406784713E-12
rpunto1 : = -1302187.3968291
rduepunti0 : = -1.0402161488493E+25
fil : = 488.47612683744
fipunto1 : = 5.9174860034466E+17
fi_gradi : = 27987.620460683
t1 : = 1.0809580392089E-14
tpunto1 : = 1.0003758137804
tduepunti0 : = 3.483638496663E+14
v=v_elettrone : = 3012160.3702152
x0= : -1.9094774871637E-13
y0= : -4.5874209499761E-12
*****
i=35279
k(35279)=0.99999054868238
kQ(35279)=0.99998109745409
r1= : 4.591087959635E-12
rpunto1 : = -1303407.4235293
rduepunti0 : = -1.0402799225349E+25
fil : = 488.47619623695
fipunto1 : = 5.9178796711456E+17
fi_gradi : = 27987.624436981
t1 : = 1.0809580509412E-14
tpunto1 : = 1.0003758546771
tduepunti0 : = 3.4871371777065E+14
v=v_elettrone : = 3012768.8402259
x0= : -1.9062306991075E-13
y0= : -4.5872817455295E-12
*****
i=35280
k(35280)=0.99999053097952
kQ(35280)=0.99998106204871
r1= : 4.5909350977155E-12
rpunto1 : = -1304627.5250993
rduepunti0 : = -1.0403437618564E+25
fil : = 488.47626564107
fipunto1 : = 5.918273746996E+17
fi_gradi : = 27987.628413544
t1 : = 1.0809580626735E-14
tpunto1 : = 1.0003758956148
tduepunti0 : = 3.4906367346558E+14
v=v_elettrone : = 3013377.7976888
x0= : -1.9029838425811E-13
y0= : -4.5871423760391E-12
```



```
*****
i=35281
k(35281)=0.99999051325901
kQ(35281)=0.99998102660802
r1= : 4.590782092704E-12
rpunto1 : = -1305847.7016163
rduepunti0 : = -1.0404076668346E+25
fil : = 488.47633504981
fipunto1 : = 5.9186682311362E+17
fi_gradi : = 27987.632390372
t1 : = 1.0809580744058E-14
tpunto1 : = 1.0003759365936
tduepunti0 : = 3.4941371685154E+14
v=v_elettrone : = 3013987.2423877
x0= : -1.8997369176949E-13
y0= : -4.5870028414937E-12
*****
i=35282
k(35282)=0.99999049552084
kQ(35282)=0.99998099113202
r1= : 4.5906289445919E-12
rpunto1 : = -1307067.9531573
rduepunti0 : = -1.0404716374902E+25
fil : = 488.47640446318
fipunto1 : = 5.9190631237047E+17
fi_gradi : = 27987.636367465
t1 : = 1.080958086138E-14
tpunto1 : = 1.0003759776134
tduepunti0 : = 3.4976384802904E+14
v=v_elettrone : = 3014597.1761366
x0= : -1.8964899245597E-13
y0= : -4.5868631418816E-12
*****
i=35283
k(35283)=0.99999047776501
kQ(35283)=0.99998095562069
r1= : 4.5904756533702E-12
rpunto1 : = -1308288.2797992
rduepunti0 : = -1.0405356738442E+25
fil : = 488.47647388117
fipunto1 : = 5.9194584248402E+17
fi_gradi : = 27987.640344824
t1 : = 1.0809580978703E-14
tpunto1 : = 1.0003760186744
tduepunti0 : = 3.5011406709867E+14
v=v_elettrone : = 3015207.5947197
x0= : -1.8932428632834E-13
y0= : -4.5867232771916E-12
*****
i=35284
k(35284)=0.99999045999151
kQ(35284)=0.99998092007404
r1= : 4.5903222190303E-12
rpunto1 : = -1309508.6816192
rduepunti0 : = -1.0405997759173E+25
fil : = 488.47654330381
fipunto1 : = 5.9198541346815E+17
fi_gradi : = 27987.644322448
t1 : = 1.0809581096026E-14
tpunto1 : = 1.0003760597764
tduepunti0 : = 3.5046437416105E+14
v=v_elettrone : = 3015818.5019482
x0= : -1.8899957339794E-13
y0= : -4.586583247412E-12
```

```
*****
i=35285
k(35285)=0.99999044220035
kQ(35285)=0.99998088449205
r1= : 4.5901686415632E-12
rpunto1 : = -1310729.1586944
rduepunti0 : = -1.0406639437305E+25
fil : = 488.47661273109
fipunto1 : = 5.9202502533678E+17
fi_gradi : = 27987.648300338
t1 : = 1.0809581213349E-14
tpunto1 : = 1.0003761009195
tduepunti0 : = 3.5081476931689E+14
v=v_elettrone : = 3016429.8976227
x0= : -1.8867485367561E-13
y0= : -4.5864430525314E-12
*****
i=35286
k(35286)=0.99999042439151
kQ(35286)=0.99998084887471
r1= : 4.5900149209602E-12
rpunto1 : = -1311949.7111019
rduepunti0 : = -1.0407281773046E+25
fil : = 488.47668216301
fipunto1 : = 5.9206467810382E+17
fi_gradi : = 27987.652278494
t1 : = 1.0809581330672E-14
tpunto1 : = 1.0003761421037
tduepunti0 : = 3.5116525266695E+14
v=v_elettrone : = 3017041.7795375
x0= : -1.8835012717217E-13
y0= : -4.5863026925383E-12
*****
i=35287
k(35287)=0.99999040656499
kQ(35287)=0.99998081322201
r1= : 4.5898610572123E-12
rpunto1 : = -1313170.3389188
rduepunti0 : = -1.0407924766605E+25
fil : = 488.47675159958
fipunto1 : = 5.9210437178321E+17
fi_gradi : = 27987.656256916
t1 : = 1.0809581447994E-14
tpunto1 : = 1.000376183329
tduepunti0 : = 3.5151582431204E+14
v=v_elettrone : = 3017654.1474889
x0= : -1.8802539389874E-13
y0= : -4.5861621674213E-12
*****
i=35288
k(35288)=0.99999038872079
kQ(35288)=0.99998077753396
r1= : 4.5897070503109E-12
rpunto1 : = -1314391.0422223
rduepunti0 : = -1.0408568418192E+25
fil : = 488.47682104081
fipunto1 : = 5.9214410638891E+17
fi_gradi : = 27987.660235605
t1 : = 1.0809581565317E-14
tpunto1 : = 1.0003762245954
tduepunti0 : = 3.5186648435305E+14
v=v_elettrone : = 3018267.0012871
x0= : -1.8770065386643E-13
y0= : -4.5860214771687E-12
```

```
*****
i=35289
k(35289)=0.9999903708589
kQ(35289)=0.99998074181053
r1= : 4.5895529002469E-12
rpunto1 : = -1315611.8210897
rduepunti0 : = -1.0409212728017E+25
fil : = 488.47689048669
fipunto1 : = 5.9218388193487E+17
fi_gradi : = 27987.664214562
t1 : = 1.080958168264E-14
tpunto1 : = 1.000376265903
tduepunti0 : = 3.5221723289091E+14
v=v_elettrone : = 3018880.3427277
x0= : -1.8737590708637E-13
y0= : -4.585880621769E-12
*****
i=35290
k(35290)=0.99999035297933
kQ(35290)=0.99998070605172
r1= : 4.5893986070116E-12
rpunto1 : = -1316832.6755981
rduepunti0 : = -1.040985769629E+25
fil : = 488.47695993724
fipunto1 : = 5.922236984351E+17
fi_gradi : = 27987.668193785
t1 : = 1.0809581799963E-14
tpunto1 : = 1.0003763072517
tduepunti0 : = 3.5256807002665E+14
v=v_elettrone : = 3019494.1716078
x0= : -1.8705115356942E-13
y0= : -4.5857396012108E-12
*****
i=35291
k(35291)=0.99999033508205
kQ(35291)=0.99998067025752
r1= : 4.5892441705961E-12
rpunto1 : = -1318053.6058247
rduepunti0 : = -1.0410503323221E+25
fil : = 488.47702939247
fipunto1 : = 5.9226355590358E+17
fi_gradi : = 27987.672173276
t1 : = 1.0809581917286E-14
tpunto1 : = 1.0003763486416
tduepunti0 : = 3.5291899586131E+14
v=v_elettrone : = 3020108.4857318
x0= : -1.8672639332647E-13
y0= : -4.5855984154825E-12
*****
i=35292
k(35292)=0.99999031716708
kQ(35292)=0.99998063442792
r1= : 4.5890895909914E-12
rpunto1 : = -1319274.611847
rduepunti0 : = -1.0411149609021E+25
fil : = 488.47709885236
fipunto1 : = 5.9230345435436E+17
fi_gradi : = 27987.676153035
t1 : = 1.0809582034608E-14
tpunto1 : = 1.0003763900726
tduepunti0 : = 3.5327001049603E+14
v=v_elettrone : = 3020723.2848948
x0= : -1.8640162636867E-13
y0= : -4.5854570645724E-12
```

```
*****
i=35293
k(35293)=0.99999029923441
kQ(35293)=0.99998059856292
r1= : 4.5889348681888E-12
rpunto1 : = -1320495.6937421
rduepunti0 : = -1.0411796553899E+25
fil : = 488.47716831694
fipunto1 : = 5.9234339380145E+17
fi_gradi : = 27987.680133062
t1 : = 1.0809582151931E-14
tpunto1 : = 1.0003764315449
tduepunti0 : = 3.5362111403199E+14
v=v_elettrone : = 3021338.5709024
x0= : -1.8607685270719E-13
y0= : -4.5853155484691E-12
*****
i=35294
k(35294)=0.99999028128403
kQ(35294)=0.99998056266251
r1= : 4.5887800021793E-12
rpunto1 : = -1321716.8515873
rduepunti0 : = -1.0412444158068E+25
fil : = 488.4772377862
fipunto1 : = 5.9238337425892E+17
fi_gradi : = 27987.684113357
t1 : = 1.0809582269254E-14
tpunto1 : = 1.0003764730583
tduepunti0 : = 3.5397230657045E+14
v=v_elettrone : = 3021954.3435496
x0= : -1.8575207235294E-13
y0= : -4.5851738671609E-12
*****
i=35295
k(35295)=0.99999026331593
kQ(35295)=0.99998052672667
r1= : 4.588624992954E-12
rpunto1 : = -1322938.0854601
rduepunti0 : = -1.0413092421738E+25
fil : = 488.47730726014
fipunto1 : = 5.9242339574083E+17
fi_gradi : = 27987.688093921
t1 : = 1.0809582386577E-14
tpunto1 : = 1.0003765146129
tduepunti0 : = 3.5432358821272E+14
v=v_elettrone : = 3022570.6006333
x0= : -1.8542728531683E-13
y0= : -4.5850320206363E-12
*****
i=35296
k(35296)=0.99999024533012
kQ(35296)=0.9999804907554
r1= : 4.588469840504E-12
rpunto1 : = -1324159.3954377
rduepunti0 : = -1.0413741345121E+25
fil : = 488.47737673879
fipunto1 : = 5.9246345826127E+17
fi_gradi : = 27987.692074754
t1 : = 1.08095825039E-14
tpunto1 : = 1.0003765562087
tduepunti0 : = 3.5467495906017E+14
v=v_elettrone : = 3023187.3439659
x0= : -1.8510249161007E-13
y0= : -4.5848900088837E-12
```

```
*****
i=35297
k(35297)=0.99999022732659
kQ(35297)=0.99998045474869
r1= : 4.5883145448203E-12
rpunto1 : = -1325380.7815976
rduepunti0 : = -1.0414390928428E+25
fil : = 488.47744622213
fipunto1 : = 5.9250356183436E+17
fi_gradi : = 27987.696055857
t1 : = 1.0809582621223E-14
tpunto1 : = 1.0003765978457
tduepunti0 : = 3.5502641921424E+14
v=v_elettrone : = 3023804.5713375
x0= : -1.8477769124358E-13
y0= : -4.5847478318914E-12
*****
i=35298
k(35298)=0.99999020930534
kQ(35298)=0.99998041870653
r1= : 4.5881591058941E-12
rpunto1 : = -1326602.2440173
rduepunti0 : = -1.0415041171872E+25
fil : = 488.47751571017
fipunto1 : = 5.925437064742E+17
fi_gradi : = 27987.700037228
t1 : = 1.0809582738546E-14
tpunto1 : = 1.000376639524
tduepunti0 : = 3.5537796877642E+14
v=v_elettrone : = 3024422.2865414
x0= : -1.8445288422858E-13
y0= : -4.5846054896479E-12
*****
i=35299
k(35299)=0.99999019126635
kQ(35299)=0.99998038262892
r1= : 4.5880035237163E-12
rpunto1 : = -1327823.7827741
rduepunti0 : = -1.0415692075665E+25
fil : = 488.47758520292
fipunto1 : = 5.9258389219494E+17
fi_gradi : = 27987.70401887
t1 : = 1.0809582855868E-14
tpunto1 : = 1.0003766812435
tduepunti0 : = 3.5572960784829E+14
v=v_elettrone : = 3025040.4853947
x0= : -1.8412807057576E-13
y0= : -4.5844629821414E-12
*****
i=35300
k(35300)=0.99999017320964
kQ(35300)=0.99998034651584
r1= : 4.5878477982781E-12
rpunto1 : = -1329045.3979455
rduepunti0 : = -1.0416343640019E+25
fil : = 488.47765470039
fipunto1 : = 5.9262411901072E+17
fi_gradi : = 27987.708000781
t1 : = 1.0809582973191E-14
tpunto1 : = 1.0003767230042
tduepunti0 : = 3.5608133653145E+14
v=v_elettrone : = 3025659.1676865
x0= : -1.8380325029636E-13
y0= : -4.5843203093604E-12
```

```
*****
i=35301
k(35301)=0.99999015513518
kQ(35301)=0.99998031036729
r1= : 4.5876919295704E-12
rpunto1: = -1330267.089609
rduepunti0 : = -1.0416995865147E+25
fil : = 488.47772420257
fipunto1 : = 5.9266438693574E+17
fi_gradi : = 27987.711982963
t1 : = 1.0809583090514E-14
tpunto1 : = 1.0003767648063
tduepunti0 : = 3.564331549276E+14
v=v_elettrone : = 3026278.3372148
x0= : -1.8347842340161E-13
y0= : -4.5841774712931E-12
*****
i=35302
k(35302)=0.99999013704299
kQ(35302)=0.99998027418325
r1= : 4.5875359175844E-12
rpunto1: = -1331488.8578421
rduepunti0 : = -1.0417648751261E+25
fil : = 488.47779370947
fipunto1 : = 5.9270469598416E+17
fi_gradi : = 27987.715965415
t1 : = 1.0809583207837E-14
tpunto1 : = 1.0003768066495
tduepunti0 : = 3.5678506313849E+14
v=v_elettrone : = 3026897.9897868
x0= : -1.8315358990223E-13
y0= : -4.584034467928E-12
*****
i=35303
k(35303)=0.99999011893305
kQ(35303)=0.99998023796373
r1= : 4.587379762311E-12
rpunto1: = -1332710.7027224
rduepunti0 : = -1.0418302298576E+25
fil : = 488.47786322111
fipunto1 : = 5.927450461702E+17
fi_gradi : = 27987.719948138
t1 : = 1.080958332516E-14
tpunto1 : = 1.0003768485341
tduepunti0 : = 3.5713706126592E+14
v=v_elettrone : = 3027518.1271927
x0= : -1.828287498095E-13
y0= : -4.5838912992533E-12
*****
i=35304
k(35304)=0.99999010080536
kQ(35304)=0.99998020170871
r1= : 4.5872234637412E-12
rpunto1: = -1333932.6243275
rduepunti0 : = -1.0418956507304E+25
fil : = 488.47793273747
fipunto1 : = 5.9278543750807E+17
fi_gradi : = 27987.723931132
t1 : = 1.0809583442483E-14
tpunto1 : = 1.00037689046
tduepunti0 : = 3.5748914941176E+14
v=v_elettrone : = 3028138.7492436
x0= : -1.825039031344E-13
y0= : -4.5837479652573E-12
```

```
*****
i=35305
k(35305)=0.99999008265991
kQ(35305)=0.99998016541817
r1= : 4.587067021866E-12
rpunto1 : = -1335154.6227349
rduepunti0 : = -1.0419611377659E+25
fil : = 488.47800225857
fipunto1 : = 5.9282587001203E+17
fi_gradi : = 27987.727914398
t1 : = 1.0809583559806E-14
tpunto1 : = 1.0003769324271
tduepunti0 : = 3.5784132767795E+14
v=v_elettrone : = 3028759.8557294
x0= : -1.8217904988796E-13
y0= : -4.5836044659285E-12
*****
i=35306
k(35306)=0.99999006449671
kQ(35306)=0.99998012909213
r1= : 4.5869104366764E-12
rpunto1 : = -1336376.6980222
rduepunti0 : = -1.0420266909856E+25
fil : = 488.47807178442
fipunto1 : = 5.9286634369632E+17
fi_gradi : = 27987.731897935
t1 : = 1.0809583677129E-14
tpunto1 : = 1.0003769744356
tduepunti0 : = 3.581935961665E+14
v=v_elettrone : = 3029381.4464533
x0= : -1.8185419008121E-13
y0= : -4.5834608012549E-12
*****
i=35307
k(35307)=0.99999004631574
kQ(35307)=0.99998009273055
r1= : 4.5867537081635E-12
rpunto1 : = -1337598.8502672
rduepunti0 : = -1.0420923104108E+25
fil : = 488.47814131501
fipunto1 : = 5.9290685857521E+17
fi_gradi : = 27987.735881745
t1 : = 1.0809583794452E-14
tpunto1 : = 1.0003770164854
tduepunti0 : = 3.5854595497945E+14
v=v_elettrone : = 3030003.5212188
x0= : -1.8152932372517E-13
y0= : -4.583316971225E-12
*****
i=35308
k(35308)=0.999990028117
kQ(35308)=0.99998005633345
r1= : 4.5865968363181E-12
rpunto1 : = -1338821.0795474
rduepunti0 : = -1.0421579960629E+25
fil : = 488.47821085035
fipunto1 : = 5.92947414663E+17
fi_gradi : = 27987.739865826
t1 : = 1.0809583911774E-14
tpunto1 : = 1.0003770585766
tduepunti0 : = 3.5889840421894E+14
v=v_elettrone : = 3030626.0798174
x0= : -1.8120445083089E-13
y0= : -4.583172975827E-12
```

```
*****
i=35309
k(35309)=0.9999900099005
kQ(35309)=0.9999800199008
r1= : 4.5864398211313E-12
rpunto1 : = -1340043.3859406
rduepunti0 : = -1.0422237479636E+25
fil : = 488.47828039044
fipunto1 : = 5.92988011974E+17
fi_gradi : = 27987.743850181
t1 : = 1.0809584029097E-14
tpunto1 : = 1.000377100709
tduepunti0 : = 3.5925094398714E+14
v=v_elettrone : = 3031249.1220559
x0= : -1.8087957140943E-13
y0= : -4.5830288150491E-12
*****
i=35310
k(35310)=0.99998999166622
kQ(35310)=0.9999799834326
r1= : 4.586282662594E-12
rpunto1 : = -1341265.7695245
rduepunti0 : = -1.0422895661341E+25
fil : = 488.4783499353
fipunto1 : = 5.9302865052252E+17
fi_gradi : = 27987.747834807
t1 : = 1.080958414642E-14
tpunto1 : = 1.0003771428829
tduepunti0 : = 3.5960357438632E+14
v=v_elettrone : = 3031872.6477324
x0= : -1.8055468547185E-13
y0= : -4.5828844888796E-12
*****
i=35311
k(35311)=0.99998997341415
kQ(35311)=0.99997994692884
r1= : 4.5861253606971E-12
rpunto1 : = -1342488.2303768
rduepunti0 : = -1.0423554505962E+25
fil : = 488.47841948493
fipunto1 : = 5.9306933032291E+17
fi_gradi : = 27987.751819707
t1 : = 1.0809584263743E-14
tpunto1 : = 1.0003771850981
tduepunti0 : = 3.5995629551878E+14
v=v_elettrone : = 3032496.6566438
x0= : -1.8022979302922E-13
y0= : -4.5827399973067E-12
*****
i=35312
k(35312)=0.99998995514431
kQ(35312)=0.99997991038951
r1= : 4.5859679154317E-12
rpunto1 : = -1343710.7685754
rduepunti0 : = -1.0424214013713E+25
fil : = 488.47848903933
fipunto1 : = 5.9311005138952E+17
fi_gradi : = 27987.755804881
t1 : = 1.0809584381066E-14
tpunto1 : = 1.0003772273547
tduepunti0 : = 3.603091074869E+14
v=v_elettrone : = 3033121.148595
x0= : -1.7990489409262E-13
y0= : -4.5825953403187E-12
```



```
*****
i=35313
k(35313)=0.99998993685667
kQ(35313)=0.99997987381461
r1= : 4.5858103267885E-12
rpunto1 : = -1344933.3841979
rduepunti0 : = -1.0424874184809E+25
fil : = 488.4785585985
fipunto1 : = 5.9315081373673E+17
fi_gradi : = 27987.759790328
t1 : = 1.0809584498389E-14
tpunto1 : = 1.0003772696526
tduepunti0 : = 3.6066201039311E+14
v=v_elettrone : = 3033746.1233827
x0= : -1.7957998867316E-13
y0= : -4.5824505179038E-12
*****
i=35314
k(35314)=0.99998991855124
kQ(35314)=0.99997983720412
r1= : 4.5856525947586E-12
rpunto1 : = -1346156.0773223
rduepunti0 : = -1.0425535019467E+25
fil : = 488.47862816245
fipunto1 : = 5.9319161737894E+17
fi_gradi : = 27987.763776049
t1 : = 1.0809584615712E-14
tpunto1 : = 1.000377311992
tduepunti0 : = 3.6101500433993E+14
v=v_elettrone : = 3034371.5808115
x0= : -1.7925507678192E-13
y0= : -4.5823055300501E-12
*****
i=35315
k(35315)=0.99998990022802
kQ(35315)=0.99997980055804
r1= : 4.5854947193328E-12
rpunto1 : = -1347378.8480263
rduepunti0 : = -1.0426196517904E+25
fil : = 488.47869773119
fipunto1 : = 5.9323246233054E+17
fi_gradi : = 27987.767762044
t1 : = 1.0809584733035E-14
tpunto1 : = 1.0003773543728
tduepunti0 : = 3.6136808942992E+14
v=v_elettrone : = 3034997.5226637
x0= : -1.7893015843003E-13
y0= : -4.5821603767459E-12
*****
i=35316
k(35316)=0.99998988188699
kQ(35316)=0.99997976387635
r1= : 4.5853367005021E-12
rpunto1 : = -1348601.6963879
rduepunti0 : = -1.0426858680335E+25
fil : = 488.47876730472
fipunto1 : = 5.9327334860598E+17
fi_gradi : = 27987.771748313
t1 : = 1.0809584850358E-14
tpunto1 : = 1.000377396795
tduepunti0 : = 3.617212657657E+14
v=v_elettrone : = 3035623.9467547
x0= : -1.7860523362834E-13
y0= : -4.5820150579794E-12
```

```
*****
i=35317
k(35317)=0.99998986352815
kQ(35317)=0.99997972715906
r1= : 4.5851785382573E-12
rpunto1 : = -1349824.6224849
rduepunti0 : = -1.0427521506977E+25
fil : = 488.47883688304
fipunto1 : = 5.9331427621968E+17
fi_gradi : = 27987.775734858
t1 : = 1.0809584967681E-14
tpunto1 : = 1.0003774392586
tduepunti0 : = 3.6207453344997E+14
v=v_elettrone : = 3036250.8528848
x0= : -1.7828030238798E-13
y0= : -4.5818695737387E-12
*****
i=35318
k(35318)=0.99998984515151
kQ(35318)=0.99997969040614
r1= : 4.5850202325894E-12
rpunto1 : = -1351047.6263953
rduepunti0 : = -1.0428184998047E+25
fil : = 488.47890646616
fipunto1 : = 5.9335524518611E+17
fi_gradi : = 27987.779721677
t1 : = 1.0809585085004E-14
tpunto1 : = 1.0003774817637
tduepunti0 : = 3.6242789258549E+14
v=v_elettrone : = 3036878.2408534
x0= : -1.779553647201E-13
y0= : -4.5817239240119E-12
*****
i=35319
k(35319)=0.99998982675705
kQ(35319)=0.99997965361759
r1= : 4.5848617834891E-12
rpunto1 : = -1352270.708197
rduepunti0 : = -1.0428849153763E+25
fil : = 488.47897605409
fipunto1 : = 5.9339625551974E+17
fi_gradi : = 27987.783708771
t1 : = 1.0809585202327E-14
tpunto1 : = 1.0003775243102
tduepunti0 : = 3.6278134327508E+14
v=v_elettrone : = 3037506.1124428
x0= : -1.7763042063585E-13
y0= : -4.5815781087873E-12
*****
i=35320
k(35320)=0.99998980834477
kQ(35320)=0.99997961679341
r1= : 4.5847031909474E-12
rpunto1 : = -1353493.867968
rduepunti0 : = -1.0429513974341E+25
fil : = 488.47904564683
fipunto1 : = 5.9343730723507E+17
fi_gradi : = 27987.787696141
t1 : = 1.080958531965E-14
tpunto1 : = 1.0003775668982
tduepunti0 : = 3.6313488562163E+14
v=v_elettrone : = 3038134.4654771
x0= : -1.7730547014612E-13
y0= : -4.5814321280529E-12
```

```
*****
i=35321
k(35321)=0.99998978991467
kQ(35321)=0.99997957993358
r1= : 4.5845444549552E-12
rpunto1 : = -1354717.1057863
rduepunti0 : = -1.043017946E+25
fil : = 488.47911524438
fipunto1 : = 5.9347840034662E+17
fi_gradi : = 27987.791683787
t1 : = 1.0809585436973E-14
tpunto1 : = 1.0003776095276
tduepunti0 : = 3.6348851972808E+14
v=v_elettrone : = 3038763.2997427
x0= : -1.7698051326209E-13
y0= : -4.5812859817969E-12
*****
i=35322
k(35322)=0.99998977146674
kQ(35322)=0.9999795430381
r1= : 4.5843855755032E-12
rpunto1 : = -1355940.4217299
rduepunti0 : = -1.0430845610958E+25
fil : = 488.47918484675
fipunto1 : = 5.935195348689E+17
fi_gradi : = 27987.79567171
t1 : = 1.0809585554296E-14
tpunto1 : = 1.0003776521986
tduepunti0 : = 3.6384224569745E+14
v=v_elettrone : = 3039392.6170386
x0= : -1.7665554999493E-13
y0= : -4.5811396700075E-12
*****
i=35323
k(35323)=0.99998975300098
kQ(35323)=0.99997950610695
r1= : 4.5842265525823E-12
rpunto1 : = -1357163.8158769
rduepunti0 : = -1.0431512427432E+25
fil : = 488.47925445395
fipunto1 : = 5.9356071081647E+17
fi_gradi : = 27987.799659908
t1 : = 1.0809585671619E-14
tpunto1 : = 1.000377694911
tduepunti0 : = 3.6419606363281E+14
v=v_elettrone : = 3040022.4171606
x0= : -1.7633058035559E-13
y0= : -4.5809931926726E-12
*****
i=35324
k(35324)=0.99998973451738
kQ(35324)=0.99997946914013
r1= : 4.5840673861833E-12
rpunto1 : = -1358387.2883053
rduepunti0 : = -1.0432179909642E+25
fil : = 488.47932406597
fipunto1 : = 5.9360192820388E+17
fi_gradi : = 27987.803648383
t1 : = 1.0809585788942E-14
tpunto1 : = 1.000377737665
tduepunti0 : = 3.6454997363731E+14
v=v_elettrone : = 3040652.695931
x0= : -1.7600560435498E-13
y0= : -4.5808465497805E-12
```

```
*****
i=35325
k(35325)=0.99998971601594
kQ(35325)=0.99997943213763
r1= : 4.5839080762971E-12
rpunto1 : = -1359610.8390932
rduepunti0 : = -1.0432848057806E+25
fil : = 488.47939368283
fipunto1 : = 5.9364318704573E+17
fi_gradi : = 27987.807637136
t1 : = 1.0809585906265E-14
tpunto1 : = 1.0003777804604
tduepunti0 : = 3.6490397581415E+14
v=v_elettrone : = 3041283.4591141
x0= : -1.7568062200459E-13
y0= : -4.5806997413192E-12
*****
i=35326
k(35326)=0.99998969749665
kQ(35326)=0.99997939509944
r1= : 4.5837486229145E-12
rpunto1 : = -1360834.4683188
rduepunti0 : = -1.0433516872143E+25
fil : = 488.47946330453
fipunto1 : = 5.9368448735659E+17
fi_gradi : = 27987.811626165
t1 : = 1.0809586023588E-14
tpunto1 : = 1.0003778232974
tduepunti0 : = 3.6525807026661E+14
v=v_elettrone : = 3041914.7005487
x0= : -1.7535563331512E-13
y0= : -4.5805527672767E-12
*****
i=35327
k(35327)=0.99998967895951
kQ(35327)=0.99997935802555
r1= : 4.5835890260262E-12
rpunto1 : = -1362058.1760603
rduepunti0 : = -1.0434186352872E+25
fil : = 488.47953293107
fipunto1 : = 5.9372582915109E+17
fi_gradi : = 27987.815615472
t1 : = 1.0809586140911E-14
tpunto1 : = 1.0003778661759
tduepunti0 : = 3.6561225709801E+14
v=v_elettrone : = 3042546.4259962
x0= : -1.7503063829805E-13
y0= : -4.5804056276412E-12
*****
i=35328
k(35328)=0.99998966040452
kQ(35328)=0.99997932091596
r1= : 4.583429285623E-12
rpunto1 : = -1363281.9623957
rduepunti0 : = -1.0434856500212E+25
fil : = 488.47960256246
fipunto1 : = 5.9376721244386E+17
fi_gradi : = 27987.819605057
t1 : = 1.0809586258234E-14
tpunto1 : = 1.000377909096
tduepunti0 : = 3.6596653641176E+14
v=v_elettrone : = 3043178.6312808
x0= : -1.7470563696409E-13
y0= : -4.5802583224007E-12
```

```
*****
i=35329
k(35329)=0.99998964183168
kQ(35329)=0.99997928377064
r1= : 4.5832694016959E-12
rpunto1 : = -1364505.8274034
rduepunti0 : = -1.0435527314384E+25
fil : = 488.4796721987
fipunto1 : = 5.9380863724954E+17
fi_gradi : = 27987.823594919
t1 : = 1.0809586375557E-14
tpunto1 : = 1.0003779520577
tduepunti0 : = 3.6632090831132E+14
v=v_elettrone : = 3043811.3162069
x0= : -1.7438062932451E-13
y0= : -4.5801108515432E-12
*****
i=35330
k(35330)=0.99998962324096
kQ(35330)=0.9999792465896
r1= : 4.5831093742354E-12
rpunto1 : = -1365729.7711615
rduepunti0 : = -1.0436198795608E+25
fil : = 488.4797418398
fipunto1 : = 5.9385010358281E+17
fi_gradi : = 27987.827585061
t1 : = 1.080958649288E-14
tpunto1 : = 1.0003779950609
tduepunti0 : = 3.6667537290023E+14
v=v_elettrone : = 3044444.4825518
x0= : -1.7405561539056E-13
y0= : -4.5799632150567E-12
*****
i=35331
k(35331)=0.99998960463238
kQ(35331)=0.99997920937283
r1= : 4.5829492032324E-12
rpunto1 : = -1366953.7937483
rduepunti0 : = -1.0436870944103E+25
fil : = 488.47981148576
fipunto1 : = 5.9389161145834E+17
fi_gradi : = 27987.83157548
t1 : = 1.0809586610203E-14
tpunto1 : = 1.0003780381057
tduepunti0 : = 3.6702993028206E+14
v=v_elettrone : = 3045078.1301276
x0= : -1.7373059517324E-13
y0= : -4.5798154129293E-12
*****
i=35332
k(35332)=0.99998958600593
kQ(35332)=0.99997917212032
r1= : 4.5827888886776E-12
rpunto1 : = -1368177.8952421
rduepunti0 : = -1.0437543760091E+25
fil : = 488.4798811366
fipunto1 : = 5.9393316089084E+17
fi_gradi : = 27987.835566179
t1 : = 1.0809586727526E-14
tpunto1 : = 1.000378081192
tduepunti0 : = 3.673845805605E+14
v=v_elettrone : = 3045712.2587226
x0= : -1.7340556868357E-13
y0= : -4.579667445149E-12
```

```
*****
i=35333
k(35333)=0.99998956736161
kQ(35333)=0.99997913483205
r1= : 4.5826284305618E-12
rpunto1 : = -1369402.0757211
rduepunti0 : = -1.0438217243791E+25
fil : = 488.4799507923
fipunto1 : = 5.9397475189501E+17
fi_gradi : = 27987.839557157
t1 : = 1.0809586844849E-14
tpunto1 : = 1.00037812432
tduepunti0 : = 3.6773932383924E+14
v=v_elettrone : = 3046346.8661611
x0= : -1.7308053593259E-13
y0= : -4.5795193117038E-12
*****
i=35334
k(35334)=0.9999895486994
kQ(35334)=0.99997909750803
r1= : 4.5824678288757E-12
rpunto1 : = -1370626.3352638
rduepunti0 : = -1.0438891395426E+25
fil : = 488.48002045288
fipunto1 : = 5.9401638448561E+17
fi_gradi : = 27987.843548414
t1 : = 1.0809586962172E-14
tpunto1 : = 1.0003781674896
tduepunti0 : = 3.680941602221E+14
v=v_elettrone : = 3046981.9542223
x0= : -1.7275549693158E-13
y0= : -4.5793710125817E-12
*****
i=35335
k(35335)=0.99998953001931
kQ(35335)=0.99997906014823
r1= : 4.5823070836101E-12
rpunto1 : = -1371850.6739485
rduepunti0 : = -1.0439566215216E+25
fil : = 488.48009011835
fipunto1 : = 5.9405805867737E+17
fi_gradi : = 27987.847539952
t1 : = 1.0809587079495E-14
tpunto1 : = 1.0003782107009
tduepunti0 : = 3.6844908981292E+14
v=v_elettrone : = 3047617.5227016
x0= : -1.7243045169161E-13
y0= : -4.5792225477706E-12
*****
i=35336
k(35336)=0.99998951132132
kQ(35336)=0.99997902275266
r1= : 4.5821461947556E-12
rpunto1 : = -1373075.0918535
rduepunti0 : = -1.0440241703383E+25
fil : = 488.4801597887
fipunto1 : = 5.9409977448507E+17
fi_gradi : = 27987.851531769
t1 : = 1.0809587196818E-14
tpunto1 : = 1.0003782539537
tduepunti0 : = 3.6880411271561E+14
v=v_elettrone : = 3048253.5714199
x0= : -1.7210540022371E-13
y0= : -4.5790739172585E-12
```

```
*****
i=35337
k(35337)=0.99998949260545
kQ(35337)=0.9999789853213
r1= : 4.581985162303E-12
rpunto1 : = -1374299.5890574
rduepunti0 : = -1.0440917860148E+25
fil : = 488.48022946395
fipunto1 : = 5.9414153192349E+17
fi_gradi : = 27987.855523866
t1 : = 1.0809587314141E-14
tpunto1 : = 1.0003782972482
tduepunti0 : = 3.6915922903418E+14
v=v_elettrone : = 3048890.0981666
x0= : -1.7178034253898E-13
y0= : -4.5789251210333E-12
*****
i=35338
k(35338)=0.99998947387167
kQ(35338)=0.99997894785414
r1= : 4.5818239862429E-12
rpunto1 : = -1375524.1656384
rduepunti0 : = -1.0441594685734E+25
fil : = 488.48029914409
fipunto1 : = 5.9418333100744E+17
fi_gradi : = 27987.859516244
t1 : = 1.0809587431464E-14
tpunto1 : = 1.0003783405844
tduepunti0 : = 3.6951443887265E+14
v=v_elettrone : = 3049527.1067219
x0= : -1.7145527864873E-13
y0= : -4.5787761590831E-12
*****
i=35339
k(35339)=0.99998945511999
kQ(35339)=0.99997891035118
r1= : 4.5816626665661E-12
rpunto1 : = -1376748.8216751
rduepunti0 : = -1.0442272180363E+25
fil : = 488.48036882914
fipunto1 : = 5.9422517175174E+17
fi_gradi : = 27987.863508903
t1 : = 1.0809587548787E-14
tpunto1 : = 1.0003783839622
tduepunti0 : = 3.6986974233516E+14
v=v_elettrone : = 3050164.5929256
x0= : -1.7113020856379E-13
y0= : -4.5786270313957E-12
*****
i=35340
k(35340)=0.99998943635041
kQ(35340)=0.99997887281241
r1= : 4.5815012032633E-12
rpunto1 : = -1377973.557246
rduepunti0 : = -1.0442950344257E+25
fil : = 488.48043851909
fipunto1 : = 5.9426705417122E+17
fi_gradi : = 27987.867501843
t1 : = 1.080958766611E-14
tpunto1 : = 1.0003784273818
tduepunti0 : = 3.7022513952589E+14
v=v_elettrone : = 3050802.560531
x0= : -1.7080513229554E-13
y0= : -4.5784777379591E-12
```

```
*****
i=35341
k(35341)=0.99998941756291
kQ(35341)=0.99997883523781
r1= : 4.581339596325E-12
rpunto1 : = -1379198.3724296
rduepunti0 : = -1.044362917764E+25
fil : = 488.48050821395
fipunto1 : = 5.9430897828075E+17
fi_gradi : = 27987.871495065
t1 : = 1.0809587783433E-14
tpunto1 : = 1.000378470843
tduepunti0 : = 3.7058063054907E+14
v=v_elettrone : = 3051441.0053781
x0= : -1.704800498548E-13
y0= : -4.5783282787612E-12
*****
i=35342
k(35342)=0.9999893987575
kQ(35342)=0.99997879762738
r1= : 4.5811778457421E-12
rpunto1 : = -1380423.2673044
rduepunti0 : = -1.0444308680734E+25
fil : = 488.48057791373
fipunto1 : = 5.9435094409519E+17
fi_gradi : = 27987.875488568
t1 : = 1.0809587900756E-14
tpunto1 : = 1.0003785143459
tduepunti0 : = 3.7093621550903E+14
v=v_elettrone : = 3052079.9292519
x0= : -1.7015496125297E-13
y0= : -4.5781786537898E-12
*****
i=35343
k(35343)=0.99998937993416
kQ(35343)=0.99997875998111
r1= : 4.581015951505E-12
rpunto1 : = -1381648.2419491
rduepunti0 : = -1.0444988853763E+25
fil : = 488.48064761843
fipunto1 : = 5.9439295162944E+17
fi_gradi : = 27987.879482353
t1 : = 1.0809588018079E-14
tpunto1 : = 1.0003785578905
tduepunti0 : = 3.7129189451014E+14
v=v_elettrone : = 3052719.3339278
x0= : -1.6982986650116E-13
y0= : -4.5780288630329E-12
*****
i=35344
k(35344)=0.9999893610929
kQ(35344)=0.99997872229899
r1= : 4.5808539136046E-12
rpunto1 : = -1382873.2964421
rduepunti0 : = -1.044566969695E+25
fil : = 488.48071732806
fipunto1 : = 5.944350008984E+17
fi_gradi : = 27987.883476421
t1 : = 1.0809588135402E-14
tpunto1 : = 1.0003786014769
tduepunti0 : = 3.7164766765685E+14
v=v_elettrone : = 3053359.2152542
x0= : -1.6950476561026E-13
y0= : -4.5778789064783E-12
```



```
*****
i=35345
k(35345)=0.99998934223371
kQ(35345)=0.99997868458102
r1= : 4.5806917320313E-12
rpunto1 : = -1384098.4308622
rduepunti0 : = -1.0446351210519E+25
fil : = 488.48078704262
fipunto1 : = 5.94477091917E+17
fi_gradi : = 27987.887470771
t1 : = 1.0809588252726E-14
tpunto1 : = 1.000378645105
tduepunti0 : = 3.7200353505366E+14
v=v_elettrone : = 3053999.5769824
x0= : -1.6917965859167E-13
y0= : -4.5777287841139E-12
*****
i=35346
k(35346)=0.99998932335659
kQ(35346)=0.99997864682717
r1= : 4.5805294067759E-12
rpunto1 : = -1385323.6452879
rduepunti0 : = -1.0447033394694E+25
fil : = 488.48085676212
fipunto1 : = 5.9451922470018E+17
fi_gradi : = 27987.891465404
t1 : = 1.0809588370049E-14
tpunto1 : = 1.0003786887748
tduepunti0 : = 3.7235949680517E+14
v=v_elettrone : = 3054640.4149514
x0= : -1.6885454545629E-13
y0= : -4.5775784959276E-12
*****
i=35347
k(35347)=0.99998930446153
kQ(35347)=0.99997860903745
r1= : 4.5803669378289E-12
rpunto1 : = -1386548.939798
rduepunti0 : = -1.04477162497E+25
fil : = 488.48092648656
fipunto1 : = 5.9456139926291E+17
fi_gradi : = 27987.89546032
t1 : = 1.0809588487372E-14
tpunto1 : = 1.0003787324864
tduepunti0 : = 3.72715553016E+14
v=v_elettrone : = 3055281.7329287
x0= : -1.6852942621555E-13
y0= : -4.5774280419072E-12
*****
i=35348
k(35348)=0.99998928554852
kQ(35348)=0.99997857121185
r1= : 4.580204325181E-12
rpunto1 : = -1387774.3144711
rduepunti0 : = -1.0448399775761E+25
fil : = 488.48099621594
fipunto1 : = 5.9460361562015E+17
fi_gradi : = 27987.899455519
t1 : = 1.0809588604695E-14
tpunto1 : = 1.0003787762397
tduepunti0 : = 3.7307170379088E+14
v=v_elettrone : = 3055923.5287366
x0= : -1.6820430088036E-13
y0= : -4.5772774220405E-12
```

```
*****
i=35349
k(35349)=0.99998926661757
kQ(35349)=0.99997853335035
r1= : 4.5800415688228E-12
rpunto1: = -1388999.7693859
rduepunti0 : = -1.0449083973102E+25
fil : = 488.48106595028
fipunto1 : = 5.946458737869E+17
fi_gradi : = 27987.903451002
t1 : = 1.0809588722018E-14
tpunto1 : = 1.0003788200349
tduepunti0 : = 3.7342794923457E+14
v=v_elettrone : = 3056565.8041428
x0= : -1.6787916946192E-13
y0= : -4.5771266363154E-12
*****
i=35350
k(35350)=0.99998924766867
kQ(35350)=0.99997849545295
r1= : 4.5798786687448E-12
rpunto1: = -1390225.3046213
rduepunti0 : = -1.0449768841948E+25
fil : = 488.48113568957
fipunto1 : = 5.9468817377819E+17
fi_gradi : = 27987.907446769
t1 : = 1.0809588839341E-14
tpunto1 : = 1.0003788638718
tduepunti0 : = 3.7378428945191E+14
v=v_elettrone : = 3057208.5549972
x0= : -1.6755403197116E-13
y0= : -4.5769756847197E-12
*****
i=35351
k(35351)=0.99998922870181
kQ(35351)=0.99997845751963
r1= : 4.5797156249376E-12
rpunto1: = -1391450.920256
rduepunti0 : = -1.0450454382524E+25
fil : = 488.48120543382
fipunto1 : = 5.9473051560903E+17
fi_gradi : = 27987.911442821
t1 : = 1.0809588956664E-14
tpunto1 : = 1.0003789077506
tduepunti0 : = 3.7414072454783E+14
v=v_elettrone : = 3057851.7850597
x0= : -1.6722888841955E-13
y0= : -4.5768245672411E-12
*****
i=35352
k(35352)=0.99998920971698
kQ(35352)=0.9999784195504
r1= : 4.5795524373919E-12
rpunto1: = -1392676.6163689
rduepunti0 : = -1.0451140595057E+25
fil : = 488.48127518304
fipunto1 : = 5.9477289929447E+17
fi_gradi : = 27987.915439157
t1 : = 1.0809589073987E-14
tpunto1 : = 1.0003789516711
tduepunti0 : = 3.7449725462729E+14
v=v_elettrone : = 3058495.4921464
x0= : -1.6690373881804E-13
y0= : -4.5766732838675E-12
```

```
*****
i=35353
k(35353)=0.9999891907142
kQ(35353)=0.99997838154523
r1= : 4.5793891060981E-12
rpunto1 : = -1393902.3930386
rduepunti0 : = -1.0451827479771E+25
fil : = 488.48134493722
fipunto1 : = 5.9481532484958E+17
fi_gradi : = 27987.919435777
t1 : = 1.0809589191311E-14
tpunto1 : = 1.0003789956335
tduepunti0 : = 3.7485387979534E+14
v=v_elettrone : = 3059139.6780355
x0= : -1.6657858317787E-13
y0= : -4.5765218345866E-12
*****
i=35354
k(35354)=0.99998917169344
kQ(35354)=0.99997834350413
r1= : 4.5792256310468E-12
rpunto1 : = -1395128.2503442
rduepunti0 : = -1.0452515036894E+25
fil : = 488.48141469639
fipunto1 : = 5.9485779228944E+17
fi_gradi : = 27987.923432683
t1 : = 1.0809589308634E-14
tpunto1 : = 1.0003790396377
tduepunti0 : = 3.7521060015709E+14
v=v_elettrone : = 3059784.3405579
x0= : -1.6625342151002E-13
y0= : -4.5763702193863E-12
*****
i=35355
k(35355)=0.9999891526547
kQ(35355)=0.99997830542707
r1= : 4.5790620122286E-12
rpunto1 : = -1396354.1883644
rduepunti0 : = -1.0453203266651E+25
fil : = 488.48148446053
fipunto1 : = 5.9490030162916E+17
fi_gradi : = 27987.927429874
t1 : = 1.0809589425957E-14
tpunto1 : = 1.0003790836837
tduepunti0 : = 3.7556741581771E+14
v=v_elettrone : = 3060429.4795
x0= : -1.6592825382573E-13
y0= : -4.5762184382543E-12
*****
i=35356
k(35356)=0.99998913359799
kQ(35356)=0.99997826731406
r1= : 4.5788982496339E-12
rpunto1 : = -1397580.2071783
rduepunti0 : = -1.045389216927E+25
fil : = 488.48155422966
fipunto1 : = 5.9494285288384E+17
fi_gradi : = 27987.931427351
t1 : = 1.080958954328E-14
tpunto1 : = 1.0003791277717
tduepunti0 : = 3.7592432688244E+14
v=v_elettrone : = 3061075.0966574
x0= : -1.6560308013626E-13
y0= : -4.5760664911782E-12
```

```
*****
i=35357
k(35357)=0.9999891145233
kQ(35357)=0.99997822916508
r1= : 4.5787343432534E-12
rpunto1 : = -1398806.3068646
rduepunti0 : = -1.0454581744977E+25
fil : = 488.48162400378
fipunto1 : = 5.9498544606863E+17
fi_gradi : = 27987.935425113
t1 : = 1.0809589660603E-14
tpunto1 : = 1.0003791719014
tduepunti0 : = 3.7628133345661E+14
v=v_elettrone : = 3061721.1898331
x0= : -1.6527790045262E-13
y0= : -4.5759143781459E-12
*****
i=35358
k(35358)=0.99998909543061
kQ(35358)=0.99997819098013
r1= : 4.5785702930775E-12
rpunto1 : = -1400032.4875025
rduepunti0 : = -1.0455271993999E+25
fil : = 488.4816937829
fipunto1 : = 5.9502808119867E+17
fi_gradi : = 27987.939423162
t1 : = 1.0809589777926E-14
tpunto1 : = 1.0003792160731
tduepunti0 : = 3.7663843564558E+14
v=v_elettrone : = 3062367.7608178
x0= : -1.6495271478609E-13
y0= : -4.5757620991451E-12
*****
i=35359
k(35359)=0.99998907631993
kQ(35359)=0.99997815275919
r1= : 4.5784060990967E-12
rpunto1 : = -1401258.7491709
rduepunti0 : = -1.0455962916563E+25
fil : = 488.48176356702
fipunto1 : = 5.9507075828914E+17
fi_gradi : = 27987.943421497
t1 : = 1.0809589895249E-14
tpunto1 : = 1.0003792602867
tduepunti0 : = 3.7699563355481E+14
v=v_elettrone : = 3063014.8074348
x0= : -1.646275231477E-13
y0= : -4.5756096541635E-12
*****
i=35360
k(35360)=0.99998905719126
kQ(35360)=0.99997811450226
r1= : 4.5782417613016E-12
rpunto1 : = -1402485.0919488
rduepunti0 : = -1.0456654512899E+25
fil : = 488.48183335614
fipunto1 : = 5.9511347735523E+17
fi_gradi : = 27987.947420119
t1 : = 1.0809590012573E-14
tpunto1 : = 1.0003793045421
tduepunti0 : = 3.773529272898E+14
v=v_elettrone : = 3063662.3314526
x0= : -1.6430232554875E-13
y0= : -4.5754570431887E-12
```

```
*****
i=35361
k(35361)=0.99998903804458
kQ(35361)=0.99997807620933
r1= : 4.5780772796826E-12
rpunto1 : = -1403711.5159153
rduepunti0 : = -1.0457346783233E+25
fil : = 488.48190315027
fipunto1 : = 5.9515623841214E+17
fi_gradi : = 27987.951419029
t1 : = 1.0809590129896E-14
tpunto1 : = 1.0003793488395
tduepunti0 : = 3.7771031695613E+14
v=v_elettrone : = 3064310.3326785
x0= : -1.6397712200028E-13
y0= : -4.5753042662086E-12
*****
i=35362
k(35362)=0.9999890188799
kQ(35362)=0.99997803788038
r1= : 4.5779126542302E-12
rpunto1 : = -1404938.0211493
rduepunti0 : = -1.0458039727793E+25
fil : = 488.48197294941
fipunto1 : = 5.9519904147509E+17
fi_gradi : = 27987.955418225
t1 : = 1.0809590247219E-14
tpunto1 : = 1.0003793931788
tduepunti0 : = 3.7806780265946E+14
v=v_elettrone : = 3064958.8089343
x0= : -1.6365191251337E-13
y0= : -4.5751513232107E-12
*****
i=35363
k(35363)=0.9999889996972
kQ(35363)=0.99997799951541
r1= : 4.5777478849349E-12
rpunto1 : = -1406164.6077302
rduepunti0 : = -1.0458733346809E+25
fil : = 488.48204275358
fipunto1 : = 5.9524188655932E+17
fi_gradi : = 27987.959417709
t1 : = 1.0809590364542E-14
tpunto1 : = 1.00037943756
tduepunti0 : = 3.784253845055E+14
v=v_elettrone : = 3065607.7600251
x0= : -1.6332669709933E-13
y0= : -4.5749982141828E-12
*****
i=35364
k(35364)=0.99998898049649
kQ(35364)=0.99997796111442
r1= : 4.5775829717871E-12
rpunto1 : = -1407391.2757368
rduepunti0 : = -1.0459427640508E+25
fil : = 488.48211256277
fipunto1 : = 5.952847736801E+17
fi_gradi : = 27987.963417481
t1 : = 1.0809590481865E-14
tpunto1 : = 1.0003794819832
tduepunti0 : = 3.7878306260003E+14
v=v_elettrone : = 3066257.1896893
x0= : -1.6300147576952E-13
y0= : -4.5748449391124E-12
```

```
*****
i=35365
k(35365)=0.99998896127776
kQ(35365)=0.99997792267738
r1= : 4.5774179147773E-12
rpunto1 : = -1408618.0252485
rduepunti0 : = -1.0460122609121E+25
fil : = 488.48218237699
fipunto1 : = 5.953277028527E+17
fi_gradi : = 27987.967417541
t1 : = 1.0809590599189E-14
tpunto1 : = 1.0003795264483
tduepunti0 : = 3.791408370489E+14
v=v_elettrone : = 3066907.0937923
x0= : -1.6267624853475E-13
y0= : -4.5746914979873E-12
*****
i=35366
k(35366)=0.99998894204101
kQ(35366)=0.9999778842043
r1= : 4.5772527138959E-12
rpunto1 : = -1409844.8563444
rduepunti0 : = -1.0460818252875E+25
fil : = 488.48225219625
fipunto1 : = 5.9537067409241E+17
fi_gradi : = 27987.97141789
t1 : = 1.0809590716512E-14
tpunto1 : = 1.0003795709555
tduepunti0 : = 3.7949870795803E+14
v=v_elettrone : = 3067557.4740995
x0= : -1.623510154064E-13
y0= : -4.5745378907951E-12
*****
i=35367
k(35367)=0.99998892278622
kQ(35367)=0.99997784569515
r1= : 4.5770873691333E-12
rpunto1 : = -1411071.7691037
rduepunti0 : = -1.0461514572002E+25
fil : = 488.48232202054
fipunto1 : = 5.9541368741455E+17
fi_gradi : = 27987.975418527
t1 : = 1.0809590833835E-14
tpunto1 : = 1.0003796155046
tduepunti0 : = 3.7985667543342E+14
v=v_elettrone : = 3068208.3304158
x0= : -1.6202577639557E-13
y0= : -4.5743841175234E-12
*****
i=35368
k(35368)=0.9999889035134
kQ(35368)=0.99997780714994
r1= : 4.57692188048E-12
rpunto1 : = -1412298.7636056
rduepunti0 : = -1.0462211566729E+25
fil : = 488.48239184988
fipunto1 : = 5.9545674283443E+17
fi_gradi : = 27987.979419454
t1 : = 1.0809590951158E-14
tpunto1 : = 1.0003796600956
tduepunti0 : = 3.8021473958111E+14
v=v_elettrone : = 3068859.6605656
x0= : -1.6170053151338E-13
y0= : -4.5742301781598E-12
```

```
*****
i=35369
k(35369)=0.99998888422255
kQ(35369)=0.99997776856866
r1= : 4.5767562479264E-12
rpunto1 : = -1413525.8399294
rduepunti0 : = -1.0462909237289E+25
fil : = 488.48246168427
fipunto1 : = 5.9549984036742E+17
fi_gradi : = 27987.98342067
t1 : = 1.0809591068481E-14
tpunto1 : = 1.0003797047287
tduepunti0 : = 3.8057290050723E+14
v=v_elettrone : = 3069511.4682968
x0= : -1.6137528077124E-13
y0= : -4.5740760726919E-12
*****
i=35370
k(35370)=0.99998886491365
kQ(35370)=0.99997772995128
r1= : 4.5765904714629E-12
rpunto1 : = -1414752.9981544
rduepunti0 : = -1.046360758391E+25
fil : = 488.48253152371
fipunto1 : = 5.9554298002888E+17
fi_gradi : = 27987.987422175
t1 : = 1.0809591185805E-14
tpunto1 : = 1.0003797494038
tduepunti0 : = 3.8093115831796E+14
v=v_elettrone : = 3070163.7494626
x0= : -1.6105002418001E-13
y0= : -4.5739218011074E-12
*****
i=35371
k(35371)=0.9999888455867
kQ(35371)=0.99997769129782
r1= : 4.5764245510799E-12
rpunto1 : = -1415980.2383598
rduepunti0 : = -1.0464306606824E+25
fil : = 488.48260136821
fipunto1 : = 5.9558616183418E+17
fi_gradi : = 27987.99142397
t1 : = 1.0809591303128E-14
tpunto1 : = 1.000379794121
tduepunti0 : = 3.8128951311958E+14
v=v_elettrone : = 3070816.5078072
x0= : -1.6072476175112E-13
y0= : -4.5737673633937E-12
*****
i=35372
k(35372)=0.9999888262417
kQ(35372)=0.99997765260825
r1= : 4.5762584867678E-12
rpunto1 : = -1417207.5606251
rduepunti0 : = -1.046500630626E+25
fil : = 488.48267121778
fipunto1 : = 5.9562938579873E+17
fi_gradi : = 27987.995426055
t1 : = 1.0809591420451E-14
tpunto1 : = 1.0003798388802
tduepunti0 : = 3.8164796501841E+14
v=v_elettrone : = 3071469.7391909
x0= : -1.6039949349546E-13
y0= : -4.5736127595385E-12
```

```
*****
i=35373
k(35373)=0.99998880687864
kQ(35373)=0.99997761388257
r1= : 4.5760922785169E-12
rpunto1 : = -1418434.9650296
rduepunti0 : = -1.0465706682452E+25
fil : = 488.48274107242
fipunto1 : = 5.9567265193795E+17
fi_gradi : = 27987.999428431
t1 : = 1.0809591537774E-14
tpunto1 : = 1.0003798836814
tduepunti0 : = 3.8200651412084E+14
v=v_elettrone : = 3072123.4453851
x0= : -1.6007421942448E-13
y0= : -4.5734579895293E-12
*****
i=35374
k(35374)=0.99998878749752
kQ(35374)=0.99997757512076
r1= : 4.5759259263176E-12
rpunto1 : = -1419662.4516528
rduepunti0 : = -1.0466407735629E+25
fil : = 488.48281093213
fipunto1 : = 5.9571596026727E+17
fi_gradi : = 27988.003431098
t1 : = 1.0809591655098E-14
tpunto1 : = 1.0003799285247
tduepunti0 : = 3.8236516053335E+14
v=v_elettrone : = 3072777.6261921
x0= : -1.5974893954935E-13
y0= : -4.5733030533538E-12
*****
i=35375
k(35375)=0.99998876809834
kQ(35375)=0.99997753632283
r1= : 4.5757594301603E-12
rpunto1 : = -1420890.0205739
rduepunti0 : = -1.0467109466023E+25
fil : = 488.48288079692
fipunto1 : = 5.9575931080215E+17
fi_gradi : = 27988.007434055
t1 : = 1.0809591772421E-14
tpunto1 : = 1.00037997341
tduepunti0 : = 3.8272390436246E+14
v=v_elettrone : = 3073432.2814107
x0= : -1.5942365388126E-13
y0= : -4.5731479509993E-12
*****
i=35376
k(35376)=0.99998874868108
kQ(35376)=0.99997749748875
r1= : 4.5755927900353E-12
rpunto1 : = -1422117.6718725
rduepunti0 : = -1.0467811873866E+25
fil : = 488.48295066679
fipunto1 : = 5.9580270355805E+17
fi_gradi : = 27988.011437304
t1 : = 1.0809591889744E-14
tpunto1 : = 1.0003800183375
tduepunti0 : = 3.8308274571478E+14
v=v_elettrone : = 3074087.4128021
x0= : -1.5909836243144E-13
y0= : -4.5729926824534E-12
```



```
*****
i=35377
k(35377)=0.99998872924575
kQ(35377)=0.99997745861852
r1= : 4.575426005933E-12
rpunto1 : = -1423345.4056281
rduepunti0 : = -1.0468514959391E+25
fil : = 488.48302054175
fipunto1 : = 5.9584613855047E+17
fi_gradi : = 27988.015440845
t1 : = 1.0809592007067E-14
tpunto1 : = 1.000380063307
tduepunti0 : = 3.8344168469698E+14
v=v_elettrone : = 3074743.0162474
x0= : -1.5877306521082E-13
y0= : -4.5728372477038E-12
*****
i=35378
k(35378)=0.99998870979233
kQ(35378)=0.99997741971214
r1= : 4.5752590778437E-12
rpunto1 : = -1424573.2219201
rduepunti0 : = -1.0469218722829E+25
fil : = 488.48309042181
fipunto1 : = 5.9588961579491E+17
fi_gradi : = 27988.019444677
t1 : = 1.0809592124391E-14
tpunto1 : = 1.0003801083187
tduepunti0 : = 3.838007214158E+14
v=v_elettrone : = 3075399.0954628
x0= : -1.5844776223089E-13
y0= : -4.5726816467377E-12
*****
i=35379
k(35379)=0.99998869032084
kQ(35379)=0.99997738076958
r1= : 4.5750920057577E-12
rpunto1 : = -1425801.1208281
rduepunti0 : = -1.0469923164414E+25
fil : = 488.48316030696
fipunto1 : = 5.959331353069E+17
fi_gradi : = 27988.023448802
t1 : = 1.0809592241714E-14
tpunto1 : = 1.0003801533724
tduepunti0 : = 3.8415985597806E+14
v=v_elettrone : = 3076055.6463343
x0= : -1.5812245350264E-13
y0= : -4.5725258795429E-12
*****
i=35380
k(35380)=0.99998867083125
kQ(35380)=0.99997734179085
r1= : 4.5749247896653E-12
rpunto1 : = -1427029.1024316
rduepunti0 : = -1.0470628284378E+25
fil : = 488.48323019722
fipunto1 : = 5.9597669710198E+17
fi_gradi : = 27988.027453218
t1 : = 1.0809592359037E-14
tpunto1 : = 1.0003801984683
tduepunti0 : = 3.8451908849064E+14
v=v_elettrone : = 3076712.6725837
x0= : -1.5779713903757E-13
y0= : -4.5723699461066E-12
```

```
*****
i=35381
k(35381)=0.99998865132357
kQ(35381)=0.99997730277593
r1= : 4.5747574295568E-12
rpunto1 : = -1428257.1668103
rduepunti0 : = -1.0471334082955E+25
fil : = 488.48330009259
fipunto1 : = 5.9602030119572E+17
fi_gradi : = 27988.031457928
t1 : = 1.080959247636E-14
tpunto1 : = 1.0003802436064
tduepunti0 : = 3.8487841906047E+14
v=v_elettrone : = 3077370.174009
x0= : -1.5747181884667E-13
y0= : -4.5722138464165E-12
*****
i=35382
k(35382)=0.99998863179779
kQ(35382)=0.99997726372482
r1= : 4.5745899254225E-12
rpunto1 : = -1429485.3140438
rduepunti0 : = -1.0472040560378E+25
fil : = 488.48336999307
fipunto1 : = 5.9606394760368E+17
fi_gradi : = 27988.035462931
t1 : = 1.0809592593684E-14
tpunto1 : = 1.0003802887865
tduepunti0 : = 3.8523784779459E+14
v=v_elettrone : = 3078028.1464911
x0= : -1.5714649294096E-13
y0= : -4.57205758046E-12
*****
i=35383
k(35383)=0.99998861225391
kQ(35383)=0.99997722463749
r1= : 4.5744222772527E-12
rpunto1 : = -1430713.5442116
rduepunti0 : = -1.0472747716881E+25
fil : = 488.48343989868
fipunto1 : = 5.9610763634148E+17
fi_gradi : = 27988.039468227
t1 : = 1.0809592711007E-14
tpunto1 : = 1.0003803340089
tduepunti0 : = 3.8559737480007E+14
v=v_elettrone : = 3078686.5937564
x0= : -1.5682116133197E-13
y0= : -4.5719011482244E-12
*****
i=35384
k(35384)=0.99998859269192
kQ(35384)=0.99997718551396
r1= : 4.5742544850378E-12
rpunto1 : = -1431941.8573935
rduepunti0 : = -1.0473455552697E+25
fil : = 488.4835098094
fipunto1 : = 5.9615136742471E+17
fi_gradi : = 27988.043473816
t1 : = 1.080959282833E-14
tpunto1 : = 1.0003803792734
tduepunti0 : = 3.8595700018408E+14
v=v_elettrone : = 3079345.5136327
x0= : -1.5649582403073E-13
y0= : -4.5717445496973E-12
```

```
*****
i=35385
k(35385)=0.99998857311181
kQ(35385)=0.9999771463542
r1= : 4.5740865487678E-12
rpunto1 : = -1433170.2536691
rduepunti0 : = -1.0474164068061E+25
fil : = 488.48357972525
fipunto1 : = 5.9619514086902E+17
fi_gradi : = 27988.047479699
t1 : = 1.0809592945654E-14
tpunto1 : = 1.0003804245802
tduepunti0 : = 3.8631672405385E+14
v=v_elettrone : = 3080004.9059303
x0= : -1.5617048104854E-13
y0= : -4.5715877848661E-12
*****
i=35386
k(35386)=0.99998855351359
kQ(35386)=0.9999771071582
r1= : 4.5739184684331E-12
rpunto1 : = -1434398.7331182
rduepunti0 : = -1.0474873263208E+25
fil : = 488.48364964624
fipunto1 : = 5.9623895669005E+17
fi_gradi : = 27988.051485877
t1 : = 1.0809593062977E-14
tpunto1 : = 1.0003804699291
tduepunti0 : = 3.8667654651666E+14
v=v_elettrone : = 3080664.7724149
x0= : -1.5584513239671E-13
y0= : -4.5714308537182E-12
*****
i=35387
k(35387)=0.99998853389725
kQ(35387)=0.99997706792596
r1= : 4.573750244024E-12
rpunto1 : = -1435627.2958206
rduepunti0 : = -1.0475583138372E+25
fil : = 488.48371957237
fipunto1 : = 5.9628281490348E+17
fi_gradi : = 27988.055492349
t1 : = 1.08095931803E-14
tpunto1 : = 1.0003805153202
tduepunti0 : = 3.8703646767989E+14
v=v_elettrone : = 3081325.1128813
x0= : -1.555197780863E-13
y0= : -4.571273756241E-12
*****
i=35388
k(35388)=0.99998851426278
kQ(35388)=0.99997702865747
r1= : 4.5735818755306E-12
rpunto1 : = -1436855.941856
rduepunti0 : = -1.0476293693788E+25
fil : = 488.48378950364
fipunto1 : = 5.9632671552499E+17
fi_gradi : = 27988.059499115
t1 : = 1.0809593297624E-14
tpunto1 : = 1.0003805607536
tduepunti0 : = 3.8739648765097E+14
v=v_elettrone : = 3081985.923209
x0= : -1.5519441812838E-13
y0= : -4.5711164924219E-12
```

```
*****
i=35389
k(35389)=0.99998849461017
kQ(35389)=0.99997698935272
r1= : 4.5734133629432E-12
rpunto1 : = -1438084.6713042
rduepunti0 : = -1.0477004929692E+25
fil : = 488.48385944005
fipunto1 : = 5.9637065857028E+17
fi_gradi : = 27988.063506177
t1 : = 1.0809593414947E-14
tpunto1 : = 1.0003806062292
tduepunti0 : = 3.8775660653741E+14
v=v_elettrone : = 3082647.2090833
x0= : -1.5486905253456E-13
y0= : -4.5709590622482E-12
*****
i=35390
k(35390)=0.99998847493944
kQ(35390)=0.9999769500117
r1= : 4.5732447062521E-12
rpunto1 : = -1439313.484245
rduepunti0 : = -1.0477716846319E+25
fil : = 488.48392938162
fipunto1 : = 5.9641464405508E+17
fi_gradi : = 27988.067513534
t1 : = 1.080959353227E-14
tpunto1 : = 1.000380651747
tduepunti0 : = 3.8811682444678E+14
v=v_elettrone : = 3083308.964419
x0= : -1.5454368131566E-13
y0= : -4.5708014657074E-12
*****
i=35391
k(35391)=0.99998845525056
kQ(35391)=0.99997691063439
r1= : 4.5730759054474E-12
rpunto1 : = -1440542.3807583
rduepunti0 : = -1.0478429443905E+25
fil : = 488.48399932836
fipunto1 : = 5.9645867199512E+17
fi_gradi : = 27988.071521186
t1 : = 1.0809593649594E-14
tpunto1 : = 1.0003806973071
tduepunti0 : = 3.8847714148674E+14
v=v_elettrone : = 3083971.1949041
x0= : -1.5421830448332E-13
y0= : -4.5706437027869E-12
*****
i=35392
k(35392)=0.99998843554353
kQ(35392)=0.9999768712208
r1= : 4.5729069605193E-12
rpunto1 : = -1441771.3609241
rduepunti0 : = -1.0479142722686E+25
fil : = 488.48406928025
fipunto1 : = 5.9650274240617E+17
fi_gradi : = 27988.075529134
t1 : = 1.0809593766917E-14
tpunto1 : = 1.0003807429094
tduepunti0 : = 3.88837557765E+14
v=v_elettrone : = 3084633.896413
x0= : -1.5389292204837E-13
y0= : -4.5704857734738E-12
```

```
*****
i=35393
k(35393)=0.99998841581836
kQ(35393)=0.9999768317709
r1= : 4.572737871458E-12
rpunto1 : = -1443000.4248222
rduepunti0 : = -1.0479856682899E+25
fil : = 488.48413923731
fipunto1 : = 5.96546855304E+17
fi_gradi : = 27988.079537379
t1 : = 1.080959388424E-14
tpunto1 : = 1.0003807885541
tduepunti0 : = 3.8919807338934E+14
v=v_elettrone : = 3085297.0687535
x0= : -1.5356753402222E-13
y0= : -4.5703276777557E-12
*****
i=35394
k(35394)=0.99998839607502
kQ(35394)=0.9999767922847
r1= : 4.5725686382537E-12
rpunto1 : = -1444229.5725325
rduepunti0 : = -1.048057132478E+25
fil : = 488.48420919955
fipunto1 : = 5.9659101070441E+17
fi_gradi : = 27988.08354592
t1 : = 1.0809594001564E-14
tpunto1 : = 1.000380834241
tduepunti0 : = 3.8955868846763E+14
v=v_elettrone : = 3085960.7156457
x0= : -1.5324214041624E-13
y0= : -4.5701694156198E-12
*****
i=35395
k(35395)=0.99998837631353
kQ(35395)=0.99997675276218
r1= : 4.5723992608965E-12
rpunto1 : = -1445458.8041351
rduepunti0 : = -1.0481286648566E+25
fil : = 488.48427916696
fipunto1 : = 5.9663520862321E+17
fi_gradi : = 27988.087554757
t1 : = 1.0809594118887E-14
tpunto1 : = 1.0003808799703
tduepunti0 : = 3.8991940310779E+14
v=v_elettrone : = 3086624.8310044
x0= : -1.5291674124134E-13
y0= : -4.5700109870534E-12
*****
i=35396
k(35396)=0.99998835653388
kQ(35396)=0.99997671320333
r1= : 4.5722297393767E-12
rpunto1 : = -1446688.1197099
rduepunti0 : = -1.0482002654494E+25
fil : = 488.48434913956
fipunto1 : = 5.9667944907623E+17
fi_gradi : = 27988.091563892
t1 : = 1.080959423621E-14
tpunto1 : = 1.0003809257418
tduepunti0 : = 3.9028021741782E+14
v=v_elettrone : = 3087289.4205153
x0= : -1.5259133650918E-13
y0= : -4.5698523920439E-12
```

```
*****
i=35397
k(35397)=0.99998833673605
kQ(35397)=0.99997667360814
r1= : 4.5720600736844E-12
rpunto1 : = -1447917.519337
rduepunti0 : = -1.0482719342801E+25
fil : = 488.48441911734
fipunto1 : = 5.9672373207931E+17
fi_gradi : = 27988.095573324
t1 : = 1.0809594353534E-14
tpunto1 : = 1.0003809715557
tduepunti0 : = 3.906411315058E+14
v=v_elettrone : = 3087954.4800587
x0= : -1.5226592623067E-13
y0= : -4.5696936305785E-12
*****
i=35398
k(35398)=0.99998831692006
kQ(35398)=0.99997663397661
r1= : 4.5718902638097E-12
rpunto1 : = -1449147.0030964
rduepunti0 : = -1.0483436713727E+25
fil : = 488.48448910032
fipunto1 : = 5.9676805764834E+17
fi_gradi : = 27988.099583053
t1 : = 1.0809594470857E-14
tpunto1 : = 1.0003810174119
tduepunti0 : = 3.9100214547986E+14
v=v_elettrone : = 3088620.0133553
x0= : -1.5194051041724E-13
y0= : -4.5695347026446E-12
*****
i=35399
k(35399)=0.99998829708588
kQ(35399)=0.99997659430872
r1= : 4.5717203097427E-12
rpunto1 : = -1450376.5710682
rduepunti0 : = -1.0484154767507E+25
fil : = 488.4845590885
fipunto1 : = 5.9681242579918E+17
fi_gradi : = 27988.10359308
t1 : = 1.080959458818E-14
tpunto1 : = 1.0003810633105
tduepunti0 : = 3.9136325944821E+14
v=v_elettrone : = 3089286.0162914
x0= : -1.5161508907984E-13
y0= : -4.5693756082293E-12
*****
i=35400
k(35400)=0.99998827723352
kQ(35400)=0.99997655460446
r1= : 4.5715502114736E-12
rpunto1 : = -1451606.2233326
rduepunti0 : = -1.0484873504381E+25
fil : = 488.48462908188
fipunto1 : = 5.9685683654775E+17
fi_gradi : = 27988.107603405
t1 : = 1.0809594705504E-14
tpunto1 : = 1.0003811092514
tduepunti0 : = 3.9172447351914E+14
v=v_elettrone : = 3089952.4906128
x0= : -1.5128966222991E-13
y0= : -4.56921634732E-12
```

```
*****
i=35401
k(35401)=0.99998825736297
kQ(35401)=0.99997651486383
r1= : 4.5713799689925E-12
rpunto1:= -1452835.9599696
rduepunti0 : = -1.0485592924587E+25
fil : = 488.48469908047
fipunto1 : = 5.9690128990996E+17
fi_gradi : = 27988.111614029
t1 : = 1.0809594822827E-14
tpunto1 : = 1.0003811552347
tduepunti0 : = 3.92085787801E+14
v=v_elettrone : = 3090619.4341836
x0= : -1.5096422987867E-13
y0= : -4.5690569199039E-12
*****
i=35402
k(35402)=0.99998823747423
kQ(35402)=0.99997647508681
r1= : 4.5712095822895E-12
rpunto1:= -1454065.7810594
rduepunti0 : = -1.0486313028364E+25
fil : = 488.48476908428
fipunto1 : = 5.9694578590177E+17
fi_gradi : = 27988.115624952
t1 : = 1.0809594940151E-14
tpunto1 : = 1.0003812012604
tduepunti0 : = 3.9244720240222E+14
v=v_elettrone : = 3091286.8507079
x0= : -1.506387920376E-13
y0= : -4.5688973259682E-12
*****
i=35403
k(35403)=0.99998821756729
kQ(35403)=0.9999764352734
r1= : 4.5710390513547E-12
rpunto1:= -1455295.6866823
rduepunti0 : = -1.0487033815951E+25
fil : = 488.4848390933
fipunto1 : = 5.9699032453911E+17
fi_gradi : = 27988.119636173
t1 : = 1.0809595057474E-14
tpunto1 : = 1.0003812473285
tduepunti0 : = 3.9280871743129E+14
v=v_elettrone : = 3091954.738029
x0= : -1.5031334871766E-13
y0= : -4.5687375655002E-12
*****
i=35404
k(35404)=0.99998819764214
kQ(35404)=0.99997639542358
r1= : 4.5708683761781E-12
rpunto1:= -1456525.6769184
rduepunti0 : = -1.0487755287587E+25
fil : = 488.48490910754
fipunto1 : = 5.9703490583798E+17
fi_gradi : = 27988.123647694
t1 : = 1.0809595174797E-14
tpunto1 : = 1.000381293439
tduepunti0 : = 3.9317033299678E+14
v=v_elettrone : = 3092623.0939936
x0= : -1.4998789993011E-13
y0= : -4.568577638487E-12
```

```
*****
i=35405
k(35405)=0.99998817769879
kQ(35405)=0.99997635553736
r1= : 4.5706975567499E-12
rpunto1: = -1457755.751848
rduepunti0 : = -1.0488477443512E+25
fil : = 488.48497912702
fipunto1 : = 5.9707952981436E+17
fi_gradi : = 27988.127659514
t1 : = 1.0809595292121E-14
tpunto1 : = 1.0003813395919
tduepunti0 : = 3.9353204920733E+14
v=v_elettrone : = 3093291.9223155
x0= : -1.4966244568645E-13
y0= : -4.568417544916E-12
*****
i=35406
k(35406)=0.99998815773723
kQ(35406)=0.9999763156147
r1= : 4.5705265930602E-12
rpunto1: = -1458985.9115514
rduepunti0 : = -1.0489200283965E+25
fil : = 488.48504915172
fipunto1 : = 5.9712419648426E+17
fi_gradi : = 27988.131671634
t1 : = 1.0809595409444E-14
tpunto1 : = 1.0003813857873
tduepunti0 : = 3.9389386617166E+14
v=v_elettrone : = 3093961.2208396
x0= : -1.4933698599769E-13
y0= : -4.5682572847742E-12
*****
i=35407
k(35407)=0.99998813775745
kQ(35407)=0.99997627565562
r1= : 4.5703554850989E-12
rpunto1: = -1460216.1561089
rduepunti0 : = -1.0489923809188E+25
fil : = 488.48511918167
fipunto1 : = 5.9716890586373E+17
fi_gradi : = 27988.135684055
t1 : = 1.0809595526768E-14
tpunto1 : = 1.0003814320251
tduepunti0 : = 3.9425578399853E+14
v=v_elettrone : = 3094630.9874142
x0= : -1.490115208751E-13
y0= : -4.5680968580489E-12
*****
i=35408
k(35408)=0.99998811775945
kQ(35408)=0.99997623566009
r1= : 4.5701842328561E-12
rpunto1: = -1461446.4856008
rduepunti0 : = -1.0490648019419E+25
fil : = 488.48518921686
fipunto1 : = 5.972136579688E+17
fi_gradi : = 27988.139696775
t1 : = 1.0809595644091E-14
tpunto1 : = 1.0003814783054
tduepunti0 : = 3.9461780279681E+14
v=v_elettrone : = 3095301.2257542
x0= : -1.4868605033023E-13
y0= : -4.5679362647273E-12
```



```
*****
i=35409
k(35409)=0.99998809774322
kQ(35409)=0.99997619562811
r1= : 4.5700128363219E-12
rpunto1 : = -1462676.9001075
rduepunti0 : = -1.04913729149E+25
fil : = 488.4852592573
fipunto1 : = 5.9725845281555E+17
fi_gradi : = 27988.143709797
t1 : = 1.0809595761415E-14
tpunto1 : = 1.0003815246281
tduepunti0 : = 3.9497992267543E+14
v=v_elettrone : = 3095971.9336922
x0= : -1.4836057437411E-13
y0= : -4.5677755047964E-12
*****
i=35410
k(35410)=0.99998807770877
kQ(35410)=0.99997615555967
r1= : 4.5698412954863E-12
rpunto1 : = -1463907.3997094
rduepunti0 : = -1.0492098495872E+25
fil : = 488.48532930299
fipunto1 : = 5.9730329042005E+17
fi_gradi : = 27988.147723119
t1 : = 1.0809595878738E-14
tpunto1 : = 1.0003815709933
tduepunti0 : = 3.9534214374337E+14
v=v_elettrone : = 3096643.1110458
x0= : -1.4803509301806E-13
y0= : -4.5676145782434E-12
*****
i=35411
k(35411)=0.99998805765607
kQ(35411)=0.99997611545476
r1= : 4.5696696103393E-12
rpunto1 : = -1465137.9844869
rduepunti0 : = -1.0492824762575E+25
fil : = 488.48539935394
fipunto1 : = 5.9734817079842E+17
fi_gradi : = 27988.151736743
t1 : = 1.0809595996061E-14
tpunto1 : = 1.000381617401
tduepunti0 : = 3.9570446610972E+14
v=v_elettrone : = 3097314.7595623
x0= : -1.4770960627339E-13
y0= : -4.5674534850556E-12
*****
i=35412
k(35412)=0.99998803758513
kQ(35412)=0.99997607531337
r1= : 4.5694977808709E-12
rpunto1 : = -1466368.6545205
rduepunti0 : = -1.0493551715252E+25
fil : = 488.48546941015
fipunto1 : = 5.9739309396678E+17
fi_gradi : = 27988.155750668
t1 : = 1.0809596113385E-14
tpunto1 : = 1.0003816638512
tduepunti0 : = 3.9606688988361E+14
v=v_elettrone : = 3097986.8770825
x0= : -1.4738411415117E-13
y0= : -4.5672922252199E-12
```

```
*****
i=35413
k(35413)=0.99998801749595
kQ(35413)=0.99997603513549
r1= : 4.5693258070712E-12
rpunto1 : = -1467599.4098906
rduepunti0 : = -1.0494279354144E+25
fil : = 488.48553947163
fipunto1 : = 5.9743805994126E+17
fi_gradi : = 27988.159764896
t1 : = 1.0809596230708E-14
tpunto1 : = 1.0003817103439
tduepunti0 : = 3.9642941517427E+14
v=v_elettrone : = 3098659.4614748
x0= : -1.4705861666274E-13
y0= : -4.5671307987236E-12
*****
i=35414
k(35414)=0.99998799738852
kQ(35414)=0.9999759949211
r1= : 4.56915368893E-12
rpunto1 : = -1468830.2506778
rduepunti0 : = -1.0495007679493E+25
fil : = 488.48560953839
fipunto1 : = 5.9748306873803E+17
fi_gradi : = 27988.163779425
t1 : = 1.0809596348032E-14
tpunto1 : = 1.0003817568792
tduepunti0 : = 3.9679204209096E+14
v=v_elettrone : = 3099332.5183812
x0= : -1.467331138197E-13
y0= : -4.5669692055536E-12
*****
i=35415
k(35415)=0.99998797726283
kQ(35415)=0.99997595467021
r1= : 4.5689814264375E-12
rpunto1 : = -1470061.1769625
rduepunti0 : = -1.0495736691541E+25
fil : = 488.48567961042
fipunto1 : = 5.9752812037327E+17
fi_gradi : = 27988.167794257
t1 : = 1.0809596465355E-14
tpunto1 : = 1.000381803457
tduepunti0 : = 3.9715477074306E+14
v=v_elettrone : = 3100006.0417492
x0= : -1.4640760563292E-13
y0= : -4.5668074456972E-12
*****
i=35416
k(35416)=0.99998795711889
kQ(35416)=0.9999759143828
r1= : 4.5688090195836E-12
rpunto1 : = -1471292.1888254
rduepunti0 : = -1.0496466390532E+25
fil : = 488.48574968774
fipunto1 : = 5.9757321486316E+17
fi_gradi : = 27988.171809391
t1 : = 1.0809596582679E-14
tpunto1 : = 1.0003818500773
tduepunti0 : = 3.9751760124E+14
v=v_elettrone : = 3100680.0352935
x0= : -1.46082092114E-13
y0= : -4.5666455191414E-12
```

```
*****
i=35417
k(35417)=0.99998793695667
kQ(35417)=0.99997587405886
r1= : 4.5686364683581E-12
rpunto1 : = -1472523.286347
rduepunti0 : = -1.0497196776707E+25
fil : = 488.48581977034
fipunto1 : = 5.9761835222393E+17
fi_gradi : = 27988.175824829
t1 : = 1.0809596700002E-14
tpunto1 : = 1.0003818967402
tduepunti0 : = 3.9788053369128E+14
v=v_elettrone : = 3101354.4988036
x0= : -1.4575657327409E-13
y0= : -4.5664834258733E-12
*****
i=35418
k(35418)=0.99998791677619
kQ(35418)=0.99997583369838
r1= : 4.5684637727512E-12
rpunto1 : = -1473754.469608
rduepunti0 : = -1.0497927850309E+25
fil : = 488.48588985824
fipunto1 : = 5.9766353247181E+17
fi_gradi : = 27988.17984057
t1 : = 1.0809596817326E-14
tpunto1 : = 1.0003819434457
tduepunti0 : = 3.9824356820648E+14
v=v_elettrone : = 3102029.4301404
x0= : -1.4543104912431E-13
y0= : -4.5663211658799E-12
*****
i=35419
k(35419)=0.99998789657743
kQ(35419)=0.99997579330135
r1= : 4.5682909327527E-12
rpunto1 : = -1474985.738689
rduepunti0 : = -1.0498659611583E+25
fil : = 488.48595995144
fipunto1 : = 5.9770875562304E+17
fi_gradi : = 27988.183856614
t1 : = 1.0809596934649E-14
tpunto1 : = 1.0003819901938
tduepunti0 : = 3.9860670489524E+14
v=v_elettrone : = 3102704.8290986
x0= : -1.4510551967607E-13
y0= : -4.5661587391482E-12
*****
i=35420
k(35420)=0.99998787636039
kQ(35420)=0.99997575286777
r1= : 4.5681179483526E-12
rpunto1 : = -1476217.0936706
rduepunti0 : = -1.0499392060771E+25
fil : = 488.48603004994
fipunto1 : = 5.977540216939E+17
fi_gradi : = 27988.187872962
t1 : = 1.0809597051973E-14
tpunto1 : = 1.0003820369845
tduepunti0 : = 3.989699438673E+14
v=v_elettrone : = 3103380.6974351
x0= : -1.4477998494079E-13
y0= : -4.5659961456654E-12
```

```
*****
i=35421
k(35421)=0.99998785612507
kQ(35421)=0.99997571239762
r1= : 4.5679448195408E-12
rpunto1 : = -1477448.5346337
rduepunti0 : = -1.0500125198118E+25
fil : = 488.48610015375
fipunto1 : = 5.9779933070068E+17
fi_gradi : = 27988.191889615
t1 : = 1.0809597169296E-14
tpunto1 : = 1.0003820838177
tduepunti0 : = 3.9933328523245E+14
v=v_elettrone : = 3104057.0329924
x0= : -1.4445444492963E-13
y0= : -4.5658333854184E-12
*****
i=35422
k(35422)=0.99998783587146
kQ(35422)=0.99997567189089
r1= : 4.5677715463072E-12
rpunto1 : = -1478680.0616589
rduepunti0 : = -1.0500859023868E+25
fil : = 488.48617026288
fipunto1 : = 5.9784468265967E+17
fi_gradi : = 27988.195906572
t1 : = 1.080959728662E-14
tpunto1 : = 1.0003821306937
tduepunti0 : = 3.9969672910055E+14
v=v_elettrone : = 3104733.8375329
x0= : -1.4412889965403E-13
y0= : -4.5656704583943E-12
*****
i=35423
k(35423)=0.99998781559955
kQ(35423)=0.99997563134757
r1= : 4.5675981286417E-12
rpunto1 : = -1479911.6748269
rduepunti0 : = -1.0501593538265E+25
fil : = 488.48624037732
fipunto1 : = 5.9789007758722E+17
fi_gradi : = 27988.199923834
t1 : = 1.0809597403943E-14
tpunto1 : = 1.0003821776122
tduepunti0 : = 4.0006027558154E+14
v=v_elettrone : = 3105411.110857
x0= : -1.4380334912519E-13
y0= : -4.56550736458E-12
*****
i=35424
k(35424)=0.99998779530935
kQ(35424)=0.99997559076765
r1= : 4.5674245665342E-12
rpunto1 : = -1481143.3742187
rduepunti0 : = -1.0502328741554E+25
fil : = 488.48631049709
fipunto1 : = 5.9793551549965E+17
fi_gradi : = 27988.2039414
t1 : = 1.0809597521267E-14
tpunto1 : = 1.0003822245734
tduepunti0 : = 4.0042392478546E+14
v=v_elettrone : = 3106088.850809
x0= : -1.434777933543E-13
y0= : -4.5653441039625E-12
```

```
*****
i=35425
k(35425)=0.99998777500084
kQ(35425)=0.99997555015113
r1= : 4.5672508599747E-12
rpunto1 : = -1482375.1599149
rduepunti0 : = -1.050306463398E+25
fil : = 488.48638062218
fipunto1 : = 5.9798099641334E+17
fi_gradi : = 27988.207959272
t1 : = 1.080959763859E-14
tpunto1 : = 1.0003822715773
tduepunti0 : = 4.0078767682237E+14
v=v_elettrone : = 3106767.059149
x0= : -1.4315223235284E-13
y0= : -4.5651806765289E-12
*****
i=35426
k(35426)=0.99998775467402
kQ(35426)=0.99997550949799
r1= : 4.5670770089529E-12
rpunto1 : = -1483607.0319965
rduepunti0 : = -1.0503801215788E+25
fil : = 488.48645075261
fipunto1 : = 5.9802652034466E+17
fi_gradi : = 27988.21197745
t1 : = 1.0809597755914E-14
tpunto1 : = 1.0003823186238
tduepunti0 : = 4.0115153180245E+14
v=v_elettrone : = 3107445.7356727
x0= : -1.4282666613203E-13
y0= : -4.5650170822661E-12
*****
i=35427
k(35427)=0.99998773432889
kQ(35427)=0.99997546880823
r1= : 4.5669030134588E-12
rpunto1 : = -1484838.9905444
rduepunti0 : = -1.0504538487223E+25
fil : = 488.48652088838
fipunto1 : = 5.9807208731001E+17
fi_gradi : = 27988.215995933
t1 : = 1.0809597873237E-14
tpunto1 : = 1.000382365713
tduepunti0 : = 4.0151548983593E+14
v=v_elettrone : = 3108124.8801798
x0= : -1.425010947031E-13
y0= : -4.564853321161E-12
*****
i=35428
k(35428)=0.99998771396544
kQ(35428)=0.99997542808183
r1= : 4.5667288734821E-12
rpunto1 : = -1486071.0356393
rduepunti0 : = -1.0505276448533E+25
fil : = 488.4865910295
fipunto1 : = 5.9811769732581E+17
fi_gradi : = 27988.220014723
t1 : = 1.0809597990561E-14
tpunto1 : = 1.0003824128449
tduepunti0 : = 4.0187955103312E+14
v=v_elettrone : = 3108804.4905359
x0= : -1.4217551807731E-13
y0= : -4.5646893932006E-12
```

```
*****
i=35429
k(35429)=0.99998769358367
kQ(35429)=0.99997538731878
r1= : 4.5665545890129E-12
rpunto1 : = -1487303.1673624
rduepunti0 : = -1.0506015099961E+25
fil : = 488.48666117596
fipunto1 : = 5.9816335040849E+17
fi_gradi : = 27988.224033819
t1 : = 1.0809598107884E-14
tpunto1 : = 1.0003824600195
tduepunti0 : = 4.0224371550441E+14
v=v_elettrone : = 3109484.5684784
x0= : -1.4184993626615E-13
y0= : -4.5645252983719E-12
*****
i=35430
k(35430)=0.99998767318357
kQ(35430)=0.99997534651908
r1= : 4.5663801600408E-12
rpunto1 : = -1488535.3857945
rduepunti0 : = -1.0506754441756E+25
fil : = 488.48673132777
fipunto1 : = 5.9820904657452E+17
fi_gradi : = 27988.228053222
t1 : = 1.0809598225208E-14
tpunto1 : = 1.0003825072369
tduepunti0 : = 4.0260798336024E+14
v=v_elettrone : = 3110165.1138142
x0= : -1.4152434928091E-13
y0= : -4.5643610366617E-12
*****
i=35431
k(35431)=0.99998765276513
kQ(35431)=0.99997530568272
r1= : 4.5662055865558E-12
rpunto1 : = -1489767.6910166
rduepunti0 : = -1.0507494474163E+25
fil : = 488.48680148495
fipunto1 : = 5.9825478584036E+17
fi_gradi : = 27988.232072932
t1 : = 1.0809598342531E-14
tpunto1 : = 1.0003825544969
tduepunti0 : = 4.0297235471116E+14
v=v_elettrone : = 3110846.1263475
x0= : -1.4119875713286E-13
y0= : -4.5641966080569E-12
*****
i=35432
k(35432)=0.99998763232836
kQ(35432)=0.99997526480967
r1= : 4.5660308685476E-12
rpunto1 : = -1491000.0831098
rduepunti0 : = -1.0508235197429E+25
fil : = 488.48687164749
fipunto1 : = 5.983005682225E+17
fi_gradi : = 27988.23609295
t1 : = 1.0809598459855E-14
tpunto1 : = 1.0003826017997
tduepunti0 : = 4.0333682966776E+14
v=v_elettrone : = 3111527.603927
x0= : -1.408731598333E-13
y0= : -4.5640320125446E-12
```

```
*****
i=35433
k(35433)=0.99998761187324
kQ(35433)=0.99997522389995
r1= : 4.5658560060061E-12
rpunto1 : = -1492232.5621551
rduepunti0 : = -1.0508976611802E+25
fil : = 488.4869418154
fipunto1 : = 5.9834639373747E+17
fi_gradi : = 27988.240113275
t1 : = 1.0809598577179E-14
tpunto1 : = 1.0003826491453
tduepunti0 : = 4.0370140834073E+14
v=v_elettrone : = 3112209.5502589
x0= : -1.4054755739377E-13
y0= : -4.5638672501115E-12
*****
i=35434
k(35434)=0.99998759139977
kQ(35434)=0.99997518295352
r1= : 4.5656809989211E-12
rpunto1 : = -1493465.1282335
rduepunti0 : = -1.0509718717529E+25
fil : = 488.48701198868
fipunto1 : = 5.9839226240177E+17
fi_gradi : = 27988.244133908
t1 : = 1.0809598694502E-14
tpunto1 : = 1.0003826965337
tduepunti0 : = 4.0406609084082E+14
v=v_elettrone : = 3112891.9631818
x0= : -1.4022194982534E-13
y0= : -4.5637023207446E-12
*****
i=35435
k(35435)=0.99998757090796
kQ(35435)=0.9999751419704
r1= : 4.5655058472823E-12
rpunto1 : = -1494697.7814263
rduepunti0 : = -1.0510461514858E+25
fil : = 488.48708216734
fipunto1 : = 5.9843817423198E+17
fi_gradi : = 27988.248154849
t1 : = 1.0809598811826E-14
tpunto1 : = 1.0003827439648
tduepunti0 : = 4.0443087727886E+14
v=v_elettrone : = 3113574.840572
x0= : -1.3989633713933E-13
y0= : -4.5635372244306E-12
*****
i=35436
k(35436)=0.99998755039778
kQ(35436)=0.99997510095055
r1= : 4.5653305510796E-12
rpunto1 : = -1495930.5218145
rduepunti0 : = -1.0511205004036E+25
fil : = 488.48715235139
fipunto1 : = 5.9848412924464E+17
fi_gradi : = 27988.252176099
t1 : = 1.0809598929149E-14
tpunto1 : = 1.0003827914387
tduepunti0 : = 4.0479576776574E+14
v=v_elettrone : = 3114258.1861069
x0= : -1.3957071934734E-13
y0= : -4.5633719611566E-12
```

```
*****
i=35437
k(35437)=0.99998752986924
kQ(35437)=0.99997505989399
r1= : 4.5651551103027E-12
rpunto1 : = -1497163.3494793
rduepunti0 : = -1.0511949185313E+25
fil : = 488.48722254083
fipunto1 : = 5.9853012745635E+17
fi_gradi : = 27988.256197657
t1 : = 1.0809599046473E-14
tpunto1 : = 1.0003828389554
tduepunti0 : = 4.0516076241246E+14
v=v_elettrone : = 3114941.9976495
x0= : -1.3924509646044E-13
y0= : -4.5632065309092E-12
*****
i=35438
k(35438)=0.99998750932233
kQ(35438)=0.99997501880068
r1= : 4.5649795249413E-12
rpunto1 : = -1498396.264502
rduepunti0 : = -1.0512694058936E+25
fil : = 488.48729273566
fipunto1 : = 5.9857616888371E+17
fi_gradi : = 27988.260219525
t1 : = 1.0809599163796E-14
tpunto1 : = 1.000382886515
tduepunti0 : = 4.0552586133005E+14
v=v_elettrone : = 3115626.2750012
x0= : -1.3891946848999E-13
y0= : -4.5630409336754E-12
*****
i=35439
k(35439)=0.99998748875705
kQ(35439)=0.99997497767064
r1= : 4.5648037949853E-12
rpunto1 : = -1499629.2669636
rduepunti0 : = -1.0513439625154E+25
fil : = 488.48736293589
fipunto1 : = 5.9862225354334E+17
fi_gradi : = 27988.264241702
t1 : = 1.080959928112E-14
tpunto1 : = 1.0003829341173
tduepunti0 : = 4.0589106462964E+14
v=v_elettrone : = 3116311.0179697
x0= : -1.3859383544738E-13
y0= : -4.5628751694419E-12
*****
i=35440
k(35440)=0.9999874681734
kQ(35440)=0.99997493650384
r1= : 4.5646279204244E-12
rpunto1 : = -1500862.3569456
rduepunti0 : = -1.0514185884216E+25
fil : = 488.48743314152
fipunto1 : = 5.9866838145189E+17
fi_gradi : = 27988.268264188
t1 : = 1.0809599398444E-14
tpunto1 : = 1.0003829817626
tduepunti0 : = 4.0625637242245E+14
v=v_elettrone : = 3116996.2282893
x0= : -1.3826819734396E-13
y0= : -4.5627092381956E-12
```



```
*****
i=35441
k(35441)=0.99998744757136
kQ(35441)=0.99997489530028
r1= : 4.5644519012483E-12
rpunto1 : = -1502095.5345291
rduepunti0 : = -1.0514932836373E+25
fil : = 488.48750335257
fipunto1 : = 5.9871455262601E+17
fi_gradi : = 27988.272286985
t1 : = 1.0809599515767E-14
tpunto1 : = 1.0003830294506
tduepunti0 : = 4.0662178481973E+14
v=v_elettrone : = 3117681.9018863
x0= : -1.3794255419088E-13
y0= : -4.5625431399233E-12
*****
i=35442
k(35442)=0.99998742695093
kQ(35442)=0.99997485405994
r1= : 4.5642757374468E-12
rpunto1 : = -1503328.7997955
rduepunti0 : = -1.0515680481873E+25
fil : = 488.48757356903
fipunto1 : = 5.9876076708238E+17
fi_gradi : = 27988.276310092
t1 : = 1.0809599633091E-14
tpunto1 : = 1.0003830771816
tduepunti0 : = 4.0698730193284E+14
v=v_elettrone : = 3118368.0424432
x0= : -1.376169059998E-13
y0= : -4.5623768746118E-12
*****
i=35443
k(35443)=0.99998740631211
kQ(35443)=0.99997481278281
r1= : 4.5640994290095E-12
rpunto1 : = -1504562.1528261
rduepunti0 : = -1.0516428820966E+25
fil : = 488.48764379091
fipunto1 : = 5.9880702483771E+17
fi_gradi : = 27988.280333509
t1 : = 1.0809599750414E-14
tpunto1 : = 1.0003831249554
tduepunti0 : = 4.0735292387322E+14
v=v_elettrone : = 3119054.6478285
x0= : -1.3729125278187E-13
y0= : -4.5622104422478E-12
*****
i=35444
k(35444)=0.99998738565489
kQ(35444)=0.9999747714689
r1= : 4.5639229759262E-12
rpunto1 : = -1505795.5937024
rduepunti0 : = -1.0517177853902E+25
fil : = 488.48771401822
fipunto1 : = 5.9885332590871E+17
fi_gradi : = 27988.284357237
t1 : = 1.0809599867738E-14
tpunto1 : = 1.0003831727721
tduepunti0 : = 4.0771865075235E+14
v=v_elettrone : = 3119741.7197656
x0= : -1.3696559454852E-13
y0= : -4.5620438428181E-12
```

```
*****
i=35445
k(35445)=0.99998736497927
kQ(35445)=0.99997473011818
r1= : 4.5637463781865E-12
rpunto1 : = -1507029.1225056
rduepunti0 : = -1.0517927580933E+25
fil : = 488.48778425095
fipunto1 : = 5.988996703121E+17
fi_gradi : = 27988.288381277
t1 : = 1.0809599985062E-14
tpunto1 : = 1.0003832206317
tduepunti0 : = 4.0808448268182E+14
v=v_elettrone : = 3120429.2542011
x0= : -1.3663993131092E-13
y0= : -4.5618770763095E-12
*****
i=35446
k(35446)=0.99998734428524
kQ(35446)=0.99997468873064
r1= : 4.5635696357802E-12
rpunto1 : = -1508262.7393173
rduepunti0 : = -1.0518678002308E+25
fil : = 488.48785448912
fipunto1 : = 5.9894605806466E+17
fi_gradi : = 27988.292405627
t1 : = 1.0809600102385E-14
tpunto1 : = 1.0003832685343
tduepunti0 : = 4.0845041977327E+14
v=v_elettrone : = 3121117.2567395
x0= : -1.3631426308078E-13
y0= : -4.5617101427087E-12
*****
i=35447
k(35447)=0.9999873235728
kQ(35447)=0.99997464730628
r1= : 4.563392748697E-12
rpunto1 : = -1509496.4442189
rduepunti0 : = -1.0519429118279E+25
fil : = 488.48792473273
fipunto1 : = 5.9899248918315E+17
fi_gradi : = 27988.29643029
t1 : = 1.0809600219709E-14
tpunto1 : = 1.0003833164797
tduepunti0 : = 4.0881646213844E+14
v=v_elettrone : = 3121805.7213739
x0= : -1.3598858986904E-13
y0= : -4.5615430420024E-12
*****
i=35448
k(35448)=0.99998730284194
kQ(35448)=0.99997460584509
r1= : 4.5632157169264E-12
rpunto1 : = -1510730.2372919
rduepunti0 : = -1.0520180929097E+25
fil : = 488.48799498179
fipunto1 : = 5.9903896368436E+17
fi_gradi : = 27988.300455264
t1 : = 1.0809600337033E-14
tpunto1 : = 1.0003833644681
tduepunti0 : = 4.0918260988913E+14
v=v_elettrone : = 3122494.6517809
x0= : -1.3566291168742E-13
y0= : -4.5613757741774E-12
```

```
*****
i=35449
k(35449)=0.99998728209266
kQ(35449)=0.99997456434706
r1= : 4.5630385404582E-12
rpunto1 : = -1511964.1186178
rduepunti0 : = -1.0520933435013E+25
fil : = 488.4880652363
fipunto1 : = 5.9908548158511E+17
fi_gradi : = 27988.304480551
t1 : = 1.0809600454356E-14
tpunto1 : = 1.0003834124995
tduepunti0 : = 4.0954886313722E+14
v=v_elettrone : = 3123184.0477673
x0= : -1.3533722854716E-13
y0= : -4.5612083392203E-12
*****
i=35450
k(35450)=0.99998726132495
kQ(35450)=0.99997452281216
r1= : 4.562861219282E-12
rpunto1 : = -1513198.0882781
rduepunti0 : = -1.052168663628E+25
fil : = 488.48813549626
fipunto1 : = 5.9913204290222E+17
fi_gradi : = 27988.30850615
t1 : = 1.080960057168E-14
tpunto1 : = 1.0003834605738
tduepunti0 : = 4.0991522199466E+14
v=v_elettrone : = 3123873.9071873
x0= : -1.3501154045948E-13
y0= : -4.561040737118E-12
*****
i=35451
k(35451)=0.9999872405388
kQ(35451)=0.99997448124041
r1= : 4.5626837533874E-12
rpunto1 : = -1514432.1463545
rduepunti0 : = -1.052244053315E+25
fil : = 488.48820576168
fipunto1 : = 5.9917864765255E+17
fi_gradi : = 27988.312532063
t1 : = 1.0809600689004E-14
tpunto1 : = 1.0003835086911
tduepunti0 : = 4.1028168657348E+14
v=v_elettrone : = 3124564.2317959
x0= : -1.3468584743589E-13
y0= : -4.5608729678569E-12
*****
i=35452
k(35452)=0.99998721973422
kQ(35452)=0.99997443963178
r1= : 4.5625061427642E-12
rpunto1 : = -1515666.2929286
rduepunti0 : = -1.0523195125874E+25
fil : = 488.48827603257
fipunto1 : = 5.9922529585295E+17
fi_gradi : = 27988.316558288
t1 : = 1.0809600806327E-14
tpunto1 : = 1.0003835568514
tduepunti0 : = 4.1064825698578E+14
v=v_elettrone : = 3125255.0194481
x0= : -1.3436014948765E-13
y0= : -4.5607050314239E-12
```

```
*****
i=35453
k(35453)=0.9999871989112
kQ(35453)=0.99997439798627
r1= : 4.5623283874018E-12
rpunto1 : = -1516900.5280819
rduepunti0 : = -1.0523950414706E+25
fil : = 488.48834630893
fipunto1 : = 5.9927198752032E+17
fi_gradi : = 27988.320584827
t1 : = 1.0809600923651E-14
tpunto1 : = 1.0003836050547
tduepunti0 : = 4.1101493334376E+14
v=v_elettrone : = 3125946.2738206
x0= : -1.3403444662628E-13
y0= : -4.5605369278056E-12
*****
i=35454
k(35454)=0.99998717806973
kQ(35454)=0.99997435630386
r1= : 4.56215048729E-12
rpunto1 : = -1518134.8518962
rduepunti0 : = -1.0524706399899E+25
fil : = 488.48841659077
fipunto1 : = 5.9931872267157E+17
fi_gradi : = 27988.324611679
t1 : = 1.0809601040975E-14
tpunto1 : = 1.000383653301
tduepunti0 : = 4.1138171575967E+14
v=v_elettrone : = 3126637.9889176
x0= : -1.337087388628E-13
y0= : -4.5603686569886E-12
*****
i=35455
k(35455)=0.99998715720981
kQ(35455)=0.99997431458455
r1= : 4.5619724424182E-12
rpunto1 : = -1519369.2644531
rduepunti0 : = -1.0525463081706E+25
fil : = 488.48848687808
fipunto1 : = 5.9936550132361E+17
fi_gradi : = 27988.328638846
t1 : = 1.0809601158298E-14
tpunto1 : = 1.0003837015903
tduepunti0 : = 4.1174860434584E+14
v=v_elettrone : = 3127330.1703307
x0= : -1.3338302620902E-13
y0= : -4.5602002189596E-12
*****
i=35456
k(35456)=0.99998713633143
kQ(35456)=0.99997427282833
r1= : 4.5617942527762E-12
rpunto1 : = -1520603.7658344
rduepunti0 : = -1.052622046038E+25
fil : = 488.48855717089
fipunto1 : = 5.9941232349339E+17
fi_gradi : = 27988.332666327
t1 : = 1.0809601275622E-14
tpunto1 : = 1.0003837499227
tduepunti0 : = 4.1211559921469E+14
v=v_elettrone : = 3128022.8140139
x0= : -1.3305730867598E-13
y0= : -4.5600316137052E-12
```

```
*****
i=35457
k(35457)=0.99998711543458
kQ(35457)=0.99997423103518
r1= : 4.5616159183535E-12
rpunto1: = -1521838.3561219
rduepunti0 : = -1.0526978536175E+25
fil : = 488.48862746918
fipunto1 : = 5.9945918919788E+17
fi_gradi : = 27988.336694122
t1 : = 1.0809601392946E-14
tpunto1 : = 1.0003837982981
tduepunti0 : = 4.124827004787E+14
v=v_elettrone : = 3128715.9216844
x0= : -1.3273158627526E-13
y0= : -4.5598628412121E-12
*****
i=35458
k(35458)=0.99998709451927
kQ(35458)=0.99997418920509
r1= : 4.5614374391396E-12
rpunto1: = -1523073.0353972
rduepunti0 : = -1.0527737309345E+25
fil : = 488.48869777297
fipunto1 : = 5.9950609845405E+17
fi_gradi : = 27988.340722233
t1 : = 1.0809601510269E-14
tpunto1 : = 1.0003838467166
tduepunti0 : = 4.1284990825044E+14
v=v_elettrone : = 3129409.493159
x0= : -1.3240585901818E-13
y0= : -4.5596939014668E-12
*****
i=35459
k(35459)=0.99998707358549
kQ(35459)=0.99997414733806
r1= : 4.5612588151242E-12
rpunto1: = -1524307.8037424
rduepunti0 : = -1.0528496780145E+25
fil : = 488.48876808226
fipunto1 : = 5.9955305127891E+17
fi_gradi : = 27988.344750659
t1 : = 1.0809601627593E-14
tpunto1 : = 1.0003838951782
tduepunti0 : = 4.1321722264255E+14
v=v_elettrone : = 3130103.5263042
x0= : -1.3208012691609E-13
y0= : -4.5595247944559E-12
*****
i=35460
k(35460)=0.99998705263322
kQ(35460)=0.99997410543408
r1= : 4.5610800462967E-12
rpunto1: = -1525542.6612391
rduepunti0 : = -1.0529256948829E+25
fil : = 488.48883839706
fipunto1 : = 5.9960004768947E+17
fi_gradi : = 27988.3487794
t1 : = 1.0809601744917E-14
tpunto1 : = 1.0003839436829
tduepunti0 : = 4.1358464376774E+14
v=v_elettrone : = 3130798.0247898
x0= : -1.3175438998057E-13
y0= : -4.5593555201661E-12
```

```
*****
i=35461
k(35461)=0.99998703166248
kQ(35461)=0.99997406349313
r1= : 4.5609011326468E-12
rpunto1 : = -1526777.6079693
rduepunti0 : = -1.0530017815653E+25
fil : = 488.48890871737
fipunto1 : = 5.9964708770277E+17
fi_gradi : = 27988.352808457
t1 : = 1.0809601862241E-14
tpunto1 : = 1.0003839922306
tduepunti0 : = 4.1395217173882E+14
v=v_elettrone : = 3131492.9845428
x0= : -1.3142864822275E-13
y0= : -4.5591860785838E-12
*****
i=35462
k(35462)=0.99998701067324
kQ(35462)=0.99997402151521
r1= : 4.5607220741639E-12
rpunto1 : = -1528012.6440148
rduepunti0 : = -1.0530779380871E+25
fil : = 488.4889790432
fipunto1 : = 5.9969417133588E+17
fi_gradi : = 27988.35683783
t1 : = 1.0809601979564E-14
tpunto1 : = 1.0003840408215
tduepunti0 : = 4.1431980666865E+14
v=v_elettrone : = 3132188.4092509
x0= : -1.3110290165423E-13
y0= : -4.5590164696957E-12
*****
i=35463
k(35463)=0.99998698966552
kQ(35463)=0.9999739795003
r1= : 4.5605428708376E-12
rpunto1 : = -1529247.7694577
rduepunti0 : = -1.0531541644738E+25
fil : = 488.48904937455
fipunto1 : = 5.9974129860586E+17
fi_gradi : = 27988.360867519
t1 : = 1.0809602096888E-14
tpunto1 : = 1.0003840894555
tduepunti0 : = 4.1468754867018E+14
v=v_elettrone : = 3132884.2948347
x0= : -1.3077715028616E-13
y0= : -4.5588466934883E-12
*****
i=35464
k(35464)=0.99998696863929
kQ(35464)=0.9999739374484
r1= : 4.5603635226574E-12
rpunto1 : = -1530482.9843798
rduepunti0 : = -1.0532304607511E+25
fil : = 488.48911971142
fipunto1 : = 5.9978846952982E+17
fi_gradi : = 27988.364897525
t1 : = 1.0809602214212E-14
tpunto1 : = 1.0003841381327
tduepunti0 : = 4.1505539785644E+14
v=v_elettrone : = 3133580.6449727
x0= : -1.3045139413019E-13
y0= : -4.5586767499481E-12
```

```
*****
i=35465
k(35465)=0.99998694759456
kQ(35465)=0.99997389535949
r1= : 4.5601840296129E-12
rpunto1 : = -1531718.2888632
rduepunti0 : = -1.0533068269446E+25
fil : = 488.48919005383
fipunto1 : = 5.9983568412487E+17
fi_gradi : = 27988.368927848
t1 : = 1.0809602331536E-14
tpunto1 : = 1.000384186853
tduepunti0 : = 4.1542335434053E+14
v=v_elettrone : = 3134277.4555941
x0= : -1.3012563319745E-13
y0= : -4.5585066390617E-12
*****
i=35466
k(35466)=0.99998692653132
kQ(35466)=0.99997385323356
r1= : 4.5600043916934E-12
rpunto1 : = -1532953.6829899
rduepunti0 : = -1.0533832630799E+25
fil : = 488.48926040178
fipunto1 : = 5.9988294240814E+17
fi_gradi : = 27988.372958489
t1 : = 1.0809602448859E-14
tpunto1 : = 1.0003842356165
tduepunti0 : = 4.1579141823563E+14
v=v_elettrone : = 3134974.7303784
x0= : -1.2979986749963E-13
y0= : -4.5583363608156E-12
*****
i=35467
k(35467)=0.99998690544957
kQ(35467)=0.99997381107061
r1= : 4.5598246088885E-12
rpunto1 : = -1534189.166842
rduepunti0 : = -1.0534597691826E+25
fil : = 488.48933075526
fipunto1 : = 5.9993024439679E+17
fi_gradi : = 27988.376989447
t1 : = 1.0809602566183E-14
tpunto1 : = 1.0003842844231
tduepunti0 : = 4.16159589655E+14
v=v_elettrone : = 3135672.4652576
x0= : -1.2947409704789E-13
y0= : -4.5581659151962E-12
*****
i=35468
k(35468)=0.9999868843493
kQ(35468)=0.99997376887062
r1= : 4.5596446811877E-12
rpunto1 : = -1535424.7405015
rduepunti0 : = -1.0535363452785E+25
fil : = 488.4894011143
fipunto1 : = 5.9997759010799E+17
fi_gradi : = 27988.381020723
t1 : = 1.0809602683507E-14
tpunto1 : = 1.000384333273
tduepunti0 : = 4.1652786871197E+14
v=v_elettrone : = 3136370.663897
x0= : -1.2914832185394E-13
y0= : -4.5579953021902E-12
```

```
*****
i=35469
k(35469)=0.99998686323051
kQ(35469)=0.99997372663359
r1= : 4.5594646085804E-12
rpunto1 : = -1536660.4040506
rduepunti0 : = -1.0536129913932E+25
fil : = 488.48947147889
fipunto1 : = 6.0002497955893E+17
fi_gradi : = 27988.385052316
t1 : = 1.0809602800831E-14
tpunto1 : = 1.000384382166
tduepunti0 : = 4.1689625551997E+14
v=v_elettrone : = 3137069.3241694
x0= : -1.2882254192898E-13
y0= : -4.5578245217839E-12
*****
i=35470
k(35470)=0.99998684209319
kQ(35470)=0.9999736843595
r1= : 4.5592843910562E-12
rpunto1 : = -1537896.1575714
rduepunti0 : = -1.0536897075525E+25
fil : = 488.48954184903
fipunto1 : = 6.0007241276682E+17
fi_gradi : = 27988.389084229
t1 : = 1.0809602918154E-14
tpunto1 : = 1.0003844311023
tduepunti0 : = 4.1726475019247E+14
v=v_elettrone : = 3137768.447811
x0= : -1.2849675728445E-13
y0= : -4.5576535739638E-12
*****
i=35471
k(35471)=0.99998682093733
kQ(35471)=0.99997364204834
r1= : 4.5591040286043E-12
rpunto1 : = -1539132.0011461
rduepunti0 : = -1.0537664937822E+25
fil : = 488.48961222474
fipunto1 : = 6.0011988974889E+17
fi_gradi : = 27988.39311646
t1 : = 1.0809603035478E-14
tpunto1 : = 1.0003844800818
tduepunti0 : = 4.1763335284305E+14
v=v_elettrone : = 3138468.0307694
x0= : -1.2817096793159E-13
y0= : -4.5574824587164E-12
*****
i=35472
k(35472)=0.99998679976293
kQ(35472)=0.99997359970011
r1= : 4.5589235212144E-12
rpunto1 : = -1540367.9348568
rduepunti0 : = -1.0538433501081E+25
fil : = 488.48968260602
fipunto1 : = 6.0016741052239E+17
fi_gradi : = 27988.39714901
t1 : = 1.0809603152802E-14
tpunto1 : = 1.0003845291045
tduepunti0 : = 4.1800206358536E+14
v=v_elettrone : = 3139168.0766972
x0= : -1.2784517388213E-13
y0= : -4.5573111760282E-12
```



```
*****
i=35473
k(35473)=0.99998677856999
kQ(35473)=0.99997355731479
r1= : 4.5587428688757E-12
rpunto1 : = -1541603.9587859
rduepunti0 : = -1.0539202765559E+25
fil : = 488.48975299287
fipunto1 : = 6.0021497510459E+17
fi_gradi : = 27988.401181879
t1 : = 1.0809603270126E-14
tpunto1 : = 1.0003845781705
tduepunti0 : = 4.1837088253312E+14
v=v_elettrone : = 3139868.5854012
x0= : -1.2751937514732E-13
y0= : -4.5571397258855E-12
*****
i=35474
k(35474)=0.9999867573585
kQ(35474)=0.99997351489237
r1= : 4.5585620715778E-12
rpunto1 : = -1542840.0730156
rduepunti0 : = -1.0539972731517E+25
fil : = 488.48982338529
fipunto1 : = 6.0026258351279E+17
fi_gradi : = 27988.405215068
t1 : = 1.080960338745E-14
tpunto1 : = 1.0003846272798
tduepunti0 : = 4.1873980980013E+14
v=v_elettrone : = 3140569.5528305
x0= : -1.271935717384E-13
y0= : -4.5569681082748E-12
*****
i=35475
k(35475)=0.99998673612846
kQ(35475)=0.99997347243285
r1= : 4.55838112931E-12
rpunto1 : = -1544076.2776282
rduepunti0 : = -1.0540743399211E+25
fil : = 488.48989378331
fipunto1 : = 6.0031023576427E+17
fi_gradi : = 27988.409248577
t1 : = 1.0809603504773E-14
tpunto1 : = 1.0003846764323
tduepunti0 : = 4.1910884550027E+14
v=v_elettrone : = 3141270.9845711
x0= : -1.2686776366717E-13
y0= : -4.5567963231825E-12
*****
i=35476
k(35476)=0.99998671487985
kQ(35476)=0.9999734299362
r1= : 4.5582000420618E-12
rpunto1 : = -1545312.5727061
rduepunti0 : = -1.0541514768902E+25
fil : = 488.48996418691
fipunto1 : = 6.0035793187638E+17
fi_gradi : = 27988.413282406
t1 : = 1.0809603622097E-14
tpunto1 : = 1.0003847256281
tduepunti0 : = 4.1947798974751E+14
v=v_elettrone : = 3141972.8746449
x0= : -1.2654195094463E-13
y0= : -4.556624370595E-12
```

```
*****
i=35477
k(35477)=0.99998669361268
kQ(35477)=0.99997338740243
r1= : 4.5580188098224E-12
rpunto1: = -1546548.9583315
rduepunti0 : = -1.054228684085E+25
fil : = 488.4900345961
fipunto1 : = 6.0040567186646E+17
fi_gradi : = 27988.417316556
t1 : = 1.0809603739421E-14
tpunto1 : = 1.0003847748673
tduepunti0 : = 4.1984724265589E+14
v=v_elettrone : = 3142675.2267123
x0= : -1.2621613358259E-13
y0= : -4.5564522504988E-12
*****
i=35478
k(35478)=0.99998667232695
kQ(35478)=0.99997334483152
r1= : 4.5578374325814E-12
rpunto1: = -1547785.4345869
rduepunti0 : = -1.0543059615313E+25
fil : = 488.49010501089
fipunto1 : = 6.0045345575186E+17
fi_gradi : = 27988.421351027
t1 : = 1.0809603856745E-14
tpunto1 : = 1.0003848241497
tduepunti0 : = 4.2021660433951E+14
v=v_elettrone : = 3143378.0405651
x0= : -1.2589031159235E-13
y0= : -4.5562799628801E-12
*****
i=35479
k(35479)=0.99998665102263
kQ(35479)=0.99997330222346
r1= : 4.5576559103281E-12
rpunto1: = -1549022.0015547
rduepunti0 : = -1.0543833092551E+25
fil : = 488.49017543129
fipunto1 : = 6.0050128354999E+17
fi_gradi : = 27988.425385818
t1 : = 1.0809603974069E-14
tpunto1 : = 1.0003848734755
tduepunti0 : = 4.2058607491258E+14
v=v_elettrone : = 3144081.3140955
x0= : -1.2556448498522E-13
y0= : -4.5561075077253E-12
*****
i=35480
k(35480)=0.99998662969974
kQ(35480)=0.99997325957824
r1= : 4.5574742430518E-12
rpunto1: = -1550258.6593174
rduepunti0 : = -1.0544607272826E+25
fil : = 488.4902458573
fipunto1 : = 6.0054915527823E+17
fi_gradi : = 27988.429420931
t1 : = 1.0809604091392E-14
tpunto1 : = 1.0003849228446
tduepunti0 : = 4.2095565448936E+14
v=v_elettrone : = 3144785.0490244
x0= : -1.2523865377278E-13
y0= : -4.5559348850208E-12
```

```
*****
i=35481
k(35481)=0.99998660835826
kQ(35481)=0.99997321689585
r1= : 4.5572924307419E-12
rpunto1 : = -1551495.4079573
rduepunti0 : = -1.0545382156397E+25
fil : = 488.49031628892
fipunto1 : = 6.0059707095402E+17
fi_gradi : = 27988.433456366
t1 : = 1.0809604208716E-14
tpunto1 : = 1.0003849722571
tduepunti0 : = 4.2132534318422E+14
v=v_elettrone : = 3145489.2432361
x0= : -1.2491281796637E-13
y0= : -4.555762094753E-12
*****
i=35482
k(35482)=0.99998658699819
kQ(35482)=0.99997317417628
r1= : 4.5571104733878E-12
rpunto1 : = -1552732.2475572
rduepunti0 : = -1.0546157743525E+25
fil : = 488.49038672616
fipunto1 : = 6.006450305948E+17
fi_gradi : = 27988.437492122
t1 : = 1.080960432604E-14
tpunto1 : = 1.000385021713
tduepunti0 : = 4.2169514111159E+14
v=v_elettrone : = 3146193.8984537
x0= : -1.2458697757758E-13
y0= : -4.5555891369082E-12
*****
i=35483
k(35483)=0.99998656561952
kQ(35483)=0.99997313141952
r1= : 4.5569283709787E-12
rpunto1 : = -1553969.1781994
rduepunti0 : = -1.0546934034472E+25
fil : = 488.49045716902
fipunto1 : = 6.0069303421802E+17
fi_gradi : = 27988.441528201
t1 : = 1.0809604443364E-14
tpunto1 : = 1.0003850712122
tduepunti0 : = 4.2206504838597E+14
v=v_elettrone : = 3146899.0144861
x0= : -1.2426113261778E-13
y0= : -4.5554160114726E-12
*****
i=35484
k(35484)=0.99998654422225
kQ(35484)=0.99997308862556
r1= : 4.556746123504E-12
rpunto1 : = -1555206.1999666
rduepunti0 : = -1.0547711029499E+25
fil : = 488.49052761751
fipunto1 : = 6.0074108184118E+17
fi_gradi : = 27988.445564602
t1 : = 1.0809604560688E-14
tpunto1 : = 1.0003851207549
tduepunti0 : = 4.2243506512196E+14
v=v_elettrone : = 3147604.5911281
x0= : -1.2393528309834E-13
y0= : -4.5552427184327E-12
```

```
*****
i=35485
k(35485)=0.99998652280638
kQ(35485)=0.99997304579439
r1= : 4.556563730953E-12
rpunto1 : = -1556443.3129413
rduepunti0 : = -1.0548488728867E+25
fil : = 488.49059807164
fipunto1 : = 6.0078917348176E+17
fi_gradi : = 27988.449601327
t1 : = 1.0809604678012E-14
tpunto1 : = 1.0003851703409
tduepunti0 : = 4.2280519143422E+14
v=v_elettrone : = 3148310.6262687
x0= : -1.2360942903063E-13
y0= : -4.5550692577746E-12
*****
i=35486
k(35486)=0.99998650137189
kQ(35486)=0.99997300292599
r1= : 4.556381193315E-12
rpunto1 : = -1557680.5172063
rduepunti0 : = -1.0549267132839E+25
fil : = 488.49066853141
fipunto1 : = 6.008373091573E+17
fi_gradi : = 27988.453638374
t1 : = 1.0809604795336E-14
tpunto1 : = 1.0003852199704
tduepunti0 : = 4.2317542743751E+14
v=v_elettrone : = 3149017.1216371
x0= : -1.2328357042632E-13
y0= : -4.5548956294847E-12
*****
i=35487
k(35487)=0.99998647991879
kQ(35487)=0.99997296002037
r1= : 4.5561985105793E-12
rpunto1 : = -1558917.8128441
rduepunti0 : = -1.0550046241676E+25
fil : = 488.49073899683
fipunto1 : = 6.0088548888532E+17
fi_gradi : = 27988.457675745
t1 : = 1.0809604912659E-14
tpunto1 : = 1.0003852696433
tduepunti0 : = 4.2354577324666E+14
v=v_elettrone : = 3149724.0770315
x0= : -1.2295770729679E-13
y0= : -4.5547218335493E-12
*****
i=35488
k(35488)=0.99998645844706
kQ(35488)=0.9999729170775
r1= : 4.5560156827352E-12
rpunto1 : = -1560155.1999375
rduepunti0 : = -1.0550826055642E+25
fil : = 488.49080946789
fipunto1 : = 6.009337126834E+17
fi_gradi : = 27988.461713439
t1 : = 1.0809605029983E-14
tpunto1 : = 1.0003853193596
tduepunti0 : = 4.2391622897656E+14
v=v_elettrone : = 3150431.4922576
x0= : -1.2263183965348E-13
y0= : -4.5545478699546E-12
```

```
*****
i=35489
k(35489)=0.99998643695671
kQ(35489)=0.99997287409738
r1= : 4.555832709772E-12
rpunto1 : = -1561392.6785691
rduepunti0 : = -1.0551606574999E+25
fil : = 488.49087994461
fipunto1 : = 6.0098198056911E+17
fi_gradi : = 27988.465751458
t1 : = 1.0809605147307E-14
tpunto1 : = 1.0003853691194
tduepunti0 : = 4.2428679474222E+14
v=v_elettrone : = 3151139.3671172
x0= : -1.2230596750781E-13
y0= : -4.5543737386869E-12
*****
i=35490
k(35490)=0.99998641544773
kQ(35490)=0.99997283108
r1= : 4.5556495916789E-12
rpunto1 : = -1562630.2488218
rduepunti0 : = -1.0552387800011E+25
fil : = 488.49095042699
fipunto1 : = 6.0103029256004E+17
fi_gradi : = 27988.469789801
t1 : = 1.0809605264631E-14
tpunto1 : = 1.0003854189227
tduepunti0 : = 4.2465747065869E+14
v=v_elettrone : = 3151847.6994964
x0= : -1.2198009087123E-13
y0= : -4.5541994397324E-12
*****
i=35491
k(35491)=0.99998639392011
kQ(35491)=0.99997278802534
r1= : 4.5554663284451E-12
rpunto1 : = -1563867.9107784
rduepunti0 : = -1.055316973094E+25
fil : = 488.49102091504
fipunto1 : = 6.0107864867382E+17
fi_gradi : = 27988.473828469
t1 : = 1.0809605381955E-14
tpunto1 : = 1.0003854687694
tduepunti0 : = 4.2502825684113E+14
v=v_elettrone : = 3152556.4930439
x0= : -1.2165420975543E-13
y0= : -4.5540249730774E-12
*****
i=35492
k(35492)=0.99998637237384
kQ(35492)=0.9999727449334
r1= : 4.55528292006E-12
rpunto1 : = -1565105.6645216
rduepunti0 : = -1.055395236805E+25
fil : = 488.49109140876
fipunto1 : = 6.0112704892807E+17
fi_gradi : = 27988.477867461
t1 : = 1.0809605499279E-14
tpunto1 : = 1.0003855186597
tduepunti0 : = 4.2539915340476E+14
v=v_elettrone : = 3153265.7456351
x0= : -1.2132832417163E-13
y0= : -4.553850338708E-12
```

```
*****
i=35493
k(35493)=0.99998635080893
kQ(35493)=0.99997270180416
r1= : 4.5550993665127E-12
rpunto1 : = -1566343.5101343
rduepunti0 : = -1.0554735711606E+25
fil : = 488.49116190815
fipunto1 : = 6.0117549334047E+17
fi_gradi : = 27988.481906779
t1 : = 1.0809605616603E-14
tpunto1 : = 1.0003855685935
tduepunti0 : = 4.2577016046489E+14
v=v_elettrone : = 3153975.4570795
x0= : -1.2100243413131E-13
y0= : -4.5536755366105E-12
*****
i=35494
k(35494)=0.99998632922536
kQ(35494)=0.99997265863762
r1= : 4.5549156677926E-12
rpunto1 : = -1567581.4476994
rduepunti0 : = -1.055519761871E+25
fil : = 488.49123241323
fipunto1 : = 6.0122398192869E+17
fi_gradi : = 27988.485946422
t1 : = 1.0809605733927E-14
tpunto1 : = 1.0003856185707
tduepunti0 : = 4.2614127813691E+14
v=v_elettrone : = 3154685.6271792
x0= : -1.2067653964595E-13
y0= : -4.553500566771E-12
*****
i=35495
k(35495)=0.99998630762314
kQ(35495)=0.99997261543376
r1= : 4.5547318238887E-12
rpunto1 : = -1568819.4772998
rduepunti0 : = -1.0556304519111E+25
fil : = 488.49130292399
fipunto1 : = 6.0127251471041E+17
fi_gradi : = 27988.489986391
t1 : = 1.0809605851251E-14
tpunto1 : = 1.0003856685916
tduepunti0 : = 4.2651250653629E+14
v=v_elettrone : = 3155396.2557468
x0= : -1.2035064072706E-13
y0= : -4.5533254291758E-12
*****
i=35496
k(35496)=0.99998628600225
kQ(35496)=0.99997257219258
r1= : 4.5545478347903E-12
rpunto1 : = -1570057.5990185
rduepunti0 : = -1.055708998359E+25
fil : = 488.49137344045
fipunto1 : = 6.0132109170337E+17
fi_gradi : = 27988.494026687
t1 : = 1.0809605968575E-14
tpunto1 : = 1.000385718656
tduepunti0 : = 4.2688384577857E+14
v=v_elettrone : = 3156107.3425787
x0= : -1.2002473738614E-13
y0= : -4.553150123811E-12
```

```
*****
i=35497
k(35497)=0.9999862643627
kQ(35497)=0.99997252891406
r1= : 4.5543637004866E-12
rpunto1: = -1571295.8129384
rduepunti0 : = -1.0557876155572E+25
fil : = 488.4914439626
fipunto1 : = 6.0136971292528E+17
fi_gradi : = 27988.498067308
t1 : = 1.0809606085898E-14
tpunto1 : = 1.0003857687639
tduepunti0 : = 4.2725529597938E+14
v=v_elettrone : = 3156818.8893904
x0= : -1.1969882963472E-13
y0= : -4.5529746506627E-12
*****
i=35498
k(35498)=0.99998624270446
kQ(35498)=0.99997248559819
r1= : 4.5541794209669E-12
rpunto1: = -1572534.1191425
rduepunti0 : = -1.0558663035325E+25
fil : = 488.49151449045
fipunto1 : = 6.0141837839392E+17
fi_gradi : = 27988.502108257
t1 : = 1.0809606203222E-14
tpunto1 : = 1.0003858189154
tduepunti0 : = 4.2762685725444E+14
v=v_elettrone : = 3157530.8921746
x0= : -1.1937291748408E-13
y0= : -4.5527990097172E-12
*****
i=35499
k(35499)=0.99998622102755
kQ(35499)=0.99997244224497
r1= : 4.5539949962201E-12
rpunto1: = -1573772.5177139
rduepunti0 : = -1.0559450623112E+25
fil : = 488.49158502402
fipunto1 : = 6.0146708812704E+17
fi_gradi : = 27988.506149532
t1 : = 1.0809606320546E-14
tpunto1 : = 1.0003858691105
tduepunti0 : = 4.2799852971954E+14
v=v_elettrone : = 3158243.3545471
x0= : -1.1904700094603E-13
y0= : -4.5526232009605E-12
*****
i=35500
k(35500)=0.99998619933196
kQ(35500)=0.99997239885437
r1= : 4.5538104262357E-12
rpunto1: = -1575011.0087356
rduepunti0 : = -1.0560238919201E+25
fil : = 488.49165556329
fipunto1 : = 6.0151584214246E+17
fi_gradi : = 27988.510191135
t1 : = 1.080960643787E-14
tpunto1 : = 1.0003859193492
tduepunti0 : = 4.2837031349054E+14
v=v_elettrone : = 3158956.2763189
x0= : -1.1872108003186E-13
y0= : -4.5524472243788E-12
```

```
*****
i=35501
k(35501)=0.99998617761767
kQ(35501)=0.9999723554264
r1= : 4.5536257110026E-12
rpunto1: = -1576249.5922907
rduepunti0 : = -1.0561027923857E+25
fil : = 488.49172610828
fipunto1 : = 6.0156464045797E+17
fi_gradi : = 27988.514233065
t1 : = 1.0809606555194E-14
tpunto1 : = 1.0003859696316
tduepunti0 : = 4.2874220868339E+14
v=v_elettrone : = 3159669.6534662
x0= : -1.183951547529E-13
y0= : -4.5522710799582E-12
*****
i=35502
k(35502)=0.99998615588469
kQ(35502)=0.99997231196104
r1= : 4.55344085051E-12
rpunto1: = -1577488.2684625
rduepunti0 : = -1.0561817637348E+25
fil : = 488.491796659
fipunto1 : = 6.0161348309142E+17
fi_gradi : = 27988.518275323
t1 : = 1.0809606672518E-14
tpunto1 : = 1.0003860199575
tduepunti0 : = 4.2911421541414E+14
v=v_elettrone : = 3160383.491542
x0= : -1.1806922512098E-13
y0= : -4.5520947676848E-12
*****
i=35503
k(35503)=0.99998613413301
kQ(35503)=0.99997226845828
r1= : 4.5532558447472E-12
rpunto1: = -1578727.0373339
rduepunti0 : = -1.0562608059939E+25
fil : = 488.49186721544
fipunto1 : = 6.0166237006066E+17
fi_gradi : = 27988.52231791
t1 : = 1.0809606789842E-14
tpunto1 : = 1.0003860703271
tduepunti0 : = 4.294863337989E+14
v=v_elettrone : = 3161097.7845966
x0= : -1.1774329114719E-13
y0= : -4.5519182875446E-12
*****
i=35504
k(35504)=0.99998611236262
kQ(35504)=0.99997222491811
r1= : 4.5530706937031E-12
rpunto1: = -1579965.8989883
rduepunti0 : = -1.0563399191898E+25
fil : = 488.49193777762
fipunto1 : = 6.0171130138356E+17
fi_gradi : = 27988.526360825
t1 : = 1.0809606907166E-14
tpunto1 : = 1.0003861207404
tduepunti0 : = 4.2985856395385E+14
v=v_elettrone : = 3161812.5362772
x0= : -1.1741735284339E-13
y0= : -4.5517416395239E-12
```



```
*****
i=35505
k(35505)=0.99998609057352
kQ(35505)=0.99997218134051
r1= : 4.552885397367E-12
rpunto1 : = -1581204.8535088
rduepunti0 : = -1.0564191033493E+25
fil : = 488.49200834553
fipunto1 : = 6.0176027707801E+17
fi_gradi : = 27988.530404068
t1 : = 1.080960702449E-14
tpunto1 : = 1.0003861711973
tduepunti0 : = 4.3023090599529E+14
v=v_elettrone : = 3162527.7463721
x0= : -1.1709141022095E-13
y0= : -4.5515648236085E-12
*****
i=35506
k(35506)=0.9999860687657
kQ(35506)=0.99997213772549
r1= : 4.5526999557278E-12
rpunto1 : = -1582443.9009787
rduepunti0 : = -1.0564983584991E+25
fil : = 488.49207891919
fipunto1 : = 6.0180929716194E+17
fi_gradi : = 27988.534447641
t1 : = 1.0809607141814E-14
tpunto1 : = 1.0003862216979
tduepunti0 : = 4.3060336003956E+14
v=v_elettrone : = 3163243.4127883
x0= : -1.1676546329124E-13
y0= : -4.5513878397847E-12
*****
i=35507
k(35507)=0.99998604693917
kQ(35507)=0.99997209407302
r1= : 4.5525143687749E-12
rpunto1 : = -1583683.0414813
rduepunti0 : = -1.0565776846661E+25
fil : = 488.4921494986
fipunto1 : = 6.0185836165326E+17
fi_gradi : = 27988.538491543
t1 : = 1.0809607259138E-14
tpunto1 : = 1.0003862722422
tduepunti0 : = 4.309759262031E+14
v=v_elettrone : = 3163959.5372374
x0= : -1.164395120659E-13
y0= : -4.5512106880383E-12
*****
i=35508
k(35508)=0.9999860250939
kQ(35508)=0.9999720503831
r1= : 4.5523286364971E-12
rpunto1 : = -1584922.2750999
rduepunti0 : = -1.056657081877E+25
fil : = 488.49222008376
fipunto1 : = 6.0190747056993E+17
fi_gradi : = 27988.542535775
t1 : = 1.0809607376462E-14
tpunto1 : = 1.0003863228302
tduepunti0 : = 4.3134860460245E+14
v=v_elettrone : = 3164676.1176073
x0= : -1.1611355655633E-13
y0= : -4.5510333683555E-12
```

```
*****
i=35509
k(35509)=0.9999860032299
kQ(35509)=0.99997200665571
r1= : 4.5521427588837E-12
rpunto1 : = -1586161.6019179
rduepunti0 : = -1.0567365501587E+25
fil : = 488.49229067468
fipunto1 : = 6.0195662392993E+17
fi_gradi : = 27988.546580337
t1 : = 1.0809607493786E-14
tpunto1 : = 1.0003863734619
tduepunti0 : = 4.317213953542E+14
v=v_elettrone : = 3165393.1556223
x0= : -1.1578759677421E-13
y0= : -4.5508558807223E-12
*****
i=35510
k(35510)=0.99998598134717
kQ(35510)=0.99997196289086
r1= : 4.5519567359236E-12
rpunto1 : = -1587401.0220187
rduepunti0 : = -1.0568160895381E+25
fil : = 488.49236127137
fipunto1 : = 6.0200582175125E+17
fi_gradi : = 27988.550625229
t1 : = 1.0809607611111E-14
tpunto1 : = 1.0003864241373
tduepunti0 : = 4.3209429857503E+14
v=v_elettrone : = 3166110.6491779
x0= : -1.1546163273095E-13
y0= : -4.5506782251247E-12
*****
i=35511
k(35511)=0.99998595944569
kQ(35511)=0.99997191908851
r1= : 4.5517705676059E-12
rpunto1 : = -1588640.5354855
rduepunti0 : = -1.0568957000422E+25
fil : = 488.49243187383
fipunto1 : = 6.0205506405189E+17
fi_gradi : = 27988.554670452
t1 : = 1.0809607728434E-14
tpunto1 : = 1.0003864748565
tduepunti0 : = 4.3246731438172E+14
v=v_elettrone : = 3166828.6018904
x0= : -1.1513566443826E-13
y0= : -4.5505004015486E-12
*****
i=35512
k(35512)=0.99998593752546
kQ(35512)=0.99997187524867
r1= : 4.5515842539197E-12
rpunto1 : = -1589880.142402
rduepunti0 : = -1.0569753816978E+25
fil : = 488.49250248206
fipunto1 : = 6.0210435084989E+17
fi_gradi : = 27988.558716006
t1 : = 1.0809607845758E-14
tpunto1 : = 1.0003865256195
tduepunti0 : = 4.3284044289111E+14
v=v_elettrone : = 3167547.0097527
x0= : -1.1480969190731E-13
y0= : -4.5503224099802E-12
```

```
*****
i=35513
k(35513)=0.99998591558648
kQ(35513)=0.99997183137133
r1= : 4.5513977948541E-12
rpunto1 : = -1591119.8428516
rduepunti0 : = -1.057055134532E+25
fil : = 488.49257309607
fipunto1 : = 6.0215368216331E+17
fi_gradi : = 27988.562761891
t1 : = 1.0809607963082E-14
tpunto1 : = 1.0003865764262
tduepunti0 : = 4.3321368422014E+14
v=v_elettrone : = 3168265.8744776
x0= : -1.1448371514984E-13
y0= : -4.5501442504052E-12
*****
i=35514
k(35514)=0.99998589362874
kQ(35514)=0.99997178745647
r1= : 4.551211190398E-12
rpunto1 : = -1592359.6369178
rduepunti0 : = -1.0571349585717E+25
fil : = 488.49264371587
fipunto1 : = 6.0220305801021E+17
fi_gradi : = 27988.566808107
t1 : = 1.0809608080406E-14
tpunto1 : = 1.0003866272768
tduepunti0 : = 4.3358703848581E+14
v=v_elettrone : = 3168985.1958707
x0= : -1.141577341773E-13
y0= : -4.5499659228098E-12
*****
i=35515
k(35515)=0.99998587165223
kQ(35515)=0.99997174350407
r1= : 4.5510244405404E-12
rpunto1 : = -1593599.5246841
rduepunti0 : = -1.057214853844E+25
fil : = 488.49271434145
fipunto1 : = 6.0225247840869E+17
fi_gradi : = 27988.570854655
t1 : = 1.080960819773E-14
tpunto1 : = 1.0003866781711
tduepunti0 : = 4.3396050580523E+14
v=v_elettrone : = 3169704.9718279
x0= : -1.1383174900119E-13
y0= : -4.5497874271798E-12
*****
i=35516
k(35516)=0.99998584965696
kQ(35516)=0.99997169951415
r1= : 4.5508375452705E-12
rpunto1 : = -1594839.5062341
rduepunti0 : = -1.0572948203759E+25
fil : = 488.49278497284
fipunto1 : = 6.0230194337685E+17
fi_gradi : = 27988.574901535
t1 : = 1.0809608315054E-14
tpunto1 : = 1.0003867291092
tduepunti0 : = 4.3433408629558E+14
v=v_elettrone : = 3170425.2059701
x0= : -1.1350575963326E-13
y0= : -4.5496087635012E-12
```

```
*****
i=35517
k(35517)=0.99998582764291
kQ(35517)=0.99997165548667
r1= : 4.5506505045771E-12
rpunto1 : = -1596079.5816514
rduepunti0 : = -1.0573748581946E+25
fil : = 488.49285561002
fipunto1 : = 6.0235145293283E+17
fi_gradi : = 27988.578948748
t1 : = 1.0809608432378E-14
tpunto1 : = 1.0003867800912
tduepunti0 : = 4.347077800741E+14
v=v_elettrone : = 3171145.8961958
x0= : -1.1317976608476E-13
y0= : -4.5494299317599E-12
*****
i=35518
k(35518)=0.99998580561007
kQ(35518)=0.99997161142163
r1= : 4.5504633184493E-12
rpunto1 : = -1597319.7510196
rduepunti0 : = -1.0574549673271E+25
fil : = 488.49292625301
fipunto1 : = 6.0240100709478E+17
fi_gradi : = 27988.582996293
t1 : = 1.0809608549702E-14
tpunto1 : = 1.000386831117
tduepunti0 : = 4.3508158725816E+14
v=v_elettrone : = 3171867.0404056
x0= : -1.1285376836721E-13
y0= : -4.5492509319418E-12
*****
i=35519
k(35519)=0.99998578355846
kQ(35519)=0.99997156731902
r1= : 4.5502759868761E-12
rpunto1 : = -1598560.0144225
rduepunti0 : = -1.0575351478007E+25
fil : = 488.49299690182
fipunto1 : = 6.0245060588087E+17
fi_gradi : = 27988.587044171
t1 : = 1.0809608667026E-14
tpunto1 : = 1.0003868821866
tduepunti0 : = 4.3545550796517E+14
v=v_elettrone : = 3172588.6422183
x0= : -1.125277664924E-13
y0= : -4.5490717640329E-12
*****
i=35520
k(35520)=0.99998576148805
kQ(35520)=0.99997152317883
r1= : 4.5500885098464E-12
rpunto1 : = -1599800.3719437
rduepunti0 : = -1.0576153996424E+25
fil : = 488.49306755644
fipunto1 : = 6.025002493093E+17
fi_gradi : = 27988.591092383
t1 : = 1.080960878435E-14
tpunto1 : = 1.0003869333002
tduepunti0 : = 4.3582954231265E+14
v=v_elettrone : = 3173310.6976255
x0= : -1.1220176047163E-13
y0= : -4.548892428019E-12
```

```
*****
i=35521
k(35521)=0.99998573939884
kQ(35521)=0.99997147900105
r1= : 4.5499008873492E-12
rpunto1 : = -1601040.8236669
rduepunti0 : = -1.0576957228796E+25
fil : = 488.49313821688
fipunto1 : = 6.0254993739827E+17
fi_gradi : = 27988.595140928
t1 : = 1.0809608901675E-14
tpunto1 : = 1.0003869844576
tduepunti0 : = 4.3620369041819E+14
v=v_elettrone : = 3174033.2102409
x0= : -1.118757503167E-13
y0= : -4.548712923886E-12
*****
i=35522
k(35522)=0.99998571729083
kQ(35522)=0.99997143478566
r1= : 4.5497131193734E-12
rpunto1 : = -1602281.3696759
rduepunti0 : = -1.0577761175393E+25
fil : = 488.49320888315
fipunto1 : = 6.0259967016601E+17
fi_gradi : = 27988.599189807
t1 : = 1.0809609018999E-14
tpunto1 : = 1.0003870356588
tduepunti0 : = 4.3657795239946E+14
v=v_elettrone : = 3174756.1779757
x0= : -1.1154973603893E-13
y0= : -4.5485332516198E-12
*****
i=35523
k(35523)=0.99998569516402
kQ(35523)=0.99997139053266
r1= : 4.549525205908E-12
rpunto1 : = -1603522.0100545
rduepunti0 : = -1.057856583649E+25
fil : = 488.49327955525
fipunto1 : = 6.0264944763078E+17
fi_gradi : = 27988.60323902
t1 : = 1.0809609136323E-14
tpunto1 : = 1.000387086904
tduepunti0 : = 4.3695232837422E+14
v=v_elettrone : = 3175479.6006132
x0= : -1.1122371764991E-13
y0= : -4.5483534112062E-12
*****
i=35524
k(35524)=0.99998567301839
kQ(35524)=0.99997134624204
r1= : 4.549337146942E-12
rpunto1 : = -1604762.7448866
rduepunti0 : = -1.0579371212359E+25
fil : = 488.49335023319
fipunto1 : = 6.0269926981085E+17
fi_gradi : = 27988.607288568
t1 : = 1.0809609253647E-14
tpunto1 : = 1.0003871381932
tduepunti0 : = 4.3732681846032E+14
v=v_elettrone : = 3176203.4779908
x0= : -1.1089769516122E-13
y0= : -4.548173402631E-12
```

```
*****
i=35525
k(35525)=0.99998565085394
kQ(35525)=0.99997130191378
r1= : 4.5491489424641E-12
rpunto1 : = -1606003.5742559
rduepunti0 : = -1.0580177303274E+25
fil : = 488.49342091697
fipunto1 : = 6.0274913672452E+17
fi_gradi : = 27988.61133845
t1 : = 1.0809609370971E-14
tpunto1 : = 1.0003871895262
tduepunti0 : = 4.3770142277568E+14
v=v_elettrone : = 3176927.8117971
x0= : -1.1057166858448E-13
y0= : -4.5479932258802E-12
*****
i=35526
k(35526)=0.99998562867067
kQ(35526)=0.99997125754787
r1= : 4.5489605924635E-12
rpunto1 : = -1607244.4982465
rduepunti0 : = -1.0580984109507E+25
fil : = 488.4934916066
fipunto1 : = 6.0279904839008E+17
fi_gradi : = 27988.615388668
t1 : = 1.0809609488295E-14
tpunto1 : = 1.0003872409032
tduepunti0 : = 4.3807614143832E+14
v=v_elettrone : = 3177652.5999328
x0= : -1.1024563793105E-13
y0= : -4.5478128809396E-12
*****
i=35527
k(35527)=0.99998560646857
kQ(35527)=0.99997121314431
r1= : 4.5487720969288E-12
rpunto1 : = -1608485.5169421
rduepunti0 : = -1.0581791631333E+25
fil : = 488.49356230209
fipunto1 : = 6.0284900482588E+17
fi_gradi : = 27988.619439221
t1 : = 1.0809609605619E-14
tpunto1 : = 1.0003872923242
tduepunti0 : = 4.3845097456631E+14
v=v_elettrone : = 3178377.8422149
x0= : -1.0991960321256E-13
y0= : -4.5476323677948E-12
*****
i=35528
k(35528)=0.99998558424763
kQ(35528)=0.99997116870308
r1= : 4.5485834558492E-12
rpunto1 : = -1609726.6304268
rduepunti0 : = -1.0582599869026E+25
fil : = 488.49363300343
fipunto1 : = 6.0289900605026E+17
fi_gradi : = 27988.623490109
t1 : = 1.0809609722943E-14
tpunto1 : = 1.0003873437891
tduepunti0 : = 4.3882592227785E+14
v=v_elettrone : = 3179103.5403448
x0= : -1.0959356444065E-13
y0= : -4.5474516864318E-12
```

```
*****
i=35529
k(35529)=0.99998556200785
kQ(35529)=0.99997112422417
r1= : 4.5483946692133E-12
rpunto1: = -1610967.8387845
rduepunti0 : = -1.058340882286E+25
fil : = 488.49370371064
fipunto1 : = 6.0294905208161E+17
fi_gradi : = 27988.627541334
t1 : = 1.0809609840267E-14
tpunto1 : = 1.000387395298
tduepunti0 : = 4.3920098469119E+14
v=v_elettrone : = 3179829.6903279
x0= : -1.0926752162673E-13
y0= : -4.5472708368364E-12
*****
i=35530
k(35530)=0.99998553974923
kQ(35530)=0.99997107970756
r1= : 4.5482057370102E-12
rpunto1: = -1612209.1420993
rduepunti0 : = -1.058421849311E+25
fil : = 488.49377442372
fipunto1 : = 6.0299914293831E+17
fi_gradi : = 27988.631592895
t1 : = 1.0809609957591E-14
tpunto1 : = 1.0003874468509
tduepunti0 : = 4.3957616192468E+14
v=v_elettrone : = 3180556.2976824
x0= : -1.0894147478272E-13
y0= : -4.5470898189942E-12
*****
i=35531
k(35531)=0.99998551747176
kQ(35531)=0.99997103515326
r1= : 4.5480166592286E-12
rpunto1: = -1613450.5404553
rduepunti0 : = -1.0585028880052E+25
fil : = 488.49384514267
fipunto1 : = 6.0304927863877E+17
fi_gradi : = 27988.635644792
t1 : = 1.0809610074916E-14
tpunto1 : = 1.0003874984479
tduepunti0 : = 4.3995145409674E+14
v=v_elettrone : = 3181283.3583936
x0= : -1.0861542391979E-13
y0= : -4.5469086328911E-12
*****
i=35532
k(35532)=0.99998549517543
kQ(35532)=0.99997099056125
r1= : 4.5478274358575E-12
rpunto1: = -1614692.0339364
rduepunti0 : = -1.058583998396E+25
fil : = 488.4939158675
fipunto1 : = 6.0309945920142E+17
fi_gradi : = 27988.639697026
t1 : = 1.080961019224E-14
tpunto1 : = 1.0003875500888
tduepunti0 : = 4.4032686132589E+14
v=v_elettrone : = 3182010.8722833
x0= : -1.0828936904963E-13
y0= : -4.5467272785128E-12
```

```
*****
i=35533
k(35533)=0.99998547286024
kQ(35533)=0.99997094593152
r1= : 4.5476380668856E-12
rpunto1 : = -1615933.6226269
rduepunti0 : = -1.058665180511E+25
fil : = 488.49398659822
fipunto1 : = 6.0314968464473E+17
fi_gradi : = 27988.643749598
t1 : = 1.0809610309564E-14
tpunto1 : = 1.0003876017738
tduepunti0 : = 4.4070238373072E+14
v=v_elettrone : = 3182738.8410465
x0= : -1.0796331018395E-13
y0= : -4.546545755845E-12
*****
i=35534
k(35534)=0.99998545052618
kQ(35534)=0.99997090126405
r1= : 4.5474485523019E-12
rpunto1 : = -1617175.3066108
rduepunti0 : = -1.0587464343778E+25
fil : = 488.49405733482
fipunto1 : = 6.0319995498716E+17
fi_gradi : = 27988.647802507
t1 : = 1.0809610426888E-14
tpunto1 : = 1.0003876535029
tduepunti0 : = 4.4107802142993E+14
v=v_elettrone : = 3183467.2644999
x0= : -1.0763724733421E-13
y0= : -4.5463640648736E-12
*****
i=35535
k(35535)=0.99998542817325
kQ(35535)=0.99997085655884
r1= : 4.547258892095E-12
rpunto1 : = -1618417.0859724
rduepunti0 : = -1.058827760024E+25
fil : = 488.49412807732
fipunto1 : = 6.0325027024721E+17
fi_gradi : = 27988.651855754
t1 : = 1.0809610544212E-14
tpunto1 : = 1.000387705276
tduepunti0 : = 4.4145377454227E+14
v=v_elettrone : = 3184196.1405495
x0= : -1.0731118051188E-13
y0= : -4.5461822055841E-12
*****
i=35536
k(35536)=0.99998540580144
kQ(35536)=0.99997081181587
r1= : 4.5470690862539E-12
rpunto1 : = -1619658.9607959
rduepunti0 : = -1.0589091574773E+25
fil : = 488.49419882573
fipunto1 : = 6.0330063044339E+17
fi_gradi : = 27988.655909339
t1 : = 1.0809610661536E-14
tpunto1 : = 1.0003877570932
tduepunti0 : = 4.4182964318659E+14
v=v_elettrone : = 3184925.4708928
x0= : -1.0698510972872E-13
y0= : -4.5460001779623E-12
```



```
*****
i=35537
k(35537)=0.99998538341074
kQ(35537)=0.99997076703513
r1= : 4.5468791347673E-12
rpunto1 : = -1620900.9311654
rduepunti0 : = -1.0589906267653E+25
fil : = 488.49426958004
fipunto1 : = 6.0335103559424E+17
fi_gradi : = 27988.659963262
t1 : = 1.0809610778861E-14
tpunto1 : = 1.0003878089545
tduepunti0 : = 4.4220562748183E+14
v=v_elettrone : = 3185655.2534438
x0= : -1.0665903499622E-13
y0= : -4.545817981994E-12
*****
i=35538
k(35538)=0.99998536100116
kQ(35538)=0.99997072221662
r1= : 4.5466890376241E-12
rpunto1 : = -1622142.9971654
rduepunti0 : = -1.0590721679159E+25
fil : = 488.49434034026
fipunto1 : = 6.034014857183E+17
fi_gradi : = 27988.664017524
t1 : = 1.0809610896185E-14
tpunto1 : = 1.0003878608599
tduepunti0 : = 4.4258172754702E+14
v=v_elettrone : = 3186385.4918014
x0= : -1.0633295632615E-13
y0= : -4.5456356176647E-12
*****
i=35539
k(35539)=0.99998533857268
kQ(35539)=0.99997067736032
r1= : 4.546498794813E-12
rpunto1 : = -1623385.1588801
rduepunti0 : = -1.0591537809566E+25
fil : = 488.4944111064
fipunto1 : = 6.0345198083416E+17
fi_gradi : = 27988.668072125
t1 : = 1.0809611013509E-14
tpunto1 : = 1.0003879128094
tduepunti0 : = 4.4295794350125E+14
v=v_elettrone : = 3187116.1819843
x0= : -1.0600687372977E-13
y0= : -4.5454530849601E-12
*****
i=35540
k(35540)=0.9999853161253
kQ(35540)=0.99997063246622
r1= : 4.5463084063228E-12
rpunto1 : = -1624627.4163938
rduepunti0 : = -1.0592354659153E+25
fil : = 488.49448187846
fipunto1 : = 6.0350252096041E+17
fi_gradi : = 27988.672127065
t1 : = 1.0809611130833E-14
tpunto1 : = 1.0003879648031
tduepunti0 : = 4.4333427546372E+14
v=v_elettrone : = 3187847.3256852
x0= : -1.0568078721888E-13
y0= : -4.5452703838659E-12
```

```
*****
i=35541
k(35541)=0.99998529365902
kQ(35541)=0.99997058753432
r1= : 4.5461178721423E-12
rpunto1: = -1625869.769791
rduepunti0 : = -1.0593172228198E+25
fil : = 488.49455265644
fipunto1 : = 6.0355310611567E+17
fi_gradi : = 27988.676182345
t1 : = 1.0809611248157E-14
tpunto1 : = 1.0003880168409
tduepunti0 : = 4.4371072355371E+14
v=v_elettrone : = 3188578.9227211
x0= : -1.0535469680504E-13
y0= : -4.5450875143678E-12
*****
i=35542
k(35542)=0.99998527117382
kQ(35542)=0.99997054256459
r1= : 4.5459271922601E-12
rpunto1: = -1627112.219156
rduepunti0 : = -1.0593990516979E+25
fil : = 488.49462344036
fipunto1 : = 6.0360373631857E+17
fi_gradi : = 27988.680237965
t1 : = 1.0809611365481E-14
tpunto1 : = 1.0003880689229
tduepunti0 : = 4.4408728789057E+14
v=v_elettrone : = 3189310.9709917
x0= : -1.050286024998E-13
y0= : -4.5449044764514E-12
*****
i=35543
k(35543)=0.99998524866971
kQ(35543)=0.99997049755702
r1= : 4.5457363666652E-12
rpunto1: = -1628354.7645733
rduepunti0 : = -1.0594809525775E+25
fil : = 488.49469423022
fipunto1 : = 6.0365441158776E+17
fi_gradi : = 27988.684293925
t1 : = 1.0809611482806E-14
tpunto1 : = 1.000388121049
tduepunti0 : = 4.4446396859374E+14
v=v_elettrone : = 3190043.4741122
x0= : -1.0470250431499E-13
y0= : -4.5447212701023E-12
*****
i=35544
k(35544)=0.99998522614668
kQ(35544)=0.99997045251162
r1= : 4.5455453953461E-12
rpunto1: = -1629597.4061273
rduepunti0 : = -1.0595629254864E+25
fil : = 488.49476502602
fipunto1 : = 6.0370513194193E+17
fi_gradi : = 27988.688350226
t1 : = 1.080961160013E-14
tpunto1 : = 1.0003881732194
tduepunti0 : = 4.4484076578278E+14
v=v_elettrone : = 3190776.4299752
x0= : -1.0437640226195E-13
y0= : -4.5445378953061E-12
```

```
*****
i=35545
k(35545)=0.99998520360471
kQ(35545)=0.99997040742836
r1= : 4.5453542782916E-12
rpunto1 : = -1630840.1439026
rduepunti0 : = -1.0596449704527E+25
fil : = 488.49483582777
fipunto1 : = 6.0375589739978E+17
fi_gradi : = 27988.692406867
t1 : = 1.0809611717454E-14
tpunto1 : = 1.0003882254339
tduepunti0 : = 4.4521767957728E+14
v=v_elettrone : = 3191509.8365031
x0= : -1.0405029635227E-13
y0= : -4.5443543520484E-12
*****
i=35546
k(35546)=0.99998518104382
kQ(35546)=0.99997036230724
r1= : 4.5451630154905E-12
rpunto1 : = -1632082.9779837
rduepunti0 : = -1.0597270875041E+25
fil : = 488.49490663547
fipunto1 : = 6.0380670798001E+17
fi_gradi : = 27988.69646385
t1 : = 1.0809611834778E-14
tpunto1 : = 1.0003882776927
tduepunti0 : = 4.4559471009695E+14
v=v_elettrone : = 3192243.6972938
x0= : -1.0372418659783E-13
y0= : -4.5441706403148E-12
*****
i=35547
k(35547)=0.99998515846398
kQ(35547)=0.99997031714823
r1= : 4.5449716069315E-12
rpunto1 : = -1633325.9084552
rduepunti0 : = -1.0598092766688E+25
fil : = 488.49497744913
fipunto1 : = 6.0385756370137E+17
fi_gradi : = 27988.700521174
t1 : = 1.0809611952103E-14
tpunto1 : = 1.0003883299957
tduepunti0 : = 4.4597185746159E+14
v=v_elettrone : = 3192978.0102456
x0= : -1.0339807301E-13
y0= : -4.5439867600908E-12
*****
i=35548
k(35548)=0.9999851358652
kQ(35548)=0.99997027195135
r1= : 4.5447800526031E-12
rpunto1 : = -1634568.9354017
rduepunti0 : = -1.0598915379746E+25
fil : = 488.49504826876
fipunto1 : = 6.0390846458262E+17
fi_gradi : = 27988.704578839
t1 : = 1.0809612069427E-14
tpunto1 : = 1.0003883823429
tduepunti0 : = 4.4634912179106E+14
v=v_elettrone : = 3193712.7751862
x0= : -1.0307195560041E-13
y0= : -4.5438027113621E-12
```

```
*****
i=35549
k(35549)=0.99998511324747
kQ(35549)=0.99997022671656
r1= : 4.5445883524942E-12
rpunto1 : = -1635812.0589077
rduepunti0 : = -1.0599738714498E+25
fil : = 488.49511909436
fipunto1 : = 6.0395941064253E+17
fi_gradi : = 27988.708636847
t1 : = 1.0809612186751E-14
tpunto1 : = 1.0003884347344
tduepunti0 : = 4.4672650320534E+14
v=v_elettrone : = 3194447.9919101
x0= : -1.0274583438071E-13
y0= : -4.5436184941142E-12
*****
i=35550
k(35550)=0.99998509061079
kQ(35550)=0.99997018144386
r1= : 4.5443965065934E-12
rpunto1 : = -1637055.2790581
rduepunti0 : = -1.0600562771222E+25
fil : = 488.49518992593
fipunto1 : = 6.0401040189991E+17
fi_gradi : = 27988.712695197
t1 : = 1.0809612304075E-14
tpunto1 : = 1.0003884871702
tduepunti0 : = 4.4710400182446E+14
v=v_elettrone : = 3195183.6602247
x0= : -1.0241970936256E-13
y0= : -4.5434341083326E-12
*****
i=35551
k(35551)=0.99998506795514
kQ(35551)=0.99997013613324
r1= : 4.5442045148894E-12
rpunto1 : = -1638298.5959375
rduepunti0 : = -1.0601387550201E+25
fil : = 488.49526076348
fipunto1 : = 6.0406143837358E+17
fi_gradi : = 27988.71675389
t1 : = 1.08096124214E-14
tpunto1 : = 1.0003885396503
tduepunti0 : = 4.4748161776855E+14
v=v_elettrone : = 3195919.78183
x0= : -1.0209358055765E-13
y0= : -4.5432495540029E-12
*****
i=35552
k(35552)=0.99998504528053
kQ(35552)=0.9999700907847
r1= : 4.5440123773708E-12
rpunto1 : = -1639542.0096307
rduepunti0 : = -1.0602213051716E+25
fil : = 488.49533160701
fipunto1 : = 6.0411252008237E+17
fi_gradi : = 27988.720812926
t1 : = 1.0809612538724E-14
tpunto1 : = 1.0003885921746
tduepunti0 : = 4.4785935115785E+14
v=v_elettrone : = 3196656.3546472
x0= : -1.0176744797741E-13
y0= : -4.5430648311105E-12
```

```
*****
i=35553
k(35553)=0.99998502258694
kQ(35553)=0.9999700453982
r1= : 4.5438200940262E-12
rpunto1 : = -1640785.5202223
rduepunti0 : = -1.0603039276047E+25
fil : = 488.49540245654
fipunto1 : = 6.0416364704515E+17
fi_gradi : = 27988.724872304
t1 : = 1.0809612656048E-14
tpunto1 : = 1.0003886447433
tduepunti0 : = 4.4823720211265E+14
v=v_elettrone : = 3197393.3784817
x0= : -1.0144131163353E-13
y0= : -4.542879939641E-12
*****
i=35554
k(35554)=0.99998499987438
kQ(35554)=0.99996999997376
r1= : 4.5436276648444E-12
rpunto1 : = -1642029.1277973
rduepunti0 : = -1.0603866223478E+25
fil : = 488.49547331206
fipunto1 : = 6.0421481928081E+17
fi_gradi : = 27988.728932027
t1 : = 1.0809612773372E-14
tpunto1 : = 1.0003886973563
tduepunti0 : = 4.4861517075335E+14
v=v_elettrone : = 3198130.8531268
x0= : -1.0111517153773E-13
y0= : -4.5426948795799E-12
*****
i=35555
k(35555)=0.99998497714283
kQ(35555)=0.99996995451135
r1= : 4.5434350898138E-12
rpunto1 : = -1643272.8324404
rduepunti0 : = -1.060469389429E+25
fil : = 488.49554417359
fipunto1 : = 6.0426603680823E+17
fi_gradi : = 27988.732992093
t1 : = 1.0809612890697E-14
tpunto1 : = 1.0003887500136
tduepunti0 : = 4.4899325720043E+14
v=v_elettrone : = 3198868.7803089
x0= : -1.0078902770174E-13
y0= : -4.5425096509126E-12
*****
i=35556
k(35556)=0.99998495439229
kQ(35556)=0.99996990901096
r1= : 4.5432423689233E-12
rpunto1 : = -1644516.6342365
rduepunti0 : = -1.0605522288765E+25
fil : = 488.49561504112
fipunto1 : = 6.0431729964635E+17
fi_gradi : = 27988.737052504
t1 : = 1.0809613008021E-14
tpunto1 : = 1.0003888027153
tduepunti0 : = 4.4937146157445E+14
v=v_elettrone : = 3199607.1598037
x0= : -1.0046288013705E-13
y0= : -4.5423242536246E-12
```

```
*****
i=35557
k(35557)=0.99998493162276
kQ(35557)=0.99996986347258
r1= : 4.5430495021612E-12
rpunto1: = -1645760.5332705
rduepunti0 : = -1.0606351407188E+25
fil : = 488.49568591466
fipunto1 : = 6.0436860781411E+17
fi_gradi : = 27988.741113258
t1 : = 1.0809613125345E-14
tpunto1 : = 1.0003888554614
tduepunti0 : = 4.4974978399607E+14
v=v_elettrone : = 3200345.9895531
x0= : -1.0013672885514E-13
y0= : -4.5421386877014E-12
*****
i=35558
k(35558)=0.99998490883423
kQ(35558)=0.99996981789621
r1= : 4.5428564895164E-12
rpunto1: = -1647004.5296274
rduepunti0 : = -1.0607181249839E+25
fil : = 488.49575679422
fipunto1 : = 6.0441996133047E+17
fi_gradi : = 27988.745174358
t1 : = 1.0809613242669E-14
tpunto1 : = 1.0003889082519
tduepunti0 : = 4.5012822458603E+14
v=v_elettrone : = 3201085.2693482
x0= : -9.9810573867782E-14
y0= : -4.5419529531284E-12
*****
i=35559
k(35559)=0.9999848860267
kQ(35559)=0.99996977228182
r1= : 4.5426633309772E-12
rpunto1: = -1648248.6233922
rduepunti0 : = -1.0608011817004E+25
fil : = 488.49582767981
fipunto1 : = 6.0447136021443E+17
fi_gradi : = 27988.749235803
t1 : = 1.0809613359994E-14
tpunto1 : = 1.0003889610867
tduepunti0 : = 4.5050678346516E+14
v=v_elettrone : = 3201825.000899
x0= : -9.9484415186758E-14
y0= : -4.541767049891E-12
*****
i=35560
k(35560)=0.99998486320015
kQ(35560)=0.99996972662942
r1= : 4.5424700265324E-12
rpunto1: = -1649492.8146498
rduepunti0 : = -1.0608843108966E+25
fil : = 488.49589857142
fipunto1 : = 6.0452280448498E+17
fi_gradi : = 27988.753297593
t1 : = 1.0809613477318E-14
tpunto1 : = 1.000389013966
tduepunti0 : = 4.5088546075436E+14
v=v_elettrone : = 3202565.1840031
x0= : -9.91582528236E-14
y0= : -4.5415809779747E-12
```

```
*****
i=35561
k(35561)=0.99998484035458
kQ(35561)=0.99996968093898
r1= : 4.5422765761704E-12
rpunto1: = -1650737.1034852
rduepunti0 : = -1.0609675126008E+25
fil : = 488.49596946906
fipunto1 : = 6.0457429416115E+17
fi_gradi : = 27988.757359729
t1 : = 1.0809613594642E-14
tpunto1 : = 1.0003890668897
tduepunti0 : = 4.5126425657465E+14
v=v_elettrone : = 3203305.8165869
x0= : -9.8832086789855E-14
y0= : -4.5413947373649E-12
*****
i=35562
k(35562)=0.99998481748999
kQ(35562)=0.9999696352105
r1= : 4.5420829798799E-12
rpunto1: = -1651981.4899836
rduepunti0 : = -1.0610507868416E+25
fil : = 488.49604037275
fipunto1 : = 6.0462582926199E+17
fi_gradi : = 27988.761422211
t1 : = 1.0809613711967E-14
tpunto1 : = 1.0003891198578
tduepunti0 : = 4.5164317104711E+14
v=v_elettrone : = 3204046.9003355
x0= : -9.850591709734E-14
y0= : -4.541208328047E-12
*****
i=35563
k(35563)=0.99998479460638
kQ(35563)=0.99996958944396
r1= : 4.5418892376493E-12
rpunto1: = -1653225.9742301
rduepunti0 : = -1.0611341336473E+25
fil : = 488.49611128247
fipunto1 : = 6.0467740980657E+17
fi_gradi : = 27988.765485039
t1 : = 1.0809613829291E-14
tpunto1 : = 1.0003891728703
tduepunti0 : = 4.5202220429292E+14
v=v_elettrone : = 3204788.4331879
x0= : -9.8179743757629E-14
y0= : -4.5410217500063E-12
*****
i=35564
k(35564)=0.99998477170373
kQ(35564)=0.99996954363936
r1= : 4.5416953494673E-12
rpunto1: = -1654470.5563097
rduepunti0 : = -1.0612175530465E+25
fil : = 488.49618219825
fipunto1 : = 6.0472903581397E+17
fi_gradi : = 27988.769548213
t1 : = 1.0809613946615E-14
tpunto1 : = 1.0003892259274
tduepunti0 : = 4.5240135643334E+14
v=v_elettrone : = 3205530.4187065
x0= : -9.7853566782564E-14
y0= : -4.5408350032282E-12
```

```
*****
i=35565
k(35565)=0.99998474878204
kQ(35565)=0.99996949779668
r1= : 4.5415013153223E-12
rpunto1 : = -1655715.2363076
rduepunti0 : = -1.0613010450677E+25
fil : = 488.49625312008
fipunto1 : = 6.0478070730331E+17
fi_gradi : = 27988.773611735
t1 : = 1.080961406394E-14
tpunto1 : = 1.0003892790289
tduepunti0 : = 4.5278062758973E+14
v=v_elettrone : = 3206272.8529415
x0= : -9.7527386183487E-14
y0= : -4.5406480876982E-12
*****
i=35566
k(35566)=0.9999847258413
kQ(35566)=0.99996945191591
r1= : 4.5413071352029E-12
rpunto1 : = -1656960.0143092
rduepunti0 : = -1.0613846097394E+25
fil : = 488.49632404797
fipunto1 : = 6.0483242429372E+17
fi_gradi : = 27988.777675604
t1 : = 1.0809614181264E-14
tpunto1 : = 1.0003893321749
tduepunti0 : = 4.5316001788353E+14
v=v_elettrone : = 3207015.7375687
x0= : -9.7201201972268E-14
y0= : -4.5404610034014E-12
*****
i=35567
k(35567)=0.99998470288152
kQ(35567)=0.99996940599704
r1= : 4.5411128090975E-12
rpunto1 : = -1658204.8903995
rduepunti0 : = -1.0614682470902E+25
fil : = 488.49639498193
fipunto1 : = 6.0488418680435E+17
fi_gradi : = 27988.78173982
t1 : = 1.0809614298588E-14
tpunto1 : = 1.0003893853654
tduepunti0 : = 4.5353952743627E+14
v=v_elettrone : = 3207759.0724172
x0= : -9.6875014160529E-14
y0= : -4.5402737503234E-12
*****
i=35568
k(35568)=0.99998467990268
kQ(35568)=0.99996936004006
r1= : 4.5409183369946E-12
rpunto1 : = -1659449.8646639
rduepunti0 : = -1.0615519571487E+25
fil : = 488.49646592196
fipunto1 : = 6.0493599485436E+17
fi_gradi : = 27988.785804384
t1 : = 1.0809614415913E-14
tpunto1 : = 1.0003894386005
tduepunti0 : = 4.5391915636956E+14
v=v_elettrone : = 3208502.857281
x0= : -9.654882275991E-14
y0= : -4.5400863284494E-12
```



```
*****
i=35569
k(35569)=0.99998465690477
kQ(35569)=0.99996931404496
r1= : 4.5407237188829E-12
rpunto1 : = -1660694.9371876
rduepunti0 : = -1.0616357399437E+25
fil : = 488.49653686806
fipunto1 : = 6.0498784846296E+17
fi_gradi : = 27988.789869297
t1 : = 1.0809614533237E-14
tpunto1 : = 1.0003894918801
tduepunti0 : = 4.542989048051E+14
v=v_elettrone : = 3209247.0919678
x0= : -9.622262778206E-14
y0= : -4.5398987377646E-12
*****
i=35570
k(35570)=0.9999846338878
kQ(35570)=0.99996926801172
r1= : 4.5405289547506E-12
rpunto1 : = -1661940.1080561
rduepunti0 : = -1.0617195955036E+25
fil : = 488.49660782024
fipunto1 : = 6.0503974764936E+17
fi_gradi : = 27988.793934557
t1 : = 1.0809614650562E-14
tpunto1 : = 1.0003895452042
tduepunti0 : = 4.5467877286471E+14
v=v_elettrone : = 3209991.7744136
x0= : -9.5896429238643E-14
y0= : -4.5397109782545E-12
*****
i=35571
k(35571)=0.99998461085176
kQ(35571)=0.99996922194034
r1= : 4.5403340445863E-12
rpunto1 : = -1663185.3773546
rduepunti0 : = -1.0618035238574E+25
fil : = 488.49667877851
fipunto1 : = 6.0509169243279E+17
fi_gradi : = 27988.798000167
t1 : = 1.0809614767886E-14
tpunto1 : = 1.0003895985729
tduepunti0 : = 4.5505876067024E+14
v=v_elettrone : = 3210736.9081818
x0= : -9.5570227141594E-14
y0= : -4.5395230499043E-12
*****
i=35572
k(35572)=0.99998458779663
kQ(35572)=0.9999691758308
r1= : 4.5401389883785E-12
rpunto1 : = -1664430.7451686
rduepunti0 : = -1.0618875250336E+25
fil : = 488.49674974288
fipunto1 : = 6.051436828325E+17
fi_gradi : = 27988.802066125
t1 : = 1.080961488521E-14
tpunto1 : = 1.0003896519862
tduepunti0 : = 4.5543886834368E+14
v=v_elettrone : = 3211482.4912045
x0= : -9.5244021502345E-14
y0= : -4.5393349526993E-12
```

```
*****
i=35573
k(35573)=0.99998456472242
kQ(35573)=0.99996912968309
r1= : 4.5399437861156E-12
rpunto1 : = -1665676.2115836
rduepunti0 : = -1.0619715990611E+25
fil : = 488.49682071334
fipunto1 : = 6.0519571886779E+17
fi_gradi : = 27988.806132433
t1 : = 1.0809615002535E-14
tpunto1 : = 1.000389705444
tduepunti0 : = 4.5581909600708E+14
v=v_elettrone : = 3212228.5232903
x0= : -9.4917812332598E-14
y0= : -4.5391466866248E-12
*****
i=35574
k(35574)=0.99998454162912
kQ(35574)=0.9999690834972
r1= : 4.539748437786E-12
rpunto1 : = -1666921.7766849
rduepunti0 : = -1.0620557459686E+25
fil : = 488.4968916899
fipunto1 : = 6.0524780055793E+17
fi_gradi : = 27988.810199091
t1 : = 1.0809615119859E-14
tpunto1 : = 1.0003897589465
tduepunti0 : = 4.561994437826E+14
v=v_elettrone : = 3212975.0042435
x0= : -9.4591599644069E-14
y0= : -4.5389582516659E-12
*****
i=35575
k(35575)=0.99998451851673
kQ(35575)=0.99996903727313
r1= : 4.5395529433781E-12
rpunto1 : = -1668167.4405581
rduepunti0 : = -1.062139965785E+25
fil : = 488.49696267257
fipunto1 : = 6.0529992792225E+17
fi_gradi : = 27988.814266098
t1 : = 1.0809615237183E-14
tpunto1 : = 1.0003898124936
tduepunti0 : = 4.5657991179246E+14
v=v_elettrone : = 3213721.9357465
x0= : -9.4265383448487E-14
y0= : -4.538769647808E-12
*****
i=35576
k(35576)=0.99998449538523
kQ(35576)=0.99996899101085
r1= : 4.5393573028804E-12
rpunto1 : = -1669413.2032888
rduepunti0 : = -1.0622242585392E+25
fil : = 488.49703366136
fipunto1 : = 6.0535210098009E+17
fi_gradi : = 27988.818333456
t1 : = 1.0809615354508E-14
tpunto1 : = 1.0003898660853
tduepunti0 : = 4.56960500159E+14
v=v_elettrone : = 3214469.3138709
x0= : -9.3939163757337E-14
y0= : -4.5385808750363E-12
```

```
*****
i=35577
k(35577)=0.99998447223462
kQ(35577)=0.99996894471036
r1= : 4.5391615162813E-12
rpunto1 : = -1670659.0649625
rduepunti0 : = -1.0623086242599E+25
fil : = 488.49710465626
fipunto1 : = 6.0540431975082E+17
fi_gradi : = 27988.822401164
t1 : = 1.0809615471832E-14
tpunto1 : = 1.0003899197217
tduepunti0 : = 4.5734120900463E+14
v=v_elettrone : = 3215217.1421546
x0= : -9.361294058263E-14
y0= : -4.538391933336E-12
*****
i=35578
k(35578)=0.9999844490649
kQ(35578)=0.99996889837164
r1= : 4.5389655835692E-12
rpunto1 : = -1671905.0256648
rduepunti0 : = -1.0623930629762E+25
fil : = 488.49717565729
fipunto1 : = 6.054565842538E+17
fi_gradi : = 27988.826469223
t1 : = 1.0809615589157E-14
tpunto1 : = 1.0003899734028
tduepunti0 : = 4.5772203845186E+14
v=v_elettrone : = 3215965.4185569
x0= : -9.3286713935879E-14
y0= : -4.5382028226923E-12
*****
i=35579
k(35579)=0.99998442587607
kQ(35579)=0.99996885199469
r1= : 4.5387695047324E-12
rpunto1 : = -1673151.0854813
rduepunti0 : = -1.062477574717E+25
fil : = 488.49724666444
fipunto1 : = 6.0550889450846E+17
fi_gradi : = 27988.830537634
t1 : = 1.0809615706481E-14
tpunto1 : = 1.0003900271285
tduepunti0 : = 4.5810298862328E+14
v=v_elettrone : = 3216714.1447372
x0= : -9.2960483828864E-14
y0= : -4.5380135430904E-12
*****
i=35580
k(35580)=0.9999844026681
kQ(35580)=0.99996880557948
r1= : 4.5385732797593E-12
rpunto1 : = -1674397.2444978
rduepunti0 : = -1.0625621595113E+25
fil : = 488.49731767774
fipunto1 : = 6.0556125053419E+17
fi_gradi : = 27988.834606396
t1 : = 1.0809615823806E-14
tpunto1 : = 1.0003900808989
tduepunti0 : = 4.5848405964156E+14
v=v_elettrone : = 3217463.3186464
x0= : -9.2634250273122E-14
y0= : -4.5378240945155E-12
```

```
*****
i=35581
k(35581)=0.99998437944101
kQ(35581)=0.99996875912602
r1= : 4.5383769086384E-12
rpunto1: = -1675643.5028
rduepunti0 : = -1.0626468173881E+25
fil : = 488.49738869717
fipunto1 : = 6.0561365235047E+17
fi_gradi : = 27988.838675509
t1 : = 1.080961594113E-14
tpunto1 : = 1.000390134714
tduepunti0 : = 4.588652516295E+14
v=v_elettrone : = 3218212.9400869
x0= : -9.230801328046E-14
y0= : -4.5376344769527E-12
*****
i=35582
k(35582)=0.99998435619478
kQ(35582)=0.99996871263429
r1= : 4.5381803913579E-12
rpunto1: = -1676889.8604736
rduepunti0 : = -1.0627315483764E+25
fil : = 488.49745972275
fipunto1 : = 6.0566609997674E+17
fi_gradi : = 27988.842744975
t1 : = 1.0809616058454E-14
tpunto1 : = 1.0003901885739
tduepunti0 : = 4.5924656470994E+14
v=v_elettrone : = 3218963.0107438
x0= : -9.1981772862701E-14
y0= : -4.5374446903872E-12
*****
i=35583
k(35583)=0.99998433292941
kQ(35583)=0.99996866610428
r1= : 4.5379837279062E-12
rpunto1: = -1678136.3176043
rduepunti0 : = -1.0628163525053E+25
fil : = 488.49753075448
fipunto1 : = 6.057185934325E+17
fi_gradi : = 27988.846814794
t1 : = 1.0809616175779E-14
tpunto1 : = 1.0003902424784
tduepunti0 : = 4.5962799900585E+14
v=v_elettrone : = 3219713.5285426
x0= : -9.165552903142E-14
y0= : -4.5372547348042E-12
*****
i=35584
k(35584)=0.99998430964489
kQ(35584)=0.99996861953597
r1= : 4.5377869182716E-12
rpunto1: = -1679382.874278
rduepunti0 : = -1.0629012298039E+25
fil : = 488.49760179236
fipunto1 : = 6.0577113273725E+17
fi_gradi : = 27988.850884965
t1 : = 1.0809616293103E-14
tpunto1 : = 1.0003902964277
tduepunti0 : = 4.6000955464025E+14
v=v_elettrone : = 3220464.4951886
x0= : -9.1329281798466E-14
y0= : -4.5370646101888E-12
```

```

*****
i=35585
k(35585)=0.99998428634122
kQ(35585)=0.99996857292936
r1= : 4.5375899624425E-12
rpunto1: = -1680629.5305806
rduepunti0 : = -1.0629861803013E+25
fil : = 488.49767283641
fipunto1 : = 6.0582371791052E+17
fi_gradi : = 27988.854955489
t1 : = 1.0809616410428E-14
tpunto1 : = 1.0003903504218
tduerpunti0 : = 4.603912317363E+14
v=v_elettrone : = 3221215.910476
x0= : -9.100303117544E-14
y0= : -4.5368743165261E-12
*****
i=35586
k(35586)=0.99998426301839
kQ(35586)=0.99996852628443
r1= : 4.5373928604072E-12
rpunto1: = -1681876.2865978
rduepunti0 : = -1.0630712040267E+25
fil : = 488.49774388662
fipunto1 : = 6.0587634897187E+17
fi_gradi : = 27988.859026366
t1 : = 1.0809616527752E-14
tpunto1 : = 1.0003904044607
tduerpunti0 : = 4.607730304172E+14
v=v_elettrone : = 3221967.7723351
x0= : -9.0676777173959E-14
y0= : -4.5366838538012E-12
*****
i=35587
k(35587)=0.99998423967639
kQ(35587)=0.99996847960117
r1= : 4.537195612154E-12
rpunto1: = -1683123.1424157
rduepunti0 : = -1.0631563010093E+25
fil : = 488.49781494301
fipunto1 : = 6.0592902594087E+17
fi_gradi : = 27988.863097597
t1 : = 1.0809616645077E-14
tpunto1 : = 1.0003904585443
tduerpunti0 : = 4.6115495080628E+14
v=v_elettrone : = 3222720.0805825
x0= : -9.035051980591E-14
y0= : -4.5364932219993E-12
*****
i=35588
k(35588)=0.99998421631522
kQ(35588)=0.99996843287957
r1= : 4.5369982176711E-12
rpunto1: = -1684370.0981202
rduepunti0 : = -1.0632414712784E+25
fil : = 488.49788600557
fipunto1 : = 6.059817488371E+17
fi_gradi : = 27988.867169182
t1 : = 1.0809616762401E-14
tpunto1 : = 1.0003905126728
tduerpunti0 : = 4.6153699302693E+14
v=v_elettrone : = 3223472.8387782
x0= : -9.0024259083195E-14
y0= : -4.5363024211053E-12

```

```
*****
i=35589
k(35589)=0.99998419293488
kQ(35589)=0.99996838611963
r1= : 4.5368006769469E-12
rpunto1 : = -1685617.1537973
rduepunti0 : = -1.0633267148631E+25
fil : = 488.49795707432
fipunto1 : = 6.0603451768019E+17
fi_gradi : = 27988.871241121
t1 : = 1.0809616879726E-14
tpunto1 : = 1.0003905668461
tduepunti0 : = 4.6191915720265E+14
v=v_elettrone : = 3224226.04298
x0= : -8.9697995017211E-14
y0= : -4.5361114511044E-12
*****
i=35590
k(35590)=0.99998416953536
kQ(35590)=0.99996833932131
r1= : 4.5366029899697E-12
rpunto1 : = -1686864.3095329
rduepunti0 : = -1.0634120317928E+25
fil : = 488.49802814926
fipunto1 : = 6.0608733248976E+17
fi_gradi : = 27988.875313415
t1 : = 1.080961699705E-14
tpunto1 : = 1.0003906210642
tduepunti0 : = 4.6230144345703E+14
v=v_elettrone : = 3224979.6948631
x0= : -8.9371727619885E-14
y0= : -4.5359203119817E-12
*****
i=35591
k(35591)=0.99998414611664
kQ(35591)=0.99996829248463
r1= : 4.5364051567276E-12
rpunto1 : = -1688111.5654131
rduepunti0 : = -1.0634974220968E+25
fil : = 488.49809923039
fipunto1 : = 6.0614019328548E+17
fi_gradi : = 27988.879386064
t1 : = 1.0809617114375E-14
tpunto1 : = 1.0003906753271
tduepunti0 : = 4.6268385191374E+14
v=v_elettrone : = 3225733.794257
x0= : -8.90454569029E-14
y0= : -4.5357290037222E-12
*****
i=35592
k(35592)=0.99998412267873
kQ(35592)=0.99996824560956
r1= : 4.536207177209E-12
rpunto1 : = -1689358.9215241
rduepunti0 : = -1.0635828858045E+25
fil : = 488.49817031772
fipunto1 : = 6.0619310008702E+17
fi_gradi : = 27988.883459068
t1 : = 1.0809617231699E-14
tpunto1 : = 1.000390729635
tduepunti0 : = 4.6306638269654E+14
v=v_elettrone : = 3226488.3409532
x0= : -8.8719182877952E-14
y0= : -4.5355375263109E-12
```

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*****
i=35593
k(35593)=0.99998409922163
kQ(35593)=0.99996819869609
r1= : 4.5360090514021E-12
rpunto1 : = -1690606.3779519
rduepunti0 : = -1.0636684229451E+25
fil : = 488.49824141125
fipunto1 : = 6.0624605291408E+17
fi_gradi : = 27988.887532428
t1 : = 1.0809617349024E-14
tpunto1 : = 1.0003907839876
tduepunti0 : = 4.634490359293E+14
v=v_elettrone : = 3227243.3347635
x0= : -8.8392905556752E-14
y0= : -4.5353458797329E-12
*****
i=35594
k(35594)=0.99998407574531
kQ(35594)=0.99996815174421
r1= : 4.5358107792952E-12
rpunto1 : = -1691853.9347827
rduepunti0 : = -1.0637540335482E+25
fil : = 488.498312511
fipunto1 : = 6.0629905178638E+17
fi_gradi : = 27988.891606143
t1 : = 1.0809617466348E-14
tpunto1 : = 1.0003908383852
tduepunti0 : = 4.6383181173597E+14
v=v_elettrone : = 3227998.7736377
x0= : -8.806662495102E-14
y0= : -4.5351540639731E-12
*****
i=35595
k(35595)=0.99998405224979
kQ(35595)=0.99996810475391
r1= : 4.5356123608764E-12
rpunto1 : = -1693101.5921027
rduepunti0 : = -1.0638397176432E+25
fil : = 488.49838361696
fipunto1 : = 6.0635209672367E+17
fi_gradi : = 27988.895680214
t1 : = 1.0809617583673E-14
tpunto1 : = 1.0003908928277
tduepunti0 : = 4.6421471024057E+14
v=v_elettrone : = 3228754.6611146
x0= : -8.7740341072752E-14
y0= : -4.5349620790166E-12
*****
i=35596
k(35596)=0.99998402873505
kQ(35596)=0.99996805772518
r1= : 4.535413796134E-12
rpunto1 : = -1694349.3499981
rduepunti0 : = -1.0639254752596E+25
fil : = 488.49845472914
fipunto1 : = 6.064051877457E+17
fi_gradi : = 27988.899754642
t1 : = 1.0809617700997E-14
tpunto1 : = 1.0003909473151
tduepunti0 : = 4.6459773156725E+14
v=v_elettrone : = 3229510.9951364
x0= : -8.741405393344E-14
y0= : -4.5347699248484E-12
```

```
*****
i=35597
k(35597)=0.99998400520109
kQ(35597)=0.99996801065801
r1= : 4.5352150850562E-12
rpunto1: = -1695597.2085552
rduepunti0 : = -1.0640113064268E+25
fil : = 488.49852584755
fipunto1 : = 6.0645832487226E+17
fi_gradi : = 27988.903829427
t1 : = 1.0809617818322E-14
tpunto1 : = 1.0003910018475
tduepunti0 : = 4.6498087584022E+14
v=v_elettrone : = 3230267.7755191
x0= : -8.7087763544846E-14
y0= : -4.5345776014535E-12
*****
i=35598
k(35598)=0.99998398164789
kQ(35598)=0.99996796355237
r1= : 4.5350162276312E-12
rpunto1: = -1696845.1678602
rduepunti0 : = -1.0640972111744E+25
fil : = 488.49859697219
fipunto1 : = 6.0651150812316E+17
fi_gradi : = 27988.907904568
t1 : = 1.0809617935647E-14
tpunto1 : = 1.0003910564248
tduepunti0 : = 4.6536414318381E+14
v=v_elettrone : = 3231025.0001974
x0= : -8.6761469918748E-14
y0= : -4.5343851088167E-12
*****
i=35599
k(35599)=0.99998395807547
kQ(35599)=0.99996791640828
r1= : 4.5348172238471E-12
rpunto1: = -1698093.2279996
rduepunti0 : = -1.064183189532E+25
fil : = 488.49866810306
fipunto1 : = 6.0656473751822E+17
fi_gradi : = 27988.911980068
t1 : = 1.0809618052971E-14
tpunto1 : = 1.0003911110471
tduepunti0 : = 4.6574753372241E+14
v=v_elettrone : = 3231782.6745875
x0= : -8.6435173067192E-14
y0= : -4.5341924469231E-12
*****
i=35600
k(35600)=0.9999839344838
kQ(35600)=0.9999678692257
r1= : 4.5346180736922E-12
rpunto1: = -1699341.3890596
rduepunti0 : = -1.0642692415291E+25
fil : = 488.49873924018
fipunto1 : = 6.066180130773E+17
fi_gradi : = 27988.916055924
t1 : = 1.0809618170296E-14
tpunto1 : = 1.0003911657143
tduepunti0 : = 4.6613104758052E+14
v=v_elettrone : = 3232540.7928991
x0= : -8.6108873001466E-14
y0= : -4.5339996157577E-12
```



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*****
i=35601
k(35601)=0.99998391087289
kQ(35601)=0.99996782200463
r1= : 4.5344187771545E-12
rpunto1 : = -1700589.6511266
rduepunti0 : = -1.0643553671955E+25
fil : = 488.49881038355
fipunto1 : = 6.0667133482026E+17
fi_gradi : = 27988.920132139
t1 : = 1.080961828762E-14
tpunto1 : = 1.0003912204265
tduepunti0 : = 4.6651468488274E+14
v=v_elettrone : = 3233299.3568026
x0= : -8.5782569733647E-14
y0= : -4.5338066153052E-12
*****
i=35602
k(35602)=0.99998388724272
kQ(35602)=0.99996777474506
r1= : 4.5342193342224E-12
rpunto1 : = -1701838.0142872
rduepunti0 : = -1.0644415665607E+25
fil : = 488.49888153317
fipunto1 : = 6.0672470276699E+17
fi_gradi : = 27988.924208712
t1 : = 1.0809618404945E-14
tpunto1 : = 1.0003912751838
tduepunti0 : = 4.6689844575374E+14
v=v_elettrone : = 3234058.3679876
x0= : -8.5456263275563E-14
y0= : -4.5336134455508E-12
*****
i=35603
k(35603)=0.9999838635933
kQ(35603)=0.99996772744698
r1= : 4.5340197448838E-12
rpunto1 : = -1703086.4786277
rduepunti0 : = -1.0645278396544E+25
fil : = 488.49895268905
fipunto1 : = 6.0677811693742E+17
fi_gradi : = 27988.928285644
t1 : = 1.0809618522269E-14
tpunto1 : = 1.000391329986
tduepunti0 : = 4.672823303183E+14
v=v_elettrone : = 3234817.8243829
x0= : -8.5129953638801E-14
y0= : -4.5334201064791E-12
*****
i=35604
k(35604)=0.99998383992461
kQ(35604)=0.99996768011037
r1= : 4.5338200091269E-12
rpunto1 : = -1704335.0442346
rduepunti0 : = -1.0646141865065E+25
fil : = 488.4990238512
fipunto1 : = 6.0683157735146E+17
fi_gradi : = 27988.932362934
t1 : = 1.0809618639594E-14
tpunto1 : = 1.0003913848333
tduepunti0 : = 4.6766633870129E+14
v=v_elettrone : = 3235577.7276807
x0= : -8.4803640835218E-14
y0= : -4.5332265980753E-12
```

```
*****
i=35605
k(35605)=0.99998381623665
kQ(35605)=0.99996763273522
r1= : 4.5336201269399E-12
rpunto1 : = -1705583.7111946
rduepunti0 : = -1.0647006071466E+25
fil : = 488.49909501961
fipunto1 : = 6.0688508402908E+17
fi_gradi : = 27988.936440584
t1 : = 1.0809618756919E-14
tpunto1 : = 1.0003914397257
tduepunti0 : = 4.6805047102765E+14
v=v_elettrone : = 3236338.0758111
x0= : -8.4477324876429E-14
y0= : -4.533032920324E-12
*****
i=35606
k(35606)=0.99998379252942
kQ(35606)=0.99996758532152
r1= : 4.5334200983109E-12
rpunto1 : = -1706832.4795941
rduepunti0 : = -1.0647871016045E+25
fil : = 488.4991661943
fipunto1 : = 6.0693863699026E+17
fi_gradi : = 27988.940518593
t1 : = 1.0809618874243E-14
tpunto1 : = 1.0003914946631
tduepunti0 : = 4.6843472742245E+14
v=v_elettrone : = 3237098.8685881
x0= : -8.4151005774317E-14
y0= : -4.5328390732103E-12
*****
i=35607
k(35607)=0.99998376880291
kQ(35607)=0.99996753786927
r1= : 4.533219923228E-12
rpunto1 : = -1708081.3495198
rduepunti0 : = -1.0648736699101E+25
fil : = 488.49923737527
fipunto1 : = 6.06992236255E+17
fi_gradi : = 27988.944596962
t1 : = 1.0809618991568E-14
tpunto1 : = 1.0003915496456
tduepunti0 : = 4.6881910801083E+14
v=v_elettrone : = 3237860.1076953
x0= : -8.382468354078E-14
y0= : -4.532645056719E-12
*****
i=35608
k(35608)=0.99998374505711
kQ(35608)=0.99996749037844
r1= : 4.5330196016792E-12
rpunto1 : = -1709330.3210583
rduepunti0 : = -1.0649603120931E+25
fil : = 488.49930856253
fipunto1 : = 6.0704588184331E+17
fi_gradi : = 27988.948675692
t1 : = 1.0809619108892E-14
tpunto1 : = 1.0003916046732
tduepunti0 : = 4.6920361291802E+14
v=v_elettrone : = 3238621.7910685
x0= : -8.3498358187473E-14
y0= : -4.5324508708348E-12
```

```
*****
i=35609
k(35609)=0.99998372129201
kQ(35609)=0.99996744284902
r1= : 4.5328191336527E-12
rpunto1 : = -1710579.3942964
rduepunti0 : = -1.0650470281836E+25
fil : = 488.49937975608
fipunto1 : = 6.0709957377524E+17
fi_gradi : = 27988.952754782
t1 : = 1.0809619226217E-14
tpunto1 : = 1.0003916597459
tduepunti0 : = 4.6958824226935E+14
v=v_elettrone : = 3239383.9203908
x0= : -8.3172029726321E-14
y0= : -4.5322565155427E-12
*****
i=35610
k(35610)=0.99998369750762
kQ(35610)=0.99996739528101
r1= : 4.5326185191365E-12
rpunto1 : = -1711828.5693206
rduepunti0 : = -1.0651338182113E+25
fil : = 488.49945095592
fipunto1 : = 6.0715331207085E+17
fi_gradi : = 27988.956834232
t1 : = 1.0809619343542E-14
tpunto1 : = 1.0003917148637
tduepunti0 : = 4.6997299619024E+14
v=v_elettrone : = 3240146.4954677
x0= : -8.2845698169005E-14
y0= : -4.5320619908274E-12
*****
i=35611
k(35611)=0.99998367370392
kQ(35611)=0.99996734767439
r1= : 4.5324177581187E-12
rpunto1 : = -1713077.8462178
rduepunti0 : = -1.0652206822063E+25
fil : = 488.49952216207
fipunto1 : = 6.0720709675023E+17
fi_gradi : = 27988.960914044
t1 : = 1.0809619460866E-14
tpunto1 : = 1.0003917700266
tduepunti0 : = 4.7035787480622E+14
v=v_elettrone : = 3240909.5142433
x0= : -8.2519363527221E-14
y0= : -4.5318672966739E-12
*****
i=35612
k(35612)=0.99998364988091
kQ(35612)=0.99996730002915
r1= : 4.5322168505873E-12
rpunto1 : = -1714327.2250747
rduepunti0 : = -1.0653076201985E+25
fil : = 488.49959337452
fipunto1 : = 6.0726092783348E+17
fi_gradi : = 27988.964994217
t1 : = 1.0809619578191E-14
tpunto1 : = 1.0003918252347
tduepunti0 : = 4.7074287824288E+14
v=v_elettrone : = 3241672.9784
x0= : -8.2193025812934E-14
y0= : -4.5316724330667E-12
```

```
*****
i=35613
k(35613)=0.99998362603859
kQ(35613)=0.99996725234528
r1= : 4.5320157965304E-12
rpunto1 : = -1715576.7059782
rduepunti0 : = -1.0653946322179E+25
fil : = 488.49966459329
fipunto1 : = 6.0731480534075E+17
fi_gradi : = 27988.969074752
t1 : = 1.0809619695516E-14
tpunto1 : = 1.000391880488
tduepunti0 : = 4.7112800662593E+14
v=v_elettrone : = 3242436.8877434
x0= : -8.1866685037867E-14
y0= : -4.5314773999909E-12
*****
i=35614
k(35614)=0.99998360217694
kQ(35614)=0.99996720462277
r1= : 4.531814595936E-12
rpunto1 : = -1716826.2890151
rduepunti0 : = -1.0654817182946E+25
fil : = 488.49973581838
fipunto1 : = 6.0736872929216E+17
fi_gradi : = 27988.973155649
t1 : = 1.080961981284E-14
tpunto1 : = 1.0003919357865
tduepunti0 : = 4.7151326008116E+14
v=v_elettrone : = 3243201.240223
x0= : -8.1540341213755E-14
y0= : -4.5312821974311E-12
*****
i=35615
k(35615)=0.99998357829596
kQ(35615)=0.9999671568616
r1= : 4.5316132487921E-12
rpunto1 : = -1718075.9742723
rduepunti0 : = -1.0655688784586E+25
fil : = 488.49980704979
fipunto1 : = 6.0742269970791E+17
fi_gradi : = 27988.977236908
t1 : = 1.0809619930165E-14
tpunto1 : = 1.0003919911301
tduepunti0 : = 4.7189863873447E+14
v=v_elettrone : = 3243966.0375096
x0= : -8.1213994352606E-14
y0= : -4.531086825372E-12
*****
i=35616
k(35616)=0.99998355439565
kQ(35616)=0.99996710906176
r1= : 4.5314117550868E-12
rpunto1 : = -1719325.7618367
rduepunti0 : = -1.06565611274E+25
fil : = 488.49987828753
fipunto1 : = 6.0747671660817E+17
fi_gradi : = 27988.98131853
t1 : = 1.0809620047489E-14
tpunto1 : = 1.000392046519
tduepunti0 : = 4.7228414271183E+14
v=v_elettrone : = 3244731.2812776
x0= : -8.0887644466183E-14
y0= : -4.5308912837985E-12
```

```
*****
i=35617
k(35617)=0.999983530476
kQ(35617)=0.99996706122325
r1= : 4.5312101148081E-12
rpunto1: = -1720575.6517954
rduepunti0 : = -1.0657434211691E+25
fil : = 488.4999495316
fipunto1 : = 6.0753078001318E+17
fi_gradi : = 27988.985400515
t1 : = 1.0809620164814E-14
tpunto1 : = 1.0003921019531
tduepunti0 : = 4.7266977213932E+14
v=v_elettrone : = 3245496.9676196
x0= : -8.0561291566006E-14
y0= : -4.5306955726953E-12
*****
i=35618
k(35618)=0.999983506537
kQ(35618)=0.99996701334604
r1= : 4.5310083279439E-12
rpunto1: = -1721825.6442352
rduepunti0 : = -1.0658308037758E+25
fil : = 488.50002078202
fipunto1 : = 6.0758488994315E+17
fi_gradi : = 27988.989482863
t1 : = 1.0809620282139E-14
tpunto1 : = 1.0003921574324
tduepunti0 : = 4.7305552714311E+14
v=v_elettrone : = 3246263.0981976
x0= : -8.0234935664123E-14
y0= : -4.530499692047E-12
*****
i=35619
k(35619)=0.99998348257865
kQ(35619)=0.99996696543013
r1= : 4.5308063944822E-12
rpunto1: = -1723075.7392432
rduepunti0 : = -1.0659182605905E+25
fil : = 488.50009203878
fipunto1 : = 6.0763904641837E+17
fi_gradi : = 27988.993565575
t1 : = 1.0809620399464E-14
tpunto1 : = 1.000392212957
tduepunti0 : = 4.7344140784947E+14
v=v_elettrone : = 3247029.6728317
x0= : -7.9908576772339E-14
y0= : -4.5303036418385E-12
*****
i=35620
k(35620)=0.99998345860094
kQ(35620)=0.99996691747551
r1= : 4.5306043144109E-12
rpunto1: = -1724325.9369064
rduepunti0 : = -1.0660057916434E+25
fil : = 488.5001633019
fipunto1 : = 6.076932494591E+17
fi_gradi : = 27988.99764865
t1 : = 1.0809620516788E-14
tpunto1 : = 1.0003922685269
tduepunti0 : = 4.7382741438475E+14
v=v_elettrone : = 3247796.691332
x0= : -7.9582214902472E-14
y0= : -4.5301074220543E-12
```

```
*****
i=35621
k(35621)=0.99998343460387
kQ(35621)=0.99996686948216
r1= : 4.5304020877182E-12
rpunto1 : = -1725576.2373121
rduepunti0 : = -1.0660933969647E+25
fil : = 488.50023457137
fipunto1 : = 6.0774749908565E+17
fi_gradi : = 27989.00173209
t1 : = 1.0809620634113E-14
tpunto1 : = 1.000392324142
tduepunti0 : = 4.7421354687541E+14
v=v_elettrone : = 3248564.1535019
x0= : -7.9255850066353E-14
y0= : -4.5299110326793E-12
*****
i=35622
k(35622)=0.99998341058743
kQ(35622)=0.99996682145007
r1= : 4.5301997143918E-12
rpunto1 : = -1726826.6405473
rduepunti0 : = -1.0661810765848E+25
fil : = 488.5003058472
fipunto1 : = 6.0780179531834E+17
fi_gradi : = 27989.005815894
t1 : = 1.0809620751438E-14
tpunto1 : = 1.0003923798025
tduepunti0 : = 4.7459980544799E+14
v=v_elettrone : = 3249332.0591654
x0= : -7.892948227583E-14
y0= : -4.529714473698E-12
*****
i=35623
k(35623)=0.99998338655161
kQ(35623)=0.99996677337923
r1= : 4.5299971944198E-12
rpunto1 : = -1728077.1466991
rduepunti0 : = -1.0662688305338E+25
fil : = 488.5003771294
fipunto1 : = 6.0785613817753E+17
fi_gradi : = 27989.009900064
t1 : = 1.0809620868762E-14
tpunto1 : = 1.0003924355082
tduepunti0 : = 4.7498619022913E+14
v=v_elettrone : = 3250100.4081224
x0= : -7.8603111542762E-14
y0= : -4.5295177450951E-12
*****
i=35624
k(35624)=0.99998336249641
kQ(35624)=0.99996672526962
r1= : 4.5297945277901E-12
rpunto1 : = -1729327.7558549
rduepunti0 : = -1.0663566588423E+25
fil : = 488.50044841797
fipunto1 : = 6.0791052768357E+17
fi_gradi : = 27989.013984598
t1 : = 1.0809620986087E-14
tpunto1 : = 1.0003924912593
tduepunti0 : = 4.7537270134558E+14
v=v_elettrone : = 3250869.2020521
x0= : -7.8276737879022E-14
y0= : -4.5293208468553E-12
```

```
*****
i=35625
k(35625)=0.99998333842182
kQ(35625)=0.99996667712125
r1= : 4.5295917144905E-12
rpunto1 : = -1730578.4681017
rduepunti0 : = -1.0664445615406E+25
fil : = 488.50051971293
fipunto1 : = 6.0796496385686E+17
fi_gradi : = 27989.018069498
t1 : = 1.0809621103412E-14
tpunto1 : = 1.0003925470558
tduepunti0 : = 4.7575933892415E+14
v=v_elettrone : = 3251638.4388984
x0= : -7.795036129624E-14
y0= : -4.5291237789633E-12
*****
i=35626
k(35626)=0.99998331432784
kQ(35626)=0.99996662893408
r1= : 4.5293887545091E-12
rpunto1 : = -1731829.283527
rduepunti0 : = -1.0665325386591E+25
fil : = 488.50059101426
fipunto1 : = 6.0801944671782E+17
fi_gradi : = 27989.022154764
t1 : = 1.0809621220737E-14
tpunto1 : = 1.0003926028976
tduepunti0 : = 4.7614610309178E+14
v=v_elettrone : = 3252408.1184871
x0= : -7.7623981806318E-14
y0= : -4.5289265414036E-12
*****
i=35627
k(35627)=0.99998329021445
kQ(35627)=0.99996658070812
r1= : 4.5291856478336E-12
rpunto1 : = -1733080.2022181
rduepunti0 : = -1.0666205902283E+25
fil : = 488.50066232199
fipunto1 : = 6.0807397628687E+17
fi_gradi : = 27989.026240395
t1 : = 1.0809621338061E-14
tpunto1 : = 1.0003926587847
tduepunti0 : = 4.7653299397549E+14
v=v_elettrone : = 3253178.2406066
x0= : -7.729759942117E-14
y0= : -4.5287291341608E-12
*****
i=35628
k(35628)=0.99998326608166
kQ(35628)=0.99996653244335
r1= : 4.5289823944521E-12
rpunto1 : = -1734331.2242622
rduepunti0 : = -1.0667087162786E+25
fil : = 488.50073363611
fipunto1 : = 6.0812855258448E+17
fi_gradi : = 27989.030326394
t1 : = 1.0809621455386E-14
tpunto1 : = 1.0003927147173
tduepunti0 : = 4.7692001170239E+14
v=v_elettrone : = 3253948.8069457
x0= : -7.6971214152726E-14
y0= : -4.5285315572196E-12
```

```
*****
i=35629
k(35629)=0.99998324192946
kQ(35629)=0.99996648413975
r1= : 4.5287789943523E-12
rpunto1 : = -1735582.3497468
rduepunti0 : = -1.0667969168406E+25
fil : = 488.50080495663
fipunto1 : = 6.0818317563112E+17
fi_gradi : = 27989.034412758
t1 : = 1.0809621572711E-14
tpunto1 : = 1.0003927706952
tduepunti0 : = 4.7730715639969E+14
v=v_elettrone : = 3254719.8154621
x0= : -7.6644826012671E-14
y0= : -4.5283338105646E-12
*****
i=35630
k(35630)=0.99998321775784
kQ(35630)=0.99996643579733
r1= : 4.5285754475221E-12
rpunto1 : = -1736833.5787592
rduepunti0 : = -1.0668851919448E+25
fil : = 488.50087628356
fipunto1 : = 6.0823784544729E+17
fi_gradi : = 27989.03849949
t1 : = 1.0809621690035E-14
tpunto1 : = 1.0003928267186
tduepunti0 : = 4.7769442819471E+14
v=v_elettrone : = 3255491.2678034
x0= : -7.6318435012962E-14
y0= : -4.5281358941803E-12
*****
i=35631
k(35631)=0.9999831935668
kQ(35631)=0.99996638741605
r1= : 4.5283717539495E-12
rpunto1 : = -1738084.911387
rduepunti0 : = -1.0669735416219E+25
fil : = 488.5009476169
fipunto1 : = 6.0829256205351E+17
fi_gradi : = 27989.04258659
t1 : = 1.080962180736E-14
tpunto1 : = 1.0003928827874
tduepunti0 : = 4.7808182721484E+14
v=v_elettrone : = 3256263.1619429
x0= : -7.5992041165312E-14
y0= : -4.5279378080512E-12
*****
i=35632
k(35632)=0.99998316935632
kQ(35632)=0.99996633899592
r1= : 4.5281679136222E-12
rpunto1 : = -1739336.3477177
rduepunti0 : = -1.0670619659023E+25
fil : = 488.50101895666
fipunto1 : = 6.0834732547034E+17
fi_gradi : = 27989.046674057
t1 : = 1.0809621924685E-14
tpunto1 : = 1.0003929389017
tduepunti0 : = 4.7846935358757E+14
v=v_elettrone : = 3257035.4995388
x0= : -7.5665644481707E-14
y0= : -4.5277395521621E-12
```



```
*****
i=35633
k(35633)=0.99998314512641
kQ(35633)=0.99996629053691
r1= : 4.5279639265281E-12
rpunto1:= -1740587.8878387
rduepunti0 : = -1.0671504648168E+25
fil : = 488.50109030284
fipunto1 : = 6.0840213571833E+17
fi_gradi : = 27989.050761892
t1 : = 1.080962204201E-14
tpunto1 : = 1.0003929950614
tduepunti0 : = 4.7885700744051E+14
v=v_elettrone : = 3257808.2785545
x0= : -7.5339244973886E-14
y0= : -4.5275411264973E-12
*****
i=35634
k(35634)=0.99998312087706
kQ(35634)=0.99996624203903
r1= : 4.5277597926549E-12
rpunto1:= -1741839.5318376
rduepunti0 : = -1.067239038396E+25
fil : = 488.50116165544
fipunto1 : = 6.0845699281807E+17
fi_gradi : = 27989.054850095
t1 : = 1.0809622159335E-14
tpunto1 : = 1.0003930512666
tduepunti0 : = 4.7924478890134E+14
v=v_elettrone : = 3258581.5006513
x0= : -7.5012842653864E-14
y0= : -4.5273425310414E-12
*****
i=35635
k(35635)=0.99998309660826
kQ(35635)=0.99996619350224
r1= : 4.5275555119907E-12
rpunto1:= -1743091.2798021
rduepunti0 : = -1.0673276866707E+25
fil : = 488.50123301448
fipunto1 : = 6.0851189679018E+17
fi_gradi : = 27989.058938667
t1 : = 1.0809622276659E-14
tpunto1 : = 1.0003931075173
tduepunti0 : = 4.7963269809785E+14
v=v_elettrone : = 3259355.163797
x0= : -7.4686437533408E-14
y0= : -4.527143765779E-12
*****
i=35636
k(35636)=0.99998307232
kQ(35636)=0.99996614492656
r1= : 4.527351084523E-12
rpunto1:= -1744343.1318198
rduepunti0 : = -1.0674164096716E+25
fil : = 488.50130437996
fipunto1 : = 6.0856684765528E+17
fi_gradi : = 27989.063027608
t1 : = 1.0809622393984E-14
tpunto1 : = 1.0003931638135
tduepunti0 : = 4.8002073515791E+14
v=v_elettrone : = 3260129.2714928
x0= : -7.4360029624561E-14
y0= : -4.5269448306945E-12
```

```
*****
i=35637
k(35637)=0.99998304801229
kQ(35637)=0.99996609631195
r1= : 4.5271465102398E-12
rpunto1: = -1745595.0879783
rduepunti0 : = -1.0675052074295E+25
fil : = 488.50137575189
fipunto1 : = 6.0862184543404E+17
fi_gradi : = 27989.067116918
t1 : = 1.0809622511309E-14
tpunto1 : = 1.0003932201552
tduepunti0 : = 4.8040890020951E+14
v=v_elettrone : = 3260903.8198703
x0= : -7.4033618938861E-14
y0= : -4.5267457257724E-12
*****
i=35638
k(35638)=0.99998302368511
kQ(35638)=0.99996604765841
r1= : 4.5269417891288E-12
rpunto1: = -1746847.1483654
rduepunti0 : = -1.0675940799751E+25
fil : = 488.50144713026
fipunto1 : = 6.0867689014713E+17
fi_gradi : = 27989.071206597
t1 : = 1.0809622628634E-14
tpunto1 : = 1.0003932765425
tduepunti0 : = 4.8079719338072E+14
v=v_elettrone : = 3261678.8087089
x0= : -7.3707205488377E-14
y0= : -4.5265464509972E-12
*****
i=35639
k(35639)=0.99998299933845
kQ(35639)=0.99996599896593
r1= : 4.5267369211778E-12
rpunto1: = -1748099.3130688
rduepunti0 : = -1.0676830273393E+25
fil : = 488.50151851509
fipunto1 : = 6.0873198181524E+17
fi_gradi : = 27989.075296647
t1 : = 1.0809622745959E-14
tpunto1 : = 1.0003933329753
tduepunti0 : = 4.8118561479971E+14
v=v_elettrone : = 3262454.2415568
x0= : -7.3380789285193E-14
y0= : -4.5263470063534E-12
*****
i=35640
k(35640)=0.99998297497232
kQ(35640)=0.99996595023449
r1= : 4.5265319063745E-12
rpunto1: = -1749351.5821763
rduepunti0 : = -1.067772049553E+25
fil : = 488.50158990639
fipunto1 : = 6.0878712045911E+17
fi_gradi : = 27989.079387066
t1 : = 1.0809622863283E-14
tpunto1 : = 1.0003933894537
tduepunti0 : = 4.8157416459474E+14
v=v_elettrone : = 3263230.1163629
x0= : -7.305437034089E-14
y0= : -4.5261473918254E-12
```

```
*****
i=35641
k(35641)=0.9999829505867
kQ(35641)=0.99996590146409
r1= : 4.5263267447068E-12
rpunto1: = -1750603.9557757
rduepunti0 : = -1.0678611466471E+25
fil : = 488.50166130414
fipunto1 : = 6.0884230609947E+17
fi_gradi : = 27989.083477857
t1 : = 1.0809622980608E-14
tpunto1 : = 1.0003934459777
tduepunti0 : = 4.8196284289417E+14
v=v_elettrone : = 3264006.4310744
x0= : -7.2727948667322E-14
y0= : -4.5259476073977E-12
*****
i=35642
k(35642)=0.99998292618159
kQ(35642)=0.99996585265471
r1= : 4.5261214361623E-12
rpunto1: = -1751856.4339548
rduepunti0 : = -1.0679503186525E+25
fil : = 488.50173270837
fipunto1 : = 6.0889753875708E+17
fi_gradi : = 27989.087569018
t1 : = 1.0809623097933E-14
tpunto1 : = 1.0003935025473
tduepunti0 : = 4.8235164982648E+14
v=v_elettrone : = 3264783.1873773
x0= : -7.2401524276613E-14
y0= : -4.5257476530547E-12
*****
i=35643
k(35643)=0.99998290175699
kQ(35643)=0.99996580380633
r1= : 4.5259159807288E-12
rpunto1: = -1753109.0168016
rduepunti0 : = -1.0680395656002E+25
fil : = 488.50180411908
fipunto1 : = 6.0895281845275E+17
fi_gradi : = 27989.09166055
t1 : = 1.0809623215258E-14
tpunto1 : = 1.0003935591624
tduepunti0 : = 4.8274058552021E+14
v=v_elettrone : = 3265560.3869232
x0= : -7.2075097180647E-14
y0= : -4.5255475287808E-12
*****
i=35644
k(35644)=0.99998287731288
kQ(35644)=0.99996575491895
r1= : 4.5257103783941E-12
rpunto1: = -1754361.704404
rduepunti0 : = -1.0681288875211E+25
fil : = 488.50187553627
fipunto1 : = 6.0900814520727E+17
fi_gradi : = 27989.095752453
t1 : = 1.0809623332583E-14
tpunto1 : = 1.0003936158233
tduepunti0 : = 4.8312965010402E+14
v=v_elettrone : = 3266338.025827
x0= : -7.174866739106E-14
y0= : -4.5253472345605E-12
```

```
*****
i=35645
k(35645)=0.99998285284927
kQ(35645)=0.99996570599256
r1= : 4.5255046291457E-12
rpunto1 : = -1755614.4968499
rduepunti0 : = -1.0682182844464E+25
fil : = 488.50194695995
fipunto1 : = 6.0906351904149E+17
fi_gradi : = 27989.099844729
t1 : = 1.0809623449908E-14
tpunto1 : = 1.0003936725297
tduepunti0 : = 4.8351884370666E+14
v=v_elettrone : = 3267116.1075987
x0= : -7.1422234920021E-14
y0= : -4.525146770378E-12
*****
i=35646
k(35646)=0.99998282836613
kQ(35646)=0.99996565702713
r1= : 4.5252987329716E-12
rpunto1 : = -1756867.3942274
rduepunti0 : = -1.0683077564071E+25
fil : = 488.50201839013
fipunto1 : = 6.0911893997625E+17
fi_gradi : = 27989.103937376
t1 : = 1.0809623567233E-14
tpunto1 : = 1.0003937292818
tduepunti0 : = 4.8390816645698E+14
v=v_elettrone : = 3267894.6283517
x0= : -7.1095799779196E-14
y0= : -4.5249461362179E-12
*****
i=35647
k(35647)=0.99998280386348
kQ(35647)=0.99996560802267
r1= : 4.5250926898592E-12
rpunto1 : = -1758120.3966245
rduepunti0 : = -1.0683973034342E+25
fil : = 488.5020898268
fipunto1 : = 6.0917440803243E+17
fi_gradi : = 27989.108030396
t1 : = 1.0809623684557E-14
tpunto1 : = 1.0003937860796
tduepunti0 : = 4.8429761848392E+14
v=v_elettrone : = 3268673.5916048
x0= : -7.0769361980781E-14
y0= : -4.5247453320644E-12
*****
i=35648
k(35648)=0.9999827793413
kQ(35648)=0.99996555897915
r1= : 4.5248864997964E-12
rpunto1 : = -1759373.5041292
rduepunti0 : = -1.068486925559E+25
fil : = 488.50216126998
fipunto1 : = 6.0922992323094E+17
fi_gradi : = 27989.112123789
t1 : = 1.0809623801882E-14
tpunto1 : = 1.0003938429231
tduepunti0 : = 4.8468719991653E+14
v=v_elettrone : = 3269452.9953121
x0= : -7.0442921536472E-14
y0= : -4.524544357902E-12
```

```
*****
i=35649
k(35649)=0.99998275479959
kQ(35649)=0.99996550989657
r1= : 4.5246801627707E-12
rpunto1 : = -1760626.7168297
rduepunti0 : = -1.0685766228125E+25
fil : = 488.50223271967
fipunto1 : = 6.0928548559269E+17
fi_gradi : = 27989.116217554
t1 : = 1.0809623919207E-14
tpunto1 : = 1.0003938998123
tduepunti0 : = 4.8507691088395E+14
v=v_elettrone : = 3270232.841137
x0= : -7.0116478458235E-14
y0= : -4.5243432137149E-12
*****
i=35650
k(35650)=0.99998273023833
kQ(35650)=0.99996546077491
r1= : 4.5244736787699E-12
rpunto1 : = -1761880.0348141
rduepunti0 : = -1.068666395226E+25
fil : = 488.50230417587
fipunto1 : = 6.0934109513864E+17
fi_gradi : = 27989.120311693
t1 : = 1.0809624036532E-14
tpunto1 : = 1.0003939567472
tduepunti0 : = 4.8546675151542E+14
v=v_elettrone : = 3271013.125205
x0= : -6.9790032757793E-14
y0= : -4.5241418994875E-12
*****
i=35651
k(35651)=0.99998270565753
kQ(35651)=0.99996541161416
r1= : 4.5242670477816E-12
rpunto1 : = -1763133.4581705
rduepunti0 : = -1.0687562428307E+25
fil : = 488.5023756386
fipunto1 : = 6.0939675188973E+17
fi_gradi : = 27989.124406206
t1 : = 1.0809624153857E-14
tpunto1 : = 1.0003940137278
tduepunti0 : = 4.8585672194027E+14
v=v_elettrone : = 3271793.8510166
x0= : -6.9463584447401E-14
y0= : -4.5239404152042E-12
*****
i=35652
k(35652)=0.99998268105718
kQ(35652)=0.99996536241431
r1= : 4.5240602697935E-12
rpunto1 : = -1764386.9869874
rduepunti0 : = -1.0688461656579E+25
fil : = 488.50244710785
fipunto1 : = 6.0945245586698E+17
fi_gradi : = 27989.128501093
t1 : = 1.0809624271182E-14
tpunto1 : = 1.0003940707542
tduepunti0 : = 4.8624682228794E+14
v=v_elettrone : = 3272575.0183822
x0= : -6.9137133538809E-14
y0= : -4.5237387608491E-12
```

```
*****
i=35653
k(35653)=0.99998265643727
kQ(35653)=0.99996531317535
r1= : 4.5238533447931E-12
rpunto1 : = -1765640.6213527
rduepunti0 : = -1.0689361637388E+25
fil : = 488.50251858364
fipunto1 : = 6.0950820709138E+17
fi_gradi : = 27989.132596354
t1 : = 1.0809624388507E-14
tpunto1 : = 1.0003941278264
tduepunti0 : = 4.8663705268796E+14
v=v_elettrone : = 3273356.6234308
x0= : -6.8810680043784E-14
y0= : -4.5235369364067E-12
*****
i=35654
k(35654)=0.9999826317978
kQ(35654)=0.99996526389726
r1= : 4.5236462727682E-12
rpunto1 : = -1766894.361355
rduepunti0 : = -1.0690262371048E+25
fil : = 488.50259006597
fipunto1 : = 6.0956400558397E+17
fi_gradi : = 27989.136691989
t1 : = 1.0809624505832E-14
tpunto1 : = 1.0003941849443
tduepunti0 : = 4.8702741326997E+14
v=v_elettrone : = 3274138.6715096
x0= : -6.8484223974622E-14
y0= : -4.5233349418612E-12
*****
i=35655
k(35655)=0.99998260713876
kQ(35655)=0.99996521458003
r1= : 4.5234390537062E-12
rpunto1 : = -1768148.2070824
rduepunti0 : = -1.0691163857872E+25
fil : = 488.50266155484
fipunto1 : = 6.0961985136581E+17
fi_gradi : = 27989.140788
t1 : = 1.0809624623157E-14
tpunto1 : = 1.0003942421081
tduepunti0 : = 4.8741790416369E+14
v=v_elettrone : = 3274921.156892
x0= : -6.815776534286E-14
y0= : -4.5231327771969E-12
*****
i=35656
k(35656)=0.99998258246014
kQ(35656)=0.99996516522365
r1= : 4.5232316875949E-12
rpunto1 : = -1769402.1586234
rduepunti0 : = -1.0692066098174E+25
fil : = 488.50273305026
fipunto1 : = 6.0967574445798E+17
fi_gradi : = 27989.144884386
t1 : = 1.0809624740481E-14
tpunto1 : = 1.0003942993176
tduepunti0 : = 4.8780852549896E+14
v=v_elettrone : = 3275704.0849335
x0= : -6.7831304160823E-14
y0= : -4.522930442398E-12
```

```
*****
i=35657
k(35657)=0.99998255776193
kQ(35657)=0.9999651158281
r1= : 4.5230241744217E-12
rpunto1 : = -1770656.2160664
rduepunti0 : = -1.0692969092269E+25
fil : = 488.50280455223
fipunto1 : = 6.0973168488158E+17
fi_gradi : = 27989.148981147
t1 : = 1.0809624857806E-14
tpunto1 : = 1.000394356573
tduepunti0 : = 4.8819927740569E+14
v=v_elettrone : = 3276487.4517513
x0= : -6.7504840440076E-14
y0= : -4.5227279374488E-12
*****
i=35658
k(35658)=0.99998253304414
kQ(35658)=0.99996506639338
r1= : 4.5228165141744E-12
rpunto1 : = -1771910.3794998
rduepunti0 : = -1.069387284047E+25
fil : = 488.50287606077
fipunto1 : = 6.0978767265773E+17
fi_gradi : = 27989.153078284
t1 : = 1.0809624975131E-14
tpunto1 : = 1.0003944138742
tduepunti0 : = 4.8859016001392E+14
v=v_elettrone : = 3277271.2590125
x0= : -6.7178374192716E-14
y0= : -4.5225252623334E-12
*****
i=35659
k(35659)=0.99998250830676
kQ(35659)=0.99996501691947
r1= : 4.5226087068404E-12
rpunto1 : = -1773164.6490121
rduepunti0 : = -1.0694777343094E+25
fil : = 488.50294757587
fipunto1 : = 6.0984370780759E+17
fi_gradi : = 27989.157175798
t1 : = 1.0809625092456E-14
tpunto1 : = 1.0003944712213
tduepunti0 : = 4.8898117345377E+14
v=v_elettrone : = 3278055.5046744
x0= : -6.6851905430595E-14
y0= : -4.5223224170363E-12
*****
i=35660
k(35660)=0.99998248354977
kQ(35660)=0.99996496740636
r1= : 4.5224007524073E-12
rpunto1 : = -1774419.0246918
rduepunti0 : = -1.0695682600455E+25
fil : = 488.50301909754
fipunto1 : = 6.0989979035231E+17
fi_gradi : = 27989.161273688
t1 : = 1.0809625209781E-14
tpunto1 : = 1.0003945286142
tduepunti0 : = 4.8937231785546E+14
v=v_elettrone : = 3278840.1904067
x0= : -6.6525434165836E-14
y0= : -4.5221194015414E-12
```

```
*****
i=35661
k(35661)=0.99998245877317
kQ(35661)=0.99996491785404
r1= : 4.5221926508626E-12
rpunto1 : = -1775673.5066274
rduepunti0 : = -1.0696588612868E+25
fil : = 488.50309062579
fipunto1 : = 6.099559203131E+17
fi_gradi : = 27989.165371955
t1 : = 1.0809625327106E-14
tpunto1 : = 1.0003945860531
tduepunti0 : = 4.8976359334931E+14
v=v_elettrone : = 3279625.3160101
x0= : -6.6198960410322E-14
y0= : -4.5219162158331E-12
*****
i=35662
k(35662)=0.99998243397697
kQ(35662)=0.9999648682625
r1= : 4.521984402194E-12
rpunto1 : = -1776928.0949075
rduepunti0 : = -1.0697495380651E+25
fil : = 488.50316216063
fipunto1 : = 6.1001209771116E+17
fi_gradi : = 27989.169470599
t1 : = 1.0809625444431E-14
tpunto1 : = 1.0003946435378
tduepunti0 : = 4.9015500006576E+14
v=v_elettrone : = 3280410.8794727
x0= : -6.5872484175948E-14
y0= : -4.5217128598955E-12
*****
i=35663
k(35663)=0.99998240916114
kQ(35663)=0.99996481863171
r1= : 4.5217760063889E-12
rpunto1 : = -1778182.7896209
rduepunti0 : = -1.0698402904118E+25
fil : = 488.50323370205
fipunto1 : = 6.1006832256774E+17
fi_gradi : = 27989.17356962
t1 : = 1.0809625561756E-14
tpunto1 : = 1.0003947010684
tduepunti0 : = 4.9054653813531E+14
v=v_elettrone : = 3281196.8842785
x0= : -6.554600547488E-14
y0= : -4.5215093337128E-12
*****
i=35664
k(35664)=0.99998238432568
kQ(35664)=0.99996476896168
r1= : 4.5215674634348E-12
rpunto1 : = -1779437.590856
rduepunti0 : = -1.0699311183586E+25
fil : = 488.50330525006
fipunto1 : = 6.1012459490409E+17
fi_gradi : = 27989.17766902
t1 : = 1.0809625679081E-14
tpunto1 : = 1.000394758645
tduepunti0 : = 4.9093820768859E+14
v=v_elettrone : = 3281983.328401
x0= : -6.5219524318788E-14
y0= : -4.5213056372691E-12
```



```
*****
i=35665
k(35665)=0.9999823594706
kQ(35665)=0.99996471925238
r1= : 4.5213587733193E-12
rpunto1 : = -1780692.4987017
rduepunti0 : = -1.0700220219372E+25
fil : = 488.50337680468
fipunto1 : = 6.1018091474151E+17
fi_gradi : = 27989.181768797
t1 : = 1.0809625796406E-14
tpunto1 : = 1.0003948162676
tduepunti0 : = 4.9133000885633E+14
v=v_elettrone : = 3282770.2098192
x0= : -6.4893040719609E-14
y0= : -4.5211017705487E-12
*****
i=35666
k(35666)=0.99998233459587
kQ(35666)=0.99996466950381
r1= : 4.5211499360298E-12
rpunto1 : = -1781947.5132467
rduepunti0 : = -1.0701130011794E+25
fil : = 488.5034483659
fipunto1 : = 6.1023728210128E+17
fi_gradi : = 27989.185868953
t1 : = 1.0809625913731E-14
tpunto1 : = 1.0003948739361
tduepunti0 : = 4.9172194176933E+14
v=v_elettrone : = 3283557.5301901
x0= : -6.4566554689554E-14
y0= : -4.5208977335355E-12
*****
i=35667
k(35667)=0.9999823097015
kQ(35667)=0.99996461971595
r1= : 4.5209409515539E-12
rpunto1 : = -1783202.6345797
rduepunti0 : = -1.0702040561169E+25
fil : = 488.50351993373
fipunto1 : = 6.1029369700475E+17
fi_gradi : = 27989.189969488
t1 : = 1.0809626031056E-14
tpunto1 : = 1.0003949316506
tduepunti0 : = 4.9211400655853E+14
v=v_elettrone : = 3284345.2911569
x0= : -6.4240066240592E-14
y0= : -4.5206935262138E-12
*****
i=35668
k(35668)=0.99998228478748
kQ(35668)=0.99996456988879
r1= : 4.5207318198789E-12
rpunto1 : = -1784457.8627895
rduepunti0 : = -1.0702951867814E+25
fil : = 488.50359150818
fipunto1 : = 6.1035015947326E+17
fi_gradi : = 27989.194070401
t1 : = 1.0809626148381E-14
tpunto1 : = 1.0003949894111
tduepunti0 : = 4.9250620335494E+14
v=v_elettrone : = 3285133.4907101
x0= : -6.3913575384447E-14
y0= : -4.5204891485677E-12
```

```

*****
i=35669
k(35669)=0.9999822598538
kQ(35669)=0.99996452002232
r1= : 4.5205225409925E-12
rpunto1 : = -1785713.1979651
rduepunti0 : = -1.0703863932049E+25
fil : = 488.50366308925
fipunto1 : = 6.1040666952818E+17
fi_gradi : = 27989.198171695
t1 : = 1.0809626265706E-14
tpunto1 : = 1.0003950472176
tduepunti0 : = 4.9289853228969E+14
v=v_elettrone : = 3285922.1268022
x0= : -6.3587082133117E-14
y0= : -4.5202846005812E-12
*****
i=35670
k(35670)=0.99998223490046
kQ(35670)=0.99996447011652
r1= : 4.520313114882E-12
rpunto1 : = -1786968.6401952
rduepunti0 : = -1.070477675419E+25
fil : = 488.50373467694
fipunto1 : = 6.1046322719092E+17
fi_gradi : = 27989.202273367
t1 : = 1.0809626383031E-14
tpunto1 : = 1.0003951050701
tduepunti0 : = 4.9329099349399E+14
v=v_elettrone : = 3286711.2029477
x0= : -6.3260586498871E-14
y0= : -4.5200798822385E-12
*****
i=35671
k(35671)=0.99998220992745
kQ(35671)=0.99996442017138
r1= : 4.5201035415348E-12
rpunto1 : = -1788224.1895689
rduepunti0 : = -1.0705690334559E+25
fil : = 488.50380627127
fipunto1 : = 6.1051983248289E+17
fi_gradi : = 27989.20637542
t1 : = 1.0809626500356E-14
tpunto1 : = 1.0003951629686
tduepunti0 : = 4.9368358709916E+14
v=v_elettrone : = 3287500.7171055
x0= : -6.2934088493477E-14
y0= : -4.5198749935235E-12
*****
i=35672
k(35672)=0.99998218493476
kQ(35672)=0.9999643701869
r1= : 4.5198938209385E-12
rpunto1 : = -1789479.846175
rduepunti0 : = -1.0706604673472E+25
fil : = 488.50387787224
fipunto1 : = 6.1057648542553E+17
fi_gradi : = 27989.210477854
t1 : = 1.0809626617681E-14
tpunto1 : = 1.0003952209133
tduepunti0 : = 4.9407631323663E+14
v=v_elettrone : = 3288290.6709434
x0= : -6.2607588128975E-14
y0= : -4.5196699344205E-12

```

```
*****
i=35673
k(35673)=0.99998215992239
kQ(35673)=0.99996432016305
r1= : 4.5196839530804E-12
rpunto1 : = -1790735.6101026
rduepunti0 : = -1.0707519771251E+25
fil : = 488.50394947985
fipunto1 : = 6.1063318604032E+17
fi_gradi : = 27989.214580668
t1 : = 1.0809626735006E-14
tpunto1 : = 1.000395278904
tduepunti0 : = 4.9446917203792E+14
v=v_elettrone : = 3289081.0605934
x0= : -6.2281085417166E-14
y0= : -4.5194647049133E-12
*****
i=35674
k(35674)=0.99998213489033
kQ(35674)=0.99996427009983
r1= : 4.5194739379479E-12
rpunto1 : = -1791991.4814407
rduepunti0 : = -1.0708435628215E+25
fil : = 488.50402109412
fipunto1 : = 6.1068993434873E+17
fi_gradi : = 27989.218683863
t1 : = 1.0809626852331E-14
tpunto1 : = 1.0003953369408
tduepunti0 : = 4.9486216363466E+14
v=v_elettrone : = 3289871.8895366
x0= : -6.1954580370374E-14
y0= : -4.5192593049861E-12
*****
i=35675
k(35675)=0.99998210983858
kQ(35675)=0.99996421999722
r1= : 4.5192637755285E-12
rpunto1 : = -1793247.4602784
rduepunti0 : = -1.0709352244684E+25
fil : = 488.50409271503
fipunto1 : = 6.1074673037228E+17
fi_gradi : = 27989.222787439
t1 : = 1.0809626969656E-14
tpunto1 : = 1.0003953950236
tduepunti0 : = 4.9525528815856E+14
v=v_elettrone : = 3290663.1576029
x0= : -6.1628073000428E-14
y0= : -4.5190537346228E-12
*****
i=35676
k(35676)=0.99998208476713
kQ(35676)=0.99996416985521
r1= : 4.5190534658095E-12
rpunto1 : = -1794503.5467048
rduepunti0 : = -1.0710269620978E+25
fil : = 488.50416434261
fipunto1 : = 6.108035741325E+17
fi_gradi : = 27989.226891397
t1 : = 1.0809627086982E-14
tpunto1 : = 1.0003954531527
tduepunti0 : = 4.9564854574145E+14
v=v_elettrone : = 3291454.8627623
x0= : -6.130156331917E-14
y0= : -4.5188479938076E-12
```

```
*****
i=35677
k(35677)=0.99998205967597
kQ(35677)=0.99996411967379
r1= : 4.5188430087784E-12
rpunto1: = -1795759.740809
rduepunti0 : = -1.0711187757419E+25
fil : = 488.50423597686
fipunto1 : = 6.1086046565096E+17
fi_gradi : = 27989.230995737
t1 : = 1.0809627204307E-14
tpunto1 : = 1.0003955113278
tduepunti0 : = 4.9604193651526E+14
v=v_elettrone : = 3292247.0048276
x0= : -6.0975051338713E-14
y0= : -4.5186420825243E-12
*****
i=35678
k(35678)=0.99998203456509
kQ(35678)=0.99996406945294
r1= : 4.5186324044225E-12
rpunto1: = -1797016.0426802
rduepunti0 : = -1.0712106654327E+25
fil : = 488.50430761777
fipunto1 : = 6.1091740494922E+17
fi_gradi : = 27989.235100459
t1 : = 1.0809627321632E-14
tpunto1 : = 1.0003955695491
tduepunti0 : = 4.9643546061202E+14
v=v_elettrone : = 3293039.5854567
x0= : -6.0648537071186E-14
y0= : -4.518436000757E-12
*****
i=35679
k(35679)=0.9999820094345
kQ(35679)=0.99996401919265
r1= : 4.5184216527291E-12
rpunto1: = -1798272.4524077
rduepunti0 : = -1.0713026312024E+25
fil : = 488.50437926537
fipunto1 : = 6.1097439204889E+17
fi_gradi : = 27989.239205564
t1 : = 1.0809627438957E-14
tpunto1 : = 1.0003956278166
tduepunti0 : = 4.9682911816386E+14
v=v_elettrone : = 3293832.6044575
x0= : -6.0322020528475E-14
y0= : -4.5182297484896E-12
*****
i=35680
k(35680)=0.99998198428418
kQ(35680)=0.99996396889292
r1= : 4.5182107536856E-12
rpunto1: = -1799528.9700807
rduepunti0 : = -1.0713946730833E+25
fil : = 488.50445091965
fipunto1 : = 6.110314269716E+17
fi_gradi : = 27989.243311052
t1 : = 1.0809627556282E-14
tpunto1 : = 1.0003956861302
tduepunti0 : = 4.97222909303E+14
v=v_elettrone : = 3294626.0598172
x0= : -5.9995501722481E-14
y0= : -4.5180233257061E-12
```

```
*****
i=35681
k(35681)=0.99998195911412
kQ(35681)=0.99996391855372
r1= : 4.5179997072794E-12
rpunto1:= -1800785.5957886
rduepunti0 : = -1.0714867911074E+25
fil : = 488.50452258062
fipunto1 : = 6.11088509739E+17
fi_gradi : = 27989.247416922
t1 : = 1.0809627673607E-14
tpunto1 : = 1.0003957444901
tduepunti0 : = 4.9761683416179E+14
v=v_elettrone : = 3295419.9531738
x0= : -5.9668980665376E-14
y0= : -4.5178167323904E-12
*****
i=35682
k(35682)=0.99998193392433
kQ(35682)=0.99996386817504
r1= : 4.5177885134977E-12
rpunto1:= -1802042.3296206
rduepunti0 : = -1.0715789853072E+25
fil : = 488.50459424828
fipunto1 : = 6.1114564037276E+17
fi_gradi : = 27989.251523177
t1 : = 1.0809627790932E-14
tpunto1 : = 1.0003958028962
tduepunti0 : = 4.9801089287264E+14
v=v_elettrone : = 3296214.2825157
x0= : -5.934245736909E-14
y0= : -4.5176099685265E-12
*****
i=35683
k(35683)=0.99998190871479
kQ(35683)=0.99996381775688
r1= : 4.517577172328E-12
rpunto1:= -1803299.1716661
rduepunti0 : = -1.0716712557147E+25
fil : = 488.50466592264
fipunto1 : = 6.1120281889456E+17
fi_gradi : = 27989.255629815
t1 : = 1.0809627908257E-14
tpunto1 : = 1.0003958613485
tduepunti0 : = 4.9840508556811E+14
v=v_elettrone : = 3297009.0495055
x0= : -5.9015931845825E-14
y0= : -4.5174030340983E-12
*****
i=35684
k(35684)=0.9999818834855
kQ(35684)=0.99996376729921
r1= : 4.5173656837575E-12
rpunto1:= -1804556.1220145
rduepunti0 : = -1.0717636023625E+25
fil : = 488.50473760371
fipunto1 : = 6.1126004532614E+17
fi_gradi : = 27989.259736838
t1 : = 1.0809628025582E-14
tpunto1 : = 1.000395919847
tduepunti0 : = 4.9879941238083E+14
v=v_elettrone : = 3297804.253934
x0= : -5.8689404107541E-14
y0= : -4.5171959290897E-12
```

```
*****
i=35685
k(35685)=0.99998185823645
kQ(35685)=0.99996371680203
r1= : 4.5171540477734E-12
rpunto1: = -1805813.1807554
rduepunti0 : = -1.0718560252827E+25
fil : = 488.50480929149
fipunto1 : = 6.1131731968923E+17
fi_gradi : = 27989.263844245
t1 : = 1.0809628142907E-14
tpunto1 : = 1.0003959783918
tduepunti0 : = 4.9919387344353E+14
v=v_elettrone : = 3298599.8956316
x0= : -5.8362874166212E-14
y0= : -4.5169886534846E-12
*****
i=35686
k(35686)=0.99998183296764
kQ(35686)=0.99996366626533
r1= : 4.5169422643632E-12
rpunto1: = -1807070.3479781
rduepunti0 : = -1.0719485245079E+25
fil : = 488.50488098598
fipunto1 : = 6.113746420056E+17
fi_gradi : = 27989.267952037
t1 : = 1.0809628260233E-14
tpunto1 : = 1.0003960369829
tduepunti0 : = 4.9958846888907E+14
v=v_elettrone : = 3299395.9744111
x0= : -5.8036342033828E-14
y0= : -4.5167812072669E-12
*****
i=35687
k(35687)=0.99998180767906
kQ(35687)=0.99996361568908
r1= : 4.516730333514E-12
rpunto1: = -1808327.6237723
rduepunti0 : = -1.0720411000704E+25
fil : = 488.5049526872
fipunto1 : = 6.1143201229703E+17
fi_gradi : = 27989.272060215
t1 : = 1.0809628377558E-14
tpunto1 : = 1.0003960956203
tduepunti0 : = 4.9998319885038E+14
v=v_elettrone : = 3300192.490078
x0= : -5.7709807722393E-14
y0= : -4.5165735904204E-12
*****
i=35688
k(35688)=0.9999817823707
kQ(35688)=0.99996356507328
r1= : 4.5165182552132E-12
rpunto1: = -1809585.0082274
rduepunti0 : = -1.0721337520026E+25
fil : = 488.50502439515
fipunto1 : = 6.1148943058534E+17
fi_gradi : = 27989.276168777
t1 : = 1.0809628494883E-14
tpunto1 : = 1.0003961543039
tduepunti0 : = 5.0037806346052E+14
v=v_elettrone : = 3300989.4424671
x0= : -5.7383271243926E-14
y0= : -4.5163658029291E-12
```

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*****
i=35689
k(35689)=0.99998175704256
kQ(35689)=0.99996351441792
r1= : 4.5163060294479E-12
rpunto1 : = -1810842.5014331
rduepunti0 : = -1.0722264803372E+25
fil : = 488.50509610983
fipunto1 : = 6.1154689689235E+17
fi_gradi : = 27989.280277726
t1 : = 1.0809628612208E-14
tpunto1 : = 1.000396213034
tduepunti0 : = 5.0077306285264E+14
v=v_elettrone : = 3301786.8295497
x0= : -5.7056732610459E-14
y0= : -4.5161578447767E-12
*****
i=35690
k(35690)=0.99998173169463
kQ(35690)=0.99996346372298
r1= : 4.5160936562056E-12
rpunto1 : = -1812100.103479
rduepunti0 : = -1.0723192851065E+25
fil : = 488.50516783125
fipunto1 : = 6.1160441123993E+17
fi_gradi : = 27989.284387061
t1 : = 1.0809628729533E-14
tpunto1 : = 1.0003962718103
tduepunti0 : = 5.0116819715998E+14
v=v_elettrone : = 3302584.6548045
x0= : -5.67301918343E-14
y0= : -4.5159497159471E-12
*****
i=35691
k(35691)=0.9999817063269
kQ(35691)=0.99996341298845
r1= : 4.5158811354732E-12
rpunto1 : = -1813357.8144548
rduepunti0 : = -1.0724121663432E+25
fil : = 488.50523955942
fipunto1 : = 6.1166197364995E+17
fi_gradi : = 27989.288496782
t1 : = 1.0809628846858E-14
tpunto1 : = 1.000396330633
tduepunti0 : = 5.0156346651591E+14
v=v_elettrone : = 3303382.9162175
x0= : -5.6403648927254E-14
y0= : -4.5157414164241E-12
*****
i=35692
k(35692)=0.99998168093937
kQ(35692)=0.99996336221432
r1= : 4.5156684672382E-12
rpunto1 : = -1814615.6344502
rduepunti0 : = -1.0725051240798E+25
fil : = 488.50531129434
fipunto1 : = 6.1171958414432E+17
fi_gradi : = 27989.29260689
t1 : = 1.0809628964183E-14
tpunto1 : = 1.0003963895021
tduepunti0 : = 5.0195887105389E+14
v=v_elettrone : = 3304181.613609
x0= : -5.6077103901399E-14
y0= : -4.5155329461915E-12

```

```
*****
i=35693
k(35693)=0.99998165553203
kQ(35693)=0.99996331140057
r1= : 4.5154556514877E-12
rpunto1: = -1815873.563555
rduepunti0 : = -1.0725981583489E+25
fil : = 488.50538303601
fipunto1 : = 6.1177724274496E+17
fi_gradi : = 27989.296717385
t1 : = 1.0809629081509E-14
tpunto1 : = 1.0003964484176
tduepunti0 : = 5.0235441090747E+14
v=v_elettrone : = 3304980.7486177
x0= : -5.575055676883E-14
y0= : -4.5153243052332E-12
*****
i=35694
k(35694)=0.99998163010487
kQ(35694)=0.99996326054719
r1= : 4.5152426882089E-12
rpunto1: = -1817131.601859
rduepunti0 : = -1.0726912691832E+25
fil : = 488.50545478444
fipunto1 : = 6.1183494947383E+17
fi_gradi : = 27989.300828268
t1 : = 1.0809629198834E-14
tpunto1 : = 1.0003965073794
tduepunti0 : = 5.0275008621033E+14
v=v_elettrone : = 3305780.3174066
x0= : -5.5424007541397E-14
y0= : -4.5151154935328E-12
*****
i=35695
k(35695)=0.99998160465789
kQ(35695)=0.99996320965417
r1= : 4.515029577389E-12
rpunto1: = -1818389.749452
rduepunti0 : = -1.0727844566155E+25
fil : = 488.50552653965
fipunto1 : = 6.118927043529E+17
fi_gradi : = 27989.304939538
t1 : = 1.0809629316159E-14
tpunto1 : = 1.0003965663877
tduepunti0 : = 5.0314589709623E+14
v=v_elettrone : = 3306580.3234462
x0= : -5.5097456231479E-14
y0= : -4.5149065110743E-12
*****
i=35696
k(35696)=0.99998157919109
kQ(35696)=0.9999631587215
r1= : 4.5148163190152E-12
rpunto1: = -1819648.0064239
rduepunti0 : = -1.0728777206783E+25
fil : = 488.50559830162
fipunto1 : = 6.1195050740417E+17
fi_gradi : = 27989.309051196
t1 : = 1.0809629433484E-14
tpunto1 : = 1.0003966254425
tduepunti0 : = 5.0354184369905E+14
v=v_elettrone : = 3307380.7647253
x0= : -5.477090285096E-14
y0= : -4.5146973578412E-12
```



```
*****
i=35697
k(35697)=0.99998155370445
kQ(35697)=0.99996310774916
r1= : 4.5146029130747E-12
rpunto1: = -1820906.3728645
rduepunti0 : = -1.0729710614046E+25
fil : = 488.50567007038
fipunto1 : = 6.1200835864965E+17
fi_gradi : = 27989.313163243
t1 : = 1.0809629550809E-14
tpunto1 : = 1.0003966845436
tduepunti0 : = 5.0393792615276E+14
v=v_elettrone : = 3308181.6428847
x0= : -5.444434741199E-14
y0= : -4.5144880338175E-12
*****
i=35698
k(35698)=0.99998152819797
kQ(35698)=0.99996305673714
r1= : 4.5143893595546E-12
rpunto1: = -1822164.8488639
rduepunti0 : = -1.073064478827E+25
fil : = 488.50574184592
fipunto1 : = 6.1206625811138E+17
fi_gradi : = 27989.317275679
t1 : = 1.0809629668135E-14
tpunto1 : = 1.0003967436913
tduepunti0 : = 5.0433414459146E+14
v=v_elettrone : = 3308982.9559215
x0= : -5.4117789926482E-14
y0= : -4.5142785389867E-12
*****
i=35699
k(35699)=0.99998150267164
kQ(35699)=0.99996300568543
r1= : 4.5141756584421E-12
rpunto1: = -1823423.434512
rduepunti0 : = -1.0731579729784E+25
fil : = 488.50581362825
fipunto1 : = 6.1212420581145E+17
fi_gradi : = 27989.321388503
t1 : = 1.080962978546E-14
tpunto1 : = 1.0003968028854
tduepunti0 : = 5.0473049914931E+14
v=v_elettrone : = 3309784.7036464
x0= : -5.3791230406618E-14
y0= : -4.5140688733327E-12
*****
i=35700
k(35700)=0.99998147712546
kQ(35700)=0.99996295459401
r1= : 4.5139618097243E-12
rpunto1: = -1824682.1298988
rduepunti0 : = -1.0732515438916E+25
fil : = 488.50588541738
fipunto1 : = 6.1218220177193E+17
fi_gradi : = 27989.325501717
t1 : = 1.0809629902785E-14
tpunto1 : = 1.0003968621261
tduepunti0 : = 5.0512698996061E+14
v=v_elettrone : = 3310586.8877063
x0= : -5.3464668864596E-14
y0= : -4.5138590368392E-12
```

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*****
i=35701
k(35701)=0.99998145155941
kQ(35701)=0.99996290346287
r1= : 4.5137478133884E-12
rpunto1: = -1825940.9351145
rduepunti0 : = -1.0733451915996E+25
fil : = 488.50595721331
fipunto1 : = 6.1224024601494E+17
fi_gradi : = 27989.329615321
t1 : = 1.080963002011E-14
tpunto1 : = 1.0003969214132
tduepunti0 : = 5.0552361715975E+14
v=v_elettrone : = 3311389.5079062
x0= : -5.3138105312372E-14
y0= : -4.5136490294897E-12
*****
i=35702
k(35702)=0.99998142597351
kQ(35702)=0.999962852292
r1= : 4.5135336694214E-12
rpunto1: = -1827199.850249
rduepunti0 : = -1.0734389161352E+25
fil : = 488.50602901604
fipunto1 : = 6.1229833856261E+17
fi_gradi : = 27989.333729315
t1 : = 1.0809630137436E-14
tpunto1 : = 1.0003969807469
tduepunti0 : = 5.0592038088124E+14
v=v_elettrone : = 3312192.5622538
x0= : -5.2811539761919E-14
y0= : -4.5134388512681E-12
*****
i=35703
k(35703)=0.99998140036772
kQ(35703)=0.99996280108139
r1= : 4.5133193778105E-12
rpunto1: = -1828458.8753926
rduepunti0 : = -1.0735327175315E+25
fil : = 488.50610082559
fipunto1 : = 6.1235647943711E+17
fi_gradi : = 27989.337843699
t1 : = 1.0809630254761E-14
tpunto1 : = 1.0003970401271
tduepunti0 : = 5.0631728125967E+14
v=v_elettrone : = 3312996.052376
x0= : -5.2484972225478E-14
y0= : -4.513228502158E-12
*****
i=35704
k(35704)=0.99998137474206
kQ(35704)=0.99996274983102
r1= : 4.5131049385428E-12
rpunto1: = -1829718.0106355
rduepunti0 : = -1.0736265958214E+25
fil : = 488.50617264196
fipunto1 : = 6.1241466866063E+17
fi_gradi : = 27989.341958474
t1 : = 1.0809630372086E-14
tpunto1 : = 1.0003970995539
tduepunti0 : = 5.0671431842975E+14
v=v_elettrone : = 3313799.978101
x0= : -5.2158402715051E-14
y0= : -4.513017982143E-12
```

```
*****
i=35705
k(35705)=0.99998134909651
kQ(35705)=0.99996269854088
r1= : 4.5128903516054E-12
rpunto1: = -1830977.2560678
rduepunti0 : = -1.0737205510379E+25
fil : = 488.50624446515
fipunto1 : = 6.1247290625536E+17
fi_gradi : = 27989.346073639
t1 : = 1.0809630489411E-14
tpunto1 : = 1.0003971590273
tduepunti0 : = 5.0711149252629E+14
v=v_elettrone : = 3314604.3374119
x0= : -5.1831831242654E-14
y0= : -4.5128072912068E-12
*****
i=35706
k(35706)=0.99998132343107
kQ(35706)=0.99996264721096
r1= : 4.5126756169853E-12
rpunto1: = -1832236.6117798
rduepunti0 : = -1.0738145832142E+25
fil : = 488.50631629517
fipunto1 : = 6.1253119224354E+17
fi_gradi : = 27989.350189196
t1 : = 1.0809630606737E-14
tpunto1 : = 1.0003972185473
tduepunti0 : = 5.0750880368422E+14
v=v_elettrone : = 3315409.1319534
x0= : -5.1505257820577E-14
y0= : -4.5125964293331E-12
*****
i=35707
k(35707)=0.99998129774573
kQ(35707)=0.99996259584124
r1= : 4.5124607346696E-12
rpunto1: = -1833496.0778618
rduepunti0 : = -1.0739086923832E+25
fil : = 488.50638813203
fipunto1 : = 6.1258952664743E+17
fi_gradi : = 27989.354305145
t1 : = 1.0809630724062E-14
tpunto1 : = 1.0003972781138
tduepunti0 : = 5.0790625203854E+14
v=v_elettrone : = 3316214.36155
x0= : -5.1178682460865E-14
y0= : -4.5123853965054E-12
*****
i=35708
k(35708)=0.99998127204049
kQ(35708)=0.99996254443171
r1= : 4.5122457046453E-12
rpunto1: = -1834755.6544041
rduepunti0 : = -1.0740028785783E+25
fil : = 488.50645997573
fipunto1 : = 6.126479094893E+17
fi_gradi : = 27989.358421486
t1 : = 1.0809630841387E-14
tpunto1 : = 1.000397337727
tduepunti0 : = 5.0830383772439E+14
v=v_elettrone : = 3317020.0260042
x0= : -5.085210517558E-14
y0= : -4.5121741927073E-12
```

```
*****
i=35709
k(35709)=0.99998124631533
kQ(35709)=0.99996249298236
r1= : 4.5120305268996E-12
rpunto1 : = -1836015.3414972
rduepunti0 : = -1.0740971418324E+25
fil : = 488.50653182628
fipunto1 : = 6.1270634079146E+17
fi_gradi : = 27989.362538219
t1 : = 1.0809630958712E-14
tpunto1 : = 1.0003973973869
tduepunti0 : = 5.0870156087701E+14
v=v_elettrone : = 3317826.1251409
x0= : -5.0525525976799E-14
y0= : -4.5119628179225E-12
*****
i=35710
k(35710)=0.99998122057026
kQ(35710)=0.99996244149318
r1= : 4.5118152014194E-12
rpunto1 : = -1837275.1392313
rduepunti0 : = -1.0741914821788E+25
fil : = 488.50660368368
fipunto1 : = 6.1276482057623E+17
fi_gradi : = 27989.366655345
t1 : = 1.0809631076038E-14
tpunto1 : = 1.0003974570934
tduepunti0 : = 5.0909942163172E+14
v=v_elettrone : = 3318632.6587816
x0= : -5.0198944876616E-14
y0= : -4.5117512721345E-12
*****
i=35711
k(35711)=0.99998119480525
kQ(35711)=0.99996238996415
r1= : 4.5115997281918E-12
rpunto1 : = -1838535.0476971
rduepunti0 : = -1.0742858996508E+25
fil : = 488.50667554793
fipunto1 : = 6.1282334886596E+17
fi_gradi : = 27989.370772863
t1 : = 1.0809631193363E-14
tpunto1 : = 1.0003975168466
tduepunti0 : = 5.0949742012398E+14
v=v_elettrone : = 3319439.6249169
x0= : -4.9872361887136E-14
y0= : -4.5115395553269E-12
*****
i=35712
k(35712)=0.99998116902032
kQ(35712)=0.99996233839525
r1= : 4.5113841072037E-12
rpunto1 : = -1839795.0669849
rduepunti0 : = -1.0743803942816E+25
fil : = 488.50674741906
fipunto1 : = 6.1288192568303E+17
fi_gradi : = 27989.374890775
t1 : = 1.0809631310688E-14
tpunto1 : = 1.0003975766465
tduepunti0 : = 5.0989555648933E+14
v=v_elettrone : = 3320247.0270005
x0= : -4.9545777020739E-14
y0= : -4.5113276674832E-12
```

```
*****
i=35713
k(35713)=0.99998114321545
kQ(35713)=0.99996228678648
r1= : 4.5111683384423E-12
rpunto1 : = -1841055.1971854
rduepunti0 : = -1.0744749661045E+25
fil : = 488.50681929705
fipunto1 : = 6.1294055104983E+17
fi_gradi : = 27989.379009081
t1 : = 1.0809631428014E-14
tpunto1 : = 1.0003976364931
tduepunti0 : = 5.1029383086343E+14
v=v_elettrone : = 3321054.8630378
x0= : -4.9219190289306E-14
y0= : -4.5111156085871E-12
*****
i=35714
k(35714)=0.99998111739064
kQ(35714)=0.99996223513783
r1= : 4.5109524218944E-12
rpunto1 : = -1842315.4383889
rduepunti0 : = -1.0745696151529E+25
fil : = 488.50689118191
fipunto1 : = 6.1299922498877E+17
fi_gradi : = 27989.38312778
t1 : = 1.0809631545339E-14
tpunto1 : = 1.0003976963864
tduepunti0 : = 5.1069224338203E+14
v=v_elettrone : = 3321863.1346646
x0= : -4.889260170499E-14
y0= : -4.5109033786219E-12
*****
i=35715
k(35715)=0.99998109154587
kQ(35715)=0.99996218344927
r1= : 4.5107363575471E-12
rpunto1 : = -1843575.7906863
rduepunti0 : = -1.0746643414601E+25
fil : = 488.50696307366
fipunto1 : = 6.1305794752232E+17
fi_gradi : = 27989.387246874
t1 : = 1.0809631662664E-14
tpunto1 : = 1.0003977563265
tduepunti0 : = 5.1109079418102E+14
v=v_elettrone : = 3322671.8380593
x0= : -4.8566011279703E-14
y0= : -4.5106909775713E-12
*****
i=35716
k(35716)=0.99998106568115
kQ(35716)=0.9999621317208
r1= : 4.5105201453873E-12
rpunto1 : = -1844836.2541681
rduepunti0 : = -1.0747591450595E+25
fil : = 488.5070349723
fipunto1 : = 6.1311671867293E+17
fi_gradi : = 27989.391366362
t1 : = 1.080963177999E-14
tpunto1 : = 1.0003978163133
tduepunti0 : = 5.1148948339635E+14
v=v_elettrone : = 3323480.9766716
x0= : -4.8239419025885E-14
y0= : -4.5104784054188E-12
```

```
*****
i=35717
k(35717)=0.99998103979646
kQ(35717)=0.99996207995241
r1= : 4.510303785402E-12
rpunto1 : = -1846096.828925
rduepunti0 : = -1.0748540259846E+25
fil : = 488.50710687783
fipunto1 : = 6.1317553846309E+17
fi_gradi : = 27989.395486246
t1 : = 1.0809631897315E-14
tpunto1 : = 1.0003978763469
tduepunti0 : = 5.1188831116411E+14
v=v_elettrone : = 3324290.5485135
x0= : -4.7912824955479E-14
y0= : -4.5102656621478E-12
*****
i=35718
k(35718)=0.9999810138918
kQ(35718)=0.99996202814408
r1= : 4.5100872775781E-12
rpunto1 : = -1847357.5150477
rduepunti0 : = -1.0749489842689E+25
fil : = 488.50717879025
fipunto1 : = 6.1323440691532E+17
fi_gradi : = 27989.399606524
t1 : = 1.080963201464E-14
tpunto1 : = 1.0003979364273
tduepunti0 : = 5.1228727762049E+14
v=v_elettrone : = 3325100.5533882
x0= : -4.7586229080697E-14
y0= : -4.5100527477418E-12
*****
i=35719
k(35719)=0.99998098796717
kQ(35719)=0.99996197629579
r1= : 4.5098706219027E-12
rpunto1 : = -1848618.3126271
rduepunti0 : = -1.0750440199458E+25
fil : = 488.50725070958
fipunto1 : = 6.1329332405217E+17
fi_gradi : = 27989.403727198
t1 : = 1.0809632131966E-14
tpunto1 : = 1.0003979965544
tduepunti0 : = 5.1268638290177E+14
v=v_elettrone : = 3325910.9929412
x0= : -4.725963141377E-14
y0= : -4.5098396621843E-12
*****
i=35720
k(35720)=0.99998096202255
kQ(35720)=0.99996192440754
r1= : 4.5096538183625E-12
rpunto1 : = -1849879.2217538
rduepunti0 : = -1.0751391330489E+25
fil : = 488.50732263582
fipunto1 : = 6.1335228989619E+17
fi_gradi : = 27989.407848268
t1 : = 1.0809632249291E-14
tpunto1 : = 1.0003980567285
tduepunti0 : = 5.1308562714437E+14
v=v_elettrone : = 3326721.8651637
x0= : -4.6933031966686E-14
y0= : -4.5096264054588E-12
```

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*****
i=35721
k(35721)=0.99998093605794
kQ(35721)=0.99996187247931
r1= : 4.5094368669445E-12
rpunto1 : = -1851140.2425188
rduepunti0 : = -1.0752343236118E+25
fil : = 488.50739456898
fipunto1 : = 6.1341130446997E+17
fi_gradi : = 27989.411969734
t1 : = 1.0809632366617E-14
tpunto1 : = 1.0003981169493
tduepunti0 : = 5.1348501048479E+14
v=v_elettrone : = 3327533.169886
x0= : -4.6606430751705E-14
y0= : -4.5094129775486E-12
*****
i=35722
k(35722)=0.99998091007333
kQ(35722)=0.99996182051108
r1= : 4.5092197676357E-12
rpunto1 : = -1852401.3750129
rduepunti0 : = -1.0753295916681E+25
fil : = 488.50746650905
fipunto1 : = 6.1347036779612E+17
fi_gradi : = 27989.416091597
t1 : = 1.0809632483942E-14
tpunto1 : = 1.000398177217
tduepunti0 : = 5.1388453305963E+14
v=v_elettrone : = 3328344.9105504
x0= : -4.6279827781103E-14
y0= : -4.5091993784373E-12
*****
i=35723
k(35723)=0.99998088406872
kQ(35723)=0.99996176850285
r1= : 4.5090025204229E-12
rpunto1 : = -1853662.6193271
rduepunti0 : = -1.0754249372515E+25
fil : = 488.50753845606
fipunto1 : = 6.1352947989728E+17
fi_gradi : = 27989.420213857
t1 : = 1.0809632601267E-14
tpunto1 : = 1.0003982375316
tduepunti0 : = 5.1428419500563E+14
v=v_elettrone : = 3329157.081534
x0= : -4.5953223066656E-14
y0= : -4.5089856081082E-12
*****
i=35724
k(35724)=0.9999808580441
kQ(35724)=0.99996171645461
r1= : 4.5087851252931E-12
rpunto1 : = -1854923.9755523
rduepunti0 : = -1.0755203603955E+25
fil : = 488.50761040999
fipunto1 : = 6.1358864079611E+17
fi_gradi : = 27989.424336514
t1 : = 1.0809632718593E-14
tpunto1 : = 1.0003982978931
tduepunti0 : = 5.1468399645961E+14
v=v_elettrone : = 3329969.6880912
x0= : -4.5626616620928E-14
y0= : -4.5087716665447E-12

```

```
*****
i=35725
k(35725)=0.99998083199946
kQ(35725)=0.99996166436633
r1= : 4.508567582233E-12
rpunto1 : = -1856185.4437795
rduepunti0 : = -1.0756158611341E+25
fil : = 488.50768237087
fipunto1 : = 6.1364785051529E+17
fi_gradi : = 27989.428459568
t1 : = 1.0809632835918E-14
tpunto1 : = 1.0003983583014
tduepunti0 : = 5.150839375585E+14
v=v_elettrone : = 3330782.7264144
x0= : -4.5300008455728E-14
y0= : -4.5085575537302E-12
*****
i=35726
k(35726)=0.9999808059348
kQ(35726)=0.99996161223801
r1= : 4.5083498912295E-12
rpunto1 : = -1857447.0240997
rduepunti0 : = -1.0757114395008E+25
fil : = 488.50775433868
fipunto1 : = 6.1370710907752E+17
fi_gradi : = 27989.43258302
t1 : = 1.0809632953244E-14
tpunto1 : = 1.0003984187567
tduepunti0 : = 5.1548401843936E+14
v=v_elettrone : = 3331596.1981423
x0= : -4.4973398583392E-14
y0= : -4.5083432696482E-12
*****
i=35727
k(35727)=0.99998077985011
kQ(35727)=0.99996156006963
r1= : 4.5081320522696E-12
rpunto1 : = -1858708.7166041
rduepunti0 : = -1.0758070955295E+25
fil : = 488.50782631345
fipunto1 : = 6.1376641650555E+17
fi_gradi : = 27989.436706871
t1 : = 1.0809633070569E-14
tpunto1 : = 1.000398479259
tduepunti0 : = 5.1588423923932E+14
v=v_elettrone : = 3332410.1012705
x0= : -4.4646787016016E-14
y0= : -4.5081288142819E-12
*****
i=35728
k(35728)=0.99998075374538
kQ(35728)=0.99996150786118
r1= : 4.5079140653401E-12
rpunto1 : = -1859970.5213838
rduepunti0 : = -1.075902829254E+25
fil : = 488.50789829517
fipunto1 : = 6.1382577282211E+17
fi_gradi : = 27989.44083112
t1 : = 1.0809633187894E-14
tpunto1 : = 1.0003985398081
tduepunti0 : = 5.1628460009566E+14
v=v_elettrone : = 3333224.439255
x0= : -4.4320173765969E-14
y0= : -4.5079141876147E-12
```



```
*****
i=35729
k(35729)=0.99998072762061
kQ(35729)=0.99996145561264
r1= : 4.5076959304277E-12
rpunto1 : = -1861232.4385299
rduepunti0 : = -1.0759986407081E+25
fil : = 488.50797028386
fipunto1 : = 6.1388517805E+17
fi_gradi : = 27989.444955767
t1 : = 1.080963330522E-14
tpunto1 : = 1.0003986004043
tduepunti0 : = 5.1668510114574E+14
v=v_elettrone : = 3334039.2082736
x0= : -4.3993558845121E-14
y0= : -4.50769938963E-12
*****
i=35730
k(35730)=0.99998070147579
kQ(35730)=0.99996140332401
r1= : 4.5074776475193E-12
rpunto1 : = -1862494.4681336
rduepunti0 : = -1.0760945299259E+25
fil : = 488.50804227951
fipunto1 : = 6.1394463221201E+17
fi_gradi : = 27989.449080814
t1 : = 1.0809633422545E-14
tpunto1 : = 1.0003986610474
tduepunti0 : = 5.1708574252704E+14
v=v_elettrone : = 3334854.4099748
x0= : -4.366694226587E-14
y0= : -4.5074844203111E-12
*****
i=35731
k(35731)=0.99998067531091
kQ(35731)=0.99996135099527
r1= : 4.5072592166017E-12
rpunto1 : = -1863756.6102862
rduepunti0 : = -1.0761904969411E+25
fil : = 488.50811428213
fipunto1 : = 6.1400413533097E+17
fi_gradi : = 27989.453206261
t1 : = 1.0809633539871E-14
tpunto1 : = 1.0003987217376
tduepunti0 : = 5.1748652437713E+14
v=v_elettrone : = 3335670.0441621
x0= : -4.3340324040375E-14
y0= : -4.5072692796413E-12
*****
i=35732
k(35732)=0.99998064912597
kQ(35732)=0.9999612986264
r1= : 4.5070406376618E-12
rpunto1 : = -1865018.8650789
rduepunti0 : = -1.0762865417877E+25
fil : = 488.50818629174
fipunto1 : = 6.1406368742974E+17
fi_gradi : = 27989.457332107
t1 : = 1.0809633657196E-14
tpunto1 : = 1.0003987824747
tduepunti0 : = 5.1788744683371E+14
v=v_elettrone : = 3336486.1124774
x0= : -4.3013704180809E-14
y0= : -4.5070539676039E-12
```

```
*****
i=35733
k(35733)=0.99998062292096
kQ(35733)=0.99996124621739
r1= : 4.5068219106863E-12
rpunto1 : = -1866281.2326031
rduepunti0 : = -1.0763826644999E+25
fil : = 488.50825830832
fipunto1 : = 6.1412328853119E+17
fi_gradi : = 27989.461458354
t1 : = 1.0809633774522E-14
tpunto1 : = 1.0003988432589
tduepunti0 : = 5.1828851003459E+14
v=v_elettrone : = 3337302.6111075
x0= : -4.2687082699105E-14
y0= : -4.5068384841822E-12
*****
i=35734
k(35734)=0.99998059669587
kQ(35734)=0.99996119376824
r1= : 4.5066030356619E-12
rpunto1 : = -1867543.7129501
rduepunti0 : = -1.0764788651114E+25
fil : = 488.5083303319
fipunto1 : = 6.1418293865822E+17
fi_gradi : = 27989.465585001
t1 : = 1.0809633891847E-14
tpunto1 : = 1.0003989040902
tduepunti0 : = 5.1868971411767E+14
v=v_elettrone : = 3338119.5416837
x0= : -4.2360459607724E-14
y0= : -4.5066228293594E-12
*****
i=35735
k(35735)=0.99998057045071
kQ(35735)=0.99996114127892
r1= : 4.5063840125755E-12
rpunto1 : = -1868806.3062113
rduepunti0 : = -1.0765751436565E+25
fil : = 488.50840236247
fipunto1 : = 6.1424263783375E+17
fi_gradi : = 27989.469712048
t1 : = 1.0809634009173E-14
tpunto1 : = 1.0003989649685
tduepunti0 : = 5.1909105922096E+14
v=v_elettrone : = 3338936.9058436
x0= : -4.2033834918885E-14
y0= : -4.5064070031189E-12
*****
i=35736
k(35736)=0.99998054418545
kQ(35736)=0.99996108874942
r1= : 4.5061648414138E-12
rpunto1 : = -1870069.0124782
rduepunti0 : = -1.0766715001693E+25
fil : = 488.50847440005
fipunto1 : = 6.1430238608073E+17
fi_gradi : = 27989.473839497
t1 : = 1.0809634126498E-14
tpunto1 : = 1.0003990258939
tduepunti0 : = 5.1949254548261E+14
v=v_elettrone : = 3339754.6997768
x0= : -4.1707208644569E-14
y0= : -4.5061910054439E-12
```

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*****
i=35737
k(35737)=0.99998051790009
kQ(35737)=0.99996103617973
r1= : 4.5059455221636E-12
rpunto1 : = -1871331.8318422
rduepunti0 : = -1.0767679346838E+25
fil : = 488.50854644463
fipunto1 : = 6.1436218342214E+17
fi_gradi : = 27989.477967348
t1 : = 1.0809634243824E-14
tpunto1 : = 1.0003990868664
tduepunti0 : = 5.1989417304084E+14
v=v_elettrone : = 3340572.9269312
x0= : -4.1380580797282E-14
y0= : -4.5059748363176E-12
*****
i=35738
k(35738)=0.99998049159463
kQ(35738)=0.99996098356984
r1= : 4.5057260548116E-12
rpunto1 : = -1872594.7643948
rduepunti0 : = -1.0768644472343E+25
fil : = 488.50861849622
fipunto1 : = 6.1442202988096E+17
fi_gradi : = 27989.4820956
t1 : = 1.0809634361149E-14
tpunto1 : = 1.0003991478861
tduepunti0 : = 5.20295942034E+14
v=v_elettrone : = 3341391.5853116
x0= : -4.1053951389036E-14
y0= : -4.5057584957232E-12
*****
i=35739
k(35739)=0.99998046526906
kQ(35739)=0.99996093091973
r1= : 4.5055064393445E-12
rpunto1 : = -1873857.8102277
rduepunti0 : = -1.076961037855E+25
fil : = 488.50869055484
fipunto1 : = 6.1448192548023E+17
fi_gradi : = 27989.486224254
t1 : = 1.0809634478475E-14
tpunto1 : = 1.0003992089528
tduepunti0 : = 5.2069785260054E+14
v=v_elettrone : = 3342210.6765345
x0= : -4.0727320432113E-14
y0= : -4.505541983644E-12
*****
i=35740
k(35740)=0.99998043892338
kQ(35740)=0.9999608782294
r1= : 4.505286675749E-12
rpunto1 : = -1875120.9694324
rduepunti0 : = -1.07705770658E+25
fil : = 488.50876262047
fipunto1 : = 6.1454187024298E+17
fi_gradi : = 27989.490353311
t1 : = 1.08096345958E-14
tpunto1 : = 1.0003992700667
tduepunti0 : = 5.2109990487904E+14
v=v_elettrone : = 3343030.1986332
x0= : -4.0400687938555E-14
y0= : -4.5053253000631E-12
```

```

*****
i=35741
k(35741)=0.99998041255757
kQ(35741)=0.99996082549881
r1= : 4.5050667640119E-12
rpunto1 : = -1876384.2421006
rduepunti0 : = -1.0771544534437E+25
fil : = 488.50883469314
fipunto1 : = 6.1460186419229E+17
fi_gradi : = 27989.494482771
t1 : = 1.0809634713126E-14
tpunto1 : = 1.0003993312278
tduepunti0 : = 5.2150209900816E+14
v=v_elettrone : = 3343850.1514123
x0= : -4.0074053920676E-14
y0= : -4.5051084449638E-12
*****
i=35742
k(35742)=0.99998038617163
kQ(35742)=0.99996077272797
r1= : 4.5048467041198E-12
rpunto1 : = -1877647.6283239
rduepunti0 : = -1.0772512784805E+25
fil : = 488.50890677284
fipunto1 : = 6.1466190735125E+17
fi_gradi : = 27989.498612634
t1 : = 1.0809634830451E-14
tpunto1 : = 1.0003993924361
tduepunti0 : = 5.2190443512669E+14
v=v_elettrone : = 3344670.536506
x0= : -3.9747418390806E-14
y0= : -4.5048914183291E-12
*****
i=35743
k(35743)=0.99998035976556
kQ(35743)=0.99996071991686
r1= : 4.5046264960594E-12
rpunto1 : = -1878911.128194
rduepunti0 : = -1.0773481817245E+25
fil : = 488.50897885959
fipunto1 : = 6.1472199974298E+17
fi_gradi : = 27989.5027429
t1 : = 1.0809634947777E-14
tpunto1 : = 1.0003994536916
tduepunti0 : = 5.2230691337352E+14
v=v_elettrone : = 3345491.3519153
x0= : -3.9420781361033E-14
y0= : -4.5046742201424E-12
*****
i=35744
k(35744)=0.99998033333934
kQ(35744)=0.99996066706546
r1= : 4.5044061398174E-12
rpunto1 : = -1880174.7418028
rduepunti0 : = -1.0774451632103E+25
fil : = 488.50905095338
fipunto1 : = 6.1478214139062E+17
fi_gradi : = 27989.50687357
t1 : = 1.0809635065102E-14
tpunto1 : = 1.0003995149943
tduepunti0 : = 5.2270953388766E+14
v=v_elettrone : = 3346312.5992812
x0= : -3.9094142843719E-14
y0= : -4.5044568503867E-12

```

```
*****
i=35745
k(35745)=0.99998030689298
kQ(35745)=0.99996061417377
r1= : 4.5041856353804E-12
rpunto1 : = -1881438.469242
rduepunti0 : = -1.0775422229722E+25
fil : = 488.50912305423
fipunto1 : = 6.1484233231734E+17
fi_gradi : = 27989.511004644
t1 : = 1.0809635182428E-14
tpunto1 : = 1.0003995763442
tduepunti0 : = 5.2311229680822E+14
v=v_elettrone : = 3347134.278411
x0= : -3.8767502850985E-14
y0= : -4.5042393090451E-12
*****
i=35746
k(35746)=0.99998028042645
kQ(35746)=0.99996056124177
r1= : 4.5039649827352E-12
rpunto1 : = -1882702.3106035
rduepunti0 : = -1.0776393610447E+25
fil : = 488.50919516213
fipunto1 : = 6.1490257254633E+17
fi_gradi : = 27989.515136123
t1 : = 1.0809635299753E-14
tpunto1 : = 1.0003996377414
tduepunti0 : = 5.2351520227443E+14
v=v_elettrone : = 3347956.3873305
x0= : -3.8440861394965E-14
y0= : -4.5040215961008E-12
*****
i=35747
k(35747)=0.99998025393976
kQ(35747)=0.99996050826944
r1= : 4.5037441818682E-12
rpunto1 : = -1883966.2659791
rduepunti0 : = -1.0777365774623E+25
fil : = 488.5092672771
fipunto1 : = 6.1496286210081E+17
fi_gradi : = 27989.519268006
t1 : = 1.0809635417079E-14
tpunto1 : = 1.0003996991858
tduepunti0 : = 5.2391825042562E+14
v=v_elettrone : = 3348778.9276529
x0= : -3.811421848807E-14
y0= : -4.5038037115369E-12
*****
i=35748
k(35748)=0.99998022743291
kQ(35748)=0.99996045525677
r1= : 4.5035232327663E-12
rpunto1 : = -1885230.3354608
rduepunti0 : = -1.0778338722595E+25
fil : = 488.50933939915
fipunto1 : = 6.1502320100401E+17
fi_gradi : = 27989.523400295
t1 : = 1.0809635534404E-14
tpunto1 : = 1.0003997606775
tduepunti0 : = 5.2432144140124E+14
v=v_elettrone : = 3349601.8992086
x0= : -3.7787574142466E-14
y0= : -4.5035856553365E-12
```

```
*****
i=35749
k(35749)=0.99998020090587
kQ(35749)=0.99996040220375
r1= : 4.5033021354159E-12
rpunto1 : = -1886494.5191405
rduepunti0 : = -1.0779312454709E+25
fil : = 488.50941152826
fipunto1 : = 6.150835892792E+17
fi_gradi : = 27989.527532989
t1 : = 1.080963565173E-14
tpunto1 : = 1.0003998222166
tduepunti0 : = 5.2472477534085E+14
v=v_elettrone : = 3350425.3000065
x0= : -3.7460928370337E-14
y0= : -4.5033674274826E-12
*****
i=35750
k(35750)=0.99998017435865
kQ(35750)=0.99996034911037
r1= : 4.5030808898037E-12
rpunto1 : = -1887758.8171102
rduepunti0 : = -1.078028697131E+25
fil : = 488.50948366446
fipunto1 : = 6.1514402694967E+17
fi_gradi : = 27989.531666089
t1 : = 1.0809635769056E-14
tpunto1 : = 1.0003998838029
tduepunti0 : = 5.251282523841E+14
v=v_elettrone : = 3351249.1334799
x0= : -3.7134281184139E-14
y0= : -4.5031490279584E-12
*****
i=35751
k(35751)=0.99998014779125
kQ(35751)=0.9999602959766
r1= : 4.5028594959163E-12
rpunto1 : = -1889023.229462
rduepunti0 : = -1.0781262272746E+25
fil : = 488.50955580775
fipunto1 : = 6.1520451403874E+17
fi_gradi : = 27989.535799595
t1 : = 1.0809635886381E-14
tpunto1 : = 1.0003999454366
tduepunti0 : = 5.2553187267079E+14
v=v_elettrone : = 3352073.3958314
x0= : -3.6807632595832E-14
y0= : -4.5029304567468E-12
*****
i=35752
k(35752)=0.99998012120364
kQ(35752)=0.99996024280245
r1= : 4.5026379537403E-12
rpunto1 : = -1890287.756288
rduepunti0 : = -1.0782238359362E+25
fil : = 488.50962795813
fipunto1 : = 6.1526505056975E+17
fi_gradi : = 27989.539933507
t1 : = 1.0809636003707E-14
tpunto1 : = 1.0004000071177
tduepunti0 : = 5.259356363408E+14
v=v_elettrone : = 3352898.0886951
x0= : -3.6480982617901E-14
y0= : -4.502711713831E-12
```

```
*****
i=35753
k(35753)=0.99998009459583
kQ(35753)=0.99996018958789
r1= : 4.5024162632622E-12
rpunto1: = -1891552.3976803
rduepunti0 : = -1.0783215231505E+25
fil : = 488.50970011561
fipunto1 : = 6.1532563656605E+17
fi_gradi : = 27989.544067826
t1 : = 1.0809636121032E-14
tpunto1 : = 1.0004000688461
tduepunti0 : = 5.2633954353414E+14
v=v_elettrone : = 3353723.2118872
x0= : -3.6154331262595E-14
y0= : -4.502492799194E-12
*****
i=35754
k(35754)=0.99998006796781
kQ(35754)=0.99996013633291
r1= : 4.5021944244687E-12
rpunto1: = -1892817.153731
rduepunti0 : = -1.0784192889524E+25
fil : = 488.5097722802
fipunto1 : = 6.1538627205104E+17
fi_gradi : = 27989.548202552
t1 : = 1.0809636238358E-14
tpunto1 : = 1.0004001306219
tduepunti0 : = 5.2674359439091E+14
v=v_elettrone : = 3354548.7670351
x0= : -3.5827678542177E-14
y0= : -4.5022737128187E-12
*****
i=35755
k(35755)=0.99998004131957
kQ(35755)=0.99996008303749
r1= : 4.5019724373462E-12
rpunto1: = -1894082.0245324
rduepunti0 : = -1.0785171333766E+25
fil : = 488.5098444519
fipunto1 : = 6.1544695704812E+17
fi_gradi : = 27989.552337686
t1 : = 1.0809636355684E-14
tpunto1 : = 1.0004001924451
tduepunti0 : = 5.2714778905134E+14
v=v_elettrone : = 3355374.7503426
x0= : -3.5501024468669E-14
y0= : -4.5020544546883E-12
*****
i=35756
k(35756)=0.99998001465111
kQ(35756)=0.99996002970163
r1= : 4.5017503018813E-12
rpunto1: = -1895347.0101767
rduepunti0 : = -1.0786150564578E+25
fil : = 488.50991663071
fipunto1 : = 6.1550769158074E+17
fi_gradi : = 27989.556473228
t1 : = 1.0809636473009E-14
tpunto1 : = 1.0004002543157
tduepunti0 : = 5.2755212765577E+14
v=v_elettrone : = 3356201.1652528
x0= : -3.5174369054621E-14
y0= : -4.5018350247856E-12
```

```
*****
i=35757
k(35757)=0.99997998796242
kQ(35757)=0.99995997632531
r1= : 4.5015280180605E-12
rpunto1: = -1896612.1107561
rduepunti0 : = -1.078713058231E+25
fil : = 488.50998881665
fipunto1 : = 6.1556847567236E+17
fi_gradi : = 27989.560609177
t1 : = 1.0809636590335E-14
tpunto1 : = 1.0004003162338
tduepunti0 : = 5.2795661034464E+14
v=v_elettrone : = 3357028.0097628
x0= : -3.4847712312089E-14
y0= : -4.5016154230937E-12
*****
i=35758
k(35758)=0.99997996125349
kQ(35758)=0.99995992290852
r1= : 4.5013055858704E-12
rpunto1: = -1897877.3263632
rduepunti0 : = -1.078811138731E+25
fil : = 488.51006100972
fipunto1 : = 6.1562930934646E+17
fi_gradi : = 27989.564745535
t1 : = 1.0809636707661E-14
tpunto1 : = 1.0004003781993
tduepunti0 : = 5.2836123725852E+14
v=v_elettrone : = 3357855.2837157
x0= : -3.45210542534E-14
y0= : -4.5013956495955E-12
*****
i=35759
k(35759)=0.99997993452431
kQ(35759)=0.99995986945124
r1= : 4.5010830052975E-12
rpunto1: = -1899142.6570901
rduepunti0 : = -1.0789092979927E+25
fil : = 488.51013320992
fipunto1 : = 6.1569019262656E+17
fi_gradi : = 27989.568882302
t1 : = 1.0809636824986E-14
tpunto1 : = 1.0004004402123
tduepunti0 : = 5.2876600853807E+14
v=v_elettrone : = 3358682.9869093
x0= : -3.4194394890896E-14
y0= : -4.5011757042739E-12
*****
i=35760
k(35760)=0.99997990777488
kQ(35760)=0.99995981595346
r1= : 4.5008602763282E-12
rpunto1: = -1900408.1030293
rduepunti0 : = -1.0790075360511E+25
fil : = 488.51020541726
fipunto1 : = 6.1575112553618E+17
fi_gradi : = 27989.573019478
t1 : = 1.0809636942312E-14
tpunto1 : = 1.0004005022727
tduepunti0 : = 5.2917092432409E+14
v=v_elettrone : = 3359511.1209881
x0= : -3.3867734236935E-14
y0= : -4.5009555871121E-12
```



```
*****
i=35761
k(35761)=0.9999798810052
kQ(35761)=0.99995976241517
r1= : 4.5006373989491E-12
rpunto1 : = -1901673.6642733
rduepunti0 : = -1.0791058529411E+25
fil : = 488.51027763175
fipunto1 : = 6.1581210809891E+17
fi_gradi : = 27989.577157063
t1 : = 1.0809637059637E-14
tpunto1 : = 1.0004005643807
tduepunti0 : = 5.2957598475747E+14
v=v_elettrone : = 3360339.6839516
x0= : -3.3541072303636E-14
y0= : -4.5007352980927E-12
*****
i=35762
k(35762)=0.99997985421524
kQ(35762)=0.99995970883634
r1= : 4.5004143731466E-12
rpunto1 : = -1902939.3409146
rduepunti0 : = -1.0792042486979E+25
fil : = 488.51034985339
fipunto1 : = 6.1587314033831E+17
fi_gradi : = 27989.581295058
t1 : = 1.0809637176963E-14
tpunto1 : = 1.0004006265362
tduepunti0 : = 5.2998118997921E+14
v=v_elettrone : = 3361168.6756362
x0= : -3.321440910339E-14
y0= : -4.5005148371988E-12
*****
i=35763
k(35763)=0.99997982740502
kQ(35763)=0.99995965521698
r1= : 4.5001911989072E-12
rpunto1 : = -1904205.1330456
rduepunti0 : = -1.0793027233564E+25
fil : = 488.51042208218
fipunto1 : = 6.1593422227799E+17
fi_gradi : = 27989.585433464
t1 : = 1.0809637294289E-14
tpunto1 : = 1.0004006887393
tduepunti0 : = 5.3038654013045E+14
v=v_elettrone : = 3361998.0976545
x0= : -3.2887744648603E-14
y0= : -4.5002942044133E-12
*****
i=35764
k(35764)=0.99997980057452
kQ(35764)=0.99995960155705
r1= : 4.4999678762173E-12
rpunto1 : = -1905471.040759
rduepunti0 : = -1.0794012769518E+25
fil : = 488.51049431814
fipunto1 : = 6.1599535394161E+17
fi_gradi : = 27989.589572279
t1 : = 1.0809637411615E-14
tpunto1 : = 1.0004007509899
tduepunti0 : = 5.3079203535241E+14
v=v_elettrone : = 3362827.9498338
x0= : -3.2561078951442E-14
y0= : -4.5000733997191E-12
```

```
*****
i=35765
k(35765)=0.99997977372373
kQ(35765)=0.99995954785656
r1= : 4.4997444050635E-12
rpunto1 : = -1906737.0641474
rduepunti0 : = -1.0794999095191E+25
fil : = 488.51056656127
fipunto1 : = 6.1605653535281E+17
fi_gradi : = 27989.593711506
t1 : = 1.080963752894E-14
tpunto1 : = 1.000400813288
tduepunti0 : = 5.3119767578645E+14
v=v_elettrone : = 3363658.2301877
x0= : -3.223441202409E-14
y0= : -4.4998524230989E-12
*****
i=35766
k(35766)=0.99997974685265
kQ(35766)=0.99995949411549
r1= : 4.4995207854321E-12
rpunto1 : = -1908003.2033035
rduepunti0 : = -1.0795986210937E+25
fil : = 488.51063881158
fipunto1 : = 6.1611776653527E+17
fi_gradi : = 27989.597851143
t1 : = 1.0809637646266E-14
tpunto1 : = 1.0004008756338
tduepunti0 : = 5.3160346157402E+14
v=v_elettrone : = 3364488.9403392
x0= : -3.1907743879002E-14
y0= : -4.4996312745358E-12
*****
i=35767
k(35767)=0.99997971996127
kQ(35767)=0.99995944033382
r1= : 4.4992970173095E-12
rpunto1 : = -1909269.4583199
rduepunti0 : = -1.0796974117105E+25
fil : = 488.51071106907
fipunto1 : = 6.1617904751272E+17
fi_gradi : = 27989.601991192
t1 : = 1.0809637763592E-14
tpunto1 : = 1.0004009380272
tduepunti0 : = 5.3200939285671E+14
v=v_elettrone : = 3365320.0783189
x0= : -3.1581074528393E-14
y0= : -4.4994099540125E-12
*****
i=35768
k(35768)=0.99997969304958
kQ(35768)=0.99995938651154
r1= : 4.4990731006822E-12
rpunto1 : = -1910535.8292893
rduepunti0 : = -1.079796281405E+25
fil : = 488.51078333374
fipunto1 : = 6.1624037830889E+17
fi_gradi : = 27989.606131653
t1 : = 1.0809637880917E-14
tpunto1 : = 1.0004010004681
tduepunti0 : = 5.324154697762E+14
v=v_elettrone : = 3366151.6475301
x0= : -3.125440398475E-14
y0= : -4.4991884615119E-12
```

```
*****
i=35769
k(35769)=0.99997966611759
kQ(35769)=0.99995933264864
r1= : 4.4988490355366E-12
rpunto1 : = -1911802.3163047
rduepunti0 : = -1.0798952302123E+25
fil : = 488.51085560561
fipunto1 : = 6.1630175894753E+17
fi_gradi : = 27989.610272526
t1 : = 1.0809637998243E-14
tpunto1 : = 1.0004010629568
tduepunti0 : = 5.3282169247429E+14
v=v_elettrone : = 3366983.6442107
x0= : -3.0927732260064E-14
y0= : -4.4989667970168E-12
*****
i=35770
k(35770)=0.99997963916527
kQ(35770)=0.9999592787451
r1= : 4.4986248218591E-12
rpunto1 : = -1913068.9194587
rduepunti0 : = -1.0799942581678E+25
fil : = 488.51092788467
fipunto1 : = 6.1636318945243E+17
fi_gradi : = 27989.614413811
t1 : = 1.0809638115569E-14
tpunto1 : = 1.0004011254931
tduepunti0 : = 5.3322806109289E+14
v=v_elettrone : = 3367816.0681827
x0= : -3.0601059366854E-14
y0= : -4.49874496051E-12
*****
i=35771
k(35771)=0.99997961219262
kQ(35771)=0.9999592248009
r1= : 4.4984004596359E-12
rpunto1 : = -1914335.6388443
rduepunti0 : = -1.0800933653069E+25
fil : = 488.51100017094
fipunto1 : = 6.164246698474E+17
fi_gradi : = 27989.61855551
t1 : = 1.0809638232895E-14
tpunto1 : = 1.000401188077
tduepunti0 : = 5.3363457577405E+14
v=v_elettrone : = 3368648.9228467
x0= : -3.0274385317656E-14
y0= : -4.4985229519744E-12
*****
i=35772
k(35772)=0.99997958519964
kQ(35772)=0.99995917081604
r1= : 4.4981759488536E-12
rpunto1 : = -1915602.4745544
rduepunti0 : = -1.0801925516648E+25
fil : = 488.51107246442
fipunto1 : = 6.1648620015628E+17
fi_gradi : = 27989.622697621
t1 : = 1.080963835022E-14
tpunto1 : = 1.0004012507087
tduepunti0 : = 5.3404123665989E+14
v=v_elettrone : = 3369482.2062464
x0= : -2.994771012451E-14
y0= : -4.4983007713926E-12
```

```
*****
i=35773
k(35773)=0.99997955818632
kQ(35773)=0.9999591167905
r1= : 4.4979512894984E-12
rpunto1 : = -1916869.4266818
rduepunti0 : = -1.0802918172771E+25
fil : = 488.51114476512
fipunto1 : = 6.1654778040292E+17
fi_gradi : = 27989.626840146
t1 : = 1.0809638467546E-14
tpunto1 : = 1.0004013133881
tduepunti0 : = 5.3444804389269E+14
v=v_elettrone : = 3370315.916393
x0= : -2.9621033799729E-14
y0= : -4.4980784187475E-12
*****
i=35774
k(35774)=0.99997953115265
kQ(35774)=0.99995906272427
r1= : 4.4977264815568E-12
rpunto1 : = -1918136.4953197
rduepunti0 : = -1.0803911621792E+25
fil : = 488.51121707303
fipunto1 : = 6.1660941061122E+17
fi_gradi : = 27989.630983084
t1 : = 1.0809638584872E-14
tpunto1 : = 1.0004013761152
tduepunti0 : = 5.348549976148E+14
v=v_elettrone : = 3371150.0567077
x0= : -2.9294356355895E-14
y0= : -4.4978558940218E-12
*****
i=35775
k(35775)=0.99997950409863
kQ(35775)=0.99995900861733
r1= : 4.497501525015E-12
rpunto1 : = -1919403.680561
rduepunti0 : = -1.0804905864066E+25
fil : = 488.51128938818
fipunto1 : = 6.1667109080508E+17
fi_gradi : = 27989.635126437
t1 : = 1.0809638702198E-14
tpunto1 : = 1.00040143889
tduepunti0 : = 5.3526209796873E+14
v=v_elettrone : = 3371984.6252129
x0= : -2.8967677805098E-14
y0= : -4.4976331971983E-12
*****
i=35776
k(35776)=0.99997947702424
kQ(35776)=0.99995895446967
r1= : 4.4972764198594E-12
rpunto1 : = -1920670.9824989
rduepunti0 : = -1.0805900899948E+25
fil : = 488.51136171056
fipunto1 : = 6.1673282100844E+17
fi_gradi : = 27989.639270204
t1 : = 1.0809638819523E-14
tpunto1 : = 1.0004015017126
tduepunti0 : = 5.3566934509706E+14
v=v_elettrone : = 3372819.6217412
x0= : -2.8640998159698E-14
y0= : -4.4974103282597E-12
```

```
*****
i=35777
k(35777)=0.99997944992949
kQ(35777)=0.99995890028128
r1= : 4.4970511660762E-12
rpunto1: = -1921938.4012263
rduepunti0 : = -1.0806896729794E+25
fil : = 488.51143404018
fipunto1 : = 6.1679460124525E+17
fi_gradi : = 27989.643414386
t1 : = 1.0809638936849E-14
tpunto1 : = 1.000401564583
tduepunti0 : = 5.3607673914252E+14
v=v_elettrone : = 3373655.0460986
x0= : -2.8314317432073E-14
y0= : -4.4971872871887E-12
*****
i=35778
k(35778)=0.99997942281436
kQ(35778)=0.99995884605214
r1= : 4.4968257636519E-12
rpunto1: = -1923205.9368365
rduepunti0 : = -1.080789335396E+25
fil : = 488.51150637704
fipunto1 : = 6.1685643153951E+17
fi_gradi : = 27989.647558983
t1 : = 1.0809639054175E-14
tpunto1 : = 1.0004016275012
tduepunti0 : = 5.3648428024793E+14
v=v_elettrone : = 3374490.8981101
x0= : -2.7987635634616E-14
y0= : -4.496964073968E-12
*****
i=35779
k(35779)=0.99997939567885
kQ(35779)=0.99995879178223
r1= : 4.4966002125726E-12
rpunto1: = -1924473.5894227
rduepunti0 : = -1.0808890772802E+25
fil : = 488.51157872116
fipunto1 : = 6.1691831191523E+17
fi_gradi : = 27989.651703995
t1 : = 1.0809639171501E-14
tpunto1 : = 1.0004016904671
tduepunti0 : = 5.3689196855625E+14
v=v_elettrone : = 3375327.1794036
x0= : -2.7660952779735E-14
y0= : -4.4967406885804E-12
*****
i=35780
k(35780)=0.99997936852295
kQ(35780)=0.99995873747155
r1= : 4.4963745128247E-12
rpunto1: = -1925741.3590781
rduepunti0 : = -1.0809888986677E+25
fil : = 488.51165107253
fipunto1 : = 6.1698024239644E+17
fi_gradi : = 27989.655849424
t1 : = 1.0809639288826E-14
tpunto1 : = 1.000401753481
tduepunti0 : = 5.3729980421053E+14
v=v_elettrone : = 3376163.886207
x0= : -2.7334268879602E-14
y0= : -4.4965171310085E-12
```

```
*****
i=35781
k(35781)=0.99997934134665
kQ(35781)=0.99995868312008
r1= : 4.4961486643944E-12
rpunto1 : = -1927009.2458961
rduepunti0 : = -1.0810887995942E+25
fil : = 488.51172343117
fipunto1 : = 6.170422230072E+17
fi_gradi : = 27989.659995268
t1 : = 1.0809639406152E-14
tpunto1 : = 1.0004018165426
tduepunti0 : = 5.3770778735395E+14
v=v_elettrone : = 3377001.0237167
x0= : -2.7007583946915E-14
y0= : -4.4962934012349E-12
*****
i=35782
k(35782)=0.99997931414995
kQ(35782)=0.9999586287278
r1= : 4.495922667268E-12
rpunto1 : = -1928277.2499698
rduepunti0 : = -1.0811887800955E+25
fil : = 488.51179579708
fipunto1 : = 6.1710425377161E+17
fi_gradi : = 27989.664141529
t1 : = 1.0809639523478E-14
tpunto1 : = 1.0004018796522
tduepunti0 : = 5.381159181298E+14
v=v_elettrone : = 3377838.5863875
x0= : -2.668089799362E-14
y0= : -4.4960694992424E-12
*****
i=35783
k(35783)=0.99997928693284
kQ(35783)=0.99995857429471
r1= : 4.4956965214317E-12
rpunto1 : = -1929545.3713927
rduepunti0 : = -1.0812888402073E+25
fil : = 488.51186817026
fipunto1 : = 6.1716633471377E+17
fi_gradi : = 27989.668288207
t1 : = 1.0809639640804E-14
tpunto1 : = 1.0004019428096
tduepunti0 : = 5.3852419668149E+14
v=v_elettrone : = 3378676.5794093
x0= : -2.6354211032448E-14
y0= : -4.4958454250135E-12
*****
i=35784
k(35784)=0.99997925969531
kQ(35784)=0.99995851982079
r1= : 4.4954702268718E-12
rpunto1 : = -1930813.6102583
rduepunti0 : = -1.0813889799655E+25
fil : = 488.51194055072
fipunto1 : = 6.1722846585782E+17
fi_gradi : = 27989.672435302
t1 : = 1.080963975813E-14
tpunto1 : = 1.0004020060149
tduepunti0 : = 5.3893262315254E+14
v=v_elettrone : = 3379514.9972324
x0= : -2.602752307538E-14
y0= : -4.4956211785309E-12
```

```
*****
i=35785
k(35785)=0.99997923243736
kQ(35785)=0.99995846530601
r1= : 4.4952437835746E-12
rpunto1 : = -1932081.9666599
rduepunti0 : = -1.0814891994059E+25
fil : = 488.51201293847
fipunto1 : = 6.1729064722792E+17
fi_gradi : = 27989.676582814
t1 : = 1.0809639875456E-14
tpunto1 : = 1.0004020692681
tduepunti0 : = 5.3934119768659E+14
v=v_elettrone : = 3380353.8450516
x0= : -2.5700834135177E-14
y0= : -4.4953967597773E-12
*****
i=35786
k(35786)=0.99997920515898
kQ(35786)=0.99995841075038
r1= : 4.4950171915261E-12
rpunto1 : = -1933350.440691
rduepunti0 : = -1.0815894985645E+25
fil : = 488.51208533351
fipunto1 : = 6.1735287884827E+17
fi_gradi : = 27989.680730745
t1 : = 1.0809639992781E-14
tpunto1 : = 1.0004021325693
tduepunti0 : = 5.397499204274E+14
v=v_elettrone : = 3381193.1173285
x0= : -2.5374144223855E-14
y0= : -4.4951721687351E-12
*****
i=35787
k(35787)=0.99997917786016
kQ(35787)=0.99995835615388
r1= : 4.4947904507127E-12
rpunto1 : = -1934619.0324452
rduepunti0 : = -1.0816898774771E+25
fil : = 488.51215773585
fipunto1 : = 6.1741516074307E+17
fi_gradi : = 27989.684879093
t1 : = 1.0809640110107E-14
tpunto1 : = 1.0004021959184
tduepunti0 : = 5.4015879151884E+14
v=v_elettrone : = 3382032.8192392
x0= : -2.5047453354208E-14
y0= : -4.494947405387E-12
*****
i=35788
k(35788)=0.99997915054089
kQ(35788)=0.99995830151648
r1= : 4.4945635611204E-12
rpunto1 : = -1935887.7420161
rduepunti0 : = -1.0817903361797E+25
fil : = 488.51223014549
fipunto1 : = 6.1747749293656E+17
fi_gradi : = 27989.68902786
t1 : = 1.0809640227433E-14
tpunto1 : = 1.0004022593155
tduepunti0 : = 5.405678111049E+14
v=v_elettrone : = 3382872.9470427
x0= : -2.4720761538283E-14
y0= : -4.4947224697156E-12
```

```
*****
i=35789
k(35789)=0.99997912320117
kQ(35789)=0.99995824683819
r1= : 4.4943365227356E-12
rpunto1:= -1937156.5694972
rduepunti0 : = -1.0818908747083E+25
fil : = 488.51230256244
fipunto1 : = 6.1753987545302E+17
fi_gradi : = 27989.693177046
t1 : = 1.0809640344759E-14
tpunto1 : = 1.0004023227606
tduepunti0 : = 5.4097697932967E+14
v=v_elettrone : = 3383713.5023397
x0= : -2.4394068788652E-14
y0= : -4.4944973617035E-12
*****
i=35790
k(35790)=0.999979095841
kQ(35790)=0.99995819211898
r1= : 4.4941093355444E-12
rpunto1:= -1938425.5149823
rduepunti0 : = -1.081991493099E+25
fil : = 488.51237498671
fipunto1 : = 6.1760230831673E+17
fi_gradi : = 27989.697326651
t1 : = 1.0809640462085E-14
tpunto1 : = 1.0004023862536
tduepunti0 : = 5.4138629633739E+14
v=v_elettrone : = 3384554.4849592
x0= : -2.4067375117651E-14
y0= : -4.4942720813331E-12
*****
i=35791
k(35791)=0.99997906846035
kQ(35791)=0.99995813735884
r1= : 4.4938819995328E-12
rpunto1:= -1939694.578565
rduepunti0 : = -1.0820921913879E+25
fil : = 488.5124474183
fipunto1 : = 6.17664791552E+17
fi_gradi : = 27989.701476675
t1 : = 1.0809640579411E-14
tpunto1 : = 1.0004024497947
tduepunti0 : = 5.4179576227239E+14
v=v_elettrone : = 3385395.8947186
x0= : -2.374068053763E-14
y0= : -4.4940466285871E-12
*****
i=35792
k(35792)=0.99997904105924
kQ(35792)=0.99995808255775
r1= : 4.4936545146872E-12
rpunto1:= -1940963.760339
rduepunti0 : = -1.082192969611E+25
fil : = 488.51251985722
fipunto1 : = 6.1772732518318E+17
fi_gradi : = 27989.70562712
t1 : = 1.0809640696737E-14
tpunto1 : = 1.0004025133839
tduepunti0 : = 5.4220537727912E+14
v=v_elettrone : = 3386237.7314474
x0= : -2.3413985060956E-14
y0= : -4.4938210034478E-12
```



```
*****
i=35793
k(35793)=0.99997901363764
kQ(35793)=0.99995802771571
r1= : 4.4934268809936E-12
rpunto1 : = -1942233.0603983
rduepunti0 : = -1.0822938278045E+25
fil : = 488.51259230348
fipunto1 : = 6.1778990923463E+17
fi_gradi : = 27989.709777984
t1 : = 1.0809640814063E-14
tpunto1 : = 1.0004025770211
tduepunti0 : = 5.4261514150215E+14
v=v_elettrone : = 3387079.9931801
x0= : -2.3087288700015E-14
y0= : -4.493595205898E-12
*****
i=35794
k(35794)=0.99997898619556
kQ(35794)=0.99995797283269
r1= : 4.4931990984381E-12
rpunto1 : = -1943502.4788366
rduepunti0 : = -1.0823947660047E+25
fil : = 488.51266475707
fipunto1 : = 6.1785254373075E+17
fi_gradi : = 27989.713929269
t1 : = 1.0809640931389E-14
tpunto1 : = 1.0004026407063
tduepunti0 : = 5.4302505508619E+14
v=v_elettrone : = 3387922.6833096
x0= : -2.2760591467461E-14
y0= : -4.49336923592E-12
*****
i=35795
k(35795)=0.99997895873298
kQ(35795)=0.99995791790869
r1= : 4.4929711670069E-12
rpunto1 : = -1944772.0157477
rduepunti0 : = -1.0824957842476E+25
fil : = 488.51273721801
fipunto1 : = 6.1791522869595E+17
fi_gradi : = 27989.718080975
t1 : = 1.0809641048714E-14
tpunto1 : = 1.0004027044397
tduepunti0 : = 5.4343511817602E+14
v=v_elettrone : = 3388765.799878
x0= : -2.2433893375456E-14
y0= : -4.4931430934963E-12
*****
i=35796
k(35796)=0.9999789312499
kQ(35796)=0.99995786294369
r1= : 4.4927430866861E-12
rpunto1 : = -1946041.6712256
rduepunti0 : = -1.0825968825697E+25
fil : = 488.5128096863
fipunto1 : = 6.1797796415468E+17
fi_gradi : = 27989.722233103
t1 : = 1.080964116604E-14
tpunto1 : = 1.0004027682212
tduepunti0 : = 5.4384533091658E+14
v=v_elettrone : = 3389609.3427034
x0= : -2.2107194436435E-14
y0= : -4.4929167786094E-12
```

```
*****
i=35797
k(35797)=0.99997890374631
kQ(35797)=0.99995780793768
r1= : 4.4925148574617E-12
rpunto1 : = -1947311.4453643
rduepunti0 : = -1.0826980610071E+25
fil : = 488.51288216195
fipunto1 : = 6.1804075013141E+17
fi_gradi : = 27989.726385651
t1 : = 1.0809641283366E-14
tpunto1 : = 1.0004028320508
tduepunti0 : = 5.4425569345291E+14
v=v_elettrone : = 3390453.3116159
x0= : -2.1780494662847E-14
y0= : -4.4926902912417E-12
*****
i=35798
k(35798)=0.99997887622221
kQ(35798)=0.99995775289063
r1= : 4.4922864793199E-12
rpunto1 : = -1948581.3382577
rduepunti0 : = -1.0827993195963E+25
fil : = 488.51295464496
fipunto1 : = 6.1810358665063E+17
fi_gradi : = 27989.730538622
t1 : = 1.0809641400692E-14
tpunto1 : = 1.0004028959285
tduepunti0 : = 5.4466620593016E+14
v=v_elettrone : = 3391297.7064378
x0= : -2.1453794067159E-14
y0= : -4.4924636313758E-12
*****
i=35799
k(35799)=0.99997884867758
kQ(35799)=0.99995769780254
r1= : 4.4920579522467E-12
rpunto1 : = -1949851.35
rduepunti0 : = -1.0829006583736E+25
fil : = 488.51302713534
fipunto1 : = 6.1816647373685E+17
fi_gradi : = 27989.734692015
t1 : = 1.0809641518018E-14
tpunto1 : = 1.0004029598544
tduepunti0 : = 5.4507686849362E+14
v=v_elettrone : = 3392142.5287719
x0= : -2.1127092661855E-14
y0= : -4.492236798994E-12
*****
i=35800
k(35800)=0.99997882111243
kQ(35800)=0.9999576426734
r1= : 4.4918292762282E-12
rpunto1 : = -1951121.4806851
rduepunti0 : = -1.0830020773753E+25
fil : = 488.5130996331
fipunto1 : = 6.1822941141464E+17
fi_gradi : = 27989.73884583
t1 : = 1.0809641635344E-14
tpunto1 : = 1.0004030238285
tduepunti0 : = 5.4548768128868E+14
v=v_elettrone : = 3392987.7766594
x0= : -2.080039045918E-14
y0= : -4.4920097940788E-12
```

```
*****
i=35801
k(35801)=0.99997879352673
kQ(35801)=0.99995758750318
r1= : 4.4916004512504E-12
rpunto1 : = -1952391.7304072
rduepunti0 : = -1.0831035766381E+25
fil : = 488.51317213823
fipunto1 : = 6.1829239970855E+17
fi_gradi : = 27989.743000069
t1 : = 1.080964175267E-14
tpunto1 : = 1.0004030878508
tduepunti0 : = 5.4589864446085E+14
v=v_elettrone : = 3393833.4499311
x0= : -2.047368747165E-14
y0= : -4.4917826166125E-12
*****
i=35802
k(35802)=0.9999787659205
kQ(35802)=0.99995753229188
r1= : 4.4913714772994E-12
rpunto1 : = -1953662.0992605
rduepunti0 : = -1.0832051561983E+25
fil : = 488.51324465076
fipunto1 : = 6.183554386432E+17
fi_gradi : = 27989.74715473
t1 : = 1.0809641869996E-14
tpunto1 : = 1.0004031519213
tduepunti0 : = 5.4630975815577E+14
v=v_elettrone : = 3394679.5501843
x0= : -2.01469837118E-14
y0= : -4.4915552665775E-12
*****
i=35803
k(35803)=0.99997873829371
kQ(35803)=0.99995747703948
r1= : 4.4911423543612E-12
rpunto1 : = -1954932.5873391
rduepunti0 : = -1.0833068160925E+25
fil : = 488.51331717068
fipunto1 : = 6.1841852824319E+17
fi_gradi : = 27989.751309816
t1 : = 1.0809641987322E-14
tpunto1 : = 1.00040321604
tduepunti0 : = 5.4672102251918E+14
v=v_elettrone : = 3395526.0754706
x0= : -1.9820279191924E-14
y0= : -4.4913277439562E-12
*****
i=35804
k(35804)=0.99997871064636
kQ(35804)=0.99995742174597
r1= : 4.4909130824218E-12
rpunto1 : = -1956203.1947375
rduepunti0 : = -1.0834085563572E+25
fil : = 488.51338969799
fipunto1 : = 6.1848166853318E+17
fi_gradi : = 27989.755465325
t1 : = 1.0809642104648E-14
tpunto1 : = 1.000403280207
tduepunti0 : = 5.4713243769696E+14
v=v_elettrone : = 3396373.0273863
x0= : -1.9493573924589E-14
y0= : -4.4911000487311E-12
```

```
*****
i=35805
k(35805)=0.99997868297845
kQ(35805)=0.99995736641132
r1= : 4.4906836614672E-12
rpunto1 : = -1957473.9215498
rduerpunti0 : = -1.083510377029E+25
fil : = 488.51346223272
fipunto1 : = 6.1854485953785E+17
fi_gradi : = 27989.759621258
t1 : = 1.0809642221974E-14
tpunto1 : = 1.0004033444222
tduerpunti0 : = 5.475440038351E+14
v=v_elettrone : = 3397220.4039843
x0= : -1.9166867922124E-14
y0= : -4.4908721808844E-12
*****
i=35806
k(35806)=0.99997865528997
kQ(35806)=0.99995731103554
r1= : 4.4904540914834E-12
rpunto1 : = -1958744.7678704
rduerpunti0 : = -1.0836122781446E+25
fil : = 488.51353477485
fipunto1 : = 6.186081012819E+17
fi_gradi : = 27989.763777616
t1 : = 1.08096423393E-14
tpunto1 : = 1.0004034086857
tduerpunti0 : = 5.479557210797E+14
v=v_elettrone : = 3398068.2068565
x0= : -1.8840161197129E-14
y0= : -4.4906441403984E-12
*****
i=35807
k(35807)=0.99997862758091
kQ(35807)=0.9999572556186
r1= : 4.4902243724565E-12
rpunto1 : = -1960015.7337936
rduerpunti0 : = -1.0837142597406E+25
fil : = 488.5136073244
fipunto1 : = 6.1867139379004E+17
fi_gradi : = 27989.767934399
t1 : = 1.0809642456626E-14
tpunto1 : = 1.0004034729976
tduerpunti0 : = 5.4836758957699E+14
v=v_elettrone : = 3398916.4358406
x0= : -1.8513453761966E-14
y0= : -4.4904159272555E-12
*****
i=35808
k(35808)=0.99997859985126
kQ(35808)=0.99995720016049
r1= : 4.4899945043723E-12
rpunto1 : = -1961286.819414
rduerpunti0 : = -1.0838163218538E+25
fil : = 488.51367988137
fipunto1 : = 6.1873473708705E+17
fi_gradi : = 27989.772091608
t1 : = 1.0809642573952E-14
tpunto1 : = 1.0004035373577
tduerpunti0 : = 5.4877960947331E+14
v=v_elettrone : = 3399765.0889674
x0= : -1.8186745629014E-14
y0= : -4.4901875414381E-12
```

```
*****
i=35809
k(35809)=0.99997857210102
kQ(35809)=0.99995714466119
r1= : 4.4897644872169E-12
rpunto1 : = -1962558.024826
rduerpunti0 : = -1.0839184645208E+25
fil : = 488.51375244577
fipunto1 : = 6.1879813119769E+17
fi_gradi : = 27989.776249241
t1 : = 1.0809642691278E-14
tpunto1 : = 1.0004036017662
tduerpunti0 : = 5.4919178091513E+14
v=v_elettrone : = 3400614.1678595
x0= : -1.7860036810925E-14
y0= : -4.4899589829283E-12
*****
i=35810
k(35810)=0.99997854433017
kQ(35810)=0.99995708912069
r1= : 4.4895343209762E-12
rpunto1 : = -1963829.3501241
rduerpunti0 : = -1.0840206877786E+25
fil : = 488.51382501761
fipunto1 : = 6.1886157614677E+17
fi_gradi : = 27989.780407301
t1 : = 1.0809642808604E-14
tpunto1 : = 1.0004036662231
tduerpunti0 : = 5.4960410404904E+14
v=v_elettrone : = 3401463.6723271
x0= : -1.7533327320109E-14
y0= : -4.4897302517086E-12
*****
i=35811
k(35811)=0.99997851653872
kQ(35811)=0.99995703353898
r1= : 4.4893040056361E-12
rpunto1 : = -1965100.7954028
rduerpunti0 : = -1.0841229916638E+25
fil : = 488.51389759689
fipunto1 : = 6.1892507195912E+17
fi_gradi : = 27989.784565788
t1 : = 1.080964292593E-14
tpunto1 : = 1.0004037307283
tduerpunti0 : = 5.5001657902174E+14
v=v_elettrone : = 3402313.6021969
x0= : -1.7206617168997E-14
y0= : -4.4895013477611E-12
*****
i=35812
k(35812)=0.99997848872666
kQ(35812)=0.99995697791605
r1= : 4.4890735411825E-12
rpunto1 : = -1966372.3607568
rduerpunti0 : = -1.0842253762134E+25
fil : = 488.51397018361
fipunto1 : = 6.1898861865959E+17
fi_gradi : = 27989.788724701
t1 : = 1.0809643043256E-14
tpunto1 : = 1.0004037952819
tduerpunti0 : = 5.5042920598005E+14
v=v_elettrone : = 3403163.9572952
x0= : -1.6879906370035E-14
y0= : -4.4892722710681E-12
```

```
*****
i=35813
k(35813)=0.99997846089397
kQ(35813)=0.99995692225187
r1= : 4.4888429276014E-12
rpunto1 : = -1967644.0462807
rduepunti0 : = -1.0843278414642E+25
fil : = 488.51404277779
fipunto1 : = 6.1905221627308E+17
fi_gradi : = 27989.792884041
t1 : = 1.0809643160582E-14
tpunto1 : = 1.000403859884
tduepunti0 : = 5.5084198507092E+14
v=v_elettrone : = 3404014.7374449
x0= : -1.6553194935686E-14
y0= : -4.4890430216119E-12
*****
i=35814
k(35814)=0.99997843304065
kQ(35814)=0.99995686654643
r1= : 4.4886121648787E-12
rpunto1 : = -1968915.8520692
rduepunti0 : = -1.0844303874533E+25
fil : = 488.51411537942
fipunto1 : = 6.1911586482449E+17
fi_gradi : = 27989.797043808
t1 : = 1.0809643277908E-14
tpunto1 : = 1.0004039245344
tduepunti0 : = 5.5125491644142E+14
v=v_elettrone : = 3404865.9424768
x0= : -1.622648287843E-14
y0= : -4.4888135993746E-12
*****
i=35815
k(35815)=0.99997840516669
kQ(35815)=0.99995681079972
r1= : 4.4883812530003E-12
rpunto1 : = -1970187.778217
rduepunti0 : = -1.0845330142175E+25
fil : = 488.51418798852
fipunto1 : = 6.1917956433875E+17
fi_gradi : = 27989.801204003
t1 : = 1.0809643395234E-14
tpunto1 : = 1.0004039892333
tduepunti0 : = 5.5166800023873E+14
v=v_elettrone : = 3405717.5722098
x0= : -1.5899770210764E-14
y0= : -4.4885840043386E-12
*****
i=35816
k(35816)=0.99997837727209
kQ(35816)=0.99995675501173
r1= : 4.4881501919521E-12
rpunto1 : = -1971459.8248189
rduepunti0 : = -1.0846357217938E+25
fil : = 488.51426060509
fipunto1 : = 6.1924331484082E+17
fi_gradi : = 27989.805364626
t1 : = 1.080964351256E-14
tpunto1 : = 1.0004040539807
tduepunti0 : = 5.5208123661015E+14
v=v_elettrone : = 3406569.6264751
x0= : -1.5573056945202E-14
y0= : -4.488354236486E-12
```

```

*****
i=35817
k(35817)=0.99997834935684
kQ(35817)=0.99995669918244
r1= : 4.4879189817199E-12
rpunto1 : = -1972731.9919698
rduepunti0 : = -1.0847385102194E+25
fil : = 488.51433322914
fipunto1 : = 6.193071163557E+17
fi_gradi : = 27989.809525677
t1 : = 1.0809643629886E-14
tpunto1 : = 1.0004041187765
tduepunti0 : = 5.5249462570312E+14
v=v_elettrone : = 3407422.1050881
x0= : -1.5246343094274E-14
y0= : -4.4881242957991E-12
*****
i=35818
k(35818)=0.99997832142093
kQ(35818)=0.99995664331183
r1= : 4.4876876222896E-12
rpunto1 : = -1974004.2797644
rduepunti0 : = -1.0848413795313E+25
fil : = 488.51440586067
fipunto1 : = 6.1937096890839E+17
fi_gradi : = 27989.813687157
t1 : = 1.0809643747213E-14
tpunto1 : = 1.0004041836209
tduepunti0 : = 5.5290816766518E+14
v=v_elettrone : = 3408275.007884
x0= : -1.4919628670528E-14
y0= : -4.4878941822599E-12
*****
i=35819
k(35819)=0.99997829346436
kQ(35819)=0.99995658739989
r1= : 4.487456113647E-12
rpunto1 : = -1975276.6882978
rduepunti0 : = -1.0849443297666E+25
fil : = 488.51447849968
fipunto1 : = 6.1943487252393E+17
fi_gradi : = 27989.817849066
t1 : = 1.0809643864539E-14
tpunto1 : = 1.0004042485137
tduepunti0 : = 5.5332186264399E+14
v=v_elettrone : = 3409128.3364558
x0= : -1.4592913686529E-14
y0= : -4.4876638958506E-12
*****
i=35820
k(35820)=0.99997826548711
kQ(35820)=0.99995653144661
r1= : 4.487224455778E-12
rpunto1 : = -1976549.2176647
rduepunti0 : = -1.0850473609625E+25
fil : = 488.5145511462
fipunto1 : = 6.194988272274E+17
fi_gradi : = 27989.822011405
t1 : = 1.0809643981865E-14
tpunto1 : = 1.0004043134551
tduepunti0 : = 5.5373571078736E+14
v=v_elettrone : = 3409982.0906375
x0= : -1.4266198154604E-14
y0= : -4.4874334365535E-12

```

```
*****
i=35821
k(35821)=0.99997823748919
kQ(35821)=0.99995647545198
r1= : 4.4869926486685E-12
rpunto1 : = -1977821.8679603
rduepunti0 : = -1.0851504731561E+25
fil : = 488.51462380021
fipunto1 : = 6.1956283304388E+17
fi_gradi : = 27989.826174173
t1 : = 1.0809644099191E-14
tpunto1 : = 1.0004043784451
tduepunti0 : = 5.5414971224318E+14
v=v_elettrone : = 3410836.2666947
x0= : -1.3939482087096E-14
y0= : -4.4872028043506E-12
*****
i=35822
k(35822)=0.99997820947057
kQ(35822)=0.99995641941597
r1= : 4.4867606923042E-12
rpunto1 : = -1979094.6392796
rduepunti0 : = -1.0852536663848E+25
fil : = 488.51469646173
fipunto1 : = 6.1962688999849E+17
fi_gradi : = 27989.830337372
t1 : = 1.0809644216517E-14
tpunto1 : = 1.0004044434836
tduepunti0 : = 5.5456386715949E+14
v=v_elettrone : = 3411690.8680084
x0= : -1.3612765496876E-14
y0= : -4.486971999224E-12
*****
i=35823
k(35823)=0.99997818143126
kQ(35823)=0.99995636333858
r1= : 4.4865285866709E-12
rpunto1 : = -1980367.5317176
rduepunti0 : = -1.0853569406858E+25
fil : = 488.51476913076
fipunto1 : = 6.1969099811638E+17
fi_gradi : = 27989.834501
t1 : = 1.0809644333843E-14
tpunto1 : = 1.0004045085707
tduepunti0 : = 5.5497817568445E+14
v=v_elettrone : = 3412545.8944052
x0= : -1.3286048396323E-14
y0= : -4.486741021156E-12
*****
i=35824
k(35824)=0.99997815337125
kQ(35824)=0.99995630721978
r1= : 4.4862963317544E-12
rpunto1 : = -1981640.5453695
rduepunti0 : = -1.0854602960964E+25
fil : = 488.51484180731
fipunto1 : = 6.1975515742271E+17
fi_gradi : = 27989.83866506
t1 : = 1.0809644451169E-14
tpunto1 : = 1.0004045737065
tduepunti0 : = 5.5539263796633E+14
v=v_elettrone : = 3413401.3439329
x0= : -1.295933079783E-14
y0= : -4.4865098701285E-12
```



```
*****
i=35825
k(35825)=0.99997812529053
kQ(35825)=0.99995625105957
r1= : 4.4860639275406E-12
rpunto1:= -1982913.6803305
rduepunti0 : = -1.0855637326539E+25
fil : = 488.51491449139
fipunto1 : = 6.1981936794269E+17
fi_gradi : = 27989.842829551
t1 : = 1.0809644568495E-14
tpunto1 : = 1.0004046388908
tduepunti0 : = 5.5580725415353E+14
v=v_elettrone : = 3414257.2181901
x0= : -1.2632612714065E-14
y0= : -4.4862785461237E-12
*****
i=35826
k(35826)=0.9999780971891
kQ(35826)=0.99995619485793
r1= : 4.4858313740152E-12
rpunto1:= -1984186.9366956
rduepunti0 : = -1.0856672503958E+25
fil : = 488.51498718299
fipunto1 : = 6.1988362970154E+17
fi_gradi : = 27989.846994473
t1 : = 1.0809644685822E-14
tpunto1 : = 1.0004047041238
tduepunti0 : = 5.5622202439457E+14
v=v_elettrone : = 3415113.5152378
x0= : -1.2305894157457E-14
y0= : -4.4860470491236E-12
*****
i=35827
k(35827)=0.99997806906694
kQ(35827)=0.99995613861485
r1= : 4.485598671164E-12
rpunto1:= -1985460.3145604
rduepunti0 : = -1.0857708493595E+25
fil : = 488.51505988214
fipunto1 : = 6.199479427245E+17
fi_gradi : = 27989.851159827
t1 : = 1.0809644803148E-14
tpunto1 : = 1.0004047694055
tduepunti0 : = 5.5663694883808E+14
v=v_elettrone : = 3415970.2366621
x0= : -1.1979175140707E-14
y0= : -4.4858153791103E-12
*****
i=35828
k(35828)=0.99997804092405
kQ(35828)=0.9999560823303
r1= : 4.4853658189726E-12
rpunto1:= -1986733.8140199
rduepunti0 : = -1.0858745295824E+25
fil : = 488.51513258882
fipunto1 : = 6.2001230703686E+17
fi_gradi : = 27989.855325613
t1 : = 1.0809644920474E-14
tpunto1 : = 1.0004048347358
tduepunti0 : = 5.5705202763284E+14
v=v_elettrone : = 3416827.3822977
x0= : -1.1652455676279E-14
y0= : -4.4855835360658E-12
```

```
*****
i=35829
k(35829)=0.99997801276042
kQ(35829)=0.99995602600428
r1= : 4.4851328174269E-12
rpunto1:= -1988007.4351695
rduepunti0 : = -1.085978291102E+25
fil : = 488.51520530305
fipunto1 : = 6.2007672266391E+17
fi_gradi : = 27989.859491832
t1 : = 1.08096450378E-14
tpunto1 : = 1.0004049001148
tduepunti0 : = 5.5746726092773E+14
v=v_elettrone : = 3417684.9519682
x0= : -1.1325735776653E-14
y0= : -4.4853515199722E-12
*****
i=35830
k(35830)=0.99997798457605
kQ(35830)=0.99995596963678
r1= : 4.4848996665126E-12
rpunto1:= -1989281.1781047
rduepunti0 : = -1.0860821339559E+25
fil : = 488.51527802484
fipunto1 : = 6.2014118963099E+17
fi_gradi : = 27989.863658483
t1 : = 1.0809645155126E-14
tpunto1 : = 1.0004049655426
tduepunti0 : = 5.5788264887176E+14
v=v_elettrone : = 3418542.9437294
x0= : -1.0999015454327E-14
y0= : -4.4851193308115E-12
*****
i=35831
k(35831)=0.99997795637092
kQ(35831)=0.99995591322777
r1= : 4.4846663662153E-12
rpunto1:= -1990555.0429209
rduepunti0 : = -1.0861860581817E+25
fil : = 488.51535075419
fipunto1 : = 6.2020570796345E+17
fi_gradi : = 27989.867825568
t1 : = 1.0809645272452E-14
tpunto1 : = 1.0004050310191
tduepunti0 : = 5.5829819161406E+14
v=v_elettrone : = 3419401.3609443
x0= : -1.0672294722071E-14
y0= : -4.4848869685656E-12
*****
i=35832
k(35832)=0.99997792814504
kQ(35832)=0.99995585677724
r1= : 4.4844329165209E-12
rpunto1:= -1991829.0297136
rduepunti0 : = -1.0862900638169E+25
fil : = 488.5154234911
fipunto1 : = 6.2027027768668E+17
fi_gradi : = 27989.871993086
t1 : = 1.0809645389779E-14
tpunto1 : = 1.0004050965443
tduepunti0 : = 5.5871388930389E+14
v=v_elettrone : = 3420260.1999062
x0= : -1.0345573592162E-14
y0= : -4.4846544332167E-12
```

```
*****
i=35833
k(35833)=0.99997789989839
kQ(35833)=0.99995580028519
r1= : 4.4841993174149E-12
rpunto1 : = -1993103.1385782
rduepunti0 : = -1.0863941508993E+25
fil : = 488.51549623559
fipunto1 : = 6.2033489882608E+17
fi_gradi : = 27989.876161039
t1 : = 1.0809645507105E-14
tpunto1 : = 1.0004051621183
tduepunti0 : = 5.5912974209062E+14
v=v_elettrone : = 3421119.4639763
x0= : -1.0018852077404E-14
y0= : -4.4844217247466E-12
*****
i=35834
k(35834)=0.99997787163096
kQ(35834)=0.99995574375158
r1= : 4.4839655688832E-12
rpunto1 : = -1994377.3696103
rduepunti0 : = -1.0864983194664E+25
fil : = 488.51556898766
fipunto1 : = 6.2039957140708E+17
fi_gradi : = 27989.880329425
t1 : = 1.0809645624431E-14
tpunto1 : = 1.0004052277411
tduepunti0 : = 5.5954575012376E+14
v=v_elettrone : = 3421979.1512075
x0= : -9.6921301901096E-15
y0= : -4.4841888431373E-12
*****
i=35835
k(35835)=0.99997784334275
kQ(35835)=0.99995568717642
r1= : 4.4837316709113E-12
rpunto1 : = -1995651.7229056
rduepunti0 : = -1.0866025695562E+25
fil : = 488.51564174731
fipunto1 : = 6.2046429545516E+17
fi_gradi : = 27989.884498246
t1 : = 1.0809645741757E-14
tpunto1 : = 1.0004052934127
tduepunti0 : = 5.5996191355294E+14
v=v_elettrone : = 3422839.2596751
x0= : -9.3654079428622E-15
y0= : -4.4839557883708E-12
*****
i=35836
k(35836)=0.99997781503375
kQ(35836)=0.99995563055968
r1= : 4.4834976234848E-12
rpunto1 : = -1996926.1985597
rduepunti0 : = -1.0867069012062E+25
fil : = 488.51571451455
fipunto1 : = 6.205290709958E+17
fi_gradi : = 27989.888667502
t1 : = 1.0809645859083E-14
tpunto1 : = 1.0004053591331
tduepunti0 : = 5.6037823252789E+14
v=v_elettrone : = 3423699.7927217
x0= : -9.038685348518E-15
y0= : -4.483722560429E-12
```

```
*****
i=35837
k(35837)=0.99997778670396
kQ(35837)=0.99995557390135
r1= : 4.4832634265896E-12
rpunto1 : = -1998200.7966683
rduepunti0 : = -1.0868113144544E+25
fil : = 488.51578728939
fipunto1 : = 6.2059389805451E+17
fi_gradi : = 27989.892837193
t1 : = 1.080964597641E-14
tpunto1 : = 1.0004054249024
tduepunti0 : = 5.6079470719849E+14
v=v_elettrone : = 3424560.7484101
x0= : -8.7119624194407E-15
y0= : -4.4834891592938E-12
*****
i=35838
k(35838)=0.99997775835336
kQ(35838)=0.99995551720141
r1= : 4.4830290802112E-12
rpunto1 : = -1999475.5173271
rduepunti0 : = -1.0869158093386E+25
fil : = 488.51586007183
fipunto1 : = 6.2065877665684E+17
fi_gradi : = 27989.897007319
t1 : = 1.0809646093736E-14
tpunto1 : = 1.0004054907205
tduepunti0 : = 5.6121133771475E+14
v=v_elettrone : = 3425422.1283441
x0= : -8.3852391682661E-15
y0= : -4.4832555849472E-12
*****
i=35839
k(35839)=0.99997772998195
kQ(35839)=0.99995546045985
r1= : 4.4827945843351E-12
rpunto1 : = -2000750.3606319
rduepunti0 : = -1.0870203858966E+25
fil : = 488.51593286188
fipunto1 : = 6.2072370682836E+17
fi_gradi : = 27989.901177882
t1 : = 1.0809646211062E-14
tpunto1 : = 1.0004055565875
tduepunti0 : = 5.6162812422677E+14
v=v_elettrone : = 3426283.9305799
x0= : -8.0585156073925E-15
y0= : -4.483021837371E-12
*****
i=35840
k(35840)=0.99997770158972
kQ(35840)=0.99995540367666
r1= : 4.4825599389472E-12
rpunto1 : = -2002025.3266786
rduepunti0 : = -1.0871250441664E+25
fil : = 488.51600565955
fipunto1 : = 6.2078868859465E+17
fi_gradi : = 27989.905348881
t1 : = 1.0809646328388E-14
tpunto1 : = 1.0004056225034
tduepunti0 : = 5.6204506688481E+14
v=v_elettrone : = 3427146.1549385
x0= : -7.7317917494906E-15
y0= : -4.4827879165471E-12
```

```
*****
i=35841
k(35841)=0.99997767317667
kQ(35841)=0.99995534685182
r1= : 4.4823251440328E-12
rpunto1:= -2003300.415563
rduepunti0 : = -1.0872297841859E+25
fil : = 488.51607846483
fipunto1 : = 6.2085372198135E+17
fi_gradi : = 27989.909520317
t1 : = 1.0809646445715E-14
tpunto1 : = 1.0004056884683
tduepunti0 : = 5.6246216583923E+14
v=v_elettrone : = 3428008.8012526
x0= : -7.4050676072482E-15
y0= : -4.4825538224574E-12
*****
i=35842
k(35842)=0.99997764474278
kQ(35842)=0.99995528998532
r1= : 4.4820901995777E-12
rpunto1:= -2004575.627381
rduepunti0 : = -1.0873346059932E+25
fil : = 488.51615127775
fipunto1 : = 6.209188070141E+17
fi_gradi : = 27989.913692189
t1 : = 1.0809646563041E-14
tpunto1 : = 1.000405754482
tduepunti0 : = 5.6287942124052E+14
v=v_elettrone : = 3428871.8728816
x0= : -7.0783431933707E-15
y0= : -4.4823195550838E-12
*****
i=35843
k(35843)=0.99997761628805
kQ(35843)=0.99995523307713
r1= : 4.4818551055675E-12
rpunto1:= -2005850.9622287
rduepunti0 : = -1.0874395096263E+25
fil : = 488.51622409829
fipunto1 : = 6.2098394371858E+17
fi_gradi : = 27989.917864499
t1 : = 1.0809646680367E-14
tpunto1 : = 1.0004058205447
tduepunti0 : = 5.6329683323932E+14
v=v_elettrone : = 3429735.3643537
x0= : -6.7516185200712E-15
y0= : -4.482085114408E-12
*****
i=35844
k(35844)=0.99997758781248
kQ(35844)=0.99995517612726
r1= : 4.4816198619876E-12
rpunto1:= -2007126.420202
rduepunti0 : = -1.0875444951233E+25
fil : = 488.51629692648
fipunto1 : = 6.2104913212049E+17
fi_gradi : = 27989.922037247
t1 : = 1.0809646797693E-14
tpunto1 : = 1.0004058866564
tduepunti0 : = 5.6371440198634E+14
v=v_elettrone : = 3430599.2807879
x0= : -6.4248936003446E-15
y0= : -4.481850500412E-12
```

```
*****
i=35845
k(35845)=0.99997755931604
kQ(35845)=0.99995511913567
r1= : 4.4813844688237E-12
rpunto1 : = -2008402.0013969
rduepunti0 : = -1.0876495625222E+25
fil : = 488.51636976231
fipunto1 : = 6.2111437224556E+17
fi_gradi : = 27989.926210433
t1 : = 1.080964691502E-14
tpunto1 : = 1.0004059528171
tduepunti0 : = 5.6413212763248E+14
v=v_elettrone : = 3431463.6184875
x0= : -6.0981684464389E-15
y0= : -4.4816157130775E-12
*****
i=35846
k(35846)=0.99997753079875
kQ(35846)=0.99995506210237
r1= : 4.4811489260613E-12
rpunto1 : = -2009677.7059097
rduepunti0 : = -1.0877547118613E+25
fil : = 488.51644260579
fipunto1 : = 6.2117966411955E+17
fi_gradi : = 27989.930384057
t1 : = 1.0809647032346E-14
tpunto1 : = 1.0004060190268
tduepunti0 : = 5.6455001032871E+14
v=v_elettrone : = 3432328.377278
x0= : -5.7714430711294E-15
y0= : -4.4813807523864E-12
*****
i=35847
k(35847)=0.99997750226059
kQ(35847)=0.99995500502732
r1= : 4.4809132336859E-12
rpunto1 : = -2010953.5338363
rduepunti0 : = -1.0878599431787E+25
fil : = 488.51651545693
fipunto1 : = 6.2124500776823E+17
fi_gradi : = 27989.93455812
t1 : = 1.0809647149672E-14
tpunto1 : = 1.0004060852855
tduepunti0 : = 5.6496805022616E+14
v=v_elettrone : = 3433193.5605182
x0= : -5.4447174872083E-15
y0= : -4.4811456183204E-12
*****
i=35848
k(35848)=0.99997747370154
kQ(35848)=0.99995494791052
r1= : 4.4806773916831E-12
rpunto1 : = -2012229.485273
rduepunti0 : = -1.0879652565126E+25
fil : = 488.51658831573
fipunto1 : = 6.2131040321743E+17
fi_gradi : = 27989.938732621
t1 : = 1.0809647266999E-14
tpunto1 : = 1.0004061515933
tduepunti0 : = 5.6538624747607E+14
v=v_elettrone : = 3434059.1645028
x0= : -5.1179917069765E-15
y0= : -4.4809103108612E-12
```

```
*****
i=35849
k(35849)=0.99997744512162
kQ(35849)=0.99995489075196
r1= : 4.4804414000384E-12
rpunto1: = -2013505.5603161
rduepunti0 : = -1.0880706519014E+25
fil : = 488.51666118221
fipunto1 : = 6.2137585049297E+17
fi_gradi : = 27989.942907563
t1 : = 1.0809647384325E-14
tpunto1 : = 1.0004062179501
tduepunti0 : = 5.6580460222981E+14
v=v_elettrone : = 3434925.1908272
x0= : -4.7912657432613E-15
y0= : -4.4806748299908E-12
*****
i=35850
k(35850)=0.9999774165208
kQ(35850)=0.99995483355161
r1= : 4.4802052587373E-12
rpunto1: = -2014781.7590618
rduepunti0 : = -1.0881761293834E+25
fil : = 488.51673405635
fipunto1 : = 6.2144134962072E+17
fi_gradi : = 27989.947082944
t1 : = 1.0809647501651E-14
tpunto1 : = 1.000406284356
tduepunti0 : = 5.6622311463888E+14
v=v_elettrone : = 3435791.63932
x0= : -4.4645396086531E-15
y0= : -4.4804391756907E-12
*****
i=35851
k(35851)=0.99997738789908
kQ(35851)=0.99995477630946
r1= : 4.4799689677652E-12
rpunto1: = -2016058.0816064
rduepunti0 : = -1.0882816889968E+25
fil : = 488.51680693818
fipunto1 : = 6.2150690062658E+17
fi_gradi : = 27989.951258765
t1 : = 1.0809647618978E-14
tpunto1 : = 1.000406350811
tduepunti0 : = 5.6664178485489E+14
v=v_elettrone : = 3436658.5097978
x0= : -4.1378133157599E-15
y0= : -4.4802033479428E-12
*****
i=35852
k(35852)=0.99997735925645
kQ(35852)=0.9999547190255
r1= : 4.4797325271077E-12
rpunto1: = -2017334.5280463
rduepunti0 : = -1.0883873307801E+25
fil : = 488.5168798277
fipunto1 : = 6.2157250353645E+17
fi_gradi : = 27989.955435027
t1 : = 1.0809647736304E-14
tpunto1 : = 1.0004064173151
tduepunti0 : = 5.670606130296E+14
v=v_elettrone : = 3437525.8021055
x0= : -3.8110868772071E-15
y0= : -4.4799673467288E-12
```

```
*****
i=35853
k(35853)=0.99997733059291
kQ(35853)=0.99995466169972
r1= : 4.4794959367503E-12
rpunto1: = -2018611.098478
rduepunti0 : = -1.0884930547718E+25
fil : = 488.51695272491
fipunto1 : = 6.216381583763E+17
fi_gradi : = 27989.959611729
t1 : = 1.080964785363E-14
tpunto1 : = 1.0004064838684
tduepunti0 : = 5.6747959931488E+14
v=v_elettrone : = 3438393.516056
x0= : -3.4843603056379E-15
y0= : -4.4797311720303E-12
*****
i=35854
k(35854)=0.99997730190844
kQ(35854)=0.99995460433209
r1= : 4.4792591966783E-12
rpunto1: = -2019887.7929978
rduepunti0 : = -1.0885988610102E+25
fil : = 488.51702562982
fipunto1 : = 6.2170386517208E+17
fi_gradi : = 27989.963788873
t1 : = 1.0809647970957E-14
tpunto1 : = 1.0004065504708
tduepunti0 : = 5.6789874386273E+14
v=v_elettrone : = 3439261.653245
x0= : -3.1576336137129E-15
y0= : -4.4794948238291E-12
*****
i=35855
k(35855)=0.99997727320305
kQ(35855)=0.99995454692261
r1= : 4.4790223068773E-12
rpunto1: = -2021164.6117023
rduepunti0 : = -1.0887047495339E+25
fil : = 488.51709854244
fipunto1 : = 6.2176962394979E+17
fi_gradi : = 27989.967966458
t1 : = 1.0809648088283E-14
tpunto1 : = 1.0004066171224
tduepunti0 : = 5.6831804682527E+14
v=v_elettrone : = 3440130.209984
x0= : -2.8309068138559E-15
y0= : -4.4792583021069E-12
*****
i=35856
k(35856)=0.99997724447672
kQ(35856)=0.99995448947125
r1= : 4.4787852673326E-12
rpunto1: = -2022441.554688
rduepunti0 : = -1.0888107203814E+25
fil : = 488.51717146277
fipunto1 : = 6.2183543473547E+17
fi_gradi : = 27989.972144485
t1 : = 1.080964820561E-14
tpunto1 : = 1.0004066838232
tduepunti0 : = 5.6873750835476E+14
v=v_elettrone : = 3440999.1896111
x0= : -2.5041799190175E-15
y0= : -4.4790216068453E-12
```



```
*****
i=35857
k(35857)=0.99997721572944
kQ(35857)=0.99995443197801
r1= : 4.4785480780297E-12
rpunto1 : = -2023718.6220516
rduepunti0 : = -1.0889167735913E+25
fil : = 488.51724439081
fipunto1 : = 6.2190129755517E+17
fi_gradi : = 27989.976322955
t1 : = 1.0809648322936E-14
tpunto1 : = 1.0004067505732
tduepunti0 : = 5.6915712860359E+14
v=v_elettrone : = 3441868.5902011
x0= : -2.1774529416567E-15
y0= : -4.4787847380259E-12
*****
i=35858
k(35858)=0.99997718696122
kQ(35858)=0.99995437444287
r1= : 4.478310738954E-12
rpunto1 : = -2024995.8138896
rduepunti0 : = -1.0890229092023E+25
fil : = 488.51731732659
fipunto1 : = 6.2196721243497E+17
fi_gradi : = 27989.980501867
t1 : = 1.0809648440262E-14
tpunto1 : = 1.0004068173725
tduepunti0 : = 5.6957690772425E+14
v=v_elettrone : = 3442738.4133484
x0= : -1.8507258945048E-15
y0= : -4.4785476956305E-12
*****
i=35859
k(35859)=0.99997715817203
kQ(35859)=0.99995431686581
r1= : 4.478073250091E-12
rpunto1 : = -2026273.1302987
rduepunti0 : = -1.0891291272529E+25
fil : = 488.51739027009
fipunto1 : = 6.2203317940098E+17
fi_gradi : = 27989.984681221
t1 : = 1.0809648557589E-14
tpunto1 : = 1.0004068842209
tduepunti0 : = 5.6999684586938E+14
v=v_elettrone : = 3443608.6553449
x0= : -1.5239987900564E-15
y0= : -4.4783104796406E-12
*****
i=35860
k(35860)=0.99997712936187
kQ(35860)=0.99995425924682
r1= : 4.4778356114259E-12
rpunto1 : = -2027550.5713757
rduepunti0 : = -1.089235427782E+25
fil : = 488.51746322133
fipunto1 : = 6.2209919847932E+17
fi_gradi : = 27989.988861019
t1 : = 1.0809648674915E-14
tpunto1 : = 1.0004069511187
tduepunti0 : = 5.7041694319174E+14
v=v_elettrone : = 3444479.3213086
x0= : -1.1972716413327E-15
y0= : -4.4780730900378E-12
```

```
*****
i=35861
k(35861)=0.99997710053075
kQ(35861)=0.99995420158588
r1= : 4.4775978229443E-12
rpunto1 : = -2028828.1372174
rduepunti0 : = -1.0893418108281E+25
fil : = 488.51753618031
fipunto1 : = 6.2216526969618E+17
fi_gradi : = 27989.993041261
t1 : = 1.0809648792242E-14
tpunto1 : = 1.0004070180657
tduepunti0 : = 5.7083719984423E+14
v=v_elettrone : = 3445350.4057978
x0= : -8.7054446060906E-16
y0= : -4.4778355268038E-12
*****
i=35862
k(35862)=0.99997707167863
kQ(35862)=0.99995414388298
r1= : 4.4773598846313E-12
rpunto1 : = -2030105.8279205
rduepunti0 : = -1.0894482764302E+25
fil : = 488.51760914704
fipunto1 : = 6.2223139307773E+17
fi_gradi : = 27989.997221947
t1 : = 1.0809648909568E-14
tpunto1 : = 1.0004070850621
tduepunti0 : = 5.7125761597987E+14
v=v_elettrone : = 3446221.9139033
x0= : -5.4381726094229E-16
y0= : -4.4775977899202E-12
*****
i=35863
k(35863)=0.99997704280553
kQ(35863)=0.9999540861381
r1= : 4.4771217964725E-12
rpunto1 : = -2031383.6435819
rduepunti0 : = -1.0895548246271E+25
fil : = 488.51768212152
fipunto1 : = 6.2229756865019E+17
fi_gradi : = 27990.001403077
t1 : = 1.0809649026894E-14
tpunto1 : = 1.0004071521078
tduepunti0 : = 5.7167819175178E+14
v=v_elettrone : = 3447093.8419405
x0= : -2.1709005464333E-16
y0= : -4.4773598793684E-12
*****
i=35864
k(35864)=0.99997701391144
kQ(35864)=0.99995402835123
r1= : 4.4768835584531E-12
rpunto1 : = -2032661.5842986
rduepunti0 : = -1.0896614554575E+25
fil : = 488.51775510377
fipunto1 : = 6.2236379643981E+17
fi_gradi : = 27990.005584651
t1 : = 1.0809649144221E-14
tpunto1 : = 1.0004072192028
tduepunti0 : = 5.7209892731326E+14
v=v_elettrone : = 3447966.1914972
x0= : 1.0963714545003E-16
y0= : -4.4771217951301E-12
```

```
*****
i=35865
k(35865)=0.99997698499633
kQ(35865)=0.99995397052236
r1= : 4.4766451705585E-12
rpunto1 : = -2033939.6501675
rduepunti0 : = -1.0897681689604E+25
fil : = 488.51782809378
fipunto1 : = 6.2243007647285E+17
fi_gradi : = 27990.009766671
t1 : = 1.0809649261547E-14
tpunto1 : = 1.0004072863472
tduepunti0 : = 5.725198228177E+14
v=v_elettrone : = 3448838.9606457
x0= : 4.3636432673668E-16
y0= : -4.4768835371868E-12
*****
i=35866
k(35866)=0.99997695606022
kQ(35866)=0.99995391265146
r1= : 4.4764066327741E-12
rpunto1 : = -2035217.8412856
rduepunti0 : = -1.0898749651747E+25
fil : = 488.51790109157
fipunto1 : = 6.2249640877563E+17
fi_gradi : = 27990.013949136
t1 : = 1.0809649378874E-14
tpunto1 : = 1.0004073535409
tduepunti0 : = 5.7294087841863E+14
v=v_elettrone : = 3449712.1509852
x0= : 7.6309147634322E-16
y0= : -4.47664510552E-12
*****
i=35867
k(35867)=0.99997692710308
kQ(35867)=0.99995385473853
r1= : 4.476167945085E-12
rpunto1 : = -2036496.15775
rduepunti0 : = -1.0899818441394E+25
fil : = 488.51797409713
fipunto1 : = 6.2256279337446E+17
fi_gradi : = 27990.018132047
t1 : = 1.08096494962E-14
tpunto1 : = 1.0004074207841
tduepunti0 : = 5.7336209426972E+14
v=v_elettrone : = 3450585.7623167
x0= : 1.0898185816329E-15
y0= : -4.4764065001113E-12
*****
i=35868
k(35868)=0.99997689812492
kQ(35868)=0.99995379678354
r1= : 4.4759291074766E-12
rpunto1 : = -2037774.5996577
rduepunti0 : = -1.0900888058935E+25
fil : = 488.51804711048
fipunto1 : = 6.2262923029571E+17
fi_gradi : = 27990.022315404
t1 : = 1.0809649613527E-14
tpunto1 : = 1.0004074880766
tduepunti0 : = 5.7378347052474E+14
v=v_elettrone : = 3451459.7944939
x0= : 1.416545629951E-15
y0= : -4.4761677209422E-12
```

```
*****
i=35869
k(35869)=0.99997686912572
kQ(35869)=0.99995373878649
r1= : 4.4756901199343E-12
rpunto1 : = -2039053.1671059
rduepunti0 : = -1.0901958504761E+25
fil : = 488.51812013163
fipunto1 : = 6.2269571956574E+17
fi_gradi : = 27990.026499207
t1 : = 1.0809649730853E-14
tpunto1 : = 1.0004075554187
tduepunti0 : = 5.7420500733761E+14
v=v_elettrone : = 3452334.247326
x0= : 1.7432726086251E-15
y0= : -4.4759287679941E-12
*****
i=35870
k(35870)=0.99997684010548
kQ(35870)=0.99995368074735
r1= : 4.4754509824432E-12
rpunto1 : = -2040331.8601918
rduepunti0 : = -1.0903029779263E+25
fil : = 488.51819316057
fipunto1 : = 6.2276226121098E+17
fi_gradi : = 27990.030683457
t1 : = 1.080964984818E-14
tpunto1 : = 1.0004076228101
tduepunti0 : = 5.7462670486238E+14
v=v_elettrone : = 3453209.1206551
x0= : 2.0699995049647E-15
y0= : -4.4756896412485E-12
*****
i=35871
k(35871)=0.9999768110642
kQ(35871)=0.99995362266612
r1= : 4.4752116949887E-12
rpunto1 : = -2041610.6790125
rduepunti0 : = -1.0904101882832E+25
fil : = 488.51826619731
fipunto1 : = 6.2282885525786E+17
fi_gradi : = 27990.034868154
t1 : = 1.0809649965506E-14
tpunto1 : = 1.0004076902511
tduepunti0 : = 5.7504856325322E+14
v=v_elettrone : = 3454084.414315
x0= : 2.3967263062614E-15
y0= : -4.4754503406869E-12
*****
i=35872
k(35872)=0.99997678200185
kQ(35872)=0.99995356454277
r1= : 4.474972257556E-12
rpunto1 : = -2042889.6236655
rduepunti0 : = -1.0905174815859E+25
fil : = 488.51833924187
fipunto1 : = 6.2289550173284E+17
fi_gradi : = 27990.039053299
t1 : = 1.0809650082833E-14
tpunto1 : = 1.0004077577415
tduepunti0 : = 5.7547058266444E+14
v=v_elettrone : = 3454960.1281195
x0= : 2.7234529997889E-15
y0= : -4.4752108662908E-12
```

```
*****
i=35873
k(35873)=0.99997675291844
kQ(35873)=0.9999535063773
r1= : 4.4747326701303E-12
rpunto1: = -2044168.694248
rduepunti0 : = -1.0906248578738E+25
fil : = 488.51841229424
fipunto1 : = 6.2296220066242E+17
fi_gradi : = 27990.043238892
t1 : = 1.0809650200159E-14
tpunto1 : = 1.0004078252815
tduepunti0 : = 5.7589276325046E+14
v=v_elettrone : = 3455836.2619151
x0= : 3.050179572803E-15
y0= : -4.4749712180415E-12
*****
i=35874
k(35874)=0.99997672381395
kQ(35874)=0.99995344816968
r1= : 4.4744929326969E-12
rpunto1: = -2045447.8908573
rduepunti0 : = -1.0907323171859E+25
fil : = 488.51848535443
fipunto1 : = 6.2302895207311E+17
fi_gradi : = 27990.047424932
t1 : = 1.0809650317486E-14
tpunto1 : = 1.0004078928709
tduepunti0 : = 5.7631510516586E+14
v=v_elettrone : = 3456712.8172676
x0= : 3.3769060125414E-15
y0= : -4.4747313959205E-12
*****
i=35875
k(35875)=0.99997669468839
kQ(35875)=0.99995338991991
r1= : 4.4742530452409E-12
rpunto1: = -2046727.2135909
rduepunti0 : = -1.0908398595617E+25
fil : = 488.51855842245
fipunto1 : = 6.2309575599146E+17
fi_gradi : = 27990.051611422
t1 : = 1.0809650434812E-14
tpunto1 : = 1.00040796051
tduepunti0 : = 5.7673760856532E+14
v=v_elettrone : = 3457589.7905154
x0= : 3.7036323064783E-15
y0= : -4.4744913999093E-12
*****
i=35876
k(35876)=0.99997666554173
kQ(35876)=0.99995333162796
r1= : 4.4740130077477E-12
rpunto1: = -2048006.6625463
rduepunti0 : = -1.0909474850405E+25
fil : = 488.51863149831
fipunto1 : = 6.2316261244405E+17
fi_gradi : = 27990.05579836
t1 : = 1.0809650552139E-14
tpunto1 : = 1.0004080281986
tduepunti0 : = 5.7716027360366E+14
v=v_elettrone : = 3458467.186731
x0= : 4.0303584415611E-15
y0= : -4.4742512299891E-12
```

```
*****
i=35877
k(35877)=0.99997663637398
kQ(35877)=0.99995327329382
r1= : 4.4737728202024E-12
rpunto1 : = -2049286.237821
rduepunti0 : = -1.0910551936616E+25
fil : = 488.518704582
fipunto1 : = 6.2322952145749E+17
fi_gradi : = 27990.059985747
t1 : = 1.0809650669465E-14
tpunto1 : = 1.0004080959368
tduepunti0 : = 5.7758310043585E+14
v=v_elettrone : = 3459345.0005112
x0= : 4.3570844054821E-15
y0= : -4.4740108861414E-12
*****
i=35878
k(35878)=0.99997660718513
kQ(35878)=0.99995321491748
r1= : 4.4735324825902E-12
rpunto1 : = -2050565.9395125
rduepunti0 : = -1.0911629854645E+25
fil : = 488.51877767355
fipunto1 : = 6.2329648305839E+17
fi_gradi : = 27990.064173584
t1 : = 1.0809650786792E-14
tpunto1 : = 1.0004081637246
tduepunti0 : = 5.7800608921696E+14
v=v_elettrone : = 3460223.2351596
x0= : 4.6838101851527E-15
y0= : -4.4737703683475E-12
*****
i=35879
k(35879)=0.99997657797517
kQ(35879)=0.99995315649892
r1= : 4.4732919948962E-12
rpunto1 : = -2051845.7677184
rduepunti0 : = -1.0912708604885E+25
fil : = 488.51885077294
fipunto1 : = 6.2336349727342E+17
fi_gradi : = 27990.068361871
t1 : = 1.0809650904118E-14
tpunto1 : = 1.000408231562
tduepunti0 : = 5.784292401022E+14
v=v_elettrone : = 3461101.8887809
x0= : 5.010535767975E-15
y0= : -4.4735296765888E-12
*****
i=35880
k(35880)=0.99997654874408
kQ(35880)=0.99995309803813
r1= : 4.4730513571056E-12
rpunto1 : = -2053125.7225363
rduepunti0 : = -1.0913788187733E+25
fil : = 488.5189238802
fipunto1 : = 6.2343056412927E+17
fi_gradi : = 27990.072550608
t1 : = 1.0809651021445E-14
tpunto1 : = 1.0004082994491
tduepunti0 : = 5.7885255324692E+14
v=v_elettrone : = 3461980.9629425
x0= : 5.3372611410783E-15
y0= : -4.4732888108467E-12
```

```
*****
i=35881
k(35881)=0.99997651949188
kQ(35881)=0.99995303953509
r1= : 4.4728105692037E-12
rpunto1:= -2054405.804064
rduepunti0 : = -1.0914868603583E+25
fil : = 488.51899699532
fipunto1 : = 6.2349768365265E+17
fi_gradi : = 27990.076739796
t1 : = 1.0809651138772E-14
tpunto1 : = 1.0004083673858
tduepunti0 : = 5.7927602880659E+14
v=v_elettrone : = 3462860.4574702
x0= : 5.6639862918284E-15
y0= : -4.4730477711024E-12
*****
i=35882
k(35882)=0.99997649021853
kQ(35882)=0.99995298098978
r1= : 4.4725696311754E-12
rpunto1:= -2055686.0123992
rduepunti0 : = -1.0915949852831E+25
fil : = 488.51907011832
fipunto1 : = 6.235648558703E+17
fi_gradi : = 27990.080929435
t1 : = 1.0809651256098E-14
tpunto1 : = 1.0004084353722
tduepunti0 : = 5.7969966693683E+14
v=v_elettrone : = 3463740.3704583
x0= : 5.990711207573E-15
y0= : -4.4728065573373E-12
*****
i=35883
k(35883)=0.99997646092405
kQ(35883)=0.99995292240219
r1= : 4.4723285430059E-12
rpunto1:= -2056966.3476397
rduepunti0 : = -1.0917031935873E+25
fil : = 488.51914324919
fipunto1 : = 6.23632080809E+17
fi_gradi : = 27990.085119525
t1 : = 1.0809651373425E-14
tpunto1 : = 1.0004085034083
tduepunti0 : = 5.8012346779336E+14
v=v_elettrone : = 3464620.7034774
x0= : 6.3174358753871E-15
y0= : -4.4725651695326E-12
*****
i=35884
k(35884)=0.99997643160842
kQ(35884)=0.99995286377231
r1= : 4.4720873046805E-12
rpunto1:= -2058246.8098834
rduepunti0 : = -1.0918114853106E+25
fil : = 488.51921638794
fipunto1 : = 6.2369935849553E+17
fi_gradi : = 27990.089310067
t1 : = 1.0809651490751E-14
tpunto1 : = 1.0004085714942
tduepunti0 : = 5.8054743153205E+14
v=v_elettrone : = 3465501.4563656
x0= : 6.6441602825822E-15
y0= : -4.4723236076697E-12
```

```
*****
i=35885
k(35885)=0.99997640227163
kQ(35885)=0.99995280510011
r1= : 4.471845916184E-12
rpunto1: = -2059527.399228
rduerpunti0 : = -1.0919198604926E+25
fil : = 488.51928953459
fipunto1 : = 6.2376668895672E+17
fi_gradi : = 27990.093501061
t1 : = 1.0809651608078E-14
tpunto1 : = 1.0004086396298
tduepunti0 : = 5.8097155830891E+14
v=v_elettrone : = 3466382.6271868
x0= : 6.9708844164512E-15
y0= : -4.4720818717298E-12
*****
i=35886
k(35886)=0.99997637291368
kQ(35886)=0.99995274638559
r1= : 4.4716043775018E-12
rpunto1: = -2060808.1157715
rduerpunti0 : = -1.0920283191731E+25
fil : = 488.51936268913
fipunto1 : = 6.2383407221943E+17
fi_gradi : = 27990.097692508
t1 : = 1.0809651725405E-14
tpunto1 : = 1.0004087078151
tduepunti0 : = 5.8139584828007E+14
v=v_elettrone : = 3467264.2192926
x0= : 7.2976082640148E-15
y0= : -4.4718399616942E-12
*****
i=35887
k(35887)=0.99997634353455
kQ(35887)=0.99995268762873
r1= : 4.4713626886188E-12
rpunto1: = -2062088.9596119
rduerpunti0 : = -1.0921368613919E+25
fil : = 488.51943585158
fipunto1 : = 6.2390150831054E+17
fi_gradi : = 27990.101884407
t1 : = 1.0809651842731E-14
tpunto1 : = 1.0004087760502
tduepunti0 : = 5.8182030160179E+14
v=v_elettrone : = 3468146.2290016
x0= : 7.6243318127839E-15
y0= : -4.4715978775442E-12
*****
i=35888
k(35888)=0.99997631413424
kQ(35888)=0.99995262882951
r1= : 4.47112084952E-12
rpunto1: = -2063369.9308473
rduerpunti0 : = -1.0922454871887E+25
fil : = 488.51950902193
fipunto1 : = 6.2396899725696E+17
fi_gradi : = 27990.10607676
t1 : = 1.0809651960058E-14
tpunto1 : = 1.0004088443352
tduepunti0 : = 5.8224491843045E+14
v=v_elettrone : = 3469028.6596306
x0= : 7.9510550497428E-15
y0= : -4.4713556192609E-12
```



```
*****
i=35889
k(35889)=0.99997628471275
kQ(35889)=0.99995256998792
r1= : 4.4708788601907E-12
rpunto1: = -2064651.0295756
rduepunti0 : = -1.0923541966035E+25
fil : = 488.5195822002
fipunto1 : = 6.2403653908563E+17
fi_gradi : = 27990.110269566
t1 : = 1.0809652077385E-14
tpunto1 : = 1.0004089126699
tduepunti0 : = 5.8266969892261E+14
v=v_elettrone : = 3469911.5075499
x0= : 8.2777779623658E-15
y0= : -4.4711131868255E-12
*****
i=35890
k(35890)=0.99997625527006
kQ(35890)=0.99995251110394
r1= : 4.4706367206158E-12
rpunto1: = -2065932.255895
rduepunti0 : = -1.0924629896762E+25
fil : = 488.51965538639
fipunto1 : = 6.2410413382351E+17
fi_gradi : = 27990.114462825
t1 : = 1.0809652194711E-14
tpunto1 : = 1.0004089810545
tduepunti0 : = 5.830946432349E+14
v=v_elettrone : = 3470794.77605
x0= : 8.6045005376007E-15
y0= : -4.4708705802193E-12
*****
i=35891
k(35891)=0.99997622580617
kQ(35891)=0.99995245217755
r1= : 4.4703944307803E-12
rpunto1: = -2067213.6099037
rduepunti0 : = -1.0925718664465E+25
fil : = 488.51972858051
fipunto1 : = 6.2417178149759E+17
fi_gradi : = 27990.118656539
t1 : = 1.0809652312038E-14
tpunto1 : = 1.0004090494889
tduepunti0 : = 5.8351975152412E+14
v=v_elettrone : = 3471678.4614871
x0= : 8.9312227628851E-15
y0= : -4.4706277994235E-12
*****
i=35892
k(35892)=0.99997619632107
kQ(35892)=0.99995239320875
r1= : 4.4701519906693E-12
rpunto1: = -2068495.0916999
rduepunti0 : = -1.0926808269546E+25
fil : = 488.51980178256
fipunto1 : = 6.242394821349E+17
fi_gradi : = 27990.122850708
t1 : = 1.0809652429365E-14
tpunto1 : = 1.0004091179732
tduepunti0 : = 5.8394502394721E+14
v=v_elettrone : = 3472562.5671786
x0= : 9.2579446251303E-15
y0= : -4.4703848444192E-12
```

```
*****
i=35893
k(35893)=0.99997616681475
kQ(35893)=0.99995233419752
r1= : 4.4699094002678E-12
rpunto1: = -2069776.7013817
rduepunti0 : = -1.0927898712405E+25
fil : = 488.51987499255
fipunto1 : = 6.2430723576248E+17
fi_gradi : = 27990.127045332
t1 : = 1.0809652546691E-14
tpunto1 : = 1.0004091865074
tduepunti0 : = 5.8437046066121E+14
v=v_elettrone : = 3473447.0912084
x0= : 9.5846661117373E-15
y0= : -4.4701417151876E-12
*****
i=35894
k(35894)=0.9999761372872
kQ(35894)=0.99995227514383
r1= : 4.4696666595607E-12
rpunto1: = -2071058.4390476
rduepunti0 : = -1.0928989993442E+25
fil : = 488.51994821048
fipunto1 : = 6.2437504240743E+17
fi_gradi : = 27990.13124041
t1 : = 1.0809652664018E-14
tpunto1 : = 1.0004092550915
tduepunti0 : = 5.8479606182331E+14
v=v_elettrone : = 3474332.0351574
x0= : 9.9113872098349E-15
y0= : -4.4698984117098E-12
*****
i=35895
k(35895)=0.99997610773842
kQ(35895)=0.99995221604768
r1= : 4.4694237685332E-12
rpunto1: = -2072340.3047958
rduepunti0 : = -1.0930082113057E+25
fil : = 488.52002143637
fipunto1 : = 6.2444290209683E+17
fi_gradi : = 27990.135435945
t1 : = 1.0809652781345E-14
tpunto1 : = 1.0004093237256
tduepunti0 : = 5.8522182759085E+14
v=v_elettrone : = 3475217.3971067
x0= : 1.0238107906787E-14
y0= : -4.469654933967E-12
*****
i=35896
k(35896)=0.9999760781684
kQ(35896)=0.99995215690905
r1= : 4.4691807271701E-12
rpunto1: = -2073622.2987248
rduepunti0 : = -1.0931175071653E+25
fil : = 488.52009467022
fipunto1 : = 6.2451081485783E+17
fi_gradi : = 27990.139631935
t1 : = 1.0809652898671E-14
tpunto1 : = 1.0004093924096
tduepunti0 : = 5.8564775812127E+14
v=v_elettrone : = 3476103.1768965
x0= : 1.0564828189686E-14
y0= : -4.4694112819402E-12
```

```
*****
i=35897
k(35897)=0.99997604857713
kQ(35897)=0.99995209772792
r1= : 4.4689375354564E-12
rpunto1 : = -2074904.420933
rduepunti0 : = -1.0932268869631E+25
fil : = 488.52016791203
fipunto1 : = 6.2457878071758E+17
fi_gradi : = 27990.143828382
t1 : = 1.0809653015998E-14
tpunto1 : = 1.0004094611436
tduepunti0 : = 5.8607385357216E+14
v=v_elettrone : = 3476989.37609
x0= : 1.0891548045606E-14
y0= : -4.4691674556107E-12
*****
i=35898
k(35898)=0.9999760189646
kQ(35898)=0.99995203850428
r1= : 4.4686941933772E-12
rpunto1 : = -2076186.6715188
rduepunti0 : = -1.0933363507393E+25
fil : = 488.52024116182
fipunto1 : = 6.2464679970329E+17
fi_gradi : = 27990.148025285
t1 : = 1.0809653133325E-14
tpunto1 : = 1.0004095299275
tduepunti0 : = 5.8650011410126E+14
v=v_elettrone : = 3477875.9927869
x0= : 1.1218267461855E-14
y0= : -4.4689234549594E-12
*****
i=35899
k(35899)=0.9999759893308
kQ(35899)=0.99995197923812
r1= : 4.4684507009172E-12
rpunto1 : = -2077469.0505809
rduepunti0 : = -1.0934458985343E+25
fil : = 488.52031441958
fipunto1 : = 6.2471487184216E+17
fi_gradi : = 27990.152222646
t1 : = 1.0809653250651E-14
tpunto1 : = 1.0004095987615
tduepunti0 : = 5.8692653986642E+14
v=v_elettrone : = 3478763.0285497
x0= : 1.1544986425469E-14
y0= : -4.4686792799675E-12
*****
i=35900
k(35900)=0.99997595967573
kQ(35900)=0.99995191992941
r1= : 4.4682070580615E-12
rpunto1 : = -2078751.5582178
rduepunti0 : = -1.0935555303882E+25
fil : = 488.52038768532
fipunto1 : = 6.2478299716145E+17
fi_gradi : = 27990.156420464
t1 : = 1.0809653367978E-14
tpunto1 : = 1.0004096676455
tduepunti0 : = 5.8735313102563E+14
v=v_elettrone : = 3479650.4832215
x0= : 1.1871704923722E-14
y0= : -4.4684349306161E-12
```

```
*****
i=35901
k(35901)=0.99997592999939
kQ(35901)=0.99995186057814
r1= : 4.467963264795E-12
rpunto1:= -2080034.1945282
rduepunti0 : = -1.0936652463414E+25
fil : = 488.52046095905
fipunto1 : = 6.2485117568843E+17
fi_gradi : = 27990.160618739
t1 : = 1.0809653485305E-14
tpunto1 : = 1.0004097365796
tduepunti0 : = 5.8777988773702E+14
v=v_elettrone : = 3480538.3548875
x0= : 1.2198422943867E-14
y0= : -4.468190406886E-12
*****
i=35902
k(35902)=0.99997590030175
kQ(35902)=0.9999518011843
r1= : 4.4677193211026E-12
rpunto1:= -2081316.9596106
rduepunti0 : = -1.0937750464344E+25
fil : = 488.52053424078
fipunto1 : = 6.2491940745041E+17
fi_gradi : = 27990.164817473
t1 : = 1.0809653602632E-14
tpunto1 : = 1.0004098055637
tduepunti0 : = 5.8820681015884E+14
v=v_elettrone : = 3481426.6451174
x0= : 1.2525140472885E-14
y0= : -4.4679457087585E-12
*****
i=35903
k(35903)=0.99997587058282
kQ(35903)=0.99995174174787
r1= : 4.4674752269692E-12
rpunto1:= -2082599.8535639
rduepunti0 : = -1.0938849307074E+25
fil : = 488.52060753052
fipunto1 : = 6.2498769247472E+17
fi_gradi : = 27990.169016665
t1 : = 1.0809653719958E-14
tpunto1 : = 1.0004098745979
tduepunti0 : = 5.8863389844949E+14
v=v_elettrone : = 3482315.3537546
x0= : 1.2851857497993E-14
y0= : -4.4677008362146E-12
*****
i=35904
k(35904)=0.99997584084258
kQ(35904)=0.99995168226883
r1= : 4.4672309823796E-12
rpunto1:= -2083882.8764868
rduepunti0 : = -1.0939948992011E+25
fil : = 488.52068082825
fipunto1 : = 6.2505603078873E+17
fi_gradi : = 27990.173216317
t1 : = 1.0809653837285E-14
tpunto1 : = 1.0004099436823
tduepunti0 : = 5.8906115276751E+14
v=v_elettrone : = 3483204.4806141
x0= : 1.3178574006388E-14
y0= : -4.4674557892351E-12
```

```
*****
i=35905
k(35905)=0.99997581108103
kQ(35905)=0.99995162274717
r1= : 4.4669865873188E-12
rpunto1 : = -2085166.0284781
rduepunti0 : = -1.0941049519558E+25
fil : = 488.52075413401
fipunto1 : = 6.2512442241981E+17
fi_gradi : = 27990.177416427
t1 : = 1.0809653954612E-14
tpunto1 : = 1.0004100128167
tduepunti0 : = 5.8948857327155E+14
v=v_elettrone : = 3484094.0255437
x0= : 1.3505289985252E-14
y0= : -4.4672105678012E-12
*****
i=35906
k(35906)=0.99997578129817
kQ(35906)=0.99995156318288
r1= : 4.4667420417716E-12
rpunto1 : = -2086449.3096368
rduepunti0 : = -1.0942150890122E+25
fil : = 488.52082744778
fipunto1 : = 6.2519286739539E+17
fi_gradi : = 27990.181616997
t1 : = 1.0809654071939E-14
tpunto1 : = 1.0004100820013
tduepunti0 : = 5.8991616012042E+14
v=v_elettrone : = 3484983.9883585
x0= : 1.3832005421744E-14
y0= : -4.4669651718938E-12
*****
i=35907
k(35907)=0.99997575149397
kQ(35907)=0.99995150357593
r1= : 4.4664973457229E-12
rpunto1 : = -2087732.7200616
rduepunti0 : = -1.0943253104108E+25
fil : = 488.52090076959
fipunto1 : = 6.2526136574292E+17
fi_gradi : = 27990.185818027
t1 : = 1.0809654189265E-14
tpunto1 : = 1.0004101512361
tduepunti0 : = 5.9034391347304E+14
v=v_elettrone : = 3485874.368907
x0= : 1.4158720303006E-14
y0= : -4.4667196014938E-12
*****
i=35908
k(35908)=0.99997572166844
kQ(35908)=0.99995144392632
r1= : 4.4662524991574E-12
rpunto1 : = -2089016.2598516
rduepunti0 : = -1.0944356161923E+25
fil : = 488.52097409942
fipunto1 : = 6.2532991748987E+17
fi_gradi : = 27990.190019517
t1 : = 1.0809654306592E-14
tpunto1 : = 1.000410220521
tduepunti0 : = 5.907718334885E+14
v=v_elettrone : = 3486765.1670209
x0= : 1.4485434616164E-14
y0= : -4.4664738565823E-12
```

```
*****
i=35909
k(35909)=0.99997569182157
kQ(35909)=0.99995138423402
r1= : 4.4660075020601E-12
rpunto1: = -2090299.9291058
rduepunti0 : = -1.0945460063973E+25
fil : = 488.5210474373
fipunto1 : = 6.2539852266375E+17
fi_gradi : = 27990.194221468
t1 : = 1.0809654423919E-14
tpunto1 : = 1.0004102898562
tduepunti0 : = 5.9119992032599E+14
v=v_elettrone : = 3487656.3825158
x0= : 1.4812148348322E-14
y0= : -4.4662279371402E-12
*****
i=35910
k(35910)=0.99997566195334
kQ(35910)=0.99995132449903
r1= : 4.4657623544158E-12
rpunto1: = -2091583.7279233
rduepunti0 : = -1.0946564810665E+25
fil : = 488.52112078322
fipunto1 : = 6.2546718129209E+17
fi_gradi : = 27990.198423879
t1 : = 1.0809654541246E-14
tpunto1 : = 1.0004103592415
tduepunti0 : = 5.9162817414485E+14
v=v_elettrone : = 3488548.0152529
x0= : 1.5138861486566E-14
y0= : -4.4659818431483E-12
*****
i=35911
k(35911)=0.99997563206376
kQ(35911)=0.99995126472132
r1= : 4.4655170562092E-12
rpunto1: = -2092867.6564031
rduepunti0 : = -1.0947670402406E+25
fil : = 488.52119413719
fipunto1 : = 6.2553589340244E+17
fi_gradi : = 27990.202626752
t1 : = 1.0809654658573E-14
tpunto1 : = 1.0004104286772
tduepunti0 : = 5.9205659510457E+14
v=v_elettrone : = 3489440.0667759
x0= : 1.5465574017965E-14
y0= : -4.4657355745876E-12
*****
i=35912
k(35912)=0.99997560215281
kQ(35912)=0.99995120490087
r1= : 4.4652716074251E-12
rpunto1: = -2094151.7146445
rduepunti0 : = -1.0948776839605E+25
fil : = 488.52126749923
fipunto1 : = 6.2560465902241E+17
fi_gradi : = 27990.206830087
t1 : = 1.08096547759E-14
tpunto1 : = 1.0004104981631
tduepunti0 : = 5.9248518336475E+14
v=v_elettrone : = 3490332.5351841
x0= : 1.5792285929822E-14
y0= : -4.465489131439E-12
```

```
*****
i=35913
k(35913)=0.99997557222049
kQ(35913)=0.99995114503769
r1= : 4.4650260080484E-12
rpunto1 : = -2095435.9027465
rduepunti0 : = -1.0949884122671E+25
fil : = 488.52134086932
fipunto1 : = 6.256734781796E+17
fi_gradi : = 27990.211033884
t1 : = 1.0809654893226E-14
tpunto1 : = 1.0004105676992
tduepunti0 : = 5.9291393908515E+14
v=v_elettrone : = 3491225.4220576
x0= : 1.6118997209166E-14
y0= : -4.4652425136834E-12
*****
i=35914
k(35914)=0.99997554226678
kQ(35914)=0.99995108513174
r1= : 4.4647802580637E-12
rpunto1 : = -2096720.2208085
rduepunti0 : = -1.095099225201E+25
fil : = 488.52141424749
fipunto1 : = 6.2574235090168E+17
fi_gradi : = 27990.215238143
t1 : = 1.0809655010553E-14
tpunto1 : = 1.0004106372857
tduepunti0 : = 5.9334286242565E+14
v=v_elettrone : = 3492118.7254848
x0= : 1.6445707843264E-14
y0= : -4.4649957213016E-12
*****
i=35915
k(35915)=0.99997551229168
kQ(35915)=0.99995102518301
r1= : 4.464534357456E-12
rpunto1 : = -2098004.6689298
rduepunti0 : = -1.0952101228034E+25
fil : = 488.52148763374
fipunto1 : = 6.258112772163E+17
fi_gradi : = 27990.219442866
t1 : = 1.080965512788E-14
tpunto1 : = 1.0004107069225
tduepunti0 : = 5.9377195354627E+14
v=v_elettrone : = 3493012.4453027
x0= : 1.6772417819108E-14
y0= : -4.4647487542746E-12
*****
i=35916
k(35916)=0.99997548229518
kQ(35916)=0.99995096519149
r1= : 4.4642883062098E-12
rpunto1 : = -2099289.2472096
rduepunti0 : = -1.0953211051151E+25
fil : = 488.52156102807
fipunto1 : = 6.2588025715118E+17
fi_gradi : = 27990.223648051
t1 : = 1.0809655245207E-14
tpunto1 : = 1.0004107766096
tduepunti0 : = 5.9420121260718E+14
v=v_elettrone : = 3493906.5830821
x0= : 1.7099127123674E-14
y0= : -4.464501612583E-12
```

```
*****
i=35917
k(35917)=0.99997545227728
kQ(35917)=0.99995090515716
r1= : 4.4640421043099E-12
rpunto1 : = -2100573.9557475
rduepunti0 : = -1.0954321721771E+25
fil : = 488.52163443048
fipunto1 : = 6.2594929073406E+17
fi_gradi : = 27990.2278537
t1 : = 1.0809655362534E-14
tpunto1 : = 1.0004108463471
tduepunti0 : = 5.9463063976866E+14
v=v_elettrone : = 3494801.1386504
x0= : 1.7425835744169E-14
y0= : -4.4642542962078E-12
*****
i=35918
k(35918)=0.99997542223797
kQ(35918)=0.99995084508
r1= : 4.4637957517412E-12
rpunto1 : = -2101858.7946428
rduepunti0 : = -1.0955433240305E+25
fil : = 488.521707841
fipunto1 : = 6.2601837799269E+17
fi_gradi : = 27990.232059812
t1 : = 1.0809655479861E-14
tpunto1 : = 1.000410916135
tduepunti0 : = 5.9506023519114E+14
v=v_elettrone : = 3495696.1101027
x0= : 1.7752543667785E-14
y0= : -4.4640068051298E-12
*****
i=35919
k(35919)=0.99997539217723
kQ(35919)=0.99995078496
r1= : 4.4635492484882E-12
rpunto1 : = -2103143.763995
rduepunti0 : = -1.0956545607163E+25
fil : = 488.52178125962
fipunto1 : = 6.2608751895486E+17
fi_gradi : = 27990.236266389
t1 : = 1.0809655597188E-14
tpunto1 : = 1.0004109859733
tduepunti0 : = 5.9548999903521E+14
v=v_elettrone : = 3496591.4990211
x0= : 1.807925088144E-14
y0= : -4.4637591393298E-12
*****
i=35920
k(35920)=0.99997536209506
kQ(35920)=0.99995072479715
r1= : 4.4633025945356E-12
rpunto1 : = -2104428.8639037
rduepunti0 : = -1.0957658822757E+25
fil : = 488.52185468634
fipunto1 : = 6.2615671364841E+17
fi_gradi : = 27990.240473431
t1 : = 1.0809655714514E-14
tpunto1 : = 1.000411055862
tduepunti0 : = 5.9591993146157E+14
v=v_elettrone : = 3497487.305225
x0= : 1.8405957372286E-14
y0= : -4.4635112987885E-12
```



```
*****
i=35921
k(35921)=0.99997533199145
kQ(35921)=0.99995066459142
r1= : 4.4630557898683E-12
rpunto1 : = -2105714.0944685
rduepunti0 : = -1.0958772887498E+25
fil : = 488.52192812118
fipunto1 : = 6.2622596210116E+17
fi_gradi : = 27990.244680937
t1 : = 1.0809655831841E-14
tpunto1 : = 1.0004111258012
tduepunti0 : = 5.9635003263105E+14
v=v_elettrone : = 3498383.5268285
x0= : 1.8732663127457E-14
y0= : -4.4632632834867E-12
*****
i=35922
k(35922)=0.9999753018664
kQ(35922)=0.9999506043428
r1= : 4.4628088344707E-12
rpunto1 : = -2106999.455789
rduepunti0 : = -1.0959887801799E+25
fil : = 488.52200156415
fipunto1 : = 6.2629526434102E+17
fi_gradi : = 27990.248888909
t1 : = 1.0809655949168E-14
tpunto1 : = 1.0004111957908
tduepunti0 : = 5.9678030270465E+14
v=v_elettrone : = 3499280.1671092
x0= : 1.9059368133814E-14
y0= : -4.4630150934052E-12
*****
i=35923
k(35923)=0.9999752717199
kQ(35923)=0.99995054405128
r1= : 4.4625617283277E-12
rpunto1 : = -2108284.9479648
rduepunti0 : = -1.0961003566071E+25
fil : = 488.52207501524
fipunto1 : = 6.2636462039587E+17
fi_gradi : = 27990.253097346
t1 : = 1.0809656066495E-14
tpunto1 : = 1.0004112658309
tduepunti0 : = 5.9721074184349E+14
v=v_elettrone : = 3500177.224185
x0= : 1.9386072378709E-14
y0= : -4.4627667285248E-12
*****
i=35924
k(35924)=0.99997524155193
kQ(35924)=0.99995048371684
r1= : 4.4623144714238E-12
rpunto1 : = -2109570.5710957
rduepunti0 : = -1.0962120180728E+25
fil : = 488.52214847446
fipunto1 : = 6.2643403029367E+17
fi_gradi : = 27990.25730625
t1 : = 1.0809656183822E-14
tpunto1 : = 1.0004113359215
tduepunti0 : = 5.9764135020882E+14
v=v_elettrone : = 3501074.6961508
x0= : 1.9712775849216E-14
y0= : -4.4625181888261E-12
```

```
*****
i=35925
k(35925)=0.99997521136249
kQ(35925)=0.99995042333946
r1= : 4.4620670637438E-12
rpunto1 : = -2110856.3252816
rduepunti0 : = -1.0963237646183E+25
fil : = 488.52222194183
fipunto1 : = 6.2650349406237E+17
fi_gradi : = 27990.26151562
t1 : = 1.0809656301149E-14
tpunto1 : = 1.0004114060626
tduepunti0 : = 5.9807212796204E+14
v=v_elettrone : = 3501972.586311
x0= : 2.0039478532143E-14
y0= : -4.4622694742898E-12
*****
i=35926
k(35926)=0.99997518115158
kQ(35926)=0.99995036291913
r1= : 4.4618195052721E-12
rpunto1 : = -2112142.2106221
rduepunti0 : = -1.096435596285E+25
fil : = 488.52229541734
fipunto1 : = 6.2657301172996E+17
fi_gradi : = 27990.265725457
t1 : = 1.0809656418476E-14
tpunto1 : = 1.0004114762543
tduepunti0 : = 5.9850307526469E+14
v=v_elettrone : = 3502870.8927603
x0= : 2.036618041478E-14
y0= : -4.4620205848967E-12
*****
i=35927
k(35927)=0.99997515091918
kQ(35927)=0.99995030245583
r1= : 4.4615717959935E-12
rpunto1 : = -2113428.2272173
rduepunti0 : = -1.0965475131142E+25
fil : = 488.522368901
fipunto1 : = 6.2664258332448E+17
fi_gradi : = 27990.26993576
t1 : = 1.0809656535803E-14
tpunto1 : = 1.0004115464965
tduepunti0 : = 5.9893419227844E+14
v=v_elettrone : = 3503769.6153358
x0= : 2.0692881484149E-14
y0= : -4.4617715206275E-12
*****
i=35928
k(35928)=0.99997512066528
kQ(35928)=0.99995024194955
r1= : 4.4613239358926E-12
rpunto1 : = -2114714.3751669
rduepunti0 : = -1.0966595151475E+25
fil : = 488.52244239282
fipunto1 : = 6.2671220887398E+17
fi_gradi : = 27990.274146532
t1 : = 1.080965665313E-14
tpunto1 : = 1.0004116167893
tduepunti0 : = 5.993654791651E+14
v=v_elettrone : = 3504668.7538751
x0= : 2.1019581727252E-14
y0= : -4.4615222814628E-12
```

```
*****
i=35929
k(35929)=0.99997509038989
kQ(35929)=0.99995018140027
r1= : 4.4610759249539E-12
rpunto1 : = -2116000.6545711
rduepunti0 : = -1.0967716024263E+25
fil : = 488.52251589281
fipunto1 : = 6.2678188840653E+17
fi_gradi : = 27990.278357771
t1 : = 1.0809656770457E-14
tpunto1 : = 1.0004116871327
tduepunti0 : = 5.9979693608663E+14
v=v_elettrone : = 3505568.3099296
x0= : 2.1346281131069E-14
y0= : -4.4612728673833E-12
*****
i=35930
k(35930)=0.99997506009298
kQ(35930)=0.99995012080797
r1= : 4.4608277631621E-12
rpunto1 : = -2117287.0655298
rduepunti0 : = -1.0968837749921E+25
fil : = 488.52258940097
fipunto1 : = 6.2685162195025E+17
fi_gradi : = 27990.282569478
t1 : = 1.0809656887784E-14
tpunto1 : = 1.0004117575267
tduepunti0 : = 6.0022856320511E+14
v=v_elettrone : = 3506468.2816217
x0= : 2.1672979682819E-14
y0= : -4.4610232783696E-12
*****
i=35931
k(35931)=0.99997502977456
kQ(35931)=0.99995006017263
r1= : 4.4605794505016E-12
rpunto1 : = -2118573.608143
rduepunti0 : = -1.0969960328866E+25
fil : = 488.52266291731
fipunto1 : = 6.2692140953329E+17
fi_gradi : = 27990.286781654
t1 : = 1.0809657005111E-14
tpunto1 : = 1.0004118279714
tduepunti0 : = 6.0066036068278E+14
v=v_elettrone : = 3507368.6687727
x0= : 2.1999677369446E-14
y0= : -4.4607735144023E-12
*****
i=35932
k(35932)=0.99997499943461
kQ(35932)=0.99994999949425
r1= : 4.4603309869571E-12
rpunto1 : = -2119860.282511
rduepunti0 : = -1.0971083761514E+25
fil : = 488.52273644184
fipunto1 : = 6.269912511838E+17
fi_gradi : = 27990.290994299
t1 : = 1.0809657122438E-14
tpunto1 : = 1.0004118984667
tduepunti0 : = 6.0109232868201E+14
v=v_elettrone : = 3508269.4729497
x0= : 2.2326374177875E-14
y0= : -4.4605235754621E-12
```

```
*****
i=35933
k(35933)=0.99997496907313
kQ(35933)=0.99994993877281
r1= : 4.4600823725131E-12
rpunto1 : = -2121147.0887339
rduepunti0 : = -1.097220804828E+25
fil : = 488.52280997455
fipunto1 : = 6.2706114692999E+17
fi_gradi : = 27990.295207413
t1 : = 1.0809657239765E-14
tpunto1 : = 1.0004119690127
tduepunti0 : = 6.015244673653E+14
v=v_elettrone : = 3509170.6939806
x0= : 2.2653070095265E-14
y0= : -4.4602734615296E-12
*****
i=35934
k(35934)=0.99997493869011
kQ(35934)=0.99994987800828
r1= : 4.4598336071542E-12
rpunto1 : = -2122434.0269118
rduepunti0 : = -1.0973333189583E+25
fil : = 488.52288351546
fipunto1 : = 6.2713109680008E+17
fi_gradi : = 27990.299420997
t1 : = 1.0809657357092E-14
tpunto1 : = 1.0004120396094
tduepunti0 : = 6.0195677689531E+14
v=v_elettrone : = 3510072.3299866
x0= : 2.2979765108758E-14
y0= : -4.4600231725853E-12
*****
i=35935
k(35935)=0.99997490828553
kQ(35935)=0.99994981720066
r1= : 4.4595846908648E-12
rpunto1 : = -2123721.0971452
rduepunti0 : = -1.097445918584E+25
fil : = 488.52295706458
fipunto1 : = 6.2720110082234E+17
fi_gradi : = 27990.303635051
t1 : = 1.0809657474419E-14
tpunto1 : = 1.0004121102568
tduepunti0 : = 6.0238925743483E+14
v=v_elettrone : = 3510974.3825211
x0= : 2.3306459205221E-14
y0= : -4.4597727086099E-12
*****
i=35936
k(35936)=0.9999748778594
kQ(35936)=0.99994975634992
r1= : 4.4593356236296E-12
rpunto1 : = -2125008.2995342
rduepunti0 : = -1.0975586037469E+25
fil : = 488.5230306219
fipunto1 : = 6.2727115902506E+17
fi_gradi : = 27990.307849575
t1 : = 1.0809657591746E-14
tpunto1 : = 1.000412180955
tduepunti0 : = 6.0282190914678E+14
v=v_elettrone : = 3511876.8496856
x0= : 2.3633152371756E-14
y0= : -4.4595220695838E-12
```

```
*****
i=35937
k(35937)=0.9999748474117
kQ(35937)=0.99994969545606
r1= : 4.4590864054329E-12
rpunto1 : = -2126295.6341793
rduepunti0 : = -1.0976713744887E+25
fil : = 488.52310418745
fipunto1 : = 6.2734127143654E+17
fi_gradi : = 27990.312064571
t1 : = 1.0809657709073E-14
tpunto1 : = 1.0004122517039
tduepunti0 : = 6.0325473219424E+14
v=v_elettrone : = 3512779.7330538
x0= : 2.3959844595193E-14
y0= : -4.4592712554877E-12
*****
i=35938
k(35938)=0.99997481694243
kQ(35938)=0.99994963451905
r1= : 4.4588370362593E-12
rpunto1 : = -2127583.1011808
rduepunti0 : = -1.0977842308514E+25
fil : = 488.52317776121
fipunto1 : = 6.2741143808513E+17
fi_gradi : = 27990.316280037
t1 : = 1.08096578264E-14
tpunto1 : = 1.0004123225036
tduepunti0 : = 6.0368772674041E+14
v=v_elettrone : = 3513683.0341759
x0= : 2.4286535862596E-14
y0= : -4.459020266302E-12
*****
i=35939
k(35939)=0.99997478645158
kQ(35939)=0.99994957353888
r1= : 4.4585875160932E-12
rpunto1 : = -2128870.7006393
rduepunti0 : = -1.0978971728769E+25
fil : = 488.5232513432
fipunto1 : = 6.2748165899922E+17
fi_gradi : = 27990.320495974
t1 : = 1.0809657943727E-14
tpunto1 : = 1.0004123933541
tduepunti0 : = 6.0412089294865E+14
v=v_elettrone : = 3514586.7494371
x0= : 2.4613226161264E-14
y0= : -4.4587691020073E-12
*****
i=35940
k(35940)=0.99997475593914
kQ(35940)=0.99994951251553
r1= : 4.4583378449192E-12
rpunto1 : = -2130158.4326552
rduepunti0 : = -1.0980102006072E+25
fil : = 488.52332493343
fipunto1 : = 6.2755193420719E+17
fi_gradi : = 27990.324712384
t1 : = 1.0809658061054E-14
tpunto1 : = 1.0004124642555
tduepunti0 : = 6.0455423098245E+14
v=v_elettrone : = 3515490.8804055
x0= : 2.4939915477967E-14
y0= : -4.4585177625841E-12
```

```
*****
i=35941
k(35941)=0.99997472540509
kQ(35941)=0.99994945144899
r1= : 4.4580880227216E-12
rpunto1 : = -2131446.2973292
rduepunti0 : = -1.0981233140842E+25
fil : = 488.5233985319
fipunto1 : = 6.276222637375E+17
fi_gradi : = 27990.328929266
t1 : = 1.0809658178381E-14
tpunto1 : = 1.0004125352076
tduepunti0 : = 6.0498774100544E+14
v=v_elettrone : = 3516395.4269147
x0= : 2.5266603799713E-14
y0= : -4.4582662480129E-12
*****
i=35942
k(35942)=0.99997469484945
kQ(35942)=0.99994939033924
r1= : 4.4578380494849E-12
rpunto1 : = -2132734.2947617
rduepunti0 : = -1.09823651335E+25
fil : = 488.52347213862
fipunto1 : = 6.276926476186E+17
fi_gradi : = 27990.33314662
t1 : = 1.0809658295708E-14
tpunto1 : = 1.0004126062107
tduepunti0 : = 6.0542142318141E+14
v=v_elettrone : = 3517300.3887897
x0= : 2.5593291113489E-14
y0= : -4.4580145582741E-12
*****
i=35943
k(35943)=0.99997466427218
kQ(35943)=0.99994932918627
r1= : 4.4575879251936E-12
rpunto1 : = -2134022.4250535
rduepunti0 : = -1.0983497984466E+25
fil : = 488.5235457536
fipunto1 : = 6.2776308587899E+17
fi_gradi : = 27990.337364447
t1 : = 1.0809658413035E-14
tpunto1 : = 1.0004126772646
tduepunti0 : = 6.0585527767425E+14
v=v_elettrone : = 3518205.765877
x0= : 2.5919977406262E-14
y0= : -4.4577626933482E-12
*****
i=35944
k(35944)=0.9999746336733
kQ(35944)=0.99994926799005
r1= : 4.4573376498321E-12
rpunto1 : = -2135310.6883054
rduepunti0 : = -1.0984631694163E+25
fil : = 488.52361937683
fipunto1 : = 6.2783357854719E+17
fi_gradi : = 27990.341582748
t1 : = 1.0809658530362E-14
tpunto1 : = 1.0004127483694
tduepunti0 : = 6.0628930464804E+14
v=v_elettrone : = 3519111.5580021
x0= : 2.624666266498E-14
y0= : -4.4575106532156E-12
```

```
*****
i=35945
k(35945)=0.99997460305278
kQ(35945)=0.99994920675057
r1= : 4.4570872233847E-12
rpunto1 : = -2136599.0846179
rduepunti0 : = -1.0985766263011E+25
fil : = 488.52369300833
fipunto1 : = 6.2790412565175E+17
fi_gradi : = 27990.345801522
t1 : = 1.0809658647689E-14
tpunto1 : = 1.0004128195251
tduepunti0 : = 6.0672350426698E+14
v=v_elettrone : = 3520017.7667337
x0= : 2.6573346876573E-14
y0= : -4.4572584378569E-12
*****
i=35946
k(35946)=0.99997457241063
kQ(35946)=0.99994914546782
r1= : 4.4568366458359E-12
rpunto1 : = -2137887.6140921
rduepunti0 : = -1.0986901691433E+25
fil : = 488.52376664811
fipunto1 : = 6.2797472722126E+17
fi_gradi : = 27990.350020771
t1 : = 1.0809658765017E-14
tpunto1 : = 1.0004128907318
tduepunti0 : = 6.0715787669539E+14
v=v_elettrone : = 3520924.3901745
x0= : 2.6900030028204E-14
y0= : -4.4570060472523E-12
*****
i=35947
k(35947)=0.99997454174683
kQ(35947)=0.99994908414178
r1= : 4.45658591717E-12
rpunto1 : = -2139176.2768286
rduepunti0 : = -1.0988037979852E+25
fil : = 488.52384029616
fipunto1 : = 6.2804538328432E+17
fi_gradi : = 27990.354240493
t1 : = 1.0809658882344E-14
tpunto1 : = 1.0004129619895
tduepunti0 : = 6.0759242209778E+14
v=v_elettrone : = 3521831.4281713
x0= : 2.7226712106763E-14
y0= : -4.4567534813823E-12
*****
i=35948
k(35948)=0.99997451106137
kQ(35948)=0.99994902277243
r1= : 4.4563350373714E-12
rpunto1 : = -2140465.0729285
rduepunti0 : = -1.098917512869E+25
fil : = 488.52391395251
fipunto1 : = 6.2811609386958E+17
fi_gradi : = 27990.358460691
t1 : = 1.0809658999671E-14
tpunto1 : = 1.0004130332981
tduepunti0 : = 6.0802714063875E+14
v=v_elettrone : = 3522738.8822708
x0= : 2.7553393099121E-14
y0= : -4.4565007402273E-12
```

```
*****
i=35949
k(35949)=0.99997448035426
kQ(35949)=0.99994896135976
r1= : 4.4560840064246E-12
rpunto1 : = -2141754.0024927
rduepunti0 : = -1.099031313837E+25
fil : = 488.52398761714
fipunto1 : = 6.2818685900572E+17
fi_gradi : = 27990.362681363
t1 : = 1.0809659116998E-14
tpunto1 : = 1.0004131046577
tduepunti0 : = 6.0846203248309E+14
v=v_elettrone : = 3523646.7505986
x0= : 2.7880072992383E-14
y0= : -4.4562478237677E-12
*****
i=35950
k(35950)=0.99997444962547
kQ(35950)=0.99994889990375
r1= : 4.4558328243137E-12
rpunto1 : = -2143043.0656221
rduepunti0 : = -1.0991452009318E+25
fil : = 488.52406129007
fipunto1 : = 6.2825767872143E+17
fi_gradi : = 27990.366902512
t1 : = 1.0809659234325E-14
tpunto1 : = 1.0004131760684
tduepunti0 : = 6.0889709779571E+14
v=v_elettrone : = 3524555.0346922
x0= : 2.8206751773381E-14
y0= : -4.4559947319838E-12
*****
i=35951
k(35951)=0.999974418875
kQ(35951)=0.99994883840439
r1= : 4.4555814910232E-12
rpunto1 : = -2144332.262418
rduepunti0 : = -1.0992591741956E+25
fil : = 488.52413497131
fipunto1 : = 6.2832855304544E+17
fi_gradi : = 27990.371124136
t1 : = 1.0809659351652E-14
tpunto1 : = 1.0004132475301
tduepunti0 : = 6.0933233674165E+14
v=v_elettrone : = 3525463.73441
x0= : 2.8533429429182E-14
y0= : -4.4557414648559E-12
*****
i=35952
k(35952)=0.99997438810284
kQ(35952)=0.99994877686165
r1= : 4.4553300065374E-12
rpunto1 : = -2145621.5929813
rduepunti0 : = -1.0993732336709E+25
fil : = 488.52420866087
fipunto1 : = 6.2839948200652E+17
fi_gradi : = 27990.375346236
t1 : = 1.0809659468979E-14
tpunto1 : = 1.0004133190429
tduepunti0 : = 6.0976774948613E+14
v=v_elettrone : = 3526372.8478503
x0= : 2.8860105946831E-14
y0= : -4.4554880223645E-12
```



```
*****
i=35953
k(35953)=0.99997435730899
kQ(35953)=0.99994871527552
r1= : 4.4550783708406E-12
rpunto1 : = -2146911.0574132
rduepunti0 : = -1.0994873794003E+25
fil : = 488.52428235874
fipunto1 : = 6.2847046563345E+17
fi_gradi : = 27990.379568813
t1 : = 1.0809659586307E-14
tpunto1 : = 1.0004133906067
tduepunti0 : = 6.1020333619446E+14
v=v_elettrone : = 3527282.3765747
x0= : 2.9186781313103E-14
y0= : -4.4552344044898E-12
*****
i=35954
k(35954)=0.99997432649343
kQ(35954)=0.99994865364599
r1= : 4.4548265839171E-12
rpunto1 : = -2148200.6558149
rduepunti0 : = -1.0996016114264E+25
fil : = 488.52435606493
fipunto1 : = 6.2854150395507E+17
fi_gradi : = 27990.383791867
t1 : = 1.0809659703634E-14
tpunto1 : = 1.0004134622217
tduepunti0 : = 6.1063909703215E+14
v=v_elettrone : = 3528192.3187079
x0= : 2.9513455515006E-14
y0= : -4.4549806112121E-12
*****
i=35955
k(35955)=0.99997429565616
kQ(35955)=0.99994859197303
r1= : 4.4545746457512E-12
rpunto1 : = -2149490.3882877
rduepunti0 : = -1.0997159297916E+25
fil : = 488.52442977946
fipunto1 : = 6.2861259700021E+17
fi_gradi : = 27990.388015398
t1 : = 1.0809659820961E-14
tpunto1 : = 1.0004135338877
tduepunti0 : = 6.1107503216482E+14
v=v_elettrone : = 3529102.677519
x0= : 2.9840128539273E-14
y0= : -4.4547266425117E-12
*****
i=35956
k(35956)=0.99997426479717
kQ(35956)=0.99994853025664
r1= : 4.4543225563271E-12
rpunto1 : = -2150780.2549329
rduepunti0 : = -1.0998303345387E+25
fil : = 488.52450350232
fipunto1 : = 6.2868374479776E+17
fi_gradi : = 27990.392239407
t1 : = 1.0809659938288E-14
tpunto1 : = 1.000413605605
tduepunti0 : = 6.1151114175825E+14
v=v_elettrone : = 3530013.4494039
x0= : 3.0166800373127E-14
y0= : -4.4544724983689E-12
```

```
*****
i=35957
k(35957)=0.99997423391645
kQ(35957)=0.9999484684968
r1= : 4.4540703156292E-12
rpunto1: = -2152070.2558519
rduepunti0 : = -1.0999448257104E+25
fil : = 488.52457723353
fipunto1 : = 6.2875494737664E+17
fi_gradi : = 27990.396463894
t1 : = 1.0809660055615E-14
tpunto1 : = 1.0004136773734
tduepunti0 : = 6.1194742597833E+14
v=v_elettrone : = 3530924.635914
x0= : 3.0493471003264E-14
y0= : -4.4542181787639E-12
*****
i=35958
k(35958)=0.999974203014
kQ(35958)=0.99994840669348
r1= : 4.4538179236416E-12
rpunto1: = -2153360.391146
rduepunti0 : = -1.1000594033493E+25
fil : = 488.52465097309
fipunto1 : = 6.2882620476577E+17
fi_gradi : = 27990.40068886
t1 : = 1.0809660172943E-14
tpunto1 : = 1.0004137491929
tduepunti0 : = 6.1238388499115E+14
v=v_elettrone : = 3531836.2386157
x0= : 3.0820140416613E-14
y0= : -4.453963683677E-12
*****
i=35959
k(35959)=0.9999741720898
kQ(35959)=0.99994834484668
r1= : 4.4535653803487E-12
rpunto1: = -2154650.6609168
rduepunti0 : = -1.1001740674982E+25
fil : = 488.524724721
fipunto1 : = 6.2889751699414E+17
fi_gradi : = 27990.404914304
t1 : = 1.080966029027E-14
tpunto1 : = 1.0004138210637
tduepunti0 : = 6.128205189629E+14
v=v_elettrone : = 3532748.2538999
x0= : 3.1146808600337E-14
y0= : -4.4537090130884E-12
*****
i=35960
k(35960)=0.99997414114385
kQ(35960)=0.99994828295637
r1= : 4.4533126857346E-12
rpunto1: = -2155941.0652656
rduepunti0 : = -1.1002888181999E+25
fil : = 488.52479847728
fipunto1 : = 6.2896888409074E+17
fi_gradi : = 27990.409140227
t1 : = 1.0809660407597E-14
tpunto1 : = 1.0004138929858
tduepunti0 : = 6.1325732805992E+14
v=v_elettrone : = 3533660.6850395
x0= : 3.1473475541073E-14
y0= : -4.4534541669784E-12
```

```
*****
i=35961
k(35961)=0.99997411017613
kQ(35961)=0.99994822102255
r1= : 4.4530598397835E-12
rpunto1 : = -2157231.6042942
rduepunti0 : = -1.1004036554974E+25
fil : = 488.52487224193
fipunto1 : = 6.2904030608461E+17
fi_gradi : = 27990.41336663
t1 : = 1.0809660524924E-14
tpunto1 : = 1.000413964959
tduepunti0 : = 6.1369431244872E+14
v=v_elettrone : = 3534573.5284449
x0= : 3.1800141225944E-14
y0= : -4.4531991453271E-12
*****
i=35962
k(35962)=0.99997407918665
kQ(35962)=0.99994815904518
r1= : 4.4528068424798E-12
rpunto1 : = -2158522.278104
rduepunti0 : = -1.1005185794335E+25
fil : = 488.52494601496
fipunto1 : = 6.2911178300481E+17
fi_gradi : = 27990.417593513
t1 : = 1.0809660642251E-14
tpunto1 : = 1.0004140369836
tduepunti0 : = 6.1413147229593E+14
v=v_elettrone : = 3535486.7890915
x0= : 3.2126805641549E-14
y0= : -4.4529439481148E-12
*****
i=35963
k(35963)=0.99997404817539
kQ(35963)=0.99994809702427
r1= : 4.4525536938075E-12
rpunto1 : = -2159813.0867968
rduepunti0 : = -1.1006335900511E+25
fil : = 488.52501979636
fipunto1 : = 6.2918331488042E+17
fi_gradi : = 27990.421820877
t1 : = 1.0809660759579E-14
tpunto1 : = 1.0004141090594
tduepunti0 : = 6.1456880776834E+14
v=v_elettrone : = 3536400.4616697
x0= : 3.2453468775224E-14
y0= : -4.4526885753215E-12
*****
i=35964
k(35964)=0.99997401714234
kQ(35964)=0.99994803495979
r1= : 4.4523003937508E-12
rpunto1 : = -2161104.0304742
rduepunti0 : = -1.1007486873932E+25
fil : = 488.52509358616
fipunto1 : = 6.2925490174058E+17
fi_gradi : = 27990.426048721
t1 : = 1.0809660876906E-14
tpunto1 : = 1.0004141811865
tduepunti0 : = 6.1500631903287E+14
v=v_elettrone : = 3537314.5494527
x0= : 3.2780130613529E-14
y0= : -4.4524330269276E-12
```

```
*****
i=35965
k(35965)=0.9999739860875
kQ(35965)=0.99994797285171
r1= : 4.4520469422939E-12
rpunto1: = -2162395.1092381
rduepunti0 : = -1.1008638715028E+25
fil : = 488.52516738435
fipunto1 : = 6.2932654361443E+17
fi_gradi : = 27990.430277046
t1 : = 1.0809660994233E-14
tpunto1 : = 1.000414253365
tduepunti0 : = 6.154440062566E+14
v=v_elettrone : = 3538229.050563
x0= : 3.3106791143508E-14
y0= : -4.452177302913E-12
*****
i=35966
k(35966)=0.99997395501085
kQ(35966)=0.99994791070004
r1= : 4.4517933394211E-12
rpunto1: = -2163686.3231902
rduepunti0 : = -1.1009791424231E+25
fil : = 488.52524119095
fipunto1 : = 6.2939824053116E+17
fi_gradi : = 27990.434505852
t1 : = 1.080966111156E-14
tpunto1 : = 1.0004143255948
tduepunti0 : = 6.1588186960675E+14
v=v_elettrone : = 3539143.9665512
x0= : 3.3433450351932E-14
y0= : -4.451921403258E-12
*****
i=35967
k(35967)=0.99997392391239
kQ(35967)=0.99994784850475
r1= : 4.4515395851163E-12
rpunto1: = -2164977.6724323
rduepunti0 : = -1.1010945001971E+25
fil : = 488.52531500595
fipunto1 : = 6.2946999251997E+17
fi_gradi : = 27990.43873514
t1 : = 1.0809661228888E-14
tpunto1 : = 1.000414397876
tduepunti0 : = 6.1631990925068E+14
v=v_elettrone : = 3540059.2955368
x0= : 3.3760108225808E-14
y0= : -4.4516653279426E-12
*****
i=35968
k(35968)=0.99997389279212
kQ(35968)=0.99994778626582
r1= : 4.4512856793638E-12
rpunto1: = -2166269.1570665
rduepunti0 : = -1.101209944868E+25
fil : = 488.52538882937
fipunto1 : = 6.2954179961011E+17
fi_gradi : = 27990.44296491
t1 : = 1.0809661346215E-14
tpunto1 : = 1.0004144702086
tduepunti0 : = 6.1675812535591E+14
v=v_elettrone : = 3540975.0390696
x0= : 3.4086764751869E-14
y0= : -4.451409076947E-12
```

```
*****
i=35969
k(35969)=0.99997386165002
kQ(35969)=0.99994772398324
r1= : 4.4510316221476E-12
rpunto1 : = -2167560.7771947
rduepunti0 : = -1.101325476479E+25
fil : = 488.52546266121
fipunto1 : = 6.2961366183086E+17
fi_gradi : = 27990.447195163
t1 : = 1.0809661463542E-14
tpunto1 : = 1.0004145425926
tduepunti0 : = 6.1719651809009E+14
v=v_elettrone : = 3541891.1952874
x0= : 3.4413419917078E-14
y0= : -4.4511526502513E-12
*****
i=35970
k(35970)=0.99997383048608
kQ(35970)=0.999947661657
r1= : 4.450777413452E-12
rpunto1 : = -2168852.5329188
rduepunti0 : = -1.1014410950733E+25
fil : = 488.52553650148
fipunto1 : = 6.2968557921152E+17
fi_gradi : = 27990.451425899
t1 : = 1.080966158087E-14
tpunto1 : = 1.000414615028
tduepunti0 : = 6.1763508762103E+14
v=v_elettrone : = 3542807.7674269
x0= : 3.4740073708131E-14
y0= : -4.4508960478354E-12
*****
i=35971
k(35971)=0.99997379930029
kQ(35971)=0.99994759928706
r1= : 4.4505230532609E-12
rpunto1 : = -2170144.4243409
rduepunti0 : = -1.1015568006942E+25
fil : = 488.52561035018
fipunto1 : = 6.2975755178143E+17
fi_gradi : = 27990.455657118
t1 : = 1.0809661698197E-14
tpunto1 : = 1.0004146875149
tduepunti0 : = 6.1807383411668E+14
v=v_elettrone : = 3543724.7519259
x0= : 3.5066726112205E-14
y0= : -4.4506392696796E-12
*****
i=35972
k(35972)=0.99997376809266
kQ(35972)=0.99994753687343
r1= : 4.4502685415585E-12
rpunto1 : = -2171436.4515633
rduepunti0 : = -1.1016725933851E+25
fil : = 488.52568420732
fipunto1 : = 6.2982957956994E+17
fi_gradi : = 27990.45988882
t1 : = 1.0809661815524E-14
tpunto1 : = 1.0004147600533
tduepunti0 : = 6.1851275774514E+14
v=v_elettrone : = 3544642.1503286
x0= : 3.5393377115954E-14
y0= : -4.4503823157638E-12
```

```
*****
i=35973
k(35973)=0.99997373686316
kQ(35973)=0.99994747441607
r1= : 4.4500138783288E-12
rpunto1: = -2172728.6146879
rduepunti0 : = -1.1017884731893E+25
fil : = 488.52575807291
fipunto1 : = 6.2990166260645E+17
fi_gradi : = 27990.464121007
t1 : = 1.0809661932852E-14
tpunto1 : = 1.0004148326432
tduepunti0 : = 6.1895185867464E+14
v=v_elettrone : = 3545559.9624611
x0= : 3.5720026706265E-14
y0= : -4.450125186068E-12
*****
i=35974
k(35974)=0.99997370561179
kQ(35974)=0.99994741191498
r1= : 4.4497590635559E-12
rpunto1: = -2174020.9138171
rduepunti0 : = -1.1019044401503E+25
fil : = 488.52583194696
fipunto1 : = 6.2997380092039E+17
fi_gradi : = 27990.468353678
t1 : = 1.0809662050179E-14
tpunto1 : = 1.0004149052845
tduepunti0 : = 6.1939113707359E+14
v=v_elettrone : = 3546478.1864692
x0= : 3.6046674870004E-14
y0= : -4.4498678805723E-12
*****
i=35975
k(35975)=0.99997367433855
kQ(35975)=0.99994734937014
r1= : 4.4495040972238E-12
rpunto1: = -2175313.349053
rduepunti0 : = -1.1020204943115E+25
fil : = 488.52590582946
fipunto1 : = 6.3004599454122E+17
fi_gradi : = 27990.472586834
t1 : = 1.0809662167506E-14
tpunto1 : = 1.0004149779775
tduepunti0 : = 6.1983059311053E+14
v=v_elettrone : = 3547396.8255892
x0= : 3.6373321593764E-14
y0= : -4.4496103992568E-12
*****
i=35976
k(35976)=0.99997364304342
kQ(35976)=0.99994728678153
r1= : 4.4492489793167E-12
rpunto1: = -2176605.9204981
rduepunti0 : = -1.1021366357164E+25
fil : = 488.52597972043
fipunto1 : = 6.3011824349842E+17
fi_gradi : = 27990.476820474
t1 : = 1.0809662284834E-14
tpunto1 : = 1.0004150507219
tduepunti0 : = 6.2027022695413E+14
v=v_elettrone : = 3548315.8779704
x0= : 3.6699966864625E-14
y0= : -4.4493527421012E-12
```

```
*****
i=35977
k(35977)=0.9999736117264
kQ(35977)=0.99994722414914
r1= : 4.4489937098184E-12
rpunto1 : = -2177898.6282547
rduepunti0 : = -1.1022528644085E+25
fil : = 488.52605361988
fipunto1 : = 6.3019054782152E+17
fi_gradi : = 27990.481054601
t1 : = 1.0809662402161E-14
tpunto1 : = 1.000415123518
tduepunti0 : = 6.2071003877323E+14
v=v_elettrone : = 3549235.3451362
x0= : 3.7026610669393E-14
y0= : -4.4490949090857E-12
*****
i=35978
k(35978)=0.99997358038747
kQ(35978)=0.99994716147294
r1= : 4.4487382887131E-12
rpunto1 : = -2179191.4724252
rduepunti0 : = -1.1023691804315E+25
fil : = 488.5261275278
fipunto1 : = 6.3026290754005E+17
fi_gradi : = 27990.485289213
t1 : = 1.0809662519488E-14
tpunto1 : = 1.0004151963657
tduepunti0 : = 6.2115002873682E+14
v=v_elettrone : = 3550155.2235334
x0= : 3.7353252995109E-14
y0= : -4.4488369001903E-12
*****
i=35979
k(35979)=0.99997354902663
kQ(35979)=0.99994709875292
r1= : 4.4484827159847E-12
rpunto1 : = -2180484.4531121
rduepunti0 : = -1.1024855838291E+25
fil : = 488.52620144421
fipunto1 : = 6.303353226836E+17
fi_gradi : = 27990.489524311
t1 : = 1.0809662636816E-14
tpunto1 : = 1.000415269265
tduepunti0 : = 6.2159019701403E+14
v=v_elettrone : = 3551075.5163941
x0= : 3.7679893828286E-14
y0= : -4.4485787153947E-12
*****
i=35980
k(35980)=0.99997351764388
kQ(35980)=0.99994703598907
r1= : 4.4482269916172E-12
rpunto1 : = -2181777.5704179
rduepunti0 : = -1.1026020746447E+25
fil : = 488.52627536911
fipunto1 : = 6.3040779328177E+17
fi_gradi : = 27990.493759896
t1 : = 1.0809662754143E-14
tpunto1 : = 1.0004153422159
tduepunti0 : = 6.2203054377413E+14
v=v_elettrone : = 3551996.221871
x0= : 3.8006533155923E-14
y0= : -4.448320354679E-12
```

```
*****
i=35981
k(35981)=0.99997348623919
kQ(35981)=0.99994697318136
r1= : 4.4479711155946E-12
rpunto1 : = -2183070.8244452
rduepunti0 : = -1.1027186529223E+25
fil : = 488.52634930252
fipunto1 : = 6.3048031936421E+17
fi_gradi : = 27990.497995968
t1 : = 1.0809662871471E-14
tpunto1 : = 1.0004154152185
tduepunti0 : = 6.2247106918655E+14
v=v_elettrone : = 3552917.3397829
x0= : 3.8333170964748E-14
y0= : -4.4480618180231E-12
*****
i=35982
k(35982)=0.99997345481257
kQ(35982)=0.99994691032979
r1= : 4.4477150879008E-12
rpunto1 : = -2184364.2152966
rduepunti0 : = -1.1028353187056E+25
fil : = 488.52642324442
fipunto1 : = 6.305529009606E+17
fi_gradi : = 27990.502232527
t1 : = 1.0809662988798E-14
tpunto1 : = 1.0004154882728
tduepunti0 : = 6.2291177342086E+14
v=v_elettrone : = 3553838.8716855
x0= : 3.8659807241466E-14
y0= : -4.447803105407E-12
*****
i=35983
k(35983)=0.99997342336401
kQ(35983)=0.99994684743433
r1= : 4.4474589085199E-12
rpunto1 : = -2185657.7430747
rduepunti0 : = -1.1029520720384E+25
fil : = 488.52649719484
fipunto1 : = 6.3062553810062E+17
fi_gradi : = 27990.506469574
t1 : = 1.0809663106125E-14
tpunto1 : = 1.0004155613787
tduepunti0 : = 6.233526566468E+14
v=v_elettrone : = 3554760.8174137
x0= : 3.8986441973017E-14
y0= : -4.4475442168103E-12
*****
i=35984
k(35984)=0.99997339189349
kQ(35984)=0.99994678449496
r1= : 4.4472025774357E-12
rpunto1 : = -2186951.4078824
rduepunti0 : = -1.1030689129645E+25
fil : = 488.52657115378
fipunto1 : = 6.3069823081402E+17
fi_gradi : = 27990.510707109
t1 : = 1.0809663223453E-14
tpunto1 : = 1.0004156345365
tduepunti0 : = 6.2379371903423E+14
v=v_elettrone : = 3555683.175101
x0= : 3.9313075146321E-14
y0= : -4.4472851522132E-12
```



```
*****
i=35985
k(35985)=0.99997336040101
kQ(35985)=0.99994672151168
r1= : 4.4469460946322E-12
rpunto1: = -2188245.2098224
rduepunti0 : = -1.1031858415278E+25
fil : = 488.52664512125
fipunto1 : = 6.3077097913055E+17
fi_gradi : = 27990.514945133
t1 : = 1.080966334078E-14
tpunto1 : = 1.0004157077459
tduepunti0 : = 6.2423496075318E+14
v=v_elettrone : = 3556605.9462937
x0= : 3.9639706748023E-14
y0= : -4.4470259115953E-12
*****
i=35986
k(35986)=0.99997332888656
kQ(35986)=0.99994665848446
r1= : 4.4466894600933E-12
rpunto1: = -2189539.1489974
rduepunti0 : = -1.1033028577724E+25
fil : = 488.52671909724
fipunto1 : = 6.3084378308002E+17
fi_gradi : = 27990.519183645
t1 : = 1.0809663458108E-14
tpunto1 : = 1.0004157810071
tduepunti0 : = 6.2467638197382E+14
v=v_elettrone : = 3557529.1291223
x0= : 3.9966336765002E-14
y0= : -4.4467664949366E-12
*****
i=35987
k(35987)=0.99997329735013
kQ(35987)=0.99994659541329
r1= : 4.4464326738029E-12
rpunto1: = -2190833.2255105
rduepunti0 : = -1.1034199617421E+25
fil : = 488.52679308178
fipunto1 : = 6.3091664269225E+17
fi_gradi : = 27990.523422647
t1 : = 1.0809663575435E-14
tpunto1 : = 1.0004158543202
tduepunti0 : = 6.2511798286646E+14
v=v_elettrone : = 3558452.7268319
x0= : 4.0292965183865E-14
y0= : -4.4465069022168E-12
*****
i=35988
k(35988)=0.99997326579171
kQ(35988)=0.99994653229815
r1= : 4.4461757357449E-12
rpunto1: = -2192127.4394646
rduepunti0 : = -1.1035371534811E+25
fil : = 488.52686707486
fipunto1 : = 6.3098955799709E+17
fi_gradi : = 27990.527662138
t1 : = 1.0809663692763E-14
tpunto1 : = 1.000415927685
tduepunti0 : = 6.255976360159E+14
v=v_elettrone : = 3559376.7358665
x0= : 4.0619591991703E-14
y0= : -4.4462471334159E-12
```

```
*****
i=35989
k(35989)=0.9999732342113
kQ(35989)=0.99994646913902
r1= : 4.4459186459032E-12
rpunto1 : = -2193421.7909625
rduepunti0 : = -1.1036544330333E+25
fil : = 488.52694107649
fipunto1 : = 6.3106252902443E+17
fi_gradi : = 27990.531902119
t1 : = 1.080966381009E-14
tpunto1 : = 1.0004160011017
tduepunti0 : = 6.2600172434982E+14
v=v_elettrone : = 3560301.1577537
x0= : 4.0946217175081E-14
y0= : -4.4459871885135E-12
*****
i=35990
k(35990)=0.99997320260889
kQ(35990)=0.99994640593588
r1= : 4.4456614042617E-12
rpunto1 : = -2194716.2801075
rduepunti0 : = -1.103771800443E+25
fil : = 488.52701508668
fipunto1 : = 6.3113555580419E+17
fi_gradi : = 27990.536142591
t1 : = 1.0809663927418E-14
tpunto1 : = 1.0004160745702
tduepunti0 : = 6.2644386528193E+14
v=v_elettrone : = 3561225.9923421
x0= : 4.1272840720798E-14
y0= : -4.4457270674895E-12
*****
i=35991
k(35991)=0.99997317098446
kQ(35991)=0.99994634268873
r1= : 4.4454040108041E-12
rpunto1 : = -2196010.9070024
rduepunti0 : = -1.1038892557542E+25
fil : = 488.52708910543
fipunto1 : = 6.3120863836632E+17
fi_gradi : = 27990.540383553
t1 : = 1.0809664044745E-14
tpunto1 : = 1.0004161480906
tduepunti0 : = 6.2688618656883E+14
v=v_elettrone : = 3562151.2394677
x0= : 4.1599462615631E-14
y0= : -4.4454667703237E-12
*****
i=35992
k(35992)=0.99997313933802
kQ(35992)=0.99994627939753
r1= : 4.4451464655144E-12
rpunto1 : = -2197305.6717506
rduepunti0 : = -1.1040067990113E+25
fil : = 488.52716313276
fipunto1 : = 6.3128177674081E+17
fi_gradi : = 27990.544625006
t1 : = 1.0809664162073E-14
tpunto1 : = 1.0004162216629
tduepunti0 : = 6.273286883816E+14
v=v_elettrone : = 3563076.8989666
x0= : 4.1926082846338E-14
y0= : -4.4452062969957E-12
```

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*****
i=35993
k(35993)=0.99997310766954
kQ(35993)=0.99994621606228
r1= : 4.4448887683763E-12
rpunto1 : = -2198600.5744552
rduepunti0 : = -1.1041244302584E+25
fil : = 488.52723716866
fipunto1 : = 6.3135497095766E+17
fi_gradi : = 27990.548866951
t1 : = 1.08096642794E-14
tpunto1 : = 1.0004162952871
tduepunti0 : = 6.2777137089146E+14
v=v_elettrone : = 3564002.9706881
x0= : 4.2252701399657E-14
y0= : -4.4449456474854E-12
*****
i=35994
k(35994)=0.99997307597903
kQ(35994)=0.99994615268296
r1= : 4.4446309193738E-12
rpunto1 : = -2199895.6152194
rduepunti0 : = -1.1042421495398E+25
fil : = 488.52731121314
fipunto1 : = 6.3142822104691E+17
fi_gradi : = 27990.553109387
t1 : = 1.0809664396728E-14
tpunto1 : = 1.0004163689632
tduepunti0 : = 6.2821423426979E+14
v=v_elettrone : = 3564929.4561558
x0= : 4.2579318262305E-14
y0= : -4.4446848217725E-12
*****
i=35995
k(35995)=0.99997304426647
kQ(35995)=0.99994608925955
r1= : 4.4443729184906E-12
rpunto1 : = -2201190.7941465
rduepunti0 : = -1.1043599569E+25
fil : = 488.52738526622
fipunto1 : = 6.3150152703864E+17
fi_gradi : = 27990.557352316
t1 : = 1.0809664514055E-14
tpunto1 : = 1.0004164426913
tduepunti0 : = 6.286572786881E+14
v=v_elettrone : = 3565856.3518313
x0= : 4.2905933421231E-14
y0= : -4.4444238198366E-12
*****
i=35996
k(35996)=0.99997301253186
kQ(35996)=0.99994602579204
r1= : 4.4441147657105E-12
rpunto1 : = -2202486.1113399
rduepunti0 : = -1.1044778523832E+25
fil : = 488.52745932789
fipunto1 : = 6.3157488896297E+17
fi_gradi : = 27990.561595737
t1 : = 1.0809664631383E-14
tpunto1 : = 1.0004165164714
tduepunti0 : = 6.2910050431808E+14
v=v_elettrone : = 3566783.6626327
x0= : 4.3232546862858E-14
y0= : -4.4441626416575E-12
```

```
*****
i=35997
k(35997)=0.99997298077518
kQ(35997)=0.9999459622804
r1= : 4.4438564610173E-12
rpunto1: = -2203781.566903
rduepunti0 : = -1.104595836034E+25
fil : = 488.52753339817
fipunto1 : = 6.3164830685001E+17
fi_gradi : = 27990.565839652
t1 : = 1.080966474871E-14
tpunto1 : = 1.0004165903035
tduepunti0 : = 6.2954391133156E+14
v=v_elettrone : = 3567711.3833116
x0= : 4.3559158574349E-14
y0= : -4.4439012872149E-12
*****
i=35998
k(35998)=0.99997294899643
kQ(35998)=0.99994589872462
r1= : 4.4435980043947E-12
rpunto1: = -2205077.1609392
rduepunti0 : = -1.1047139078968E+25
fil : = 488.52760747706
fipunto1 : = 6.3172178072994E+17
fi_gradi : = 27990.570084059
t1 : = 1.0809664866038E-14
tpunto1 : = 1.0004166641876
tduepunti0 : = 6.2998749990051E+14
v=v_elettrone : = 3568639.5171063
x0= : 4.3885768542086E-14
y0= : -4.4436397564884E-12
*****
i=35999
k(35999)=0.9999729171956
kQ(35999)=0.99994583512468
r1= : 4.4433393958266E-12
rpunto1: = -2206372.8935521
rduepunti0 : = -1.1048320680161E+25
fil : = 488.52768156456
fipunto1 : = 6.3179531063297E+17
fi_gradi : = 27990.574328961
t1 : = 1.0809664983365E-14
tpunto1 : = 1.0004167381238
tduepunti0 : = 6.3043127019707E+14
v=v_elettrone : = 3569568.0621639
x0= : 4.4212376752936E-14
y0= : -4.4433780494577E-12
*****
i=36000
k(36000)=0.99997288537269
kQ(36000)=0.99994577148057
r1= : 4.4430806352966E-12
rpunto1: = -2207668.7648452
rduepunti0 : = -1.1049503164365E+25
fil : = 488.52775566069
fipunto1 : = 6.3186889658931E+17
fi_gradi : = 27990.578574356
t1 : = 1.0809665100693E-14
tpunto1 : = 1.000416812112
tduepunti0 : = 6.3087522239351E+14
v=v_elettrone : = 3570497.0200057
x0= : 4.4538983193496E-14
y0= : -4.4431161661024E-12
```