

```
*****
i=59001
k(59001)=0.99936712340694
kQ(59001)=0.99873464734667
r1= : 1.692983886792E-12
rpunto1 : = -10664139.793399
rduepunti0 : = -5.9844900849183E+25
fil : = 501.79012149599
fipunto1 : = 4.0978204727662E+18
fi_gradi : = 28750.456163077
t1 : = 1.081236715268E-14
tpunto1 : = 1.0022826654184
tduepunti0 : = 2.1028972895311E+16
v=v_elettrone : = 12712099.285833
x0= : 1.0987120320926E-12
y0= : -1.2896743141013E-12
*****
i=59002
k(59002)=0.99936628888009
kQ(59002)=0.99873297934996
r1= : 1.6917332104115E-12
rpunto1 : = -10671166.250382
rduepunti0 : = -5.9912476710812E+25
fil : = 501.79060208302
fipunto1 : = 4.1038749276452E+18
fi_gradi : = 28750.483698685
t1 : = 1.0812367270227E-14
tpunto1 : = 1.0022851369483
tduepunti0 : = 2.1073989694341E+16
v=v_elettrone : = 12720764.071116
x0= : 1.0985198058169E-12
y0= : -1.2881959001507E-12
*****
i=59003
k(59003)=0.99936545285858
kQ(59003)=0.99873130836723
r1= : 1.6904817099773E-12
rpunto1 : = -10678200.650007
rduepunti0 : = -5.9980201219075E+25
fil : = 501.79108338011
fipunto1 : = 4.1099468085093E+18
fi_gradi : = 28750.511274977
t1 : = 1.0812367387773E-14
tpunto1 : = 1.002287613775
tduepunti0 : = 2.1119153160814E+16
v=v_elettrone : = 12729441.444368
x0= : 1.0983267904515E-12
y0= : -1.2867165641996E-12
*****
i=59004
k(59004)=0.99936461533847
kQ(59004)=0.99872963439062
r1= : 1.6892293845579E-12
rpunto1 : = -10685243.009757
rduepunti0 : = -6.0048074804113E+25
fil : = 501.7915653893
fipunto1 : = 4.1160361862649E+18
fi_gradi : = 28750.53889207
t1 : = 1.081236750532E-14
tpunto1 : = 1.0022900959157
tduepunti0 : = 2.1164463943725E+16
v=v_elettrone : = 12738131.440583
x0= : 1.0981329843832E-12
y0= : -1.2852363052674E-12
```

```
*****
i=59005
k(59005)=0.99936377631581
kQ(59005)=0.99872795741219
r1= : 1.6879762332198E-12
rpunto1 : = -10692293.347167
rduepunti0 : = -6.0116097897463E+25
fil : = 501.79204811264
fipunto1 : = 4.1221431321915E+18
fi_gradi : = 28750.56655008
t1 : = 1.0812367622867E-14
tpunto1 : = 1.0022925833877
tduepunti0 : = 2.1209922695675E+16
v=v_elettrone : = 12746834.093187
x0= : 1.0979383859935E-12
y0= : -1.2837551223719E-12
*****
i=59006
k(59006)=0.9993629357866
kQ(59006)=0.998726277424
r1= : 1.6867222550274E-12
rpunto1 : = -10699351.679821
rduepunti0 : = -6.0184270932062E+25
fil : = 501.7925315522
fipunto1 : = 4.1282677179438E+18
fi_gradi : = 28750.594249127
t1 : = 1.0812367740415E-14
tpunto1 : = 1.0022950762085
tduepunti0 : = 2.1255530072904E+16
v=v_elettrone : = 12755549.437648
x0= : 1.0977429936588E-12
y0= : -1.2822730145285E-12
*****
i=59007
k(59007)=0.99936209374686
kQ(59007)=0.9987245944181
r1= : 1.6854674490428E-12
rpunto1 : = -10706418.025355
rduepunti0 : = -6.025259434225E+25
fil : = 501.79301571005
fipunto1 : = 4.134410015554E+18
fi_gradi : = 28750.621989328
t1 : = 1.0812367857963E-14
tpunto1 : = 1.0022975743956
tduepunti0 : = 2.1301286735309E+16
v=v_elettrone : = 12764277.508762
x0= : 1.0975468057504E-12
y0= : -1.2807899807508E-12
*****
i=59008
k(59008)=0.99936125019258
kQ(59008)=0.99872290838647
r1= : 1.6842118143266E-12
rpunto1 : = -10713492.401456
rduepunti0 : = -6.0321068563772E+25
fil : = 501.79350058825
fipunto1 : = 4.1405700974349E+18
fi_gradi : = 28750.649770802
t1 : = 1.0812367975511E-14
tpunto1 : = 1.0023000779665
tduepunti0 : = 2.1347193346472E+16
v=v_elettrone : = 12773018.340676
x0= : 1.0973498206341E-12
y0= : -1.2793060200504E-12
```

```
*****
i=59009
k(59009)=0.99936040511975
kQ(59009)=0.99872121932111
r1= : 1.6829553499367E-12
rpunto1: = -10720574.825863
rduepunti0 : = -6.0389694033782E+25
fil : = 501.7939861889
fipunto1 : = 4.1467480363817E+18
fi_gradi : = 28750.67759367
t1 : = 1.0812368093059E-14
tpunto1 : = 1.002302586939
tduepunti0 : = 2.1393250573682E+16
v=v_elettrone : = 12781771.969113
x0= : 1.0971520366708E-12
y0= : -1.2778211314368E-12
*****
i=59010
k(59010)=0.99935955852433
kQ(59010)=0.99871952721394
r1= : 1.6816980549294E-12
rpunto1: = -10727665.316365
rduepunti0 : = -6.045847119085E+25
fil : = 501.79447251409
fipunto1 : = 4.1529439055746E+18
fi_gradi : = 28750.705458051
t1 : = 1.0812368210608E-14
tpunto1 : = 1.0023051013308
tduepunti0 : = 2.1439459087963E+16
v=v_elettrone : = 12790538.428674
x0= : 1.0969534522158E-12
y0= : -1.2763353139173E-12
*****
i=59011
k(59011)=0.99935871040228
kQ(59011)=0.9987178320569
r1= : 1.6804399283586E-12
rpunto1: = -10734763.890804
rduepunti0 : = -6.0527400474961E+25
fil : = 501.79495956593
fipunto1 : = 4.1591577785815E+18
fi_gradi : = 28750.733364066
t1 : = 1.0812368328157E-14
tpunto1 : = 1.0023076211596
tduepunti0 : = 2.1485819564095E+16
v=v_elettrone : = 12799317.755092
x0= : 1.0967540656192E-12
y0= : -1.2748485664976E-12
*****
i=59012
k(59012)=0.99935786074953
kQ(59012)=0.99871613384188
r1= : 1.6791809692762E-12
rpunto1: = -10741870.567072
rduepunti0 : = -6.0596482327519E+25
fil : = 501.79544734652
fipunto1 : = 4.1653897293604E+18
fi_gradi : = 28750.761311835
t1 : = 1.0812368445707E-14
tpunto1 : = 1.0023101464434
tduepunti0 : = 2.1532332680643E+16
v=v_elettrone : = 12808109.983434
x0= : 1.096553875226E-12
y0= : -1.2733608881808E-12
```

```
*****
i=59013
k(59013)=0.99935700956201
kQ(59013)=0.99871443256073
r1= : 1.6779211767322E-12
rpunto1: = -10748985.363114
rduerpunto0 : = -6.0665717191354E+25
fil : = 501.79593585798
fipunto1 : = 4.1716398322619E+18
fi_gradi : = 28750.78930148
t1 : = 1.0812368563256E-14
tpunto1 : = 1.0023126772003
tduerpunto0 : = 2.1578999119983E+16
v=v_elettrone : = 12816915.148996
x0= : 1.0963528793755E-12
y0= : -1.2718722779684E-12
*****
i=59014
k(59014)=0.99935615683564
kQ(59014)=0.9987127282053
r1= : 1.6766605497742E-12
rpunto1: = -10756108.296928
rduerpunto0 : = -6.0735105510722E+25
fil : = 501.79642510245
fipunto1 : = 4.1779081620317E+18
fi_gradi : = 28750.817333123
t1 : = 1.0812368680806E-14
tpunto1 : = 1.0023152134481
tduerpunto0 : = 2.1625819568323E+16
v=v_elettrone : = 12825733.28819
x0= : 1.0961510764017E-12
y0= : -1.2703827348597E-12
*****
i=59015
k(59015)=0.99935530256631
kQ(59015)=0.9987110207674
r1= : 1.6753990874478E-12
rpunto1: = -10763239.386562
rduerpunto0 : = -6.0804647731311E+25
fil : = 501.79691508206
fipunto1 : = 4.1841947938132E+18
fi_gradi : = 28750.845406887
t1 : = 1.0812368798356E-14
tpunto1 : = 1.0023177552052
tduerpunto0 : = 2.1672794715734E+16
v=v_elettrone : = 12834564.436749
x0= : 1.0959484646334E-12
y0= : -1.2688922578519E-12
*****
i=59016
k(59016)=0.9993544467499
kQ(59016)=0.99870931023879
r1= : 1.6741367887965E-12
rpunto1: = -10770378.650119
rduerpunto0 : = -6.0874344300242E+25
fil : = 501.79740579896
fipunto1 : = 4.1904998031504E+18
fi_gradi : = 28750.873522894
t1 : = 1.0812368915907E-14
tpunto1 : = 1.0023203024896
tduerpunto0 : = 2.1719925256172E+16
v=v_elettrone : = 12843408.630196
x0= : 1.095745042394E-12
y0= : -1.2674008459401E-12
```

```
*****
i=59017
k(59017)=0.99935358938228
kQ(59017)=0.99870759661124
r1= : 1.6728736528617E-12
rpunto1: = -10777526.105753
rduepunti0 : = -6.0944195666074E+25
fil : = 501.7978972553
fipunto1 : = 4.1968232659898E+18
fi_gradi : = 28750.901681268
t1 : = 1.0812369033458E-14
tpunto1 : = 1.0023228553198
tduepunti0 : = 2.1767211887508E+16
v=v_elettrone : = 12852265.904721
x0= : 1.0955408080012E-12
y0= : -1.2659084981175E-12
*****
i=59018
k(59018)=0.9993527304593
kQ(59018)=0.99870587987646
r1= : 1.6716096786827E-12
rpunto1: = -10784681.771671
rduepunti0 : = -6.1014202278806E+25
fil : = 501.79838945325
fipunto1 : = 4.2031652586837E+18
fi_gradi : = 28750.929882133
t1 : = 1.0812369151009E-14
tpunto1 : = 1.0023254137141
tduepunti0 : = 2.1814655311551E+16
v=v_elettrone : = 12861136.297153
x0= : 1.0953357597673E-12
y0= : -1.2644152133749E-12
*****
i=59019
k(59019)=0.99935186997681
kQ(59019)=0.99870416002614
r1= : 1.6703448652965E-12
rpunto1: = -10791845.666133
rduepunti0 : = -6.1084364589883E+25
fil : = 501.79888239498
fipunto1 : = 4.2095258579926E+18
fi_gradi : = 28750.958125614
t1 : = 1.081236926856E-14
tpunto1 : = 1.0023279776909
tduepunti0 : = 2.1862256234079E+16
v=v_elettrone : = 12870019.843237
x0= : 1.0951298959992E-12
y0= : -1.2629209907014E-12
*****
i=59020
k(59020)=0.99935100793063
kQ(59020)=0.99870243705196
r1= : 1.6690792117381E-12
rpunto1: = -10799017.807452
rduepunti0 : = -6.1154683052197E+25
fil : = 501.79937608267
fipunto1 : = 4.2159051410878E+18
fi_gradi : = 28750.986411835
t1 : = 1.0812369386112E-14
tpunto1 : = 1.0023305472689
tduepunti0 : = 2.191001536486E+16
v=v_elettrone : = 12878916.5798
x0= : 1.0949232149984E-12
y0= : -1.2614258290838E-12
```

```
*****
i=59021
k(59021)=0.99935014431656
kQ(59021)=0.99870071094554
r1= : 1.6678127170404E-12
rpunto1 : = -10806198.213996
rduepunti0 : = -6.1225158120091E+25
fil : = 501.79987051852
fipunto1 : = 4.2223031855542E+18
fi_gradi : = 28751.014740922
t1 : = 1.0812369503664E-14
tpunto1 : = 1.0023331224666
tduepunti0 : = 2.1957933417687E+16
v=v_elettrone : = 12887826.543439
x0= : 1.0947157150607E-12
y0= : -1.2599297275069E-12
*****
i=59022
k(59022)=0.99934927913042
kQ(59022)=0.99869898169849
r1= : 1.666545380234E-12
rpunto1 : = -10813386.904183
rduepunti0 : = -6.1295790249362E+25
fil : = 501.80036570472
fipunto1 : = 4.2287200693928E+18
fi_gradi : = 28751.043113002
t1 : = 1.0812369621216E-14
tpunto1 : = 1.0023357033028
tduepunti0 : = 2.2006011110396E+16
v=v_elettrone : = 12896749.770967
x0= : 1.0945073944762E-12
y0= : -1.2584326849533E-12
*****
i=59023
k(59023)=0.99934841236797
kQ(59023)=0.99869724930238
r1= : 1.6652772003474E-12
rpunto1 : = -10820583.896488
rduepunti0 : = -6.1366579897267E+25
fil : = 501.80086164348
fipunto1 : = 4.2351558710238E+18
fi_gradi : = 28751.0715282
t1 : = 1.0812369738769E-14
tpunto1 : = 1.0023382897964
tduepunti0 : = 2.2054249164903E+16
v=v_elettrone : = 12905686.299849
x0= : 1.0942982515296E-12
y0= : -1.2569347004036E-12
*****
i=59024
k(59024)=0.99934754402498
kQ(59024)=0.99869551374877
r1= : 1.6640081764069E-12
rpunto1 : = -10827789.209437
rduepunti0 : = -6.1437527522521E+25
fil : = 501.80135833703
fipunto1 : = 4.241610669289E+18
fi_gradi : = 28751.099986644
t1 : = 1.0812369856322E-14
tpunto1 : = 1.0023408819661
tduepunti0 : = 2.2102648307224E+16
v=v_elettrone : = 12914636.166426
x0= : 1.0940882845E-12
y0= : -1.2554357728361E-12
```

```
*****
i=59025
k(59025)=0.99934667409722
kQ(59025)=0.99869377502917
r1= : 1.6627383074368E-12
rpunto1 : = -10835002.861612
rduepunti0 : = -6.1508633585304E+25
fil : = 501.80185578759
fipunto1 : = 4.2480845434548E+18
fi_gradi : = 28751.128488461
t1 : = 1.0812369973875E-14
tpunto1 : = 1.002343479831
tduepunti0 : = 2.2151209267509E+16
v=v_elettrone : = 12923599.408578
x0= : 1.0938774916608E-12
y0= : -1.2539359012274E-12
*****
i=59026
k(59026)=0.9993458025804
kQ(59026)=0.99869203313506
r1= : 1.6614675924589E-12
rpunto1 : = -10842224.87165
rduepunti0 : = -6.1579898547267E+25
fil : = 501.80235399739
fipunto1 : = 4.2545775732147E+18
fi_gradi : = 28751.15703378
t1 : = 1.0812370091429E-14
tpunto1 : = 1.0023460834101
tduepunti0 : = 2.2199932780065E+16
v=v_elettrone : = 12932576.063499
x0= : 1.0936658712798E-12
y0= : -1.2524350845515E-12
*****
i=59027
k(59027)=0.99934492947026
kQ(59027)=0.99869028805792
r1= : 1.6601960304932E-12
rpunto1 : = -10849455.258238
rduepunti0 : = -6.1651322871526E+25
fil : = 501.80285296869
fipunto1 : = 4.2610898386925E+18
fi_gradi : = 28751.18562273
t1 : = 1.0812370208982E-14
tpunto1 : = 1.0023486927226
tduepunti0 : = 2.224881958339E+16
v=v_elettrone : = 12941566.169027
x0= : 1.0934534216189E-12
y0= : -1.2509333217806E-12
*****
i=59028
k(59028)=0.9993440547625
kQ(59028)=0.99868853978915
r1= : 1.6589236205571E-12
rpunto1 : = -10856694.040122
rduepunti0 : = -6.1722907022675E+25
fil : = 501.80335270374
fipunto1 : = 4.267621420445E+18
fi_gradi : = 28751.214255439
t1 : = 1.0812370326537E-14
tpunto1 : = 1.0023513077877
tduepunti0 : = 2.2297870420196E+16
v=v_elettrone : = 12950569.76276
x0= : 1.0932401409347E-12
y0= : -1.2494306118846E-12
```

```
*****
i=59029
k(59029)=0.99934317845281
kQ(59029)=0.99868678832017
r1= : 1.6576503616662E-12
rpunto1 : = -10863941.236101
rduepunti0 : = -6.1794651466786E+25
fil : = 501.8038532048
fipunto1 : = 4.2741723994646E+18
fi_gradi : = 28751.242932037
t1 : = 1.0812370444091E-14
tpunto1 : = 1.0023539286247
tduepunti0 : = 2.2347086037444E+16
v=v_elettrone : = 12959586.882497
x0= : 1.0930260274776E-12
y0= : -1.2479269538314E-12
*****
i=59030
k(59030)=0.99934230053688
kQ(59030)=0.99868503364235
r1= : 1.6563762528336E-12
rpunto1 : = -10871196.865029
rduepunti0 : = -6.1866556671406E+25
fil : = 501.80435447416
fipunto1 : = 4.2807428571825E+18
fi_gradi : = 28751.271652656
t1 : = 1.0812370561646E-14
tpunto1 : = 1.0023565552531
tduepunti0 : = 2.2396467186366E+16
v=v_elettrone : = 12968617.566227
x0= : 1.0928110794925E-12
y0= : -1.2464223465866E-12
*****
i=59031
k(59031)=0.99934142101036
kQ(59031)=0.998683275747
r1= : 1.6551012930703E-12
rpunto1 : = -10878460.945813
rduepunti0 : = -6.1938623105572E+25
fil : = 501.80485651408
fipunto1 : = 4.2873328754716E+18
fi_gradi : = 28751.300417425
t1 : = 1.0812370679201E-14
tpunto1 : = 1.0023591876924
tduepunti0 : = 2.2446014622501E+16
v=v_elettrone : = 12977661.852585
x0= : 1.0925952952184E-12
y0= : -1.2449167891139E-12
*****
i=59032
k(59032)=0.9993405398689
kQ(59032)=0.99868151462546
r1= : 1.6538254813851E-12
rpunto1 : = -10885733.497419
rduepunti0 : = -6.2010851239803E+25
fil : = 501.80535932688
fipunto1 : = 4.2939425366491E+18
fi_gradi : = 28751.329226476
t1 : = 1.0812370796756E-14
tpunto1 : = 1.0023618259621
tduepunti0 : = 2.2495729105721E+16
v=v_elettrone : = 12986719.779065
x0= : 1.0923786728887E-12
y0= : -1.2434102803745E-12
```



```
*****
i=59033
k(59033)=0.99933965710813
kQ(59033)=0.99867975026899
r1= : 1.6525488167846E-12
rpunto1 : = -10893014.538865
rduepunti0 : = -6.2083241546109E+25
fil : = 501.80586291485
fipunto1 : = 4.3005719234797E+18
fi_gradi : = 28751.358079941
t1 : = 1.0812370914312E-14
tpunto1 : = 1.0023644700819
tduepunti0 : = 2.2545611400264E+16
v=v_elettrone : = 12995791.385119
x0= : 1.0921612107306E-12
y0= : -1.2419028193278E-12
*****
i=59034
k(59034)=0.99933877272366
kQ(59034)=0.99867798266884
r1= : 1.651271298273E-12
rpunto1 : = -10900304.089227
rduepunti0 : = -6.2155794497993E+25
fil : = 501.80636728031
fipunto1 : = 4.3072211191788E+18
fi_gradi : = 28751.386977953
t1 : = 1.0812371031868E-14
tpunto1 : = 1.0023671200717
tduepunti0 : = 2.2595662274757E+16
v=v_elettrone : = 13004876.708636
x0= : 1.0919429069656E-12
y0= : -1.2403944049308E-12
*****
i=59035
k(59035)=0.99933788671111
kQ(59035)=0.99867621181622
r1= : 1.6499929248525E-12
rpunto1 : = -10907602.167635
rduepunti0 : = -6.2228510570452E+25
fil : = 501.80687242557
fipunto1 : = 4.3138902074149E+18
fi_gradi : = 28751.415920645
t1 : = 1.0812371149424E-14
tpunto1 : = 1.0023697759512
tduepunti0 : = 2.2645882502256E+16
v=v_elettrone : = 13013975.788992
x0= : 1.0917237598095E-12
y0= : -1.2388850361384E-12
*****
i=59036
k(59036)=0.99933699906604
kQ(59036)=0.99867443770232
r1= : 1.6487136955229E-12
rpunto1 : = -10914908.793275
rduepunti0 : = -6.2301390239984E+25
fil : = 501.80737835298
fipunto1 : = 4.3205792723132E+18
fi_gradi : = 28751.44490815
t1 : = 1.0812371266981E-14
tpunto1 : = 1.0023724377404
tduepunti0 : = 2.2696272860271E+16
v=v_elettrone : = 13023088.664885
x0= : 1.0915037674718E-12
y0= : -1.2373747119034E-12
```

```
*****
i=59037
k(59037)=0.99933610978404
kQ(59037)=0.9986726603183
r1= : 1.6474336092818E-12
rpunto1: = -10922223.98539
rduerpunti0 : = -6.2374433984588E+25
fil : = 501.80788506487
fipunto1 : = 4.3272883984582E+18
fi_gradi : = 28751.473940603
t1 : = 1.0812371384538E-14
tpunto1 : = 1.0023751054594
tduerpunti0 : = 2.2746834130795E+16
v=v_elettrone : = 13032215.375195
x0= : 1.0912829281564E-12
y0= : -1.2358634311764E-12
*****
i=59038
k(59038)=0.99933521886065
kQ(59038)=0.99867087965527
r1= : 1.6461526651245E-12
rpunto1: = -10929547.763279
rduerpunti0 : = -6.2447642283765E+25
fil : = 501.8083925636
fipunto1 : = 4.334017670897E+18
fi_gradi : = 28751.503018138
t1 : = 1.0812371502095E-14
tpunto1 : = 1.0023777791283
tduerpunti0 : = 2.2797567100341E+16
v=v_elettrone : = 13041355.959855
x0= : 1.091061240061E-12
y0= : -1.2343511929058E-12
*****
i=59039
k(59039)=0.99933432629142
kQ(59039)=0.99866909570433
r1= : 1.6448708620441E-12
rpunto1: = -10936880.146296
rduerpunti0 : = -6.2521015618527E+25
fil : = 501.80890085153
fipunto1 : = 4.3407671751425E+18
fi_gradi : = 28751.532140891
t1 : = 1.0812371619653E-14
tpunto1 : = 1.0023804587673
tduerpunti0 : = 2.2848472559967E+16
v=v_elettrone : = 13050510.45766
x0= : 1.0908387013773E-12
y0= : -1.2328379960376E-12
*****
i=59040
k(59040)=0.99933343207187
kQ(59040)=0.99866730845654
r1= : 1.6435881990314E-12
rpunto1: = -10944221.153854
rduerpunti0 : = -6.2594554471393E+25
fil : = 501.80940993103
fipunto1 : = 4.3475369971762E+18
fi_gradi : = 28751.561308998
t1 : = 1.081237173721E-14
tpunto1 : = 1.0023831443967
tduerpunti0 : = 2.2899551305315E+16
v=v_elettrone : = 13059678.908469
x0= : 1.090615310291E-12
y0= : -1.2313238395161E-12
```

```
*****
i=59041
k(59041)=0.9993325361975
kQ(59041)=0.99866551790292
r1= : 1.642304675075E-12
rpunto1 : = -10951570.805421
rduepunti0 : = -6.2668259326397E+25
fil : = 501.80991980449
fipunto1 : = 4.3543272234516E+18
fi_gradi : = 28751.590522596
t1 : = 1.0812371854769E-14
tpunto1 : = 1.0023858360371
tduepunti0 : = 2.2950804136635E+16
v=v_elettrone : = 13068861.351875
x0= : 1.0903910649819E-12
y0= : -1.2298087222829E-12
*****
i=59042
k(59042)=0.9993316386638
kQ(59042)=0.99866372403448
r1= : 1.641020289161E-12
rpunto1 : = -10958929.120523
rduepunti0 : = -6.2742130669089E+25
fil : = 501.8104304743
fipunto1 : = 4.3611379408971E+18
fi_gradi : = 28751.61978182
t1 : = 1.0812371972327E-14
tpunto1 : = 1.0023885337088
tduepunti0 : = 2.3002231858822E+16
v=v_elettrone : = 13078057.828507
x0= : 1.0901659636234E-12
y0= : -1.2282926432777E-12
*****
i=59043
k(59043)=0.99933073946626
kQ(59043)=0.99866192684218
r1= : 1.6397350402734E-12
rpunto1 : = -10966296.118742
rduepunti0 : = -6.2816168986536E+25
fil : = 501.81094194286
fipunto1 : = 4.3679692369196E+18
fi_gradi : = 28751.64908681
t1 : = 1.0812372089886E-14
tpunto1 : = 1.0023912374324
tduepunti0 : = 2.3053835281447E+16
v=v_elettrone : = 13087268.377432
x0= : 1.0899400043832E-12
y0= : -1.2267756014379E-12
*****
i=59044
k(59044)=0.99932983860033
kQ(59044)=0.99866012631695
r1= : 1.6384489273939E-12
rpunto1 : = -10973671.819718
rduepunti0 : = -6.2890374767329E+25
fil : = 501.81145421258
fipunto1 : = 4.3748211994073E+18
fi_gradi : = 28751.678437703
t1 : = 1.0812372207445E-14
tpunto1 : = 1.0023939472288
tduepunti0 : = 2.310561521879E+16
v=v_elettrone : = 13096493.039636
x0= : 1.0897131854224E-12
y0= : -1.2252575956986E-12
```

```
*****
i=59045
k(59045)=0.99932893606144
kQ(59045)=0.9986583224497
r1= : 1.6371619495019E-12
rpunto1 : = -10981056.243148
rduepunti0 : = -6.2964748501579E+25
fil : = 501.81196728589
fipunto1 : = 4.3816939167331E+18
fi_gradi : = 28751.707834639
t1 : = 1.0812372325004E-14
tpunto1 : = 1.0023966631186
tduepunti0 : = 2.3157572489871E+16
v=v_elettrone : = 13105731.855376
x0= : 1.0894855048962E-12
y0= : -1.2237386249929E-12
*****
i=59046
k(59046)=0.99932803184504
kQ(59046)=0.99865651523129
r1= : 1.6358741055743E-12
rpunto1 : = -10988449.408788
rduepunti0 : = -6.3039290680927E+25
fil : = 501.81248116523
fipunto1 : = 4.388587477758E+18
fi_gradi : = 28751.737277756
t1 : = 1.0812372442564E-14
tpunto1 : = 1.0023993851229
tduepunti0 : = 2.3209707918488E+16
v=v_elettrone : = 13114984.865099
x0= : 1.0892569609536E-12
y0= : -1.2222186882513E-12
*****
i=59047
k(59047)=0.99932712594653
kQ(59047)=0.99865470465256
r1= : 1.6345853945859E-12
rpunto1 : = -10995851.336449
rduepunti0 : = -6.3114001798542E+25
fil : = 501.81299585304
fipunto1 : = 4.3955019718341E+18
fi_gradi : = 28751.766767195
t1 : = 1.0812372560124E-14
tpunto1 : = 1.0024021132624
tduepunti0 : = 2.3262022333244E+16
v=v_elettrone : = 13124252.109842
x0= : 1.0890275517374E-12
y0= : -1.2206977844026E-12
*****
i=59048
k(59048)=0.99932621836131
kQ(59048)=0.99865289070431
r1= : 1.6332958155091E-12
rpunto1 : = -11003262.046004
rduepunti0 : = -6.3188882349125E+25
fil : = 501.81351135176
fipunto1 : = 4.4024374888083E+18
fi_gradi : = 28751.796303096
t1 : = 1.0812372677685E-14
tpunto1 : = 1.0024048475585
tduepunti0 : = 2.3314516567585E+16
v=v_elettrone : = 13133533.629927
x0= : 1.088797275384E-12
y0= : -1.2191759123727E-12
```

```
*****
i=59049
k(59049)=0.99932530908475
kQ(59049)=0.99865107337733
r1= : 1.6320053673139E-12
rpunto1 : = -11010681.557382
rduepunti0 : = -6.3263932828912E+25
fil : = 501.81402766388
fipunto1 : = 4.4093941190252E+18
fi_gradi : = 28751.825885601
t1 : = 1.0812372795245E-14
tpunto1 : = 1.0024075880322
tduepunti0 : = 2.3367191459835E+16
v=v_elettrone : = 13142829.467154
x0= : 1.0885661300235E-12
y0= : -1.217653071086E-12
*****
i=59050
k(59050)=0.99932439811221
kQ(59050)=0.99864925266234
r1= : 1.6307140489682E-12
rpunto1 : = -11018109.890568
rduepunti0 : = -6.3339153735674E+25
fil : = 501.81454479186
fipunto1 : = 4.4163719533308E+18
fi_gradi : = 28751.855514852
t1 : = 1.0812372912807E-14
tpunto1 : = 1.0024103347048
tduepunti0 : = 2.3420047853225E+16
v=v_elettrone : = 13152139.662155
x0= : 1.0883341137799E-12
y0= : -1.216129259464E-12
*****
i=59051
k(59051)=0.99932348543905
kQ(59051)=0.99864742855005
r1= : 1.6294218594372E-12
rpunto1 : = -11025547.065611
rduepunti0 : = -6.3414545568723E+25
fil : = 501.81506273819
fipunto1 : = 4.4233710830758E+18
fi_gradi : = 28751.885190991
t1 : = 1.0812373030368E-14
tpunto1 : = 1.0024130875977
tduepunti0 : = 2.3473086595931E+16
v=v_elettrone : = 13161464.256608
x0= : 1.0881012247706E-12
y0= : -1.2146044764263E-12
*****
i=59052
k(59052)=0.99932257106059
kQ(59052)=0.99864560103115
r1= : 1.6281287976841E-12
rpunto1 : = -11032993.102614
rduepunti0 : = -6.3490108828911E+25
fil : = 501.81558150537
fipunto1 : = 4.4303916001191E+18
fi_gradi : = 28751.914914161
t1 : = 1.081237314793E-14
tpunto1 : = 1.0024158467324
tduepunti0 : = 2.3526308541112E+16
v=v_elettrone : = 13170803.291892
x0= : 1.0878674611068E-12
y0= : -1.2130787208903E-12
```

```
*****
i=59053
k(59053)=0.99932165497214
kQ(59053)=0.99864377009626
r1= : 1.6268348626695E-12
rpunto1 : = -11040448.021741
rduepunti0 : = -6.3565844018636E+25
fil : = 501.81610109591
fipunto1 : = 4.4374335968309E+18
fi_gradi : = 28751.944684506
t1 : = 1.0812373265492E-14
tpunto1 : = 1.0024186121305
tduepunti0 : = 2.3579714546938E+16
v=v_elettrone : = 13180156.810412
x0= : 1.0876328208933E-12
y0= : -1.2115519917709E-12
*****
i=59054
k(59054)=0.999320737169
kQ(59054)=0.998641935736
r1= : 1.6255400533517E-12
rpunto1 : = -11047911.843215
rduepunti0 : = -6.3641751641842E+25
fil : = 501.81662151233
fipunto1 : = 4.4444971660967E+18
fi_gradi : = 28751.97450217
t1 : = 1.0812373383054E-14
tpunto1 : = 1.0024213838137
tduepunti0 : = 2.363330547663E+16
v=v_elettrone : = 13189524.853423
x0= : 1.0873973022284E-12
y0= : -1.2100242879807E-12
*****
i=59055
k(59055)=0.99931981764645
kQ(59055)=0.99864009794094
r1= : 1.6242443686867E-12
rpunto1 : = -11055384.587318
rduepunti0 : = -6.371783220402E+25
fil : = 501.81714275715
fipunto1 : = 4.4515824013204E+18
fi_gradi : = 28752.004367298
t1 : = 1.0812373500617E-14
tpunto1 : = 1.0024241618038
tduepunti0 : = 2.3687082198496E+16
v=v_elettrone : = 13198907.463618
x0= : 1.0871609032039E-12
y0= : -1.2084956084304E-12
*****
i=59056
k(59056)=0.99931889639975
kQ(59056)=0.99863825670162
r1= : 1.622947807628E-12
rpunto1 : = -11062866.274391
rduepunti0 : = -6.3794086212212E+25
fil : = 501.81766483291
fipunto1 : = 4.4586893964282E+18
fi_gradi : = 28752.034280036
t1 : = 1.081237361818E-14
tpunto1 : = 1.0024269461226
tduepunti0 : = 2.3741045585964E+16
v=v_elettrone : = 13208304.682548
x0= : 1.0869236219053E-12
y0= : -1.2069659520279E-12
```

```
*****
i=59057
k(59057)=0.99931797342415
kQ(59057)=0.99863641200855
r1= : 1.6216503691268E-12
rpunto1: = -11070356.924836
rduepunti0 : = -6.3870514175016E+25
fil : = 501.81818774218
fipunto1 : = 4.4658182458718E+18
fi_gradi : = 28752.06424053
t1 : = 1.0812373735743E-14
tpunto1 : = 1.0024297367921
tduepunti0 : = 2.3795196517621E+16
v=v_elettrone : = 13217716.553608
x0= : 1.0866854564114E-12
y0= : -1.2054353176793E-12
*****
i=59058
k(59058)=0.99931704871487
kQ(59058)=0.99863456385221
r1= : 1.620352052132E-12
rpunto1: = -11077856.559113
rduepunti0 : = -6.3947116602582E+25
fil : = 501.81871148751
fipunto1 : = 4.472969044632E+18
fi_gradi : = 28752.094248927
t1 : = 1.0812373853307E-14
tpunto1 : = 1.0024325338345
tduepunti0 : = 2.384953587725E+16
v=v_elettrone : = 13227143.118215
x0= : 1.0864464047945E-12
y0= : -1.203903704288E-12
*****
i=59059
k(59059)=0.99931612226714
kQ(59059)=0.99863271222303
r1= : 1.6190528555898E-12
rpunto1: = -11085365.197744
rduepunti0 : = -6.4023894006617E+25
fil : = 501.81923607147
fipunto1 : = 4.4801418882229E+18
fi_gradi : = 28752.124305375
t1 : = 1.0812373970871E-14
tpunto1 : = 1.002435337272
tduepunti0 : = 2.3904064553861E+16
v=v_elettrone : = 13236584.420477
x0= : 1.0862064651202E-12
y0= : -1.2023711107555E-12
*****
i=59060
k(59060)=0.99931519407613
kQ(59060)=0.99863085711141
r1= : 1.6177527784443E-12
rpunto1: = -11092882.86131
rduepunti0 : = -6.4100846900389E+25
fil : = 501.81976149666
fipunto1 : = 4.4873368726946E+18
fi_gradi : = 28752.15441002
t1 : = 1.0812374088435E-14
tpunto1 : = 1.0024381471268
tduepunti0 : = 2.3958783441738E+16
v=v_elettrone : = 13246040.502493
x0= : 1.0859656354478E-12
y0= : -1.2008375359806E-12
```

```
*****
i=59061
k(59061)=0.99931426413704
kQ(59061)=0.99862899850774
r1= : 1.6164518196371E-12
rpunto1: = -11100409.570453
rduepunti0 : = -6.4177975798727E+25
fil : = 501.82028776566
fipunto1 : = 4.4945540946378E+18
fi_gradi : = 28752.184563013
t1 : = 1.0812374206E-14
tpunto1 : = 1.0024409634214
tduepunti0 : = 2.4013693440468E+16
v=v_elettrone : = 13255511.407792
x0= : 1.0857239138296E-12
y0= : -1.1993029788601E-12
*****
i=59062
k(59062)=0.99931333244501
kQ(59062)=0.99862713640235
r1= : 1.6151499781072E-12
rpunto1: = -11107945.345874
rduepunti0 : = -6.4255281218023E+25
fil : = 501.8208148811
fipunto1 : = 4.501793651187E+18
fi_gradi : = 28752.214764503
t1 : = 1.0812374323565E-14
tpunto1 : = 1.0024437861783
tduepunti0 : = 2.4068795454983E+16
v=v_elettrone : = 13264997.179596
x0= : 1.0854812983116E-12
y0= : -1.1977674382883E-12
*****
i=59063
k(59063)=0.9993123989952
kQ(59063)=0.99862527078554
r1= : 1.6138472527914E-12
rpunto1: = -11115490.208336
rduepunti0 : = -6.4332763676232E+25
fil : = 501.82134284557
fipunto1 : = 4.5090556400243E+18
fi_gradi : = 28752.245014639
t1 : = 1.081237444113E-14
tpunto1 : = 1.0024466154201
tduepunti0 : = 2.4124090395596E+16
v=v_elettrone : = 13274497.861263
x0= : 1.0852377869327E-12
y0= : -1.1962309131573E-12
*****
i=59064
k(59064)=0.99931146378273
kQ(59064)=0.99862340164758
r1= : 1.6125436426241E-12
rpunto1: = -11123044.178664
rduepunti0 : = -6.4410423692878E+25
fil : = 501.82187166173
fipunto1 : = 4.5163401593831E+18
fi_gradi : = 28752.275313573
t1 : = 1.0812374558695E-14
tpunto1 : = 1.0024494511695
tduepunti0 : = 2.4179579178042E+16
v=v_elettrone : = 13284013.497124
x0= : 1.0849933777252E-12
y0= : -1.1946934023568E-12
```



```
*****
i=59065
k(59065)=0.99931052680271
kQ(59065)=0.9986215289787
r1= : 1.6112391465369E-12
rpunto1 : = -11130607.277741
rduepunti0 : = -6.4488261789053E+25
fil : = 501.8224013322
fipunto1 : = 4.5236473080523E+18
fi_gradi : = 28752.305661455
t1 : = 1.0812374676261E-14
tpunto1 : = 1.0024522934495
tduepunti0 : = 2.4235262723515E+16
v=v_elettrone : = 13293544.130359
x0= : 1.084748068715E-12
y0= : -1.1931549047741E-12
*****
i=59066
k(59066)=0.99930958805023
kQ(59066)=0.99861965276911
r1= : 1.6099337634594E-12
rpunto1 : = -11138179.526516
rduepunti0 : = -6.4566278487418E+25
fil : = 501.82293185964
fipunto1 : = 4.5309771853797E+18
fi_gradi : = 28752.336058439
t1 : = 1.0812374793828E-14
tpunto1 : = 1.0024551422829
tduepunti0 : = 2.4291141958707E+16
v=v_elettrone : = 13303089.80555
x0= : 1.0845018579206E-12
y0= : -1.1916154192943E-12
*****
i=59067
k(59067)=0.99930864752036
kQ(59067)=0.99861777300897
r1= : 1.6086274923184E-12
rpunto1 : = -11145760.945994
rduepunti0 : = -6.4644474312209E+25
fil : = 501.82346324673
fipunto1 : = 4.5383298912761E+18
fi_gradi : = 28752.366504676
t1 : = 1.0812374911394E-14
tpunto1 : = 1.0024579976928
tduepunti0 : = 2.4347217815848E+16
v=v_elettrone : = 13312650.566536
x0= : 1.084254743354E-12
y0= : -1.1900749448001E-12
*****
i=59068
k(59068)=0.99930770520816
kQ(59068)=0.9986158896884
r1= : 1.6073203320385E-12
rpunto1 : = -11153351.557246
rduepunti0 : = -6.4722849789231E+25
fil : = 501.82399549613
fipunto1 : = 4.5457055262188E+18
fi_gradi : = 28752.39700032
t1 : = 1.0812375028961E-14
tpunto1 : = 1.0024608597023
tduepunti0 : = 2.4403491232745E+16
v=v_elettrone : = 13322226.458138
x0= : 1.0840067230204E-12
y0= : -1.1885334801718E-12
```

```
*****
i=59069
k(59069)=0.99930676110867
kQ(59069)=0.9986140027975
r1= : 1.6060122815416E-12
rpunto1 : = -11160951.381403
rduepunti0 : = -6.4801405445867E+25
fil : = 501.82452861053
fipunto1 : = 4.5531041912563E+18
fi_gradi : = 28752.427545526
t1 : = 1.0812375146529E-14
tpunto1 : = 1.0024637283348
tduepunti0 : = 2.4459963152822E+16
v=v_elettrone : = 13331817.524857
x0= : 1.0837577949179E-12
y0= : -1.1869910242875E-12
*****
i=59070
k(59070)=0.99930581521691
kQ(59070)=0.99861211232633
r1= : 1.6047033397472E-12
rpunto1 : = -11168560.439658
rduepunti0 : = -6.4880141811076E+25
fil : = 501.82506259264
fipunto1 : = 4.5605259880115E+18
fi_gradi : = 28752.458140447
t1 : = 1.0812375264096E-14
tpunto1 : = 1.0024666036137
tduepunti0 : = 2.4516634525164E+16
v=v_elettrone : = 13341423.811315
x0= : 1.0835079570378E-12
y0= : -1.1854475760227E-12
*****
i=59071
k(59071)=0.99930486752788
kQ(59071)=0.99861021826491
r1= : 1.6033935055725E-12
rpunto1 : = -11176178.753266
rduepunti0 : = -6.4959059415394E+25
fil : = 501.82559744517
fipunto1 : = 4.567971018686E+18
fi_gradi : = 28752.488785239
t1 : = 1.0812375381664E-14
tpunto1 : = 1.0024694855624
tduepunti0 : = 2.4573506304551E+16
v=v_elettrone : = 13351045.36308
x0= : 1.0832572073644E-12
y0= : -1.1839031342509E-12
*****
i=59072
k(59072)=0.99930391803657
kQ(59072)=0.99860832060323
r1= : 1.6020827779319E-12
rpunto1 : = -11183806.343546
rduepunti0 : = -6.5038158790936E+25
fil : = 501.82613317084
fipunto1 : = 4.5754393860643E+18
fi_gradi : = 28752.519480059
t1 : = 1.0812375499232E-14
tpunto1 : = 1.0024723742046
tduepunti0 : = 2.4630579451505E+16
v=v_elettrone : = 13360682.224563
x0= : 1.0830055438751E-12
y0= : -1.1823576978427E-12
```

```
*****
i=59073
k(59073)=0.99930296673794
kQ(59073)=0.99860641933125
r1= : 1.6007711557374E-12
rpunto1 : = -11191443.231877
rduepunti0 : = -6.5117440471398E+25
fil : = 501.8266697724
fipunto1 : = 4.5829311935174E+18
fi_gradi : = 28752.550225064
t1 : = 1.0812375616801E-14
tpunto1 : = 1.002475269564
tduepunti0 : = 2.4687854932329E+16
v=v_elettrone : = 13370334.441556
x0= : 1.0827529645401E-12
y0= : -1.1808112656668E-12
*****
i=59074
k(59074)=0.99930201362694
kQ(59074)=0.99860451443886
r1= : 1.5994586378987E-12
rpunto1 : = -11199089.439704
rduepunti0 : = -6.5196904992056E+25
fil : = 501.82720725258
fipunto1 : = 4.5904465450073E+18
fi_gradi : = 28752.58102041
t1 : = 1.081237573437E-14
tpunto1 : = 1.0024781716644
tduepunti0 : = 2.4745333719148E+16
v=v_elettrone : = 13380002.059945
x0= : 1.0824994673226E-12
y0= : -1.1792638365893E-12
*****
i=59075
k(59075)=0.99930105869851
kQ(59075)=0.99860260591597
r1= : 1.5981452233227E-12
rpunto1 : = -11206744.988532
rduepunti0 : = -6.5276552889772E+25
fil : = 501.82774561415
fipunto1 : = 4.5979855450911E+18
fi_gradi : = 28752.611866256
t1 : = 1.0812375851939E-14
tpunto1 : = 1.0024810805298
tduepunti0 : = 2.4803016789954E+16
v=v_elettrone : = 13389685.124875
x0= : 1.0822450501788E-12
y0= : -1.1777154094739E-12
*****
i=59076
k(59076)=0.99930010194756
kQ(59076)=0.9986006937524
r1= : 1.5968309109139E-12
rpunto1 : = -11214409.899931
rduepunti0 : = -6.5356384702988E+25
fil : = 501.82828485989
fipunto1 : = 4.6055482989247E+18
fi_gradi : = 28752.64276276
t1 : = 1.0812375969509E-14
tpunto1 : = 1.0024839961842
tduepunti0 : = 2.4860905128644E+16
v=v_elettrone : = 13399383.682853
x0= : 1.0819897110577E-12
y0= : -1.176165983182E-12
```

```
*****
i=59077
k(59077)=0.99929914336898
kQ(59077)=0.99859877793797
r1= : 1.5955156995744E-12
rpunto1 : = -11222084.195533
rduepunti0 : = -6.5436400971731E+25
fil : = 501.82882499257
fipunto1 : = 4.6131349122677E+18
fi_gradi : = 28752.673710084
t1 : = 1.0812376087079E-14
tpunto1 : = 1.002486918652
tduepunti0 : = 2.4918999725068E+16
v=v_elettrone : = 13409097.780065
x0= : 1.0817334479011E-12
y0= : -1.1746155565725E-12
*****
i=59078
k(59078)=0.99929818295764
kQ(59078)=0.99859685846245
r1= : 1.5941995882035E-12
rpunto1 : = -11229767.897035
rduepunti0 : = -6.5516602237617E+25
fil : = 501.82936601501
fipunto1 : = 4.6207454914869E+18
fi_gradi : = 28752.704708386
t1 : = 1.081237620465E-14
tpunto1 : = 1.0024898479572
tduepunti0 : = 2.4977301575067E+16
v=v_elettrone : = 13418827.462359
x0= : 1.0814762586438E-12
y0= : -1.173064128502E-12
*****
i=59079
k(59079)=0.99929722070842
kQ(59079)=0.99859493531556
r1= : 1.5928825756981E-12
rpunto1 : = -11237461.026197
rduepunti0 : = -6.5596989043844E+25
fil : = 501.82990793
fipunto1 : = 4.6283801435612E+18
fi_gradi : = 28752.735757828
t1 : = 1.081237632222E-14
tpunto1 : = 1.0024927841245
tduepunti0 : = 2.5035811680523E+16
v=v_elettrone : = 13428572.776522
x0= : 1.0812181412131E-12
y0= : -1.1715116978245E-12
*****
i=59080
k(59080)=0.99929625661613
kQ(59080)=0.99859300848702
r1= : 1.5915646609526E-12
rpunto1 : = -11245163.604842
rduepunti0 : = -6.5677561935201E+25
fil : = 501.83045074038
fipunto1 : = 4.6360389760855E+18
fi_gradi : = 28752.766858571
t1 : = 1.0812376439791E-14
tpunto1 : = 1.0024957271783
tduepunti0 : = 2.5094531049395E+16
v=v_elettrone : = 13438333.76943
x0= : 1.0809590935292E-12
y0= : -1.1699582633919E-12
```

```
*****
i=59081
k(59081)=0.99929529067562
kQ(59081)=0.99859107796647
r1= : 1.5902458428587E-12
rpunto1: = -11252875.654858
rduerpunti0 : = -6.575832145806E+25
fil : = 501.83099444897
fipunto1 : = 4.6437220972751E+18
fi_gradi : = 28752.798010779
t1 : = 1.0812376557363E-14
tpunto1 : = 1.0024986771433
tduepunti0 : = 2.515346069577E+16
v=v_elettrone : = 13448110.488042
x0= : 1.080699113505E-12
y0= : -1.1684038240534E-12
*****
i=59082
k(59082)=0.99929432288167
kQ(59082)=0.99858914374354
r1= : 1.5889261203057E-12
rpunto1: = -11260597.198198
rduerpunti0 : = -6.5839268160386E+25
fil : = 501.83153905863
fipunto1 : = 4.6514296159701E+18
fi_gradi : = 28752.829214614
t1 : = 1.0812376674934E-14
tpunto1 : = 1.0025016340443
tduepunti0 : = 2.5212601639905E+16
v=v_elettrone : = 13457902.979398
x0= : 1.080438199046E-12
y0= : -1.1668483786557E-12
*****
i=59083
k(59083)=0.99929335322908
kQ(59083)=0.99858720580781
r1= : 1.5876054921801E-12
rpunto1: = -11268328.256878
rduerpunti0 : = -6.5920402591731E+25
fil : = 501.83208457222
fipunto1 : = 4.6591616416399E+18
fi_gradi : = 28752.86047024
t1 : = 1.0812376792506E-14
tpunto1 : = 1.0025045979062
tduepunti0 : = 2.5271954908271E+16
v=v_elettrone : = 13467711.291041
x0= : 1.0801763480504E-12
y0= : -1.1652919260435E-12
*****
i=59084
k(59084)=0.9992923817126
kQ(59084)=0.99858526414884
r1= : 1.5862839573661E-12
rpunto1: = -11276068.852979
rduerpunti0 : = -6.6001725303235E+25
fil : = 501.83263099261
fipunto1 : = 4.6669182843875E+18
fi_gradi : = 28752.891777822
t1 : = 1.0812376910079E-14
tpunto1 : = 1.0025075687539
tduepunti0 : = 2.53315215336E+16
v=v_elettrone : = 13477535.470167
x0= : 1.079913558409E-12
y0= : -1.1637344650585E-12
```

```

*****
i=59085
k(59085)=0.99929140832699
kQ(59085)=0.99858331875613
r1= : 1.5849615147451E-12
rpunto1 : = -11283819.008648
rduepunti0 : = -6.608323684763E+25
fil : = 501.83317832269
fipunto1 : = 4.674699654954E+18
fi_gradi : = 28752.923137526
t1 : = 1.0812377027652E-14
tpunto1 : = 1.0025105466127
tduepunti0 : = 2.5391302554932E+16
v=v_elettrone : = 13487375.564897
x0= : 1.079649828005E-12
y0= : -1.1621759945404E-12
*****
i=59086
k(59086)=0.99929043306697
kQ(59086)=0.99858136961916
r1= : 1.583638163196E-12
rpunto1 : = -11291578.746095
rduepunti0 : = -6.6164937779236E+25
fil : = 501.83372656535
fipunto1 : = 4.6825058647232E+18
fi_gradi : = 28752.954549517
t1 : = 1.0812377145225E-14
tpunto1 : = 1.0025135315078
tduepunti0 : = 2.5451299017657E+16
v=v_elettrone : = 13497231.622984
x0= : 1.0793851547143E-12
y0= : -1.1606165133262E-12
*****
i=59087
k(59087)=0.99928945592724
kQ(59087)=0.99857941672737
r1= : 1.582313901595E-12
rpunto1 : = -11299348.087597
rduepunti0 : = -6.6246828653964E+25
fil : = 501.83427572352
fipunto1 : = 4.690337025726E+18
fi_gradi : = 28752.986013962
t1 : = 1.0812377262798E-14
tpunto1 : = 1.0025165234646
tduepunti0 : = 2.5511511973567E+16
v=v_elettrone : = 13507103.692696
x0= : 1.0791195364053E-12
y0= : -1.1590560202506E-12
*****
i=59088
k(59088)=0.99928847690251
kQ(59088)=0.99857746007014
r1= : 1.5809887288158E-12
rpunto1 : = -11307127.055495
rduepunti0 : = -6.6328910029314E+25
fil : = 501.83482580012
fipunto1 : = 4.6981932506452E+18
fi_gradi : = 28753.01753103
t1 : = 1.0812377380372E-14
tpunto1 : = 1.0025195225086
tduepunti0 : = 2.5571942480899E+16
v=v_elettrone : = 13516991.822343
x0= : 1.0788529709388E-12
y0= : -1.1574945141456E-12

```

```
*****
i=59089
k(59089)=0.99928749598743
kQ(59089)=0.99857549963684
r1= : 1.5796626437294E-12
rpunto1: = -11314915.672197
rduepunti0 : = -6.6411182464379E+25
fil : = 501.83537679808
fipunto1 : = 4.7060746528198E+18
fi_gradi : = 28753.049100888
t1 : = 1.0812377497946E-14
tpunto1 : = 1.0025225286654
tduepunti0 : = 2.5632591604383E+16
v=v_elettrone : = 13526896.060315
x0= : 1.078585456168E-12
y0= : -1.1559319938411E-12
*****
i=59090
k(59090)=0.99928651317667
kQ(59090)=0.99857353541678
r1= : 1.5783356452042E-12
rpunto1: = -11322713.960176
rduepunti0 : = -6.6493646519837E+25
fil : = 501.83592872037
fipunto1 : = 4.7139813462503E+18
fi_gradi : = 28753.080723705
t1 : = 1.0812377615521E-14
tpunto1 : = 1.0025255419609
tduepunti0 : = 2.5693460415292E+16
v=v_elettrone : = 13536816.455891
x0= : 1.0783169899384E-12
y0= : -1.1543684581641E-12
*****
i=59091
k(59091)=0.99928552846484
kQ(59091)=0.99857156739926
r1= : 1.577007732106E-12
rpunto1: = -11330521.94197
rduepunti0 : = -6.6576302757961E+25
fil : = 501.83648156994
fipunto1 : = 4.7219134456025E+18
fi_gradi : = 28753.112399653
t1 : = 1.0812377733096E-14
tpunto1 : = 1.0025285624209
tduepunti0 : = 2.5754549991489E+16
v=v_elettrone : = 13546753.057997
x0= : 1.0780475700881E-12
y0= : -1.1528039059395E-12
*****
i=59092
k(59092)=0.99928454184657
kQ(59092)=0.99856959557352
r1= : 1.5756789032979E-12
rpunto1: = -11338339.640185
rduepunti0 : = -6.665915174261E+25
fil : = 501.83703534978
fipunto1 : = 4.729871066213E+18
fi_gradi : = 28753.1441289
t1 : = 1.0812377850671E-14
tpunto1 : = 1.0025315900714
tduepunti0 : = 2.5815861417473E+16
v=v_elettrone : = 13556705.915614
x0= : 1.0777771944472E-12
y0= : -1.1512383359894E-12
```

```
*****
i=59093
k(59093)=0.99928355331645
kQ(59093)=0.99856761992875
r1= : 1.5743491576403E-12
rpunto1 : = -11346167.077492
rduepunti0 : = -6.6742194039233E+25
fil : = 501.83759006288
fipunto1 : = 4.7378543240937E+18
fi_gradi : = 28753.175911619
t1 : = 1.0812377968247E-14
tpunto1 : = 1.0025346249385
tduepunti0 : = 2.5877395784433E+16
v=v_elettrone : = 13566675.078178
x0= : 1.0775058608383E-12
y0= : -1.1496717471335E-12
*****
i=59094
k(59094)=0.99928256286904
kQ(59094)=0.99856564045412
r1= : 1.5730184939911E-12
rpunto1 : = -11354004.276629
rduepunti0 : = -6.6825430214868E+25
fil : = 501.83814571224
fipunto1 : = 4.7458633359365E+18
fi_gradi : = 28753.207747983
t1 : = 1.0812378085822E-14
tpunto1 : = 1.0025376670486
tduepunti0 : = 2.5939154190294E+16
v=v_elettrone : = 13576660.595618
x0= : 1.0772335670762E-12
y0= : -1.1481041381891E-12
*****
i=59095
k(59095)=0.99928157049891
kQ(59095)=0.99856365713877
r1= : 1.5716869112055E-12
rpunto1 : = -11361851.2604
rduepunti0 : = -6.690886083814E+25
fil : = 501.8387023009
fipunto1 : = 4.7538982191185E+18
fi_gradi : = 28753.239638164
t1 : = 1.0812378203399E-14
tpunto1 : = 1.0025407164281
tduepunti0 : = 2.6001137739769E+16
v=v_elettrone : = 13586662.51747
x0= : 1.0769603109678E-12
y0= : -1.146535507971E-12
*****
i=59096
k(59096)=0.99928057620059
kQ(59096)=0.99856166997178
r1= : 1.5703544081358E-12
rpunto1 : = -11369708.051678
rduepunti0 : = -6.6992486479263E+25
fil : = 501.83925983187
fipunto1 : = 4.7619590917065E+18
fi_gradi : = 28753.271582335
t1 : = 1.0812378320975E-14
tpunto1 : = 1.0025437731034
tduepunti0 : = 2.6063347544405E+16
v=v_elettrone : = 13596680.893744
x0= : 1.0766860903122E-12
y0= : -1.1449658552913E-12
```



```
*****
i=59097
k(59097)=0.99927957996859
kQ(59097)=0.99855967894219
r1= : 1.569020983632E-12
rpunto1 : = -11377574.673399
rduepunti0 : = -6.7076307710036E+25
fil : = 501.83981830821
fipunto1 : = 4.7700460724624E+18
fi_gradi : = 28753.303580672
t1 : = 1.0812378438552E-14
tpunto1 : = 1.0025468371013
tduepunti0 : = 2.6125784722642E+16
v=v_elettrone : = 13606715.774906
x0= : 1.0764109029006E-12
y0= : -1.1433951789598E-12
*****
i=59098
k(59098)=0.9992785817974
kQ(59098)=0.99855768403902
r1= : 1.567686636541E-12
rpunto1 : = -11385451.148571
rduepunti0 : = -6.7160325103843E+25
fil : = 501.84037773298
fipunto1 : = 4.7781592808478E+18
fi_gradi : = 28753.335633351
t1 : = 1.081237855613E-14
tpunto1 : = 1.0025499084486
tduepunti0 : = 2.6188450399855E+16
v=v_elettrone : = 13616767.211876
x0= : 1.0761347465162E-12
y0= : -1.1418234777836E-12
*****
i=59099
k(59099)=0.9992775816815
kQ(59099)=0.99855568525124
r1= : 1.5663513657073E-12
rpunto1 : = -11393337.500267
rduepunti0 : = -6.7244539235654E+25
fil : = 501.84093810925
fipunto1 : = 4.7862988370292E+18
fi_gradi : = 28753.367740546
t1 : = 1.0812378673708E-14
tpunto1 : = 1.0025529871721
tduepunti0 : = 2.6251345708411E+16
v=v_elettrone : = 13626835.254769
x0= : 1.0758576189346E-12
y0= : -1.1402507505674E-12
*****
i=59100
k(59100)=0.99927657961536
kQ(59100)=0.99855368256776
r1= : 1.5650151699726E-12
rpunto1 : = -11401233.751626
rduepunti0 : = -6.7328950682022E+25
fil : = 501.84149944013
fipunto1 : = 4.7944648618831E+18
fi_gradi : = 28753.399902436
t1 : = 1.0812378791286E-14
tpunto1 : = 1.002556073299
tduepunti0 : = 2.6314471787722E+16
v=v_elettrone : = 13636919.954576
x0= : 1.075579517923E-12
y0= : -1.1386769961133E-12
```

```
*****
i=59101
k(59101)=0.99927557559339
kQ(59101)=0.99855167597749
r1= : 1.5636780481758E-12
rpunto1: = -11409139.925858
rduepunti0 : = -6.741356002108E+25
fil : = 501.8420617287
fipunto1 : = 4.802657477001E+18
fi_gradi : = 28753.432119198
t1 : = 1.0812378908864E-14
tpunto1 : = 1.0025591668564
tduepunti0 : = 2.6377829784293E+16
v=v_elettrone : = 13647021.362724
x0= : 1.0753004412407E-12
y0= : -1.1371022132209E-12
*****
i=59102
k(59102)=0.99927456961001
kQ(59102)=0.99854966546928
r1= : 1.5623399991533E-12
rpunto1: = -11417056.046239
rduepunti0 : = -6.7498367832546E+25
fil : = 501.8426249781
fipunto1 : = 4.8108768046947E+18
fi_gradi : = 28753.464391011
t1 : = 1.0812379026443E-14
tpunto1 : = 1.0025622678717
tduepunti0 : = 2.6441420851778E+16
v=v_elettrone : = 13657139.530681
x0= : 1.075020386639E-12
y0= : -1.1355264006871E-12
*****
i=59103
k(59103)=0.99927356165963
kQ(59103)=0.99854765103192
r1= : 1.5610010217385E-12
rpunto1: = -11424982.136115
rduepunti0 : = -6.7583374697713E+25
fil : = 501.84318919144
fipunto1 : = 4.8191229680015E+18
fi_gradi : = 28753.496718055
t1 : = 1.0812379144022E-14
tpunto1 : = 1.0025653763723
tduepunti0 : = 2.6505246151034E+16
v=v_elettrone : = 13667274.510326
x0= : 1.0747393518609E-12
y0= : -1.1339495573066E-12
*****
i=59104
k(59104)=0.99927255173661
kQ(59104)=0.99854563265419
r1= : 1.5596611147622E-12
rpunto1: = -11432918.218898
rduepunti0 : = -6.7668581199453E+25
fil : = 501.84375437189
fipunto1 : = 4.8273960906892E+18
fi_gradi : = 28753.529100509
t1 : = 1.0812379261602E-14
tpunto1 : = 1.0025684923859
tduepunti0 : = 2.6569306850174E+16
v=v_elettrone : = 13677426.352759
x0= : 1.0744573346416E-12
y0= : -1.132371681871E-12
```

```
*****
i=59105
k(59105)=0.9992715398353
kQ(59105)=0.99854361032481
r1= : 1.5583202770525E-12
rpunto1: = -11440864.318069
rduepunti0 : = -6.7753987922215E+25
fil : = 501.84432052259
fipunto1 : = 4.8356962972619E+18
fi_gradi : = 28753.561538555
t1 : = 1.0812379379182E-14
tpunto1 : = 1.0025716159402
tduepunti0 : = 2.663360412462E+16
v=v_elettrone : = 13687595.110319
x0= : 1.0741743327077E-12
y0= : -1.1307927731699E-12
*****
i=59106
k(59106)=0.99927052595005
kQ(59106)=0.99854158403248
r1= : 1.5569785074347E-12
rpunto1: = -11448820.45718
rduepunti0 : = -6.7839595452021E+25
fil : = 501.84488764673
fipunto1 : = 4.8440237129648E+18
fi_gradi : = 28753.594032375
t1 : = 1.0812379496762E-14
tpunto1 : = 1.002574747063
tduepunti0 : = 2.6698139157162E+16
v=v_elettrone : = 13697780.835785
x0= : 1.0738903437777E-12
y0= : -1.12921282999E-12
*****
i=59107
k(59107)=0.99926951007515
kQ(59107)=0.99853955376584
r1= : 1.5556358047313E-12
rpunto1: = -11456786.659849
rduepunti0 : = -6.7925404376464E+25
fil : = 501.84545574751
fipunto1 : = 4.8523784637898E+18
fi_gradi : = 28753.626582151
t1 : = 1.0812379614343E-14
tpunto1 : = 1.0025778857825
tduepunti0 : = 2.6762913138007E+16
v=v_elettrone : = 13707983.581115
x0= : 1.073605365562E-12
y0= : -1.1276318511155E-12
*****
i=59108
k(59108)=0.99926849220492
kQ(59108)=0.99853751951349
r1= : 1.5542921677621E-12
rpunto1: = -11464762.949765
rduepunti0 : = -6.8011415284709E+25
fil : = 501.84602482811
fipunto1 : = 4.8607606764811E+18
fi_gradi : = 28753.659188068
t1 : = 1.0812379731924E-14
tpunto1 : = 1.0025810321268
tduepunti0 : = 2.682792726484E+16
v=v_elettrone : = 13718203.399096
x0= : 1.0733193957625E-12
y0= : -1.126049835328E-12
```

```
*****
i=59109
k(59109)=0.9992674723336
kQ(59109)=0.99853548126399
r1= : 1.552947595344E-12
rpunto1:= -11472749.350686
rduepunti0 : = -6.8097628767488E+25
fil : = 501.84659489177
fipunto1 : = 4.8691704785404E+18
fi_gradi : = 28753.69185031
t1 : = 1.0812379849505E-14
tpunto1 : = 1.0025841861241
tduepunti0 : = 2.6893182742881E+16
v=v_elettrone : = 13728440.343362
x0= : 1.0730324320727E-12
y0= : -1.1244667814065E-12
*****
i=59110
k(59110)=0.99926645045547
kQ(59110)=0.99853343900587
r1= : 1.5516020862912E-12
rpunto1:= -11480745.886439
rduepunti0 : = -6.8184045417097E+25
fil : = 501.84716594172
fipunto1 : = 4.8776079982327E+18
fi_gradi : = 28753.724569062
t1 : = 1.0812379967087E-14
tpunto1 : = 1.002587347803
tduepunti0 : = 2.6958680784937E+16
v=v_elettrone : = 13738694.466294
x0= : 1.0727444721779E-12
y0= : -1.1228826881275E-12
*****
i=59111
k(59111)=0.99926542656474
kQ(59111)=0.99853139272761
r1= : 1.5502556394152E-12
rpunto1:= -11488752.58092
rduepunti0 : = -6.8270665827395E+25
fil : = 501.84773798122
fipunto1 : = 4.8860733645914E+18
fi_gradi : = 28753.757344511
t1 : = 1.0812380084669E-14
tpunto1 : = 1.0025905171919
tduepunti0 : = 2.7024422611463E+16
v=v_elettrone : = 13748965.822342
x0= : 1.0724555137547E-12
y0= : -1.1212975542648E-12
*****
i=59112
k(59112)=0.99926440065562
kQ(59112)=0.99852934241764
r1= : 1.5489082535245E-12
rpunto1:= -11496769.458096
rduepunti0 : = -6.8357490593803E+25
fil : = 501.84831101352
fipunto1 : = 4.8945667074247E+18
fi_gradi : = 28753.790176843
t1 : = 1.0812380202251E-14
tpunto1 : = 1.0025936943198
tduepunti0 : = 2.7090409450617E+16
v=v_elettrone : = 13759254.464302
x0= : 1.0721655544716E-12
y0= : -1.1197113785897E-12
```

```
*****
i=59113
k(59113)=0.99926337272231
kQ(59113)=0.99852728806437
r1= : 1.5475599274249E-12
rpunto1 : = -11504796.542004
rduepunti0 : = -6.8444520313296E+25
fil : = 501.8488850419
fipunto1 : = 4.9030881573205E+18
fi_gradi : = 28753.823066247
t1 : = 1.0812380319834E-14
tpunto1 : = 1.0025968792153
tduepunti0 : = 2.7156642538324E+16
v=v_elettrone : = 13769560.446607
x0= : 1.0718745919881E-12
y0= : -1.1181241598707E-12
*****
i=59114
k(59114)=0.99926234275897
kQ(59114)=0.99852522965614
r1= : 1.5462106599194E-12
rpunto1 : = -11512833.856751
rduepunti0 : = -6.8531755584407E+25
fil : = 501.84946006968
fipunto1 : = 4.9116378456524E+18
fi_gradi : = 28753.856012912
t1 : = 1.0812380437418E-14
tpunto1 : = 1.0026000719076
tduepunti0 : = 2.7223123118327E+16
v=v_elettrone : = 13779883.823268
x0= : 1.0715826239556E-12
y0= : -1.1165358968738E-12
*****
i=59115
k(59115)=0.99926131075974
kQ(59115)=0.99852316718127
r1= : 1.5448604498081E-12
rpunto1 : = -11520881.426513
rduepunti0 : = -6.8619197007218E+25
fil : = 501.85003610015
fipunto1 : = 4.9202159045857E+18
fi_gradi : = 28753.889017026
t1 : = 1.0812380555001E-14
tpunto1 : = 1.0026032724259
tduepunti0 : = 2.7289852442253E+16
v=v_elettrone : = 13790224.649102
x0= : 1.0712896480165E-12
y0= : -1.1149465883625E-12
*****
i=59116
k(59116)=0.99926027671875
kQ(59116)=0.99852110062803
r1= : 1.5435092958884E-12
rpunto1 : = -11528939.27554
rduepunti0 : = -6.8706845183358E+25
fil : = 501.85061313664
fipunto1 : = 4.928822467083E+18
fi_gradi : = 28753.922078782
t1 : = 1.0812380672585E-14
tpunto1 : = 1.0026064807993
tduepunti0 : = 2.735683176967E+16
v=v_elettrone : = 13800582.978091
x0= : 1.0709956618048E-12
y0= : -1.1133562330973E-12
```

```
*****
i=59117
k(59117)=0.9992592406301
kQ(59117)=0.99851902998464
r1= : 1.5421571969547E-12
rpunto1 : = -11537007.428148
rduepunti0 : = -6.8794700716003E+25
fil : = 501.8511911825
fipunto1 : = 4.9374576669099E+18
fi_gradi : = 28753.95519837
t1 : = 1.081238079017E-14
tpunto1 : = 1.0026096970575
tduepunti0 : = 2.7424062368146E+16
v=v_elettrone : = 13810958.865833
x0= : 1.0707006629457E-12
y0= : -1.1117648298366E-12
*****
i=59118
k(59118)=0.99925820248787
kQ(59118)=0.99851695523929
r1= : 1.5408041517985E-12
rpunto1 : = -11545085.908727
rduepunti0 : = -6.8882764209869E+25
fil : = 501.85177024108
fipunto1 : = 4.9461216386412E+18
fi_gradi : = 28753.988375983
t1 : = 1.0812380907754E-14
tpunto1 : = 1.0026129212301
tduepunti0 : = 2.7491545513312E+16
v=v_elettrone : = 13821352.367085
x0= : 1.0704046490556E-12
y0= : -1.1101723773357E-12
*****
i=59119
k(59119)=0.99925716228613
kQ(59119)=0.99851487638013
r1= : 1.5394501592087E-12
rpunto1 : = -11553174.741739
rduepunti0 : = -6.8971036271208E+25
fil : = 501.85235031576
fipunto1 : = 4.9548145176668E+18
fi_gradi : = 28754.021611814
t1 : = 1.0812381025339E-14
tpunto1 : = 1.0026161533467
tduepunti0 : = 2.7559282488926E+16
v=v_elettrone : = 13831763.536981
x0= : 1.0701076177424E-12
y0= : -1.1085788743473E-12
*****
i=59120
k(59120)=0.99925612001891
kQ(59120)=0.99851279339524
r1= : 1.5380952179712E-12
rpunto1 : = -11561273.951714
rduepunti0 : = -6.9059517507806E+25
fil : = 501.85293140993
fipunto1 : = 4.9635364401976E+18
fi_gradi : = 28754.054906058
t1 : = 1.0812381142925E-14
tpunto1 : = 1.0026193934374
tduepunti0 : = 2.762727458693E+16
v=v_elettrone : = 13842192.431858
x0= : 1.0698095666048E-12
y0= : -1.1069843196219E-12
```

```
*****
i=59121
k(59121)=0.99925507568022
kQ(59121)=0.99851070627269
r1= : 1.5367393268689E-12
rpunto1 : = -11569383.563257
rduepunti0 : = -6.9148208528981E+25
fil : = 501.853513527
fipunto1 : = 4.9722875432719E+18
fi_gradi : = 28754.088258909
t1 : = 1.0812381260511E-14
tpunto1 : = 1.0026226415321
tduepunti0 : = 2.7695523107513E+16
v=v_elettrone : = 13852639.107197
x0= : 1.0695104932328E-12
y0= : -1.1053887119067E-12
*****
i=59122
k(59122)=0.99925402926407
kQ(59122)=0.99850861500048
r1= : 1.5353824846819E-12
rpunto1 : = -11577503.601041
rduepunti0 : = -6.9237109945572E+25
fil : = 501.85409667039
fipunto1 : = 4.9810679647609E+18
fi_gradi : = 28754.121670564
t1 : = 1.0812381378097E-14
tpunto1 : = 1.0026258976612
tduepunti0 : = 2.776402935918E+16
v=v_elettrone : = 13863103.619255
x0= : 1.0692103952076E-12
y0= : -1.1037920499467E-12
*****
i=59123
k(59123)=0.99925298076442
kQ(59123)=0.99850651956659
r1= : 1.5340246901876E-12
rpunto1 : = -11585634.089814
rduepunti0 : = -6.9326222369941E+25
fil : = 501.85468084353
fipunto1 : = 4.9898778433757E+18
fi_gradi : = 28754.155141219
t1 : = 1.0812381495684E-14
tpunto1 : = 1.002629161855
tduepunti0 : = 2.7832794658809E+16
v=v_elettrone : = 13873586.024659
x0= : 1.0689092701012E-12
y0= : -1.102194332484E-12
*****
i=59124
k(59124)=0.99925193017523
kQ(59124)=0.99850441995893
r1= : 1.5326659421601E-12
rpunto1 : = -11593775.054395
rduepunti0 : = -6.9415546415967E+25
fil : = 501.85526604988
fipunto1 : = 4.9987173186728E+18
fi_gradi : = 28754.188671073
t1 : = 1.0812381613271E-14
tpunto1 : = 1.002632434144
tduepunti0 : = 2.7901820331719E+16
v=v_elettrone : = 13884086.37959
x0= : 1.0686071154769E-12
y0= : -1.100595558258E-12
```

```
*****
i=59125
k(59125)=0.99925087749043
kQ(59125)=0.99850231616539
r1= : 1.5313062393709E-12
rpunto1 : = -11601926.519674
rduepunti0 : = -6.9505082699038E+25
fil : = 501.85585229292
fipunto1 : = 5.0075865310608E+18
fi_gradi : = 28754.222260325
t1 : = 1.0812381730858E-14
tpunto1 : = 1.002635714559
tduepunti0 : = 2.7971107711732E+16
v=v_elettrone : = 13894604.740975
x0= : 1.0683039288885E-12
y0= : -1.0989957260057E-12
*****
i=59126
k(59126)=0.99924982270392
kQ(59126)=0.99850020817381
r1= : 1.5299455805886E-12
rpunto1 : = -11610088.510614
rduepunti0 : = -6.959483183605E+25
fil : = 501.85643957613
fipunto1 : = 5.0164856218066E+18
fi_gradi : = 28754.255909174
t1 : = 1.0812381848446E-14
tpunto1 : = 1.0026390031308
tduepunti0 : = 2.8040658141244E+16
v=v_elettrone : = 13905141.166528
x0= : 1.0679997078812E-12
y0= : -1.0973948344612E-12
*****
i=59127
k(59127)=0.99924876580958
kQ(59127)=0.99849809597197
r1= : 1.5285839645786E-12
rpunto1 : = -11618261.052252
rduepunti0 : = -6.9684794445401E+25
fil : = 501.857027903
fipunto1 : = 5.0254147330419E+18
fi_gradi : = 28754.289617821
t1 : = 1.0812381966034E-14
tpunto1 : = 1.0026422998903
tduepunti0 : = 2.8110472971283E+16
v=v_elettrone : = 13915695.713485
x0= : 1.0676944499907E-12
y0= : -1.0957928823558E-12
*****
i=59128
k(59128)=0.99924770680129
kQ(59128)=0.99849597954763
r1= : 1.5272213901036E-12
rpunto1 : = -11626444.169695
rduepunti0 : = -6.9774971146984E+25
fil : = 501.85761727708
fipunto1 : = 5.0343740077696E+18
fi_gradi : = 28754.323386468
t1 : = 1.0812382083623E-14
tpunto1 : = 1.0026456048688
tduepunti0 : = 2.8180553561584E+16
v=v_elettrone : = 13926268.439026
x0= : 1.0673881527438E-12
y0= : -1.0941898684182E-12
```



```
*****
i=59129
k(59129)=0.99924664567287
kQ(59129)=0.99849385888848
r1= : 1.5258578559233E-12
rpunto1: = -11634637.888126
rduepunti0 : = -6.9865362562184E+25
fil : = 501.85820770188
fipunto1 : = 5.0433635898703E+18
fi_gradi : = 28754.357215318
t1 : = 1.0812382201212E-14
tpunto1 : = 1.0026489180976
tduepunti0 : = 2.8250901280649E+16
v=v_elettrone : = 13936859.401486
x0= : 1.0670808136577E-12
y0= : -1.0925857913745E-12
*****
i=59130
k(59130)=0.99924558241815
kQ(59130)=0.99849173398219
r1= : 1.5244933607944E-12
rpunto1: = -11642842.232798
rduepunti0 : = -6.995596931387E+25
fil : = 501.85879918097
fipunto1 : = 5.0523836241087E+18
fi_gradi : = 28754.391104573
t1 : = 1.0812382318801E-14
tpunto1 : = 1.0026522396082
tduepunti0 : = 2.8321517505818E+16
v=v_elettrone : = 13947468.659541
x0= : 1.0667724302407E-12
y0= : -1.0909806499481E-12
*****
i=59131
k(59131)=0.99924451703092
kQ(59131)=0.99848960481636
r1= : 1.5231279034706E-12
rpunto1: = -11651057.229039
rduepunti0 : = -7.004679202639E+25
fil : = 501.85939171792
fipunto1 : = 5.0614342561406E+18
fi_gradi : = 28754.42505444
t1 : = 1.0812382436391E-14
tpunto1 : = 1.0026555694321
tduepunti0 : = 2.8392403623341E+16
v=v_elettrone : = 13958096.270578
x0= : 1.0664629999915E-12
y0= : -1.0893744428594E-12
*****
i=59132
k(59132)=0.99924344950496
kQ(59132)=0.99848747137857
r1= : 1.5217614827029E-12
rpunto1: = -11659282.90225
rduepunti0 : = -7.0137831325567E+25
fil : = 501.85998531632
fipunto1 : = 5.0705156325194E+18
fi_gradi : = 28754.459065123
t1 : = 1.0812382553981E-14
tpunto1 : = 1.0026589076014
tduepunti0 : = 2.8463561028439E+16
v=v_elettrone : = 13968742.294346
x0= : 1.0661525203995E-12
y0= : -1.0877671688264E-12
```

```
*****
i=59133
k(59133)=0.99924237983401
kQ(59133)=0.99848533365634
r1= : 1.5203940972389E-12
rpunto1 : = -11667519.277905
rduepunti0 : = -7.0229087838688E+25
fil : = 501.86057997977
fipunto1 : = 5.0796279007027E+18
fi_gradi : = 28754.493136828
t1 : = 1.0812382671572E-14
tpunto1 : = 1.0026622541479
tduepunti0 : = 2.853499112538E+16
v=v_elettrone : = 13979406.789296
x0= : 1.0658409889448E-12
y0= : -1.0861588265642E-12
*****
i=59134
k(59134)=0.99924130801181
kQ(59134)=0.99848319163714
r1= : 1.5190257458236E-12
rpunto1 : = -11675766.381554
rduepunti0 : = -7.0320562194504E+25
fil : = 501.86117571189
fipunto1 : = 5.0887712090592E+18
fi_gradi : = 28754.527269765
t1 : = 1.0812382789162E-14
tpunto1 : = 1.0026656091037
tduepunti0 : = 2.8606695327548E+16
v=v_elettrone : = 13990089.815012
x0= : 1.0655284030979E-12
y0= : -1.0845494147851E-12
*****
i=59135
k(59135)=0.99924023403204
kQ(59135)=0.99848104530841
r1= : 1.5176564271987E-12
rpunto1 : = -11684024.238817
rduepunti0 : = -7.0412255023217E+25
fil : = 501.86177251633
fipunto1 : = 5.097945706876E+18
fi_gradi : = 28754.56146414
t1 : = 1.0812382906754E-14
tpunto1 : = 1.0026689725013
tduepunti0 : = 2.8678675057513E+16
v=v_elettrone : = 14000791.430989
x0= : 1.0652147603197E-12
y0= : -1.0829389321988E-12
*****
i=59136
k(59136)=0.99923915788841
kQ(59136)=0.99847889465754
r1= : 1.5162861401031E-12
rpunto1 : = -11692292.875392
rduepunti0 : = -7.0504166956476E+25
fil : = 501.86237039674
fipunto1 : = 5.1071515443645E+18
fi_gradi : = 28754.595720164
t1 : = 1.0812383024346E-14
tpunto1 : = 1.002672344373
tduepunti0 : = 2.8750931747102E+16
v=v_elettrone : = 14011511.696642
x0= : 1.0649000580618E-12
y0= : -1.0813273775123E-12
```

```
*****
i=59137
k(59137)=0.99923807957456
kQ(59137)=0.99847673967185
r1= : 1.5149148832727E-12
rpunto1: = -11700572.317049
rduepunti0 : = -7.0596298627371E+25
fil : = 501.8629693568
fipunto1 : = 5.1163888726685E+18
fi_gradi : = 28754.630038048
t1 : = 1.0812383141938E-14
tpunto1 : = 1.0026757247515
tduepunti0 : = 2.8823466837472E+16
v=v_elettrone : = 14022250.672496
x0= : 1.0645842937659E-12
y0= : -1.0797147494296E-12
*****
i=59138
k(59138)=0.99923699908413
kQ(59138)=0.99847458033866
r1= : 1.5135426554401E-12
rpunto1: = -11708862.589633
rduepunti0 : = -7.0688650670425E+25
fil : = 501.8635694002
fipunto1 : = 5.1256578438707E+18
fi_gradi : = 28754.664418002
t1 : = 1.081238325953E-14
tpunto1 : = 1.0026791136697
tduepunti0 : = 2.8896281779184E+16
v=v_elettrone : = 14033008.418582
x0= : 1.0642674648642E-12
y0= : -1.0781010466522E-12
*****
i=59139
k(59139)=0.99923591641073
kQ(59139)=0.99847241664519
r1= : 1.5121694553352E-12
rpunto1: = -11717163.719064
rduepunti0 : = -7.0781223721584E+25
fil : = 501.86417053066
fipunto1 : = 5.1349586109996E+18
fi_gradi : = 28754.69886024
t1 : = 1.0812383377123E-14
tpunto1 : = 1.0026825111605
tduepunti0 : = 2.8969378032276E+16
v=v_elettrone : = 14043784.996026
x0= : 1.0639495687791E-12
y0= : -1.0764862678787E-12
*****
i=59140
k(59140)=0.99923483154795
kQ(59140)=0.99847024857866
r1= : 1.5107952816846E-12
rpunto1: = -11725475.731335
rduepunti0 : = -7.0874018418212E+25
fil : = 501.86477275189
fipunto1 : = 5.1442913280372E+18
fi_gradi : = 28754.733364976
t1 : = 1.0812383494716E-14
tpunto1 : = 1.0026859172571
tduepunti0 : = 2.9042757066334E+16
v=v_elettrone : = 14054580.46506
x0= : 1.0636306029233E-12
y0= : -1.0748704118049E-12
```

```
*****
i=59141
k(59141)=0.99923374448936
kQ(59141)=0.99846807612622
r1= : 1.5094201332122E-12
rpunto1:= -11733798.652516
rduepunti0 : = -7.0967035399083E+25
fil : = 501.86537606766
fipunto1 : = 5.1536561499259E+18
fi_gradi : = 28754.767932423
t1 : = 1.081238361231E-14
tpunto1 : = 1.0026893319928
tduepunti0 : = 2.9116420360573E+16
v=v_elettrone : = 14065394.887803
x0= : 1.0633105646996E-12
y0= : -1.0732534771241E-12
*****
i=59142
k(59142)=0.99923265522849
kQ(59142)=0.99846589927498
r1= : 1.5080440086384E-12
rpunto1:= -11742132.508752
rduepunti0 : = -7.106027530437E+25
fil : = 501.86598048172
fipunto1 : = 5.163053232576E+18
fi_gradi : = 28754.802562797
t1 : = 1.0812383729904E-14
tpunto1 : = 1.0026927554012
tduepunti0 : = 2.9190369403907E+16
v=v_elettrone : = 14076228.324667
x0= : 1.062989451501E-12
y0= : -1.0716354625263E-12
*****
i=59143
k(59143)=0.99923156375886
kQ(59143)=0.99846371801198
r1= : 1.5066669066808E-12
rpunto1:= -11750477.326261
rduepunti0 : = -7.115373877564E+25
fil : = 501.86658599785
fipunto1 : = 5.1724827328728E+18
fi_gradi : = 28754.837256316
t1 : = 1.0812383847499E-14
tpunto1 : = 1.0026961875159
tduepunti0 : = 2.9264605695026E+16
v=v_elettrone : = 14087080.838349
x0= : 1.0626672607105E-12
y0= : -1.0700163666992E-12
*****
i=59144
k(59144)=0.99923047007398
kQ(59144)=0.99846153232426
r1= : 1.505288826054E-12
rpunto1:= -11758833.131339
rduepunti0 : = -7.1247426455842E+25
fil : = 501.86719261987
fipunto1 : = 5.1819448086843E+18
fi_gradi : = 28754.872013198
t1 : = 1.0812383965093E-14
tpunto1 : = 1.0026996283708
tduepunti0 : = 2.9339130742479E+16
v=v_elettrone : = 14097952.490216
x0= : 1.0623439897014E-12
y0= : -1.0683961883274E-12
```

```
*****
i=59145
k(59145)=0.9992293741673
kQ(59145)=0.99845934219878
r1= : 1.5039097654692E-12
rpunto1 : = -11767199.950356
rduepunti0 : = -7.1341338989303E+25
fil : = 501.86780035159
fipunto1 : = 5.1914396188687E+18
fi_gradi : = 28754.90683366
t1 : = 1.0812384082689E-14
tpunto1 : = 1.002703078
tduepunti0 : = 2.9413946064743E+16
v=v_elettrone : = 14108843.343126
x0= : 1.0620196358365E-12
y0= : -1.066774926093E-12
*****
i=59146
k(59146)=0.99922827603228
kQ(59146)=0.99845714762244
r1= : 1.5025297236349E-12
rpunto1 : = -11775577.809759
rduepunti0 : = -7.1435477021711E+25
fil : = 501.86840919684
fipunto1 : = 5.2009673232816E+18
fi_gradi : = 28754.941717924
t1 : = 1.0812384200284E-14
tpunto1 : = 1.0027065364376
tduepunti0 : = 2.9489053190305E+16
v=v_elettrone : = 14119753.459396
x0= : 1.061694196469E-12
y0= : -1.0651525786749E-12
*****
i=59147
k(59147)=0.99922717566233
kQ(59147)=0.99845494858213
r1= : 1.5011486992561E-12
rpunto1 : = -11783966.736069
rduepunti0 : = -7.1529841200113E+25
fil : = 501.86901915949
fipunto1 : = 5.2105280827842E+18
fi_gradi : = 28754.976666209
t1 : = 1.0812384317881E-14
tpunto1 : = 1.0027100037181
tduepunti0 : = 2.9564453657745E+16
v=v_elettrone : = 14130682.902013
x0= : 1.0613676689416E-12
y0= : -1.0635291447496E-12
*****
i=59148
k(59148)=0.99922607305087
kQ(59148)=0.99845274506466
r1= : 1.4997666910351E-12
rpunto1 : = -11792366.755885
rduepunti0 : = -7.16244321729E+25
fil : = 501.86963024342
fipunto1 : = 5.2201220592504E+18
fi_gradi : = 28755.011678739
t1 : = 1.0812384435477E-14
tpunto1 : = 1.002713479876
tduepunti0 : = 2.9640149015809E+16
v=v_elettrone : = 14141631.734231
x0= : 1.0610400505872E-12
y0= : -1.0619046229904E-12
```

```
*****
i=59149
k(59149)=0.99922496819125
kQ(59149)=0.99845053705681
r1= : 1.4983836976706E-12
rpunto1: = -11800777.895881
rduepunti0 : = -7.1719250589802E+25
fil : = 501.87024245251
fipunto1 : = 5.2297494155753E+18
fi_gradi : = 28755.046755736
t1 : = 1.0812384553074E-14
tpunto1 : = 1.0027169649462
tduepunti0 : = 2.9716140823495E+16
v=v_elettrone : = 14152600.019549
x0= : 1.0607113387281E-12
y0= : -1.060279012068E-12
*****
i=59150
k(59150)=0.99922386107684
kQ(59150)=0.9984483245453
r1= : 1.4969997178587E-12
rpunto1: = -11809200.182808
rduepunti0 : = -7.1814297101873E+25
fil : = 501.87085579069
fipunto1 : = 5.2394103156823E+18
fi_gradi : = 28755.081897425
t1 : = 1.0812384670671E-14
tpunto1 : = 1.0027204589635
tduepunti0 : = 2.9792430650129E+16
v=v_elettrone : = 14163587.821733
x0= : 1.0603815306765E-12
y0= : -1.0586523106503E-12
*****
i=59151
k(59151)=0.99922275170095
kQ(59151)=0.99844610751682
r1= : 1.495614750292E-12
rpunto1: = -11817633.643492
rduepunti0 : = -7.1909572361482E+25
fil : = 501.87147026188
fipunto1 : = 5.2491049245316E+18
fi_gradi : = 28755.117104031
t1 : = 1.0812384788269E-14
tpunto1 : = 1.0027239619632
tduepunti0 : = 2.9869020075453E+16
v=v_elettrone : = 14174595.204787
x0= : 1.0600506237344E-12
y0= : -1.0570245174022E-12
*****
i=59152
k(59152)=0.99922164005689
kQ(59152)=0.99844388595799
r1= : 1.49422879366E-12
rpunto1: = -11826078.304839
rduepunti0 : = -7.2005077022302E+25
fil : = 501.87208587005
fipunto1 : = 5.2588334081276E+18
fi_gradi : = 28755.152375781
t1 : = 1.0812384905867E-14
tpunto1 : = 1.0027274739805
tduepunti0 : = 2.9945910689704E+16
v=v_elettrone : = 14185622.232961
x0= : 1.059718615193E-12
y0= : -1.055395630986E-12
```

```
*****
i=59153
k(59153)=0.99922052613794
kQ(59153)=0.99844165985539
r1= : 1.4928418466492E-12
rpunto1 : = -11834534.193828
rduepunti0 : = -7.2100811739301E+25
fil : = 501.87270261916
fipunto1 : = 5.2685959335278E+18
fi_gradi : = 28755.187712902
t1 : = 1.0812385023466E-14
tpunto1 : = 1.0027309950509
tduepunti0 : = 3.0023104093698E+16
v=v_elettrone : = 14196668.971544
x0= : 1.0593855023335E-12
y0= : -1.0537656500609E-12
*****
i=59154
k(59154)=0.99921940993735
kQ(59154)=0.99843942919555
r1= : 1.4914539079427E-12
rpunto1 : = -11843001.337517
rduepunti0 : = -7.2196777168728E+25
fil : = 501.87332051321
fipunto1 : = 5.2783926688499E+18
fi_gradi : = 28755.223115623
t1 : = 1.0812385141065E-14
tpunto1 : = 1.0027345252101
tduepunti0 : = 3.0100601898914E+16
v=v_elettrone : = 14207735.48486
x0= : 1.0590512824263E-12
y0= : -1.0521345732833E-12
*****
i=59155
k(59155)=0.99921829144835
kQ(59155)=0.99843719396496
r1= : 1.4900649762207E-12
rpunto1 : = -11851479.763041
rduepunti0 : = -7.2292973968101E+25
fil : = 501.8739395562
fipunto1 : = 5.2882237832811E+18
fi_gradi : = 28755.258584174
t1 : = 1.0812385258664E-14
tpunto1 : = 1.0027380644941
tduepunti0 : = 3.0178405727582E+16
v=v_elettrone : = 14218821.838259
x0= : 1.0587159527314E-12
y0= : -1.050502399307E-12
*****
i=59156
k(59156)=0.99921717066414
kQ(59156)=0.99843495415004
r1= : 1.4886750501601E-12
rpunto1 : = -11859969.497612
rduepunti0 : = -7.2389402796198E+25
fil : = 501.87455975218
fipunto1 : = 5.2980894470854E+18
fi_gradi : = 28755.294118786
t1 : = 1.0812385376264E-14
tpunto1 : = 1.0027416129389
tduepunti0 : = 3.0256517212765E+16
v=v_elettrone : = 14229928.097712
x0= : 1.0583795104981E-12
y0= : -1.0488691267826E-12
```

```
*****
i=59157
k(59157)=0.99921604757789
kQ(59157)=0.99843270973718
r1= : 1.4872841284345E-12
rpunto1:= -11868470.568519
rduepunti0 : = -7.2486064313042E+25
fil : = 501.87518110519
fipunto1 : = 5.3079898316126E+18
fi_gradi : = 28755.329719691
t1 : = 1.0812385493864E-14
tpunto1 : = 1.0027451705808
tduepunti0 : = 3.0334937998447E+16
v=v_elettrone : = 14241054.329016
x0= : 1.0580419529649E-12
y0= : -1.047234754358E-12
*****
i=59158
k(59158)=0.99921492218277
kQ(59158)=0.99843046071272
r1= : 1.4858922097143E-12
rpunto1:= -11876983.00313
rduepunti0 : = -7.2582959179887E+25
fil : = 501.8758036193
fipunto1 : = 5.3179251093064E+18
fi_gradi : = 28755.365387122
t1 : = 1.0812385611465E-14
tpunto1 : = 1.0027487374563
tduepunti0 : = 3.0413669739622E+16
v=v_elettrone : = 14252200.598574
x0= : 1.05770327736E-12
y0= : -1.0455992806783E-12
*****
i=59159
k(59159)=0.9992137944719
kQ(59159)=0.99842820706293
r1= : 1.484499292667E-12
rpunto1:= -11885506.828889
rduepunti0 : = -7.2680088059211E+25
fil : = 501.87642729861
fipunto1 : = 5.3278954537133E+18
fi_gradi : = 28755.401121314
t1 : = 1.0812385729066E-14
tpunto1 : = 1.0027523136019
tduepunti0 : = 3.0492714102381E+16
v=v_elettrone : = 14263366.972204
x0= : 1.0573634809005E-12
y0= : -1.0439627043854E-12
*****
i=59160
k(59160)=0.99921266443838
kQ(59160)=0.99842594877405
r1= : 1.4831053759565E-12
rpunto1:= -11894042.073318
rduepunti0 : = -7.2777451614695E+25
fil : = 501.87705214722
fipunto1 : = 5.3379010394907E+18
fi_gradi : = 28755.436922503
t1 : = 1.0812385846667E-14
tpunto1 : = 1.0027558990547
tduepunti0 : = 3.0572072764002E+16
v=v_elettrone : = 14274553.517521
x0= : 1.0570225607927E-12
y0= : -1.0423250241187E-12
```



```
*****
i=59161
k(59161)=0.9992115320753
kQ(59161)=0.99842368583227
r1= : 1.4817104582437E-12
rpunto1 : = -11902588.764019
rduepunti0 : = -7.2875050511216E+25
fil : = 501.87767816928
fipunto1 : = 5.3479420424158E+18
fi_gradi : = 28755.472790925
t1 : = 1.0812385964269E-14
tpunto1 : = 1.0027594938516
tduepunti0 : = 3.0651747413036E+16
v=v_elettrone : = 14285760.301544
x0= : 1.056680514232E-12
y0= : -1.0406862385146E-12
*****
i=59162
k(59162)=0.9992103973757
kQ(59162)=0.99842141822371
r1= : 1.4803145381862E-12
rpunto1 : = -11911146.928669
rduepunti0 : = -7.2972885414828E+25
fil : = 501.87830536894
fipunto1 : = 5.3580186393944E+18
fi_gradi : = 28755.508726818
t1 : = 1.0812386081872E-14
tpunto1 : = 1.0027630980298
tduepunti0 : = 3.0731739749406E+16
v=v_elettrone : = 14296987.39108
x0= : 1.0563373384029E-12
y0= : -1.0390463462064E-12
*****
i=59163
k(59163)=0.99920926033262
kQ(59163)=0.99841914593446
r1= : 1.4789176144384E-12
rpunto1 : = -11919716.595025
rduepunti0 : = -7.3070956992752E+25
fil : = 501.87893375036
fipunto1 : = 5.3681310084699E+18
fi_gradi : = 28755.544730422
t1 : = 1.0812386199474E-14
tpunto1 : = 1.002766711627
tduepunti0 : = 3.081205148449E+16
v=v_elettrone : = 14308234.854725
x0= : 1.0559930304788E-12
y0= : -1.0374053458247E-12
*****
i=59164
k(59164)=0.99920812093905
kQ(59164)=0.99841686895054
r1= : 1.4775196856512E-12
rpunto1 : = -11928297.790924
rduepunti0 : = -7.3169265913357E+25
fil : = 501.87956331775
fipunto1 : = 5.3782793288315E+18
fi_gradi : = 28755.580801976
t1 : = 1.0812386317078E-14
tpunto1 : = 1.0027703346806
tduepunti0 : = 3.0892684341219E+16
v=v_elettrone : = 14319502.76046
x0= : 1.0556475876222E-12
y0= : -1.0357632359972E-12
```

```
*****
i=59165
k(59165)=0.99920697918797
kQ(59165)=0.99841458725794
r1= : 1.4761207504726E-12
rpunto1: = -11936890.544277
rduepunti0 : = -7.326781284615E+25
fil : = 501.88019407532
fipunto1 : = 5.3884637808242E+18
fi_gradi : = 28755.616941723
t1 : = 1.0812386434681E-14
tpunto1 : = 1.0027739672287
tduepunti0 : = 3.0973640054167E+16
v=v_elettrone : = 14330791.176442
x0= : 1.0553010069844E-12
y0= : -1.0341200153486E-12
*****
i=59166
k(59166)=0.99920583507233
kQ(59166)=0.9984123008426
r1= : 1.4747208075471E-12
rpunto1: = -11945494.883079
rduepunti0 : = -7.3366598461755E+25
fil : = 501.88082602732
fipunto1 : = 5.3986845459571E+18
fi_gradi : = 28755.653149905
t1 : = 1.0812386552285E-14
tpunto1 : = 1.0027776093092
tduepunti0 : = 3.1054920369649E+16
v=v_elettrone : = 14342100.171391
x0= : 1.0549532857054E-12
y0= : -1.0324756825006E-12
*****
i=59167
k(59167)=0.99920468858506
kQ(59167)=0.99841000969037
r1= : 1.473319855516E-12
rpunto1: = -11954110.8354
rduepunti0 : = -7.3465623431902E+25
fil : = 501.88145917798
fipunto1 : = 5.4089418069127E+18
fi_gradi : = 28755.689426766
t1 : = 1.081238666989E-14
tpunto1 : = 1.0027812609604
tduepunti0 : = 3.1136527045813E+16
v=v_elettrone : = 14353429.814607
x0= : 1.0546044209141E-12
y0= : -1.0308302360723E-12
*****
i=59168
k(59168)=0.99920353971906
kQ(59168)=0.9984077137871
r1= : 1.4719178930173E-12
rpunto1: = -11962738.42939
rduepunti0 : = -7.356488842941E+25
fil : = 501.88209353161
fipunto1 : = 5.4192357475566E+18
fi_gradi : = 28755.725772551
t1 : = 1.0812386787495E-14
tpunto1 : = 1.0027849222208
tduepunti0 : = 3.1218461852736E+16
v=v_elettrone : = 14364780.17554
x0= : 1.0542544097281E-12
y0= : -1.0291836746795E-12
```

```
*****
i=59169
k(59169)=0.9992023884672
kQ(59169)=0.99840541311856
r1= : 1.4705149186857E-12
rpunto1:= -11971377.693279
rduepunti0 : = -7.3664394128168E+25
fil : = 501.8827290925
fipunto1 : = 5.4295665529461E+18
fi_gradi : = 28755.762187508
t1 : = 1.08123869051E-14
tpunto1 : = 1.0027885931291
tduepunti0 : = 3.1300726572523E+16
v=v_elettrone : = 14376151.3234
x0= : 1.0539032492534E-12
y0= : -1.0275359969353E-12
*****
i=59170
k(59170)=0.99920123482233
kQ(59170)=0.99840310767046
r1= : 1.4691109311524E-12
rpunto1:= -11980028.655374
rduepunti0 : = -7.376414120312E+25
fil : = 501.88336586497
fipunto1 : = 5.4399344093404E+18
fi_gradi : = 28755.798671883
t1 : = 1.0812387022706E-14
tpunto1 : = 1.0027922737242
tduepunti0 : = 3.1383322999404E+16
v=v_elettrone : = 14387543.32914
x0= : 1.0535509365848E-12
y0= : -1.0258872014498E-12
*****
i=59171
k(59171)=0.99920007877726
kQ(59171)=0.99840079742849
r1= : 1.4677059290456E-12
rpunto1:= -11988691.344063
rduepunti0 : = -7.3864130330248E+25
fil : = 501.88400385337
fipunto1 : = 5.4503395042094E+18
fi_gradi : = 28755.835225926
t1 : = 1.0812387140312E-14
tpunto1 : = 1.0027959640452
tduepunti0 : = 3.1466252939833E+16
v=v_elettrone : = 14398956.262658
x0= : 1.0531974688056E-12
y0= : -1.0242372868301E-12
*****
i=59172
k(59172)=0.9991989203248
kQ(59172)=0.99839848237825
r1= : 1.46629991099E-12
rpunto1:= -11997365.787813
rduepunti0 : = -7.3964362186554E+25
fil : = 501.88464306206
fipunto1 : = 5.4607820262437E+18
fi_gradi : = 28755.871849886
t1 : = 1.0812387257918E-14
tpunto1 : = 1.0027996641315
tduepunti0 : = 3.1549518212586E+16
v=v_elettrone : = 14410390.194798
x0= : 1.0528428429875E-12
y0= : -1.0225862516804E-12
```

```
*****
i=59173
k(59173)=0.99919775945771
kQ(59173)=0.99839616250531
r1= : 1.464892875607E-12
rpunto1 : = -12006052.015171
rduepunto10 : = -7.4064837450042E+25
fil : = 501.88528349545
fipunto1 : = 5.4712621653644E+18
fi_grad1 : = 28755.908544016
t1 : = 1.0812387375525E-14
tpunto1 : = 1.0028033740226
tduepunto10 : = 3.1633120648863E+16
v=v_elettrone : = 14421845.196915
x0= : 1.0524870561906E-12
y0= : -1.0209340946019E-12
*****
i=59174
k(59174)=0.99919659616874
kQ(59174)=0.99839383779519
r1= : 1.4634848215146E-12
rpunto1 : = -12014750.054763
rduepunto10 : = -7.41655567997E+25
fil : = 501.88592515792
fipunto1 : = 5.4817801127322E+18
fi_grad1 : = 28755.945308568
t1 : = 1.0812387493133E-14
tpunto1 : = 1.0028070937582
tduepunto10 : = 3.1717062092391E+16
v=v_elettrone : = 14433321.339723
x0= : 1.0521301054633E-12
y0= : -1.019280814193E-12
*****
i=59175
k(59175)=0.9991954304506
kQ(59175)=0.99839150823335
r1= : 1.4620757473275E-12
rpunto1 : = -12023459.935294
rduepunto10 : = -7.426652091548E+25
fil : = 501.88656805393
fipunto1 : = 5.4923360607582E+18
fi_grad1 : = 28755.982143796
t1 : = 1.0812387610741E-14
tpunto1 : = 1.0028108233783
tduepunto10 : = 3.1801344399524E+16
v=v_elettrone : = 14444818.695626
x0= : 1.0517719878424E-12
y0= : -1.0176264090489E-12
*****
i=59176
k(59176)=0.99919426229597
kQ(59176)=0.9983891738052
r1= : 1.460665651657E-12
rpunto1 : = -12032181.685551
rduepunto10 : = -7.436773047828E+25
fil : = 501.88721218793
fipunto1 : = 5.5029302031131E+18
fi_grad1 : = 28756.019049955
t1 : = 1.0812387728349E-14
tpunto1 : = 1.0028145629231
tduepunto10 : = 3.1885969439348E+16
v=v_elettrone : = 14456337.336744
x0= : 1.0514127003526E-12
y0= : -1.015970877762E-12
```

```
*****
i=59177
k(59177)=0.99919309169753
kQ(59177)=0.99838683449608
r1= : 1.4592545331109E-12
rpunto1 : = -12040915.334398
rduepunti0 : = -7.4469186169923E+25
fil : = 501.88785756439
fipunto1 : = 5.5135627347376E+18
fi_gradi : = 28756.056027303
t1 : = 1.0812387845958E-14
tpunto1 : = 1.0028183124331
tduepunti0 : = 3.1970939093786E+16
v=v_elettrone : = 14467877.334927
x0= : 1.051052240007E-12
y0= : -1.0143142189216E-12
*****
i=59178
k(59178)=0.99919191864791
kQ(59178)=0.9983844902913
r1= : 1.457842390294E-12
rpunto1 : = -12049660.910782
rduepunti0 : = -7.4570888673137E+25
fil : = 501.88850418783
fipunto1 : = 5.5242338518524E+18
fi_gradi : = 28756.093076096
t1 : = 1.0812387963567E-14
tpunto1 : = 1.0028220719488
tduepunti0 : = 3.2056255257701E+16
v=v_elettrone : = 14479438.7637
x0= : 1.0506906038067E-12
y0= : -1.0126564311142E-12
*****
i=59179
k(59179)=0.99919074313972
kQ(59179)=0.99838214117611
r1= : 1.4564292218073E-12
rpunto1 : = -12058418.443729
rduepunti0 : = -7.4672838671537E+25
fil : = 501.88915206275
fipunto1 : = 5.5349437519687E+18
fi_gradi : = 28756.130196595
t1 : = 1.0812388081177E-14
tpunto1 : = 1.0028258415112
tduepunti0 : = 3.2141919839005E+16
v=v_elettrone : = 14491021.6959
x0= : 1.0503277887409E-12
y0= : -1.0109975129232E-12
*****
i=59180
k(59180)=0.99918956516554
kQ(59180)=0.9983797871357
r1= : 1.4550150262486E-12
rpunto1 : = -12067187.962345
rduepunti0 : = -7.4775036849601E+25
fil : = 501.88980119372
fipunto1 : = 5.545692633898E+18
fi_gradi : = 28756.16738906
t1 : = 1.0812388198787E-14
tpunto1 : = 1.0028296211612
tduepunti0 : = 3.2227934758767E+16
v=v_elettrone : = 14502626.205241
x0= : 1.0499637917864E-12
y0= : -1.0093374629289E-12
```

```
*****
i=59181
k(59181)=0.99918838471792
kQ(59181)=0.99837742815521
r1= : 1.4535998022122E-12
rpunto1 : = -12075969.495816
rduepunti0 : = -7.4877483892649E+25
fil : = 501.89045158531
fipunto1 : = 5.5564806977633E+18
fi_gradi : = 28756.204653753
t1 : = 1.0812388316397E-14
tpunto1 : = 1.0028334109403
tduepunti0 : = 3.2314301951319E+16
v=v_elettrone : = 14514252.365534
x0= : 1.0495986099084E-12
y0= : -1.0076762797087E-12
*****
i=59182
k(59182)=0.9991872017894
kQ(59182)=0.99837506421973
r1= : 1.452183548289E-12
rpunto1 : = -12084763.073409
rduepunti0 : = -7.4980180486821E+25
fil : = 501.89110324211
fipunto1 : = 5.5673081450089E+18
fi_gradi : = 28756.241990937
t1 : = 1.0812388434008E-14
tpunto1 : = 1.00283721089
tduepunti0 : = 3.2401023364368E+16
v=v_elettrone : = 14525900.25066
x0= : 1.0492322400594E-12
y0= : -1.006013961837E-12
*****
i=59183
k(59183)=0.99918601637247
kQ(59183)=0.99837269531428
r1= : 1.4507662630665E-12
rpunto1 : = -12093568.724472
rduepunti0 : = -7.5083127319056E+25
fil : = 501.89175616873
fipunto1 : = 5.5781751784113E+18
fi_gradi : = 28756.279400877
t1 : = 1.081238855162E-14
tpunto1 : = 1.0028410210521
tduepunti0 : = 3.2488100959105E+16
v=v_elettrone : = 14537569.935755
x0= : 1.0488646791801E-12
y0= : -1.0043505078854E-12
*****
i=59184
k(59184)=0.99918482845961
kQ(59184)=0.99837032142385
r1= : 1.4493479451288E-12
rpunto1 : = -12102386.478434
rduepunti0 : = -7.5186325077069E+25
fil : = 501.89241036983
fipunto1 : = 5.5890820020902E+18
fi_gradi : = 28756.316883839
t1 : = 1.0812388669232E-14
tpunto1 : = 1.0028448414684
tduepunti0 : = 3.2575536710319E+16
v=v_elettrone : = 14549261.495248
x0= : 1.0484959241985E-12
y0= : -1.0026859164221E-12
```

```
*****
i=59185
k(59185)=0.99918363804326
kQ(59185)=0.99836794253336
r1= : 1.4479285930564E-12
rpunto1 : = -12111216.364802
rduepunti0 : = -7.5289774449324E+25
fil : = 501.89306585006
fipunto1 : = 5.600028821519E+18
fi_gradi : = 28756.35444009
t1 : = 1.0812388786844E-14
tpunto1 : = 1.0028486721814
tduepunti0 : = 3.2663332606505E+16
v=v_elettrone : = 14560975.004802
x0= : 1.0481259720303E-12
y0= : -1.0010201860125E-12
*****
i=59186
k(59186)=0.99918244511584
kQ(59186)=0.99836555862767
r1= : 1.4465082054265E-12
rpunto1 : = -12120058.413168
rduepunti0 : = -7.5393476125015E+25
fil : = 501.89372261412
fipunto1 : = 5.6110158435358E+18
fi_gradi : = 28756.392069899
t1 : = 1.0812388904457E-14
tpunto1 : = 1.0028525132334
tduepunti0 : = 3.2751490649984E+16
v=v_elettrone : = 14572710.540127
x0= : 1.047754819579E-12
y0= : -9.9935331521906E-13
*****
i=59187
k(59187)=0.99918124966975
kQ(59187)=0.9983631696916
r1= : 1.4450867808127E-12
rpunto1 : = -12128912.653201
rduepunti0 : = -7.5497430794039E+25
fil : = 501.89438066673
fipunto1 : = 5.6220432763543E+18
fi_gradi : = 28756.429773536
t1 : = 1.081238902207E-14
tpunto1 : = 1.0028563646672
tduepunti0 : = 3.2840012857016E+16
v=v_elettrone : = 14584468.177389
x0= : 1.0473824637352E-12
y0= : -9.9768530260102E-13
*****
i=59188
k(59188)=0.99918005169735
kQ(59188)=0.99836077570991
r1= : 1.4436643177852E-12
rpunto1 : = -12137779.114654
rduepunti0 : = -7.5601639146971E+25
fil : = 501.89504001262
fipunto1 : = 5.6331113295755E+18
fi_gradi : = 28756.467551273
t1 : = 1.0812389139684E-14
tpunto1 : = 1.0028602265257
tduepunti0 : = 3.2928901257912E+16
v=v_elettrone : = 14596247.992399
x0= : 1.0470089013772E-12
y0= : -9.9601614671467E-13
```

```
*****
i=59189
k(59189)=0.99917885119096
kQ(59189)=0.99835837666729
r1= : 1.4422408149107E-12
rpunto1:= -12146657.827359
rduepunti0 : = -7.5706101875039E+25
fil : = 501.89570065655
fipunto1 : = 5.6442202141982E+18
fi_gradi : = 28756.505403382
t1 : = 1.0812389257298E-14
tpunto1 : = 1.0028640988522
tduepunti0 : = 3.3018157897156E+16
v=v_elettrone : = 14608050.06257
x0= : 1.0466341293706E-12
y0= : -9.9434584611334E-13
*****
i=59190
k(59190)=0.99917764814291
kQ(59190)=0.9983559725484
r1= : 1.4408162707523E-12
rpunto1:= -12155548.821231
rduepunti0 : = -7.5810819670096E+25
fil : = 501.89636260333
fipunto1 : = 5.655370142631E+18
fi_gradi : = 28756.543330138
t1 : = 1.0812389374912E-14
tpunto1 : = 1.0028679816899
tduepunti0 : = 3.3107784833524E+16
v=v_elettrone : = 14619874.464954
x0= : 1.046258144568E-12
y0= : -9.9267439934722E-13
*****
i=59191
k(59191)=0.99917644254547
kQ(59191)=0.99835356333782
r1= : 1.4393906838698E-12
rpunto1:= -12164452.126263
rduepunti0 : = -7.59157932246E+25
fil : = 501.89702585775
fipunto1 : = 5.6665613287032E+18
fi_gradi : = 28756.581331817
t1 : = 1.0812389492528E-14
tpunto1 : = 1.0028718750826
tduepunti0 : = 3.3197784140198E+16
v=v_elettrone : = 14631721.277409
x0= : 1.0458809438094E-12
y0= : -9.9100180496348E-13
*****
i=59192
k(59192)=0.99917523439089
kQ(59192)=0.99835114902009
r1= : 1.4379640528194E-12
rpunto1:= -12173367.772534
rduepunti0 : = -7.6021023231577E+25
fil : = 501.89769042466
fipunto1 : = 5.6777939876769E+18
fi_gradi : = 28756.619408696
t1 : = 1.0812389610143E-14
tpunto1 : = 1.0028757790743
tduepunti0 : = 3.3288157904892E+16
v=v_elettrone : = 14643590.577038
x0= : 1.0455025239222E-12
y0= : -9.893280615062E-13
```



```
*****
i=59193
k(59193)=0.9991740236714
kQ(59193)=0.99834872957969
r1= : 1.4365363761536E-12
rpunto1 : = -12182295.790199
rduepunti0 : = -7.6126510384602E+25
fil : = 501.89835630892
fipunto1 : = 5.6890683362582E+18
fi_gradi : = 28756.657561054
t1 : = 1.0812389727759E-14
tpunto1 : = 1.002879693709
tduepunti0 : = 3.3378908229972E+16
v=v_elettrone : = 14655482.44289
x0= : 1.0451228817203E-12
y0= : -9.8765316751652E-13
*****
i=59194
k(59194)=0.99917281037919
kQ(59194)=0.99834630500104
r1= : 1.4351076524215E-12
rpunto1 : = -12191236.2095
rduepunti0 : = -7.6232255377767E+25
fil : = 501.89902351542
fipunto1 : = 5.7003845926096E+18
fi_gradi : = 28756.695789171
t1 : = 1.0812389845375E-14
tpunto1 : = 1.0028836190313
tduepunti0 : = 3.3470037232577E+16
v=v_elettrone : = 14667396.953246
x0= : 1.0447420140049E-12
y0= : -9.8597712153243E-13
*****
i=59195
k(59195)=0.99917159450642
kQ(59195)=0.99834387526851
r1= : 1.4336778801688E-12
rpunto1 : = -12200189.060755
rduepunti0 : = -7.633825890565E+25
fil : = 501.89969204907
fipunto1 : = 5.7117429763611E+18
fi_gradi : = 28756.734093328
t1 : = 1.0812389962992E-14
tpunto1 : = 1.0028875550857
tduepunti0 : = 3.3561547044747E+16
v=v_elettrone : = 14679334.187555
x0= : 1.0443599175641E-12
y0= : -9.8429992208891E-13
*****
i=59196
k(59196)=0.99917037604525
kQ(59196)=0.99834144036641
r1= : 1.4322470579373E-12
rpunto1 : = -12209154.374369
rduepunti0 : = -7.6444521663291E+25
fil : = 501.90036191483
fipunto1 : = 5.7231437086231E+18
fi_gradi : = 28756.772473808
t1 : = 1.081239008061E-14
tpunto1 : = 1.0028915019171
tduepunti0 : = 3.3653439813547E+16
v=v_elettrone : = 14691294.225261
x0= : 1.0439765891728E-12
y0= : -9.8262156771781E-13
```

```
*****
i=59197
k(59197)=0.99916915498777
kQ(59197)=0.99833900027898
r1= : 1.4308151842656E-12
rpunto1 : = -12218132.180823
rduepunti0 : = -7.6551044346157E+25
fil : = 501.90103311764
fipunto1 : = 5.7345870119979E+18
fi_gradi : = 28756.810930897
t1 : = 1.0812390198227E-14
tpunto1 : = 1.0028954595708
tduepunti0 : = 3.3745717701192E+16
v=v_elettrone : = 14703277.146163
x0= : 1.0435920255928E-12
y0= : -9.8094205694794E-13
*****
i=59198
k(59198)=0.99916793132608
kQ(59198)=0.99833655499043
r1= : 1.4293822576885E-12
rpunto1 : = -12227122.510683
rduepunti0 : = -7.6657827650116E+25
fil : = 501.90170566251
fipunto1 : = 5.7460731105921E+18
fi_gradi : = 28756.849464879
t1 : = 1.0812390315846E-14
tpunto1 : = 1.0028994280921
tduepunti0 : = 3.3838382885176E+16
v=v_elettrone : = 14715283.030441
x0= : 1.0432062235723E-12
y0= : -9.7926138830502E-13
*****
i=59199
k(59199)=0.99916670505221
kQ(59199)=0.9983341044849
r1= : 1.4279482767372E-12
rpunto1 : = -12236125.394597
rduepunti0 : = -7.6764872271399E+25
fil : = 501.90237955446
fipunto1 : = 5.7576022300293E+18
fi_gradi : = 28756.888076044
t1 : = 1.0812390433464E-14
tpunto1 : = 1.0029034075268
tduepunti0 : = 3.3931437558401E+16
v=v_elettrone : = 14727311.958632
x0= : 1.0428191798463E-12
y0= : -9.7757956031172E-13
*****
i=59200
k(59200)=0.99916547615821
kQ(59200)=0.99833164874646
r1= : 1.4265132399395E-12
rpunto1 : = -12245140.863293
rduepunti0 : = -7.6872178906577E+25
fil : = 501.90305479853
fipunto1 : = 5.7691745974621E+18
fi_gradi : = 28756.926764679
t1 : = 1.0812390551084E-14
tpunto1 : = 1.0029073979207
tduepunti0 : = 3.402488392931E+16
v=v_elettrone : = 14739364.012394
x0= : 1.0424308911364E-12
y0= : -9.7589657148764E-13
```

```
*****
i=59201
k(59201)=0.99916424463606
kQ(59201)=0.99832918775914
r1= : 1.4250771458194E-12
rpunto1 : = -12254168.947581
rduepunti0 : = -7.697974825252E+25
fil : = 501.90373139978
fipunto1 : = 5.7807904415852E+18
fi_gradi : = 28756.965531075
t1 : = 1.0812390668703E-14
tpunto1 : = 1.0029113993201
tduepunti0 : = 3.4118724222015E+16
v=v_elettrone : = 14751439.272948
x0= : 1.0420413541506E-12
y0= : -9.742124203492E-13
*****
i=59202
k(59202)=0.99916301047772
kQ(59202)=0.99832672150691
r1= : 1.4236399928973E-12
rpunto1 : = -12263209.678353
rduepunti0 : = -7.708758100637E+25
fil : = 501.90440936333
fipunto1 : = 5.7924499926476E+18
fi_gradi : = 28757.004375525
t1 : = 1.0812390786323E-14
tpunto1 : = 1.0029154117714
tduepunti0 : = 3.421296067643E+16
v=v_elettrone : = 14763537.821866
x0= : 1.0416505655833E-12
y0= : -9.7252710540977E-13
*****
i=59203
k(59203)=0.99916177367515
kQ(59203)=0.99832424997367
r1= : 1.4222017796902E-12
rpunto1 : = -12272263.086584
rduepunti0 : = -7.7195677865503E+25
fil : = 501.9050886943
fipunto1 : = 5.8041534824662E+18
fi_gradi : = 28757.043298323
t1 : = 1.0812390903944E-14
tpunto1 : = 1.0029194353214
tduepunti0 : = 3.4307595548408E+16
v=v_elettrone : = 14775659.741428
x0= : 1.0412585221152E-12
y0= : -9.7084062517968E-13
*****
i=59204
k(59204)=0.99916053422024
kQ(59204)=0.99832177314327
r1= : 1.4207625047112E-12
rpunto1 : = -12281329.203329
rduepunti0 : = -7.7304039527498E+25
fil : = 501.90576939784
fipunto1 : = 5.8159011444379E+18
fi_gradi : = 28757.082299762
t1 : = 1.0812391021565E-14
tpunto1 : = 1.002923470017
tduepunti0 : = 3.4402631109876E+16
v=v_elettrone : = 14787805.115002
x0= : 1.0408652204132E-12
y0= : -9.6915297816613E-13
```

```
*****
i=59205
k(59205)=0.99915929210488
kQ(59205)=0.99831929099952
r1= : 1.4193221664699E-12
rpunto1 : = -12290408.059726
rduepunti0 : = -7.7412666690097E+25
fil : = 501.90645147912
fipunto1 : = 5.8276932135535E+18
fi_gradi : = 28757.121380141
t1 : = 1.0812391139187E-14
tpunto1 : = 1.0029275159056
tduepunti0 : = 3.449806964897E+16
v=v_elettrone : = 14799974.025117
x0= : 1.0404706571304E-12
y0= : -9.6746416287315E-13
*****
i=59206
k(59206)=0.99915804732091
kQ(59206)=0.99831680352613
r1= : 1.4178807634721E-12
rpunto1 : = -12299499.686994
rduepunti0 : = -7.7521560051175E+25
fil : = 501.90713494337
fipunto1 : = 5.8395299264105E+18
fi_gradi : = 28757.160539758
t1 : = 1.0812391256809E-14
tpunto1 : = 1.0029315730345
tduepunti0 : = 3.4593913470175E+16
v=v_elettrone : = 14812166.555764
x0= : 1.0400748289061E-12
y0= : -9.6577417780171E-13
*****
i=59207
k(59207)=0.99915679986016
kQ(59207)=0.99831431070679
r1= : 1.4164382942202E-12
rpunto1 : = -12308604.116434
rduepunti0 : = -7.7630720308699E+25
fil : = 501.90781979581
fipunto1 : = 5.8514115212266E+18
fi_gradi : = 28757.199778912
t1 : = 1.0812391374431E-14
tpunto1 : = 1.0029356414517
tduepunti0 : = 3.4690164894465E+16
v=v_elettrone : = 14824382.790457
x0= : 1.0396777323655E-12
y0= : -9.6408302144964E-13
*****
i=59208
k(59208)=0.99915554971441
kQ(59208)=0.99831181252511
r1= : 1.4149947572127E-12
rpunto1 : = -12317721.37943
rduepunti0 : = -7.7740148160693E+25
fil : = 501.9085060417
fipunto1 : = 5.8633382378531E+18
fi_gradi : = 28757.239097906
t1 : = 1.0812391492054E-14
tpunto1 : = 1.0029397212053
tduepunti0 : = 3.4786826259442E+16
v=v_elettrone : = 14836622.813398
x0= : 1.0392793641198E-12
y0= : -9.6239069231169E-13
```

```
*****
i=59209
k(59209)=0.99915429687544
kQ(59209)=0.99830930896465
r1= : 1.4135501509445E-12
rpunto1 : = -12326851.507446
rduepunti0 : = -7.7849844305197E+25
fil : = 501.90919368635
fipunto1 : = 5.8753103177888E+18
fi_gradi : = 28757.278497042
t1 : = 1.0812391609678E-14
tpunto1 : = 1.0029438123435
tduepunti0 : = 3.4883899919482E+16
v=v_elettrone : = 14848886.710201
x0= : 1.0388797207657E-12
y0= : -9.6069718887952E-13
*****
i=59210
k(59210)=0.99915304133496
kQ(59210)=0.99830680000891
r1= : 1.4121044739068E-12
rpunto1 : = -12335994.532029
rduepunti0 : = -7.7959809440232E+25
fil : = 501.90988273507
fipunto1 : = 5.8873280041936E+18
fi_gradi : = 28757.317976626
t1 : = 1.0812391727302E-14
tpunto1 : = 1.002947914915
tduepunti0 : = 3.4981388245873E+16
v=v_elettrone : = 14861174.565628
x0= : 1.0384787988863E-12
y0= : -9.5900250964154E-13
*****
i=59211
k(59211)=0.99915178308469
kQ(59211)=0.99830428564132
r1= : 1.4106577245871E-12
rpunto1 : = -12345150.484809
rduepunti0 : = -7.8070044263758E+25
fil : = 501.9105731932
fipunto1 : = 5.8993915419021E+18
fi_gradi : = 28757.357536963
t1 : = 1.0812391844926E-14
tpunto1 : = 1.0029520289687
tduepunti0 : = 3.5079293626967E+16
v=v_elettrone : = 14873486.465069
x0= : 1.0380765950499E-12
y0= : -9.5730665308312E-13
*****
i=59212
k(59212)=0.9991505221163
kQ(59212)=0.99830176584527
r1= : 1.4092099014693E-12
rpunto1 : = -12354319.397495
rduepunti0 : = -7.8180549473634E+25
fil : = 501.91126506614
fipunto1 : = 5.9115011774384E+18
fi_gradi : = 28757.397178362
t1 : = 1.0812391962551E-14
tpunto1 : = 1.0029561545538
tduepunti0 : = 3.5177618468324E+16
v=v_elettrone : = 14885822.495333
x0= : 1.0376731058105E-12
y0= : -9.556096176865E-13
```

```
*****
i=59213
k(59213)=0.99914925842142
kQ(59213)=0.99829924060408
r1= : 1.4077610030333E-12
rpunto1 : = -12363501.30188
rduepunti0 : = -7.8291325767577E+25
fil : = 501.91195835927
fipunto1 : = 5.9236571590294E+18
fi_gradi : = 28757.436901132
t1 : = 1.0812392080176E-14
tpunto1 : = 1.0029602917198
tduepunti0 : = 3.5276365192857E+16
v=v_elettrone : = 14898182.742333
x0= : 1.0372683277077E-12
y0= : -9.5391140193071E-13
*****
i=59214
k(59214)=0.99914799199168
kQ(59214)=0.99829670990101
r1= : 1.4063110277556E-12
rpunto1 : = -12372696.229839
rduepunti0 : = -7.840237384312E+25
fil : = 501.91265307804
fipunto1 : = 5.9358597366197E+18
fi_gradi : = 28757.476705586
t1 : = 1.0812392197802E-14
tpunto1 : = 1.0029644405165
tduepunti0 : = 3.5375536240988E+16
v=v_elettrone : = 14910567.292979
x0= : 1.0368622572667E-12
y0= : -9.5221200429172E-13
*****
i=59215
k(59215)=0.99914672281865
kQ(59215)=0.99829417371926
r1= : 1.4048599741088E-12
rpunto1 : = -12381904.213326
rduepunti0 : = -7.8513694397569E+25
fil : = 501.91334922791
fipunto1 : = 5.9481091618861E+18
fi_gradi : = 28757.516592035
t1 : = 1.0812392315429E-14
tpunto1 : = 1.0029686009939
tduepunti0 : = 3.5475134070794E+16
v=v_elettrone : = 14922976.235187
x0= : 1.0364548909976E-12
y0= : -9.5051142324236E-13
*****
i=59216
k(59216)=0.99914545089389
kQ(59216)=0.99829163204196
r1= : 1.4034078405617E-12
rpunto1 : = -12391125.284381
rduepunti0 : = -7.8625288127959E+25
fil : = 501.91404681438
fipunto1 : = 5.9604056882516E+18
fi_gradi : = 28757.556560796
t1 : = 1.0812392433055E-14
tpunto1 : = 1.0029727732023
tduepunti0 : = 3.5575161158162E+16
v=v_elettrone : = 14935409.656715
x0= : 1.0360462253963E-12
y0= : -9.4880965725224E-13
```

```
*****
i=59217
k(59217)=0.99914417620892
kQ(59217)=0.9982890848522
r1= : 1.4019546255795E-12
rpunto1: = -12400359.475122
rduepunti0 : = -7.8737155731012E+25
fil : = 501.91474584298
fipunto1 : = 5.972749570901E+18
fi_gradi : = 28757.596612184
t1 : = 1.0812392550683E-14
tpunto1 : = 1.0029769571924
tduepunti0 : = 3.5675619996942E+16
v=v_elettrone : = 14947867.64553
x0= : 1.0356362569435E-12
y0= : -9.4710670478783E-13
*****
i=59218
k(59218)=0.99914289875523
kQ(59218)=0.99828653213301
r1= : 1.4005003276234E-12
rpunto1: = -12409606.81775
rduepunti0 : = -7.8849297903089E+25
fil : = 501.91544631924
fipunto1 : = 5.9851410667949E+18
fi_gradi : = 28757.636746518
t1 : = 1.0812392668311E-14
tpunto1 : = 1.0029811530151
tduepunti0 : = 3.5776513099104E+16
v=v_elettrone : = 14960350.2902
x0= : 1.0352249821053E-12
y0= : -9.4540256431251E-13
*****
i=59219
k(59219)=0.99914161852428
kQ(59219)=0.99828397386733
r1= : 1.399044945151E-12
rpunto1: = -12418867.344548
rduepunti0 : = -7.8961715340143E+25
fil : = 501.91614824876
fipunto1 : = 5.9975804346855E+18
fi_gradi : = 28757.676964117
t1 : = 1.0812392785939E-14
tpunto1 : = 1.0029853607216
tduepunti0 : = 3.5877842994897E+16
v=v_elettrone : = 14972857.680628
x0= : 1.0348123973326E-12
y0= : -9.4369723428651E-13
*****
i=59220
k(59220)=0.99914033550751
kQ(59220)=0.99828141003806
r1= : 1.3975884766162E-12
rpunto1: = -12428141.087881
rduepunti0 : = -7.9074408737677E+25
fil : = 501.91685163716
fipunto1 : = 6.0100679351315E+18
fi_gradi : = 28757.717265303
t1 : = 1.0812392903568E-14
tpunto1 : = 1.0029895803635
tduepunti0 : = 3.5979612233003E+16
v=v_elettrone : = 14985389.906153
x0= : 1.0343984990612E-12
y0= : -9.419907131668E-13
```

```
*****
i=59221
k(59221)=0.99913904969631
kQ(59221)=0.99827884062805
r1= : 1.3961309204689E-12
rpunto1 : = -12437428.080194
rduerpunti0 : = -7.918737879069E+25
fil : = 501.91755649008
fipunto1 : = 6.0226038305131E+18
fi_gradi : = 28757.7576504
t1 : = 1.0812393021197E-14
tpunto1 : = 1.0029938119926
tduerpunti0 : = 3.6081823380701E+16
v=v_elettrone : = 14997947.057042
x0= : 1.0339832837121E-12
y0= : -9.4028299940725E-13
*****
i=59222
k(59222)=0.99913776108206
kQ(59222)=0.99827626562007
r1= : 1.3946722751552E-12
rpunto1 : = -12446728.354014
rduerpunti0 : = -7.9300626193631E+25
fil : = 501.91826281318
fipunto1 : = 6.0351883850482E+18
fi_gradi : = 28757.798119733
t1 : = 1.0812393138827E-14
tpunto1 : = 1.0029980556611
tduerpunti0 : = 3.618447902403E+16
v=v_elettrone : = 15010529.223377
x0= : 1.0335667476908E-12
y0= : -9.3857409145852E-13
*****
i=59223
k(59223)=0.99913646965609
kQ(59223)=0.99827368499684
r1= : 1.3932125391176E-12
rpunto1 : = -12456041.941951
rduerpunti0 : = -7.941415164035E+25
fil : = 501.91897061219
fipunto1 : = 6.0478218648073E+18
fi_gradi : = 28757.838673629
t1 : = 1.0812393256457E-14
tpunto1 : = 1.0030023114212
tduerpunti0 : = 3.628758176795E+16
v=v_elettrone : = 15023136.496524
x0= : 1.0331488873874E-12
y0= : -9.3686398776818E-13
*****
i=59224
k(59224)=0.99913517540971
kQ(59224)=0.998271098741
r1= : 1.3917517107946E-12
rpunto1 : = -12465368.876693
rduerpunti0 : = -7.9527955824045E+25
fil : = 501.91967989284
fipunto1 : = 6.0605045377302E+18
fi_gradi : = 28757.879312417
t1 : = 1.0812393374088E-14
tpunto1 : = 1.0030065793259
tduerpunti0 : = 3.6391134236509E+16
v=v_elettrone : = 15035768.9684
x0= : 1.0327296991767E-12
y0= : -9.3515268678058E-13
```



```
*****
i=59225
k(59225)=0.99913387833421
kQ(59225)=0.99826850683516
r1= : 1.3902897886208E-12
rpunto1 : = -12474709.191012
rduepunti0 : = -7.9642039437214E+25
fil : = 501.92039066089
fipunto1 : = 6.0732366736408E+18
fi_gradi : = 28757.920036427
t1 : = 1.0812393491719E-14
tpunto1 : = 1.0030108594281
tduepunti0 : = 3.6495139073011E+16
v=v_elettrone : = 15048426.730297
x0= : 1.0323091794181E-12
y0= : -9.3344018693685E-13
*****
i=59226
k(59226)=0.99913257842082
kQ(59226)=0.99826590926183
r1= : 1.3888267710272E-12
rpunto1 : = -12484062.917761
rduepunti0 : = -7.9756403171596E+25
fil : = 501.92110292215
fipunto1 : = 6.0860185442644E+18
fi_gradi : = 28757.960845991
t1 : = 1.0812393609351E-14
tpunto1 : = 1.0030151517813
tduepunti0 : = 3.6599598940181E+16
v=v_elettrone : = 15061109.874787
x0= : 1.0318873244553E-12
y0= : -9.3172648667502E-13
*****
i=59227
k(59227)=0.99913127566076
kQ(59227)=0.9982633060035
r1= : 1.3873626564407E-12
rpunto1 : = -12493430.089873
rduepunti0 : = -7.9871047718124E+25
fil : = 501.92181668245
fipunto1 : = 6.0988504232432E+18
fi_gradi : = 28758.001741444
t1 : = 1.0812393726983E-14
tpunto1 : = 1.003019456439
tduepunti0 : = 3.6704516520342E+16
v=v_elettrone : = 15073818.495331
x0= : 1.0314641306163E-12
y0= : -9.3001158442993E-13
*****
i=59228
k(59228)=0.99912997004522
kQ(59228)=0.99826069704256
r1= : 1.3858974432846E-12
rpunto1 : = -12502810.740361
rduepunti0 : = -7.9985973766866E+25
fil : = 501.92253194766
fipunto1 : = 6.111732586153E+18
fi_gradi : = 28758.042723121
t1 : = 1.0812393844616E-14
tpunto1 : = 1.0030237734553
tduepunti0 : = 3.680989451558E+16
v=v_elettrone : = 15086552.684742
x0= : 1.0310395942133E-12
y0= : -9.2829547863317E-13
```

```
*****
i=59229
k(59229)=0.99912866156535
kQ(59229)=0.99825808236137
r1= : 1.384431129978E-12
rpunto1 : = -12512204.902321
rduepunti0 : = -8.0101182006971E+25
fil : = 501.92324872367
fipunto1 : = 6.12466531052E+18
fi_gradi : = 28758.083791362
t1 : = 1.0812393962249E-14
tpunto1 : = 1.0030281028846
tduepunti0 : = 3.6915735647925E+16
v=v_elettrone : = 15099312.53747
x0= : 1.0306137115427E-12
y0= : -9.2657816771322E-13
*****
i=59230
k(59230)=0.99912735021227
kQ(59230)=0.9982554619422
r1= : 1.3829637149363E-12
rpunto1 : = -12521612.608929
rduepunti0 : = -8.0216673126613E+25
fil : = 501.92396701642
fipunto1 : = 6.1376488758373E+18
fi_gradi : = 28758.124946504
t1 : = 1.0812394079883E-14
tpunto1 : = 1.0030324447814
tduepunti0 : = 3.702204265952E+16
v=v_elettrone : = 15112098.14729
x0= : 1.0301864788851E-12
y0= : -9.2485965009529E-13
*****
i=59231
k(59231)=0.99912603597708
kQ(59231)=0.99825283576727
r1= : 1.3814951965711E-12
rpunto1 : = -12531033.89344
rduepunti0 : = -8.0332447812931E+25
fil : = 501.92468683186
fipunto1 : = 6.150683563582E+18
fi_gradi : = 28758.166188891
t1 : = 1.0812394197518E-14
tpunto1 : = 1.0030367992007
tduepunti0 : = 3.7128818312805E+16
v=v_elettrone : = 15124909.609597
x0= : 1.0297578925047E-12
y0= : -9.2313992420151E-13
*****
i=59232
k(59232)=0.99912471885083
kQ(59232)=0.99825020381874
r1= : 1.38002557329E-12
rpunto1 : = -12540468.789193
rduepunti0 : = -8.0448506751969E+25
fil : = 501.92540817599
fipunto1 : = 6.1637696572322E+18
fi_gradi : = 28758.207518865
t1 : = 1.0812394315152E-14
tpunto1 : = 1.0030411661978
tduepunti0 : = 3.723606539069E+16
v=v_elettrone : = 15137747.019466
x0= : 1.0293279486498E-12
y0= : -9.214189884507E-13
```

```
*****
i=59233
k(59233)=0.99912339882455
kQ(59233)=0.99824756607871
r1= : 1.3785548434966E-12
rpunto1 : = -12549917.329603
rduepunti0 : = -8.0564850628622E+25
fil : = 501.92613105484
fipunto1 : = 6.1769074422846E+18
fi_gradi : = 28758.248936773
t1 : = 1.0812394432788E-14
tpunto1 : = 1.0030455458283
tduepunti0 : = 3.7343786696743E+16
v=v_elettrone : = 15150610.472827
x0= : 1.0288966435524E-12
y0= : -9.1969684125857E-13
*****
i=59234
k(59234)=0.99912207588923
kQ(59234)=0.9982449225292
r1= : 1.3770830055908E-12
rpunto1 : = -12559379.548168
rduepunti0 : = -8.0681480126568E+25
fil : = 501.92685547448
fipunto1 : = 6.1900972062715E+18
fi_gradi : = 28758.29044296
t1 : = 1.0812394550424E-14
tpunto1 : = 1.0030499381481
tduepunti0 : = 3.7451985055367E+16
v=v_elettrone : = 15163500.066395
x0= : 1.0284639734282E-12
y0= : -9.1797348103761E-13
*****
i=59235
k(59235)=0.99912075003585
kQ(59235)=0.99824227315219
r1= : 1.3756100579683E-12
rpunto1 : = -12568855.478466
rduepunti0 : = -8.079839592821E+25
fil : = 501.92758144099
fipunto1 : = 6.2033392387791E+18
fi_gradi : = 28758.332037778
t1 : = 1.081239466806E-14
tpunto1 : = 1.0030543432137
tduepunti0 : = 3.756066331199E+16
v=v_elettrone : = 15176415.896204
x0= : 1.0280299344765E-12
y0= : -9.1624890619704E-13
*****
i=59236
k(59236)=0.99911942125532
kQ(59236)=0.99823961792958
r1= : 1.3741359990212E-12
rpunto1 : = -12578345.154153
rduepunti0 : = -8.0915598714611E+25
fil : = 501.92830896051
fipunto1 : = 6.2166338314646E+18
fi_gradi : = 28758.373721576
t1 : = 1.0812394785697E-14
tpunto1 : = 1.0030587610814
tduepunti0 : = 3.7669824333247E+16
v=v_elettrone : = 15189358.060573
x0= : 1.0275945228799E-12
y0= : -9.1452311514303E-13
```

```
*****
i=59237
k(59237)=0.99911808953857
kQ(59237)=0.9982369568432
r1= : 1.3726608271372E-12
rpunto1 : = -12587848.608967
rduepunti0 : = -8.1033089165429E+25
fil : = 501.9290380392
fipunto1 : = 6.2299812780747E+18
fi_gradi : = 28758.415494708
t1 : = 1.0812394903334E-14
tpunto1 : = 1.0030631918084
tduepunti0 : = 3.7779471007174E+16
v=v_elettrone : = 15202326.656737
x0= : 1.0271577348046E-12
y0= : -9.1279610627838E-13
*****
i=59238
k(59238)=0.99911675487645
kQ(59238)=0.99823428987484
r1= : 1.3711845407005E-12
rpunto1 : = -12597365.876724
rduepunti0 : = -8.1150867958851E+25
fil : = 501.92976868326
fipunto1 : = 6.2433818744639E+18
fi_gradi : = 28758.457357529
t1 : = 1.0812395020972E-14
tpunto1 : = 1.0030676354519
tduepunti0 : = 3.7889606243394E+16
v=v_elettrone : = 15215321.783065
x0= : 1.0267195663999E-12
y0= : -9.1106787800281E-13
*****
i=59239
k(59239)=0.9991154172598
kQ(59239)=0.99823161700622
r1= : 1.369707138091E-12
rpunto1 : = -12606896.99132
rduepunti0 : = -8.1268935771528E+25
fil : = 501.93050089893
fipunto1 : = 6.2568359186123E+18
fi_gradi : = 28758.499310396
t1 : = 1.0812395138611E-14
tpunto1 : = 1.0030720920696
tduepunti0 : = 3.8000232973312E+16
v=v_elettrone : = 15228343.539072
x0= : 1.0262800137984E-12
y0= : -9.0933842871282E-13
*****
i=59240
k(59240)=0.99911407667943
kQ(59240)=0.99822893821898
r1= : 1.3682286176849E-12
rpunto1 : = -12616441.98673
rduepunti0 : = -8.1387293278504E+25
fil : = 501.93123469247
fipunto1 : = 6.2703437106447E+18
fi_gradi : = 28758.541353669
t1 : = 1.081239525625E-14
tpunto1 : = 1.0030765617194
tduepunti0 : = 3.8111354150312E+16
v=v_elettrone : = 15241392.023516
x0= : 1.0258390731158E-12
y0= : -9.0760775680162E-13
```

```

*****
i=59241
k(59241)=0.9991127331261
kQ(59241)=0.99822625349471
r1= : 1.3667489778542E-12
rpunto1 : = -12626000.897007
rduepunti0 : = -8.150594115315E+25
fil : = 501.93197007019
fipunto1 : = 6.2839055528493E+18
fi_gradi : = 28758.583487709
t1 : = 1.0812395373889E-14
tpunto1 : = 1.0030810444597
tduepunti0 : = 3.8222972749947E+16
v=v_elettrone : = 15254467.337027
x0= : 1.0253967404506E-12
y0= : -9.0587586065931E-13
*****
i=59242
k(59242)=0.99911138659057
kQ(59242)=0.99822356281494
r1= : 1.365268216967E-12
rpunto1 : = -12635573.756284
rduepunti0 : = -8.1624880067088E+25
fil : = 501.93270703842
fipunto1 : = 6.2975217496965E+18
fi_gradi : = 28758.625712878
t1 : = 1.0812395491529E-14
tpunto1 : = 1.0030855403492
tduepunti0 : = 3.8335091770145E+16
v=v_elettrone : = 15267569.579459
x0= : 1.0249530118845E-12
y0= : -9.0414273867267E-13
*****
i=59243
k(59243)=0.99911003706354
kQ(59243)=0.99822086616112
r1= : 1.3637863333874E-12
rpunto1 : = -12645160.598774
rduepunti0 : = -8.1744110690124E+25
fil : = 501.93344560354
fipunto1 : = 6.311192607858E+18
fi_gradi : = 28758.668029542
t1 : = 1.081239560917E-14
tpunto1 : = 1.0030900494469
tduepunti0 : = 3.8447714231407E+16
v=v_elettrone : = 15280698.852133
x0= : 1.0245078834816E-12
y0= : -9.0240838922539E-13
*****
i=59244
k(59244)=0.99910868453569
kQ(59244)=0.99821816351464
r1= : 1.3623033254754E-12
rpunto1 : = -12654761.458764
rduepunti0 : = -8.1863633690172E+25
fil : = 501.93418577197
fipunto1 : = 6.3249184362263E+18
fi_gradi : = 28758.710438069
t1 : = 1.0812395726811E-14
tpunto1 : = 1.0030945718122
tduepunti0 : = 3.8560843177008E+16
v=v_elettrone : = 15293855.256327
x0= : 1.024061351289E-12
y0= : -9.0067281069787E-13

```

```
*****
i=59245
k(59245)=0.99910732899766
kQ(59245)=0.99821545485684
r1= : 1.3608191915871E-12
rpunto1:= -12664376.370624
rduepunti0 : = -8.1983449733178E+25
fil : = 501.93492755014
fipunto1 : = 6.3386995459343E+18
fi_gradi : = 28758.752938828
t1 : = 1.0812395844453E-14
tpunto1 : = 1.0030991075049
tduepunti0 : = 3.8674481673205E+16
v=v_elettrone : = 15307038.894758
x0= : 1.0236134113361E-12
y0= : -8.9893600146736E-13
*****
i=59246
k(59246)=0.99910597044007
kQ(59246)=0.99821274016899
r1= : 1.3593339300745E-12
rpunto1:= -12674005.368798
rduepunti0 : = -8.2103559483047E+25
fil : = 501.93567094454
fipunto1 : = 6.3525362503749E+18
fi_gradi : = 28758.795532189
t1 : = 1.0812395962095E-14
tpunto1 : = 1.003103656585
tduepunti0 : = 3.8788632809441E+16
v=v_elettrone : = 15320249.86934
x0= : 1.0231640596351E-12
y0= : -8.9719795990779E-13
*****
i=59247
k(59247)=0.99910460885348
kQ(59247)=0.99821001943227
r1= : 1.3578475392856E-12
rpunto1:= -12683648.48781
rduepunti0 : = -8.2223963601563E+25
fil : = 501.93641596169
fipunto1 : = 6.3664288652211E+18
fi_gradi : = 28758.838218528
t1 : = 1.0812396079737E-14
tpunto1 : = 1.0031082191132
tduepunti0 : = 3.890329969856E+16
v=v_elettrone : = 15333488.283764
x0= : 1.0227132921803E-12
y0= : -8.9545868438998E-13
*****
i=59248
k(59248)=0.99910324422846
kQ(59248)=0.99820729262784
r1= : 1.3563600175642E-12
rpunto1:= -12693305.76226
rduepunti0 : = -8.2344662748311E+25
fil : = 501.93716260815
fipunto1 : = 6.3803777084458E+18
fi_gradi : = 28758.880998219
t1 : = 1.0812396197381E-14
tpunto1 : = 1.0031127951502
tduepunti0 : = 3.9018485477009E+16
v=v_elettrone : = 15346754.241278
x0= : 1.0222611049484E-12
y0= : -8.9371817328148E-13
```

```
*****
i=59249
k(59249)=0.9991018765552
kQ(59249)=0.99820455973675
r1= : 1.3548713632504E-12
rpunto1: = -12702977.226825
rduepunti0 : = -8.2465657580596E+25
fil : = 501.93791089051
fipunto1 : = 6.3943831003428E+18
fi_gradi : = 28758.92387164
t1 : = 1.0812396315024E-14
tpunto1 : = 1.0031173847572
tduepunti0 : = 3.9134193305064E+16
v=v_elettrone : = 15360047.846879
x0= : 1.021807493898E-12
y0= : -8.9197642494667E-13
*****
i=59250
k(59250)=0.99910050582513
kQ(59250)=0.99820182074003
r1= : 1.3533815746798E-12
rpunto1: = -12712662.916261
rduepunti0 : = -8.2586948753362E+25
fil : = 501.9386608154
fipunto1 : = 6.4084453635469E+18
fi_gradi : = 28758.966839171
t1 : = 1.0812396432669E-14
tpunto1 : = 1.0031219879959
tduepunti0 : = 3.9250426367033E+16
v=v_elettrone : = 15373369.20435
x0= : 1.0213524549703E-12
y0= : -8.9023343774661E-13
*****
i=59251
k(59251)=0.99909913202775
kQ(59251)=0.99819907561859
r1= : 1.3518906501842E-12
rpunto1: = -12722362.865399
rduepunti0 : = -8.2708536919107E+25
fil : = 501.9394123895
fipunto1 : = 6.4225648230547E+18
fi_gradi : = 28759.009901195
t1 : = 1.0812396550314E-14
tpunto1 : = 1.0031266049283
tduepunti0 : = 3.9367187871485E+16
v=v_elettrone : = 15386718.419947
x0= : 1.0208959840877E-12
y0= : -8.8848921003931E-13
*****
i=59252
k(59252)=0.99909775515379
kQ(59252)=0.99819632435334
r1= : 1.3503985880912E-12
rpunto1: = -12732077.109144
rduepunti0 : = -8.28304227278E+25
fil : = 501.94016561951
fipunto1 : = 6.4367418062458E+18
fi_gradi : = 28759.053058095
t1 : = 1.0812396667959E-14
tpunto1 : = 1.0031312356166
tduepunti0 : = 3.9484481051465E+16
v=v_elettrone : = 15400095.599434
x0= : 1.0204380771551E-12
y0= : -8.8674374017942E-13
```

```
*****
i=59253
k(59253)=0.99909637519364
kQ(59253)=0.99819356692506
r1= : 1.3489053867245E-12
rpunto1 : = -12741805.682481
rduepunti0 : = -8.2952606826794E+25
fil : = 501.94092051218
fipunto1 : = 6.4509766429042E+18
fi_gradi : = 28759.096310259
t1 : = 1.0812396785605E-14
tpunto1 : = 1.0031358801237
tduepunti0 : = 3.9602309164715E+16
v=v_elettrone : = 15413500.849157
x0= : 1.0199787300588E-12
y0= : -8.8499702651843E-13
*****
i=59254
k(59254)=0.99909499213764
kQ(59254)=0.99819080331452
r1= : 1.3474110444034E-12
rpunto1 : = -12751548.620469
rduepunti0 : = -8.3075089860736E+25
fil : = 501.94167707429
fipunto1 : = 6.4652696652391E+18
fi_gradi : = 28759.139658075
t1 : = 1.0812396903251E-14
tpunto1 : = 1.0031405385126
tduepunti0 : = 3.9720675493907E+16
v=v_elettrone : = 15426934.276439
x0= : 1.0195179386667E-12
y0= : -8.832490674046E-13
*****
i=59255
k(59255)=0.99909360597613
kQ(59255)=0.99818803350238
r1= : 1.3459155594432E-12
rpunto1 : = -12761305.95824
rduepunti0 : = -8.319787247148E+25
fil : = 501.94243531267
fipunto1 : = 6.4796212079075E+18
fi_gradi : = 28759.183101934
t1 : = 1.0812397020898E-14
tpunto1 : = 1.0031452108469
tduepunti0 : = 3.9839583346862E+16
v=v_elettrone : = 15440395.988423
x0= : 1.0190556988284E-12
y0= : -8.8149986118298E-13
*****
i=59256
k(59256)=0.99909221669937
kQ(59256)=0.99818525746926
r1= : 1.3444189301552E-12
rpunto1 : = -12771077.731005
rduepunti0 : = -8.3320955297995E+25
fil : = 501.94319523418
fipunto1 : = 6.4940316080351E+18
fi_gradi : = 28759.226642229
t1 : = 1.0812397138546E-14
tpunto1 : = 1.0031498971904
tduepunti0 : = 3.9959036056783E+16
v=v_elettrone : = 15453886.09429
x0= : 1.0185920063745E-12
y0= : -8.7974940619546E-13
```



```
*****
i=59257
k(59257)=0.99909082429763
kQ(59257)=0.99818247519572
r1= : 1.3429211548465E-12
rpunto1: = -12780863.974046
rduepunti0 : = -8.344433897627E+25
fil : = 501.94395684572
fipunto1 : = 6.5085012052395E+18
fi_gradi : = 28759.270279356
t1 : = 1.0812397256194E-14
tpunto1 : = 1.0031545976075
tduepunti0 : = 4.0079036982491E+16
v=v_elettrone : = 15467404.701937
x0= : 1.0181268571174E-12
y0= : -8.7799770078057E-13
*****
i=59258
k(59258)=0.99908942876112
kQ(59258)=0.99817968666223
r1= : 1.34142223182E-12
rpunto1: = -12790664.722721
rduepunti0 : = -8.3568024139224E+25
fil : = 501.94472015424
fipunto1 : = 6.5230303416516E+18
fi_gradi : = 28759.314013713
t1 : = 1.0812397373843E-14
tpunto1 : = 1.0031593121629
tduepunti0 : = 4.0199589508653E+16
v=v_elettrone : = 15480951.921257
x0= : 1.0176602468502E-12
y0= : -8.7624474327379E-13
*****
i=59259
k(59259)=0.99908803008003
kQ(59259)=0.9981768918492
r1= : 1.3399221593744E-12
rpunto1: = -12800480.012462
rduepunti0 : = -8.3692011416604E+25
fil : = 501.94548516671
fipunto1 : = 6.5376193619387E+18
fi_gradi : = 28759.357845699
t1 : = 1.0812397491492E-14
tpunto1 : = 1.0031640409215
tduepunti0 : = 4.0320697046027E+16
v=v_elettrone : = 15494527.861942
x0= : 1.0171921713474E-12
y0= : -8.744905320073E-13
*****
i=59260
k(59260)=0.99908662824452
kQ(59260)=0.998174090737
r1= : 1.3384209358045E-12
rpunto1: = -12810309.878774
rduepunti0 : = -8.3816301434892E+25
fil : = 501.94625189017
fipunto1 : = 6.5522686133275E+18
fi_gradi : = 28759.401775717
t1 : = 1.0812397609142E-14
tpunto1 : = 1.003168783949
tduepunti0 : = 4.0442363031695E+16
v=v_elettrone : = 15508132.634919
x0= : 1.0167226263641E-12
y0= : -8.7273506531011E-13
```

```
*****
i=59261
k(59261)=0.99908522324469
kQ(59261)=0.9981712833059
r1= : 1.3369185594008E-12
rpunto1:= -12820154.357236
rduepunti0 := -8.3940894817202E+25
fil := 501.94702033167
fipunto1 := 6.5669784456268E+18
fi_gradi := 28759.445804172
t1 := 1.0812397726792E-14
tpunto1 := 1.0031735413112
tduepunti0 := 4.0564590929308E+16
v=v_elettrone := 15521766.351617
x0= : 1.0162516076366E-12
y0= : -8.7097834150799E-13
*****
i=59262
k(59262)=0.99908381507065
kQ(59262)=0.99816846953612
r1= : 1.3354150284495E-12
rpunto1:= -12830013.483497
rduepunti0 := -8.4065792183179E+25
fil := 501.94779049832
fipunto1 := 6.5817492112508E+18
fi_gradi := 28759.489931471
t1 := 1.0812397844443E-14
tpunto1 := 1.0031783130745
tduepunti0 := 4.0687384229333E+16
v=v_elettrone := 15535429.123214
x0= : 1.0157791108815E-12
y0= : -8.6922035892344E-13
*****
i=59263
k(59263)=0.99908240371243
kQ(59263)=0.99816564940781
r1= : 1.3339103412327E-12
rpunto1:= -12839887.293281
rduepunti0 := -8.4190994148896E+25
fil := 501.94856239727
fipunto1 := 6.5965812652433E+18
fi_gradi := 28759.534158022
t1 := 1.0812397962094E-14
tpunto1 := 1.0031830993055
tduepunti0 := 4.0810746449297E+16
v=v_elettrone := 15549121.062456
x0= : 1.0153051317964E-12
y0= : -8.6746111587588E-13
*****
i=59264
k(59264)=0.99908098916007
kQ(59264)=0.99816282290107
r1= : 1.3324044960284E-12
rpunto1:= -12849775.822383
rduepunti0 := -8.4316501326751E+25
fil := 501.9493360357
fipunto1 := 6.6114749653008E+18
fi_gradi := 28759.578484239
t1 := 1.0812398079746E-14
tpunto1 := 1.0031879000714
tduepunti0 := 4.0934681134041E+16
v=v_elettrone := 15562842.28255
x0= : 1.0148296660589E-12
y0= : -8.6570061068145E-13
```

```
*****
i=59265
k(59265)=0.99907957140355
kQ(59265)=0.9981599899959
r1= : 1.3308974911104E-12
rpunto1 : = -12859679.106669
rduepunti0 : = -8.4442314325354E+25
fil : = 501.95011142084
fipunto1 : = 6.6264306717968E+18
fi_gradi : = 28759.622910536
t1 : = 1.0812398197399E-14
tpunto1 : = 1.0031927154398
tduepunti0 : = 4.1059191855968E+16
v=v_elettrone : = 15576592.896776
x0= : 1.0143527093274E-12
y0= : -8.6393884165306E-13
*****
i=59266
k(59266)=0.99907815043282
kQ(59266)=0.99815715067227
r1= : 1.3293893247481E-12
rpunto1 : = -12869597.182076
rduepunti0 : = -8.4568433749423E+25
fil : = 501.95088855997
fipunto1 : = 6.6414487478065E+18
fi_gradi : = 28759.667437328
t1 : = 1.0812398315052E-14
tpunto1 : = 1.0031975454786
tduepunti0 : = 4.1184282215305E+16
v=v_elettrone : = 15590373.019575
x0= : 1.0138742572403E-12
y0= : -8.6217580710047E-13
*****
i=59267
k(59267)=0.9990767262378
kQ(59267)=0.99815430491005
r1= : 1.3278799952068E-12
rpunto1 : = -12879530.084612
rduepunti0 : = -8.4694860199673E+25
fil : = 501.9516674604
fipunto1 : = 6.6565295591308E+18
fi_gradi : = 28759.712065035
t1 : = 1.0812398432706E-14
tpunto1 : = 1.0032023902562
tduepunti0 : = 4.1309955840354E+16
v=v_elettrone : = 15604182.765809
x0= : 1.0133943054159E-12
y0= : -8.6041150533024E-13
*****
i=59268
k(59268)=0.99907529880839
kQ(59268)=0.99815145268907
r1= : 1.3263695007478E-12
rpunto1 : = -12889477.850355
rduepunti0 : = -8.4821594272697E+25
fil : = 501.95244812949
fipunto1 : = 6.6716734743217E+18
fi_gradi : = 28759.756794079
t1 : = 1.081239855036E-14
tpunto1 : = 1.0032072498416
tduepunti0 : = 4.143621638776E+16
v=v_elettrone : = 15618022.251097
x0= : 1.012912849453E-12
y0= : -8.586459346457E-13
```

```
*****
i=59269
k(59269)=0.99907386813442
kQ(59269)=0.99814859398908
r1= : 1.3248578396278E-12
rpunto1 : = -12899440.515451
rduepunto10 : = -8.4948636560858E+25
fil : = 501.95323057464
fipunto1 : = 6.6868808647071E+18
fi_gradi : = 28759.801624884
t1 : = 1.0812398668015E-14
tpunto1 : = 1.0032121243038
tduepunto10 : = 4.1563067542769E+16
v=v_elettrone : = 15631891.591455
x0= : 1.0124298849297E-12
y0= : -8.5687909334698E-13
*****
i=59270
k(59270)=0.99907243420573
kQ(59270)=0.99814572878977
r1= : 1.3233450100994E-12
rpunto1 : = -12909418.116117
rduepunto10 : = -8.5075987652169E+25
fil : = 501.95401480329
fipunto1 : = 6.7021521044163E+18
fi_gradi : = 28759.846557876
t1 : = 1.081239878567E-14
tpunto1 : = 1.0032170137127
tduepunto10 : = 4.1690513019501E+16
v=v_elettrone : = 15645790.903628
x0= : 1.0119454074043E-12
y0= : -8.5511097973105E-13
*****
i=59271
k(59271)=0.9990709970121
kQ(59271)=0.99814285707076
r1= : 1.3218310104111E-12
rpunto1 : = -12919410.688636
rduepunto10 : = -8.5203648130173E+25
fil : = 501.95480082293
fipunto1 : = 6.7174875704056E+18
fi_gradi : = 28759.891593484
t1 : = 1.0812398903326E-14
tpunto1 : = 1.0032219181384
tduepunto10 : = 4.1818556561212E+16
v=v_elettrone : = 15659720.305455
x0= : 1.0114594124143E-12
y0= : -8.5334159209169E-13
*****
i=59272
k(59272)=0.99906955654328
kQ(59272)=0.99813997881159
r1= : 1.3203158388069E-12
rpunto1 : = -12929418.269363
rduepunto10 : = -8.5331618573821E+25
fil : = 501.9555886411
fipunto1 : = 6.7328876424843E+18
fi_gradi : = 28759.93673214
t1 : = 1.0812399020983E-14
tpunto1 : = 1.0032268376514
tduepunto10 : = 4.1947201940574E+16
v=v_elettrone : = 15673679.914388
x0= : 1.010971895477E-12
y0= : -8.5157092871942E-13
```

```
*****
i=59273
k(59273)=0.999068112789
kQ(59273)=0.99813709399177
r1= : 1.3187994935267E-12
rpunto1 : = -12939440.894715
rduepunti0 : = -8.5459899557352E+25
fil : = 501.95637826536
fipunto1 : = 6.748352703341E+18
fi_gradi : = 28759.981974278
t1 : = 1.081239913864E-14
tpunto1 : = 1.0032317723228
tduepunti0 : = 4.2076452959946E+16
v=v_elettrone : = 15687669.849666
x0= : 1.0104828520889E-12
y0= : -8.4979898790168E-13
*****
i=59274
k(59274)=0.99906666573893
kQ(59274)=0.9981342025907
r1= : 1.3172819728062E-12
rpunto1 : = -12949478.60118
rduepunti0 : = -8.5588491650163E+25
fil : = 501.95716970335
fipunto1 : = 6.7638831385699E+18
fi_gradi : = 28760.027320334
t1 : = 1.0812399256298E-14
tpunto1 : = 1.0032367222241
tduepunti0 : = 4.2206313451653E+16
v=v_elettrone : = 15701690.23047
x0= : 1.0099922777257E-12
y0= : -8.4802576792266E-13
*****
i=59275
k(59275)=0.99906521538273
kQ(59275)=0.99813130458774
r1= : 1.3157632748765E-12
rpunto1 : = -12959531.42531
rduepunti0 : = -8.5717395416684E+25
fil : = 501.95796296273
fipunto1 : = 6.7794793366978E+18
fi_gradi : = 28760.072770748
t1 : = 1.0812399373956E-14
tpunto1 : = 1.0032416874272
tduepunti0 : = 4.2336787278268E+16
v=v_elettrone : = 15715741.177021
x0= : 1.0095001678423E-12
y0= : -8.4625126706338E-13
*****
i=59276
k(59276)=0.99906376171002
kQ(59276)=0.99812839996217
r1= : 1.3142433979647E-12
rpunto1 : = -12969599.403724
rduepunti0 : = -8.5846611416245E+25
fil : = 501.9587580512
fipunto1 : = 6.795141689211E+18
fi_gradi : = 28760.118325962
t1 : = 1.0812399491615E-14
tpunto1 : = 1.0032466680045
tduepunti0 : = 4.2467878332899E+16
v=v_elettrone : = 15729822.809814
x0= : 1.0090065178726E-12
y0= : -8.4447548360169E-13
```

```
*****
i=59277
k(59277)=0.99906230471038
kQ(59277)=0.99812548869321
r1= : 1.3127223402936E-12
rpunto1:= -12979682.573105
rduepunti0 := -8.5976140202948E+25
fil := 501.95955497654
fipunto1 := 6.8108705905829E+18
fi_gradi := 28760.163986421
t1 := 1.0812399609274E-14
tpunto1 := 1.0032516640288
tduepunti0 := 4.2599590539471E+16
v=v_elettrone := 15743935.250339
x0= : 1.0085113232291E-12
y0= : -8.4269841581227E-13
*****
i=59278
k(59278)=0.99906084437337
kQ(59278)=0.99812257076002
r1= : 1.3112001000816E-12
rpunto1:= -12989780.9702
rduepunti0 := -8.6105982325524E+25
fil := 501.96035374655
fipunto1 := 6.8266664383014E+18
fi_gradi := 28760.209752571
t1 := 1.0812399726934E-14
tpunto1 := 1.0032566755735
tduepunti0 := 4.2731927853021E+16
v=v_elettrone := 15758078.620709
x0= : 1.0080145793033E-12
y0= : -8.4092006196665E-13
*****
i=59279
k(59279)=0.9990593806885
kQ(59279)=0.99811964614169
r1= : 1.3096766755427E-12
rpunto1:= -12999894.631821
rduepunti0 := -8.6236138327206E+25
fil := 501.96115436906
fipunto1 := 6.8425296328969E+18
fi_gradi := 28760.255624862
t1 := 1.0812399844595E-14
tpunto1 := 1.0032617027123
tduepunti0 := 4.2864894259992E+16
v=v_elettrone := 15772253.043627
x0= : 1.007516281465E-12
y0= : -8.3914042033316E-13
*****
i=59280
k(59280)=0.99905791364526
kQ(59280)=0.99811671481721
r1= : 1.3081520648869E-12
rpunto1:= -13010023.594842
rduepunti0 := -8.6366608745579E+25
fil := 501.961956852
fipunto1 := 6.858460577971E+18
fi_gradi := 28760.301603748
t1 := 1.0812399962256E-14
tpunto1 := 1.0032667455194
tduepunti0 := 4.2998493778528E+16
v=v_elettrone := 15786458.642394
x0= : 1.0070164250626E-12
y0= : -8.3735948917701E-13
```

```
*****
i=59281
k(59281)=0.9990564432331
kQ(59281)=0.99811377676556
r1= : 1.3066262663195E-12
rpunto1: = -13020167.8962
rduepunti0 : = -8.6497394112444E+25
fil : = 501.96276120329
fipunto1 : = 6.8744596802244E+18
fi_gradi : = 28760.347689682
t1 : = 1.0812400079918E-14
tpunto1 : = 1.0032718040697
tduepunti0 : = 4.3132730458775E+16
v=v_elettrone : = 15800695.541228
x0= : 1.0065150054228E-12
y0= : -8.3557726676026E-13
*****
i=59282
k(59282)=0.99905496944143
kQ(59282)=0.99811083196562
r1= : 1.3050992780416E-12
rpunto1: = -13030327.572894
rduepunti0 : = -8.6628494953673E+25
fil : = 501.96356743094
fipunto1 : = 6.8905273494863E+18
fi_gradi : = 28760.393883124
t1 : = 1.081240019758E-14
tpunto1 : = 1.0032768784383
tduepunti0 : = 4.3267608383184E+16
v=v_elettrone : = 15814963.864905
x0= : 1.0060120178503E-12
y0= : -8.3379375134179E-13
*****
i=59283
k(59283)=0.99905349225964
kQ(59283)=0.99810788039619
r1= : 1.3035710982502E-12
rpunto1: = -13040502.661982
rduepunti0 : = -8.6759911789057E+25
fil : = 501.96437554299
fipunto1 : = 6.9066639987435E+18
fi_gradi : = 28760.440184533
t1 : = 1.0812400315243E-14
tpunto1 : = 1.0032819687008
tduepunti0 : = 4.3403131666822E+16
v=v_elettrone : = 15829263.739093
x0= : 1.0055074576281E-12
y0= : -8.3200894117737E-13
*****
i=59284
k(59284)=0.99905201167709
kQ(59284)=0.99810492203603
r1= : 1.3020417251376E-12
rpunto1: = -13050693.200584
rduepunti0 : = -8.6891645132161E+25
fil : = 501.96518554752
fipunto1 : = 6.9228700441699E+18
fi_gradi : = 28760.486594374
t1 : = 1.0812400432907E-14
tpunto1 : = 1.0032870749336
tduepunti0 : = 4.3539304457677E+16
v=v_elettrone : = 15843595.289982
x0= : 1.0050013200168E-12
y0= : -8.3022283451959E-13
```

```
*****
i=59285
k(59285)=0.99905052768308
kQ(59285)=0.99810195686383
r1= : 1.300511156892E-12
rpunto1: = -13060899.22588
rduepunti0 : = -8.7023695490167E+25
fil : = 501.96599745267
fipunto1 : = 6.939145905156E+18
fi_gradi : = 28760.533113113
t1 : = 1.0812400550571E-14
tpunto1 : = 1.0032921972131
tduepunti0 : = 4.3676130936974E+16
v=v_elettrone : = 15857958.644267
x0= : 1.0044936002549E-12
y0= : -8.2843542961792E-13
*****
i=59286
k(59286)=0.9990490402669
kQ(59286)=0.9980989848582
r1= : 1.298979391697E-12
rpunto1: = -13071120.775108
rduepunti0 : = -8.7156063363723E+25
fil : = 501.96681126663
fipunto1 : = 6.95549200434E+18
fi_gradi : = 28760.579741218
t1 : = 1.0812400668236E-14
tpunto1 : = 1.0032973356167
tduepunti0 : = 4.3813615319492E+16
v=v_elettrone : = 15872353.929841
x0= : 1.0039842935586E-12
y0= : -8.2664672471873E-13
*****
i=59287
k(59287)=0.99904754941779
kQ(59287)=0.9980960059977
r1= : 1.2974464277321E-12
rpunto1: = -13081357.885562
rduepunti0 : = -8.728874924678E+25
fil : = 501.96762699765
fipunto1 : = 6.9719087676372E+18
fi_gradi : = 28760.626479162
t1 : = 1.0812400785901E-14
tpunto1 : = 1.0033024902219
tduepunti0 : = 4.3951761853886E+16
v=v_elettrone : = 15886781.274711
x0= : 1.0034733951213E-12
y0= : -8.2485671806525E-13
*****
i=59288
k(59288)=0.99904605512499
kQ(59288)=0.9980930202608
r1= : 1.2959122631723E-12
rpunto1: = -13091610.594596
rduepunti0 : = -8.7421753626434E+25
fil : = 501.968444654
fipunto1 : = 6.9883966242716E+18
fi_gradi : = 28760.67332742
t1 : = 1.0812400903567E-14
tpunto1 : = 1.0033076611069
tduepunti0 : = 4.4090574823009E+16
v=v_elettrone : = 15901240.808409
x0= : 1.0029609001139E-12
y0= : -8.2306540789762E-13
```



```
*****
i=59289
k(59289)=0.99904455737766
kQ(59289)=0.99809002762591
r1= : 1.2943768961882E-12
rpunto1:= -13101878.939619
rduepunti0 : = -8.7555076982763E+25
fil : = 501.96926424402
fipunto1 : = 7.0049560068068E+18
fi_gradi : = 28760.72028647
t1 : = 1.0812401021234E-14
tpunto1 : = 1.0033128483504
tduepunti0 : = 4.4230058544241E+16
v=v_elettrone : = 15915732.660543
x0= : 1.0024468036844E-12
y0= : -8.2127279245283E-13
*****
i=59290
k(59290)=0.99904305616495
kQ(59290)=0.99808702807141
r1= : 1.2928403249459E-12
rpunto1:= -13112162.958096
rduepunti0 : = -8.7688719788656E+25
fil : = 501.97008577611
fipunto1 : = 7.0215873511777E+18
fi_gradi : = 28760.767356791
t1 : = 1.0812401138901E-14
tpunto1 : = 1.0033180520315
tduepunti0 : = 4.437021736982E+16
v=v_elettrone : = 15930256.961499
x0= : 1.001931100958E-12
y0= : -8.1947886996478E-13
*****
i=59291
k(59291)=0.99904155147599
kQ(59291)=0.99808402157555
r1= : 1.2913025476075E-12
rpunto1:= -13122462.687545
rduepunti0 : = -8.7822682509647E+25
fil : = 501.9709092587
fipunto1 : = 7.0382910967222E+18
fi_gradi : = 28760.814538868
t1 : = 1.0812401256569E-14
tpunto1 : = 1.0033232722299
tduepunti0 : = 4.4511055687179E+16
v=v_elettrone : = 15944813.842768
x0= : 1.0014137870366E-12
y0= : -8.1768363866431E-13
*****
i=59292
k(59292)=0.99904004329985
kQ(59292)=0.99808100811657
r1= : 1.2897635623302E-12
rpunto1:= -13132778.165541
rduepunti0 : = -8.7956965603741E+25
fil : = 501.97173470028
fipunto1 : = 7.0550676862135E+18
fi_gradi : = 28760.861833187
t1 : = 1.0812401374237E-14
tpunto1 : = 1.0033285090259
tduepunti0 : = 4.465257791928E+16
v=v_elettrone : = 15959403.436235
x0= : 1.0008948569989E-12
y0= : -8.1588709677915E-13
```

```
*****
i=59293
k(59293)=0.99903853162558
kQ(59293)=0.9980779876726
r1= : 1.2882233672671E-12
rpunto1 : = -13143109.429708
rduepunti0 : = -8.8091569521237E+25
fil : = 501.9725621094
fipunto1 : = 7.0719175658927E+18
fi_gradi : = 28760.909240237
t1 : = 1.0812401491906E-14
tpunto1 : = 1.0033337625002
tduepunti0 : = 4.4794788524964E+16
v=v_elettrone : = 15974025.874848
x0= : 1.0003743059001E-12
y0= : -8.1408924253396E-13
*****
i=59294
k(59294)=0.99903701644221
kQ(59294)=0.99807496022174
r1= : 1.2866819605669E-12
rpunto1 : = -13153456.517724
rduepunti0 : = -8.8226494704553E+25
fil : = 501.97339149465
fipunto1 : = 7.0888411855017E+18
fi_gradi : = 28760.956760512
t1 : = 1.0812401609576E-14
tpunto1 : = 1.003339032734
tduepunti0 : = 4.4937691999288E+16
v=v_elettrone : = 15988681.291909
x0= : 9.9985212877201E-13
y0= : -8.1229007415029E-13
*****
i=59295
k(59295)=0.9990354977387
kQ(59295)=0.99807192574201
r1= : 1.2851393403737E-12
rpunto1 : = -13163819.467318
rduepunti0 : = -8.8361741588037E+25
fil : = 501.97422286468
fipunto1 : = 7.1058389983168E+18
fi_gradi : = 28761.004394506
t1 : = 1.0812401727246E-14
tpunto1 : = 1.0033443198091
tduepunti0 : = 4.5081292873884E+16
v=v_elettrone : = 16003369.822115
x0= : 9.9932832062258E-13
y0= : -8.1048958984671E-13
*****
i=59296
k(59296)=0.99903397550401
kQ(59296)=0.99806888421134
r1= : 1.2835955048273E-12
rpunto1 : = -13174198.316268
rduepunti0 : = -8.8497310597788E+25
fil : = 501.9750562282
fipunto1 : = 7.1229114611818E+18
fi_gradi : = 28761.052142718
t1 : = 1.0812401844917E-14
tpunto1 : = 1.0033496238079
tduepunti0 : = 4.5225595717309E+16
v=v_elettrone : = 16018091.600465
x0= : 9.9880287643598E-13
y0= : -8.0868778783861E-13
```

```
*****
i=59297
k(59297)=0.99903244972705
kQ(59297)=0.99806583560764
r1= : 1.2820504520631E-12
rpunto1 : = -13184593.102402
rduepunti0 : = -8.8633202151464E+25
fil : = 501.97589159395
fipunto1 : = 7.1400590345428E+18
fi_gradi : = 28761.10000565
t1 : = 1.0812401962589E-14
tpunto1 : = 1.0033549448132
tduepunti0 : = 4.5370605135402E+16
v=v_elettrone : = 16032846.762604
x0= : 9.9827579117237E-13
y0= : -8.068846663384E-13
*****
i=59298
k(59298)=0.99903092039672
kQ(59298)=0.99806277990871
r1= : 1.2805041802119E-12
rpunto1 : = -13195003.863596
rduepunti0 : = -8.8769416658091E+25
fil : = 501.97672897074
fipunto1 : = 7.1572821824821E+18
fi_gradi : = 28761.147983806
t1 : = 1.0812402080261E-14
tpunto1 : = 1.0033602829084
tduepunti0 : = 4.5516325771648E+16
v=v_elettrone : = 16047635.444813
x0= : 9.9774705976768E-13
y0= : -8.0508022355545E-13
*****
i=59299
k(59299)=0.99902938750185
kQ(59299)=0.99805971709232
r1= : 1.2789566874003E-12
rpunto1 : = -13205430.637771
rduepunti0 : = -8.8905954517868E+25
fil : = 501.97756836744
fipunto1 : = 7.1745813727531E+18
fi_gradi : = 28761.196077694
t1 : = 1.0812402197934E-14
tpunto1 : = 1.0033656381775
tduepunti0 : = 4.5662762307545E+16
v=v_elettrone : = 16062457.785383
x0= : 9.9721667713347E-13
y0= : -8.0327445769616E-13
*****
i=59300
k(59300)=0.99902785103126
kQ(59300)=0.99805664713614
r1= : 1.2774079717502E-12
rpunto1 : = -13215873.462897
rduepunti0 : = -8.9042816121968E+25
fil : = 501.97840979297
fipunto1 : = 7.191957076816E+18
fi_gradi : = 28761.244287826
t1 : = 1.0812402315607E-14
tpunto1 : = 1.003371010705
tduepunti0 : = 4.5809919462972E+16
v=v_elettrone : = 16077313.921784
x0= : 9.9668463815695E-13
y0= : -8.0146736696378E-13
```

```
*****
i=59301
k(59301)=0.99902631097374
kQ(59301)=0.9980535700178
r1= : 1.2758580313792E-12
rpunto1:= -13226332.376985
rduepunti0 : = -8.9180001852332E+25
fil : = 501.9792532563
fipunto1 : = 7.2094097698728E+18
fi_gradi : = 28761.292614715
t1 : = 1.0812402433281E-14
tpunto1 : = 1.0033764005759
tduepunti0 : = 4.5957801996563E+16
v=v_elettrone : = 16092203.993111
x0= : 9.9615093770057E-13
y0= : -7.9965894955866E-13
*****
i=59302
k(59302)=0.99902476731804
kQ(59302)=0.99805048571486
r1= : 1.2743068644005E-12
rpunto1:= -13236807.418094
rduepunti0 : = -8.931751208147E+25
fil : = 501.98009876646
fipunto1 : = 7.2269399309036E+18
fi_gradi : = 28761.341058878
t1 : = 1.0812402550956E-14
tpunto1 : = 1.003381807876
tduepunti0 : = 4.6106414706091E+16
v=v_elettrone : = 16107128.139363
x0= : 9.9561557060198E-13
y0= : -7.9784920367812E-13
*****
i=59303
k(59303)=0.99902322005287
kQ(59303)=0.9980473942048
r1= : 1.2727544689226E-12
rpunto1:= -13247298.624322
rduepunti0 : = -8.9455347172245E+25
fil : = 501.98094633253
fipunto1 : = 7.2445480427031E+18
fi_gradi : = 28761.389620837
t1 : = 1.0812402668631E-14
tpunto1 : = 1.0033872326914
tduepunti0 : = 4.6255762428843E+16
v=v_elettrone : = 16122086.501416
x0= : 9.9507853167391E-13
y0= : -7.9603812751647E-13
*****
i=59304
k(59304)=0.99902166916692
kQ(59304)=0.99804429546506
r1= : 1.2712008430498E-12
rpunto1:= -13257806.03381
rduepunti0 : = -8.9593507477662E+25
fil : = 501.98179596366
fipunto1 : = 7.2622345919174E+18
fi_gradi : = 28761.438301115
t1 : = 1.0812402786307E-14
tpunto1 : = 1.0033926751088
tduepunti0 : = 4.6405850042012E+16
v=v_elettrone : = 16137079.219948
x0= : 9.9453981570398E-13
y0= : -7.94225719265E-13
```

```
*****
i=59305
k(59305)=0.99902011464885
kQ(59305)=0.99804118947299
r1= : 1.2696459848817E-12
rpunto1 : = -13268329.684739
rduepunti0 : = -8.9731993340654E+25
fil : = 501.98264766904
fipunto1 : = 7.280000069081E+18
fi_gradi : = 28761.487100239
t1 : = 1.0812402903984E-14
tpunto1 : = 1.0033981352157
tduepunti0 : = 4.6556682463089E+16
v=v_elettrone : = 16152106.437532
x0= : 9.9399941745442E-13
y0= : -7.9241197711214E-13
*****
i=59306
k(59306)=0.99901855648726
kQ(59306)=0.99803807620589
r1= : 1.2680898925136E-12
rpunto1 : = -13278869.615329
rduepunti0 : = -8.9870805093855E+25
fil : = 501.98350145794
fipunto1 : = 7.2978449686551E+18
fi_gradi : = 28761.536018739
t1 : = 1.0812403021661E-14
tpunto1 : = 1.0034036131
tduepunti0 : = 4.6708264650255E+16
v=v_elettrone : = 16167168.297562
x0= : 9.9345733166205E-13
y0= : -7.9059689924331E-13
*****
i=59307
k(59307)=0.99901699467076
kQ(59307)=0.99803495564099
r1= : 1.2665325640362E-12
rpunto1 : = -13289425.863837
rduepunti0 : = -9.0009943059377E+25
fil : = 501.98435733966
fipunto1 : = 7.3157697890649E+18
fi_gradi : = 28761.585057149
t1 : = 1.0812403139339E-14
tpunto1 : = 1.0034091088501
tduepunti0 : = 4.6860601602788E+16
v=v_elettrone : = 16182264.943873
x0= : 9.9291355303811E-13
y0= : -7.8878048384093E-13
*****
i=59308
k(59308)=0.99901542918789
kQ(59308)=0.99803182775546
r1= : 1.2649739975357E-12
rpunto1 : = -13299998.468559
rduepunti0 : = -9.0149407548587E+25
fil : = 501.98521532358
fipunto1 : = 7.3337750327388E+18
fi_gradi : = 28761.634216007
t1 : = 1.0812403257017E-14
tpunto1 : = 1.0034146225552
tduepunti0 : = 4.701369836146E+16
v=v_elettrone : = 16197396.520722
x0= : 9.9236807626802E-13
y0= : -7.869627290845E-13
```

```
*****
i=59309
k(59309)=0.99901386002717
kQ(59309)=0.99802869252639
r1= : 1.263414191094E-12
rpunto1: = -13310587.467824
rduepunti0 : = -9.0289198861864E+25
fil : = 501.98607541913
fipunto1 : = 7.3518612061469E+18
fi_gradi : = 28761.683495852
t1 : = 1.0812403374697E-14
tpunto1 : = 1.003420154305
tduepunti0 : = 4.7167560008952E+16
v=v_elettrone : = 16212563.173827
x0= : 9.9182089601121E-13
y0= : -7.8514363315067E-13
*****
i=59310
k(59310)=0.99901228717711
kQ(59310)=0.99802554993083
r1= : 1.2618531427883E-12
rpunto1: = -13321192.899994
rduepunti0 : = -9.0429317288371E+25
fil : = 501.98693763581
fipunto1 : = 7.3700288198408E+18
fi_gradi : = 28761.732897229
t1 : = 1.0812403492376E-14
tpunto1 : = 1.0034257041898
tduepunti0 : = 4.7322191670268E+16
v=v_elettrone : = 16227765.049635
x0= : 9.9127200690096E-13
y0= : -7.8332319421315E-13
*****
i=59311
k(59311)=0.99901071062615
kQ(59311)=0.99802239994576
r1= : 1.2602908506914E-12
rpunto1: = -13331814.803467
rduepunti0 : = -9.0569763105807E+25
fil : = 501.98780198316
fipunto1 : = 7.3882783884934E+18
fi_gradi : = 28761.782420684
t1 : = 1.0812403610057E-14
tpunto1 : = 1.0034312723005
tduepunti0 : = 4.7477598513153E+16
v=v_elettrone : = 16243002.296001
x0= : 9.9072140354427E-13
y0= : -7.8150141044276E-13
*****
i=59312
k(59312)=0.99900913036272
kQ(59312)=0.99801924254807
r1= : 1.2587273128715E-12
rpunto1: = -13342453.216668
rduepunti0 : = -9.0710536580166E+25
fil : = 501.98866847079
fipunto1 : = 7.4066104309389E+18
fi_gradi : = 28761.832066768
t1 : = 1.0812403727738E-14
tpunto1 : = 1.0034368587287
tduepunti0 : = 4.7633785748514E+16
v=v_elettrone : = 16258275.060421
x0= : 9.9016908052172E-13
y0= : -7.7967828000733E-13
```

```
*****
i=59313
k(59313)=0.99900754637521
kQ(59313)=0.99801607771463
r1= : 1.2571625273924E-12
rpunto1:= -13353108.178056
rduepunti0 : = -9.0851637965485E+25
fil : = 501.98953710839
fipunto1 : = 7.4250254702141E+18
fi_gradi : = 28761.881836036
t1 : = 1.081240384542E-14
tpunto1 : = 1.0034424635664
tduepunti0 : = 4.7790758630854E+16
v=v_elettrone : = 16273583.492096
x0= : 9.8961503238716E-13
y0= : -7.7785380107193E-13
*****
i=59314
k(59314)=0.999005958652
kQ(59314)=0.9980129054222
r1= : 1.2555964923134E-12
rpunto1:= -13363779.726115
rduepunti0 : = -9.0993067503591E+25
fil : = 501.99040790567
fipunto1 : = 7.4435240335991E+18
fi_gradi : = 28761.931729046
t1 : = 1.0812403963102E-14
tpunto1 : = 1.0034480869065
tduepunti0 : = 4.7948522458702E+16
v=v_elettrone : = 16288927.740528
x0= : 9.8905925366763E-13
y0= : -7.7602797179875E-13
*****
i=59315
k(59315)=0.99900436718141
kQ(59315)=0.99800972564752
r1= : 1.2540292056891E-12
rpunto1:= -13374467.899358
rduepunti0 : = -9.113482542384E+25
fil : = 501.99128087244
fipunto1 : = 7.4621066526595E+18
fi_gradi : = 28761.981746357
t1 : = 1.0812404080785E-14
tpunto1 : = 1.0034537288423
tduepunti0 : = 4.810708257505E+16
v=v_elettrone : = 16304307.957235
x0= : 9.8850173886312E-13
y0= : -7.742007903472E-13
*****
i=59316
k(59316)=0.99900277195173
kQ(59316)=0.99800653836725
r1= : 1.2524606655699E-12
rpunto1:= -13385172.736322
rduepunti0 : = -9.1276911942855E+25
fil : = 501.99215601856
fipunto1 : = 7.4807738632885E+18
fi_gradi : = 28762.031888536
t1 : = 1.0812404198469E-14
tpunto1 : = 1.0034593894678
tduepunti0 : = 4.8266444367803E+16
v=v_elettrone : = 16319724.293626
x0= : 9.8794248244651E-13
y0= : -7.7237225487371E-13
```

```
*****
i=59317
k(59317)=0.99900117295125
kQ(59317)=0.99800334355797
r1= : 1.2508908700013E-12
rpunto1:= -13395894.275569
rduepunti0 : = -9.1419327264258E+25
fil : = 501.993033335395
fipunto1 : = 7.4995262057495E+18
fi_gradi : = 28762.082156151
t1 : = 1.0812404316153E-14
tpunto1 : = 1.0034650688777
tduepunti0 : = 4.8426613270218E+16
v=v_elettrone : = 16335176.902033
x0= : 9.8738147886329E-13
y0= : -7.7054236353199E-13
*****
i=59318
k(59318)=0.99899957016819
kQ(59318)=0.99800014119622
r1= : 1.2493198170247E-12
rpunto1:= -13406632.555682
rduepunti0 : = -9.1562071578397E+25
fil : = 501.99391288858
fipunto1 : = 7.5183642247191E+18
fi_gradi : = 28762.132549774
t1 : = 1.0812404433838E-14
tpunto1 : = 1.0034707671673
tduepunti0 : = 4.8587594761367E+16
v=v_elettrone : = 16350665.936036
x0= : 9.8681872253139E-13
y0= : -7.6871111447294E-13
*****
i=59319
k(59319)=0.99899796359076
kQ(59319)=0.99799693125848
r1= : 1.2477475046766E-12
rpunto1:= -13417387.615267
rduepunti0 : = -9.1705145062068E+25
fil : = 501.99479463251
fipunto1 : = 7.5372884693312E+18
fi_gradi : = 28762.183069979
t1 : = 1.0812404551524E-14
tpunto1 : = 1.0034764844326
tduepunti0 : = 4.874939436659E+16
v=v_elettrone : = 16366191.550082
x0= : 9.8625420784098E-13
y0= : -7.6687850584468E-13
*****
i=59320
k(59320)=0.99899635320714
kQ(59320)=0.99799371372116
r1= : 1.2461739309891E-12
rpunto1:= -13428159.492946
rduepunti0 : = -9.1848547878233E+25
fil : = 501.99567859586
fipunto1 : = 7.5562994932212E+18
fi_gradi : = 28762.233717348
t1 : = 1.0812404669211E-14
tpunto1 : = 1.0034822207701
tduepunti0 : = 4.8912017657961E+16
v=v_elettrone : = 16381753.899471
x0= : 9.8568792915435E-13
y0= : -7.6504453579255E-13
```



```
*****
i=59321
k(59321)=0.99899473900547
kQ(59321)=0.9979904885606
r1= : 1.24459909399E-12
rpunto1:= -13438948.227362
rduepunti0 : = -9.1992280175732E+25
fil : = 501.99656478879
fipunto1 : = 7.5753978545701E+18
fi_gradi : = 28762.284492463
t1 : = 1.0812404786898E-14
tpunto1 : = 1.0034879762772
tduepunti0 : = 4.9075470254758E+16
v=v_elettrone : = 16397353.139979
x0= : 9.8511988080568E-13
y0= : -7.6320920245914E-13
*****
i=59322
k(59322)=0.99899312097386
kQ(59322)=0.9979872557531
r1= : 1.2430229917021E-12
rpunto1:= -13449753.85717
rduepunti0 : = -9.2136342088988E+25
fil : = 501.99745322155
fipunto1 : = 7.5945841161505E+18
fi_gradi : = 28762.335395911
t1 : = 1.0812404904585E-14
tpunto1 : = 1.0034937510516
tduepunti0 : = 4.9239757823937E+16
v=v_elettrone : = 16412989.429216
x0= : 9.845500571008E-13
y0= : -7.6137250398436E-13
*****
i=59323
k(59323)=0.99899149910041
kQ(59323)=0.99798401527488
r1= : 1.2414456221441E-12
rpunto1:= -13460576.421043
rduepunti0 : = -9.2280733737716E+25
fil : = 501.99834390445
fipunto1 : = 7.6138588453719E+18
fi_gradi : = 28762.386428282
t1 : = 1.0812405022274E-14
tpunto1 : = 1.0034995451921
tduepunti0 : = 4.9404886080613E+16
v=v_elettrone : = 16428662.925223
x0= : 9.8397845231711E-13
y0= : -7.5953443850536E-13
*****
i=59324
k(59324)=0.99898987337315
kQ(59324)=0.99798076710211
r1= : 1.2398669833299E-12
rpunto1:= -13471415.957662
rduepunti0 : = -9.242545522661E+25
fil : = 501.99923684787
fipunto1 : = 7.633222614327E+18
fi_gradi : = 28762.437590171
t1 : = 1.0812405139963E-14
tpunto1 : = 1.0035053587979
tduepunti0 : = 4.9570860788548E+16
v=v_elettrone : = 16444373.787131
x0= : 9.8340506070334E-13
y0= : -7.5769500415655E-13
```

```
*****
i=59325
k(59325)=0.99898824378013
kQ(59325)=0.99797751121091
r1= : 1.2382870732691E-12
rpunto1 : = -13482272.505723
rduepunti0 : = -9.2570506645043E+25
fil : = 502.00013206224
fipunto1 : = 7.6526759998388E+18
fi_gradi : = 28762.488882176
t1 : = 1.0812405257653E-14
tpunto1 : = 1.0035111919689
tduepunti0 : = 4.9737687760639E+16
v=v_elettrone : = 16460122.174453
x0= : 9.8282987647935E-13
y0= : -7.5585419906968E-13
*****
i=59326
k(59326)=0.99898661030932
kQ(59326)=0.99797424757731
r1= : 1.2367058899665E-12
rpunto1 : = -13493146.103926
rduepunti0 : = -9.2715888066747E+25
fil : = 502.00102955808
fipunto1 : = 7.6722195835077E+18
fi_gradi : = 28762.5403049
t1 : = 1.0812405375343E-14
tpunto1 : = 1.0035170448058
tduepunti0 : = 4.9905372859418E+16
v=v_elettrone : = 16475908.24843
x0= : 9.8225289383589E-13
y0= : -7.5401202137391E-13
*****
i=59327
k(59327)=0.9989849729487
kQ(59327)=0.99797097617732
r1= : 1.2351234314225E-12
rpunto1 : = -13504036.790982
rduepunti0 : = -9.2861599549498E+25
fil : = 502.00192934597
fipunto1 : = 7.6918539517595E+18
fi_gradi : = 28762.591858949
t1 : = 1.0812405493034E-14
tpunto1 : = 1.00352291741
tduepunti0 : = 5.0073921997554E+16
v=v_elettrone : = 16491732.170968
x0= : 9.8167410693449E-13
y0= : -7.5216846919568E-13
*****
i=59328
k(59328)=0.9989833316862
kQ(59328)=0.99796769698686
r1= : 1.2335396956329E-12
rpunto1 : = -13514944.605604
rduepunti0 : = -9.3007641134788E+25
fil : = 502.00283143655
fipunto1 : = 7.711579695894E+18
fi_gradi : = 28762.643544932
t1 : = 1.0812405610726E-14
tpunto1 : = 1.0035288098834
tduepunti0 : = 5.0243341138363E+16
v=v_elettrone : = 16507594.104975
x0= : 9.8109350990721E-13
y0= : -7.5032354065883E-13
```

```
*****
i=59329
k(59329)=0.99898168650972
kQ(59329)=0.9979644099818
r1= : 1.2319546805891E-12
rpunto1:= -13525869.58651
rduepunti0 : = -9.3154012847491E+25
fil : = 502.00373584054
fipunto1 : = 7.731397412134E+18
fi_gradi : = 28762.695363463
t1 : = 1.0812405728419E-14
tpunto1 : = 1.0035347223288
tduepunti0 : = 5.0413636296324E+16
v=v_elettrone : = 16523494.213964
x0= : 9.8051109685647E-13
y0= : -7.4847723388458E-13
*****
i=59330
k(59330)=0.99898003740714
kQ(59330)=0.99796111513797
r1= : 1.2303683842779E-12
rpunto1:= -13536811.772416
rduepunti0 : = -9.3300714695534E+25
fil : = 502.00464256873
fipunto1 : = 7.7513077016749E+18
fi_gradi : = 28762.747315162
t1 : = 1.0812405846112E-14
tpunto1 : = 1.0035406548496
tduepunti0 : = 5.0584813537596E+16
v=v_elettrone : = 16539432.663074
x0= : 9.7992686185479E-13
y0= : -7.4662954699162E-13
*****
i=59331
k(59331)=0.99897838436631
kQ(59331)=0.99795781243113
r1= : 1.2287808046813E-12
rpunto1:= -13547771.20204
rduepunti0 : = -9.3447746669547E+25
fil : = 502.00555163197
fipunto1 : = 7.7713111707351E+18
fi_gradi : = 28762.799400648
t1 : = 1.0812405963806E-14
tpunto1 : = 1.00354660755
tduepunti0 : = 5.0756878980549E+16
v=v_elettrone : = 16555409.618005
x0= : 9.7934079894465E-13
y0= : -7.4478047809604E-13
*****
i=59332
k(59332)=0.99897672737505
kQ(59332)=0.99795450183697
r1= : 1.2271919397772E-12
rpunto1:= -13558747.914096
rduepunti0 : = -9.3595108742516E+25
fil : = 502.00646304119
fipunto1 : = 7.7914084306063E+18
fi_gradi : = 28762.85162055
t1 : = 1.0812406081501E-14
tpunto1 : = 1.003552580535
tduepunti0 : = 5.0929838796298E+16
v=v_elettrone : = 16571425.24568
x0= : 9.7875290213826E-13
y0= : -7.4293002531139E-13
```

```
*****
i=59333
k(59333)=0.99897506642116
kQ(59333)=0.99795118333115
r1= : 1.2256017875386E-12
rpunto1 : = -13569741.947291
rduepunti0 : = -9.3742800869427E+25
fil : = 502.00737680739
fipunto1 : = 7.8116000977059E+18
fi_gradi : = 28762.903975497
t1 : = 1.0812406199196E-14
tpunto1 : = 1.0035585739101
tduepunti0 : = 5.1103699209237E+16
v=v_elettrone : = 16587479.714215
x0= : 9.7816316541737E-13
y0= : -7.4107818674871E-13
*****
i=59334
k(59334)=0.99897340149238
kQ(59334)=0.99794785688925
r1= : 1.2240103459342E-12
rpunto1 : = -13580753.340327
rduepunti0 : = -9.3890822986907E+25
fil : = 502.00829294164
fipunto1 : = 7.8318867936279E+18
fi_gradi : = 28762.956466123
t1 : = 1.0812406316892E-14
tpunto1 : = 1.0035645877816
tduepunti0 : = 5.1278466497592E+16
v=v_elettrone : = 16603573.191863
x0= : 9.7757158273306E-13
y0= : -7.3922496051648E-13
*****
i=59335
k(59335)=0.99897173257646
kQ(59335)=0.99794452248682
r1= : 1.222417612928E-12
rpunto1 : = -13591782.131894
rduepunti0 : = -9.4039175012855E+25
fil : = 502.00921145509
fipunto1 : = 7.8522691451964E+18
fi_gradi : = 28763.009093067
t1 : = 1.0812406434589E-14
tpunto1 : = 1.0035706222567
tduepunti0 : = 5.1454146993967E+16
v=v_elettrone : = 16619705.849038
x0= : 9.7697814800548E-13
y0= : -7.3737034472081E-13
*****
i=59336
k(59336)=0.99897005966111
kQ(59336)=0.99794118009932
r1= : 1.2208235864795E-12
rpunto1 : = -13602828.360673
rduepunti0 : = -9.4187856846062E+25
fil : = 502.01013235895
fipunto1 : = 7.8727477845184E+18
fi_gradi : = 28763.061856972
t1 : = 1.0812406552286E-14
tpunto1 : = 1.0035766774433
tduepunti0 : = 5.1630747085909E+16
v=v_elettrone : = 16635877.856233
x0= : 9.763828551237E-13
y0= : -7.3551433746528E-13
```

```
*****
i=59337
k(59337)=0.99896838273401
kQ(59337)=0.9979378297022
r1= : 1.2192282645437E-12
rpunto1: = -13613892.065328
rduepunti0 : = -9.4336868365839E+25
fil : = 502.01105566453
fipunto1 : = 7.8933233490379E+18
fi_gradi : = 28763.114758484
t1 : = 1.0812406669984E-14
tpunto1 : = 1.0035827534499
tduepunti0 : = 5.1808273216467E+16
v=v_elettrone : = 16652089.385702
x0= : 9.7578569794545E-13
y0= : -7.336569368511E-13
*****
i=59338
k(59338)=0.99896670178281
kQ(59338)=0.99793447127082
r1= : 1.2176316450711E-12
rpunto1: = -13624973.284508
rduepunti0 : = -9.4486209431621E+25
fil : = 502.01198138317
fipunto1 : = 7.9139964815906E+18
fi_gradi : = 28763.167798256
t1 : = 1.0812406787683E-14
tpunto1 : = 1.0035888503859
tduepunti0 : = 5.1986731884771E+16
v=v_elettrone : = 16668340.610407
x0= : 9.7518667029694E-13
y0= : -7.3179814097706E-13
*****
i=59339
k(59339)=0.99896501679514
kQ(59339)=0.99793110478051
r1= : 1.2160337260077E-12
rpunto1: = -13636072.056843
rduepunti0 : = -9.4635879882577E+25
fil : = 502.01290952634
fipunto1 : = 7.9347678304587E+18
fi_gradi : = 28763.220976942
t1 : = 1.0812406905383E-14
tpunto1 : = 1.0035949683614
tduepunti0 : = 5.2166129646603E+16
v=v_elettrone : = 16684631.70432
x0= : 9.7458576597264E-13
y0= : -7.2993794793954E-13
*****
i=59340
k(59340)=0.9989633277586
kQ(59340)=0.99792773020653
r1= : 1.2144345052947E-12
rpunto1: = -13647188.420941
rduepunti0 : = -9.4785879537203E+25
fil : = 502.01384010554
fipunto1 : = 7.9556380494271E+18
fi_gradi : = 28763.274295203
t1 : = 1.0812407023083E-14
tpunto1 : = 1.0036011074873
tduepunti0 : = 5.2346473114989E+16
v=v_elettrone : = 16700962.842743
x0= : 9.7398297873504E-13
y0= : -7.2807635583262E-13
```

```
*****
i=59341
k(59341)=0.99896163466076
kQ(59341)=0.9979243475241
r1= : 1.212833980869E-12
rpunto1 : = -13658322.415388
rduepunti0 : = -9.4936208192919E+25
fil : = 502.01477313238
fipunto1 : = 7.9766077978397E+18
fi_gradi : = 28763.327753703
t1 : = 1.0812407140784E-14
tpunto1 : = 1.0036072678754
tduepunti0 : = 5.2527768960792E+16
v=v_elettrone : = 16717334.201934
x0= : 9.7337830231443E-13
y0= : -7.26213362748E-13
*****
i=59342
k(59342)=0.99895993748918
kQ(59342)=0.99792095670839
r1= : 1.211232150663E-12
rpunto1 : = -13669474.078742
rduepunti0 : = -9.5086865625646E+25
fil : = 502.01570861852
fipunto1 : = 7.9976777406569E+18
fi_gradi : = 28763.38135311
t1 : = 1.0812407258486E-14
tpunto1 : = 1.0036134496382
tduepunti0 : = 5.2710023913305E+16
v=v_elettrone : = 16733745.958729
x0= : 9.7277173040873E-13
y0= : -7.2434896677509E-13
*****
i=59343
k(59343)=0.99895823623139
kQ(59343)=0.99791755773452
r1= : 1.2096290126045E-12
rpunto1 : = -13680643.449532
rduepunti0 : = -9.5237851589387E+25
fil : = 502.01664657571
fipunto1 : = 8.0188485485132E+18
fi_gradi : = 28763.435094099
t1 : = 1.0812407376188E-14
tpunto1 : = 1.0036196528888
tduepunti0 : = 5.2893244760866E+16
v=v_elettrone : = 16750198.292218
x0= : 9.7216325668315E-13
y0= : -7.2248316600111E-13
*****
i=59344
k(59344)=0.99895653087487
kQ(59344)=0.99791415057755
r1= : 1.2080245646168E-12
rpunto1 : = -13691830.566257
rduepunti0 : = -9.5389165815792E+25
fil : = 502.01758701579
fipunto1 : = 8.0401208977761E+18
fi_gradi : = 28763.488977347
t1 : = 1.0812407493892E-14
tpunto1 : = 1.0036258777414
tduepunti0 : = 5.3077438351466E+16
v=v_elettrone : = 16766691.381337
x0= : 9.715528747701E-13
y0= : -7.2061595851089E-13
```

```
*****
i=59345
k(59345)=0.9989548214071
kQ(59345)=0.99791073521249
r1= : 1.2064188046187E-12
rpunto1: = -13703035.46738
rduepunti0 : = -9.5540808013721E+25
fil : = 502.01852995067
fipunto1 : = 8.0614954706051E+18
fi_gradi : = 28763.543003535
t1 : = 1.0812407611595E-14
tpunto1 : = 1.0036321243109
tduepunti0 : = 5.3262611593374E+16
v=v_elettrone : = 16783225.407197
x0= : 9.7094057826886E-13
y0= : -7.1874734238717E-13
*****
i=59346
k(59346)=0.99895310781554
kQ(59346)=0.99790731161432
r1= : 1.2048117305244E-12
rpunto1: = -13714258.19133
rduepunti0 : = -9.5692777868796E+25
fil : = 502.01947539232
fipunto1 : = 8.0829729550117E+18
fi_gradi : = 28763.597173352
t1 : = 1.08124077293E-14
tpunto1 : = 1.003638392713
tduepunti0 : = 5.3448771455765E+16
v=v_elettrone : = 16799800.551034
x0= : 9.7032636074544E-13
y0= : -7.1687731571039E-13
*****
i=59347
k(59347)=0.99895139008761
kQ(59347)=0.99790387975796
r1= : 1.2032033402437E-12
rpunto1: = -13725498.776493
rduepunti0 : = -9.5845075042944E+25
fil : = 502.02042335283
fipunto1 : = 8.1045540449208E+18
fi_gradi : = 28763.651487488
t1 : = 1.0812407847006E-14
tpunto1 : = 1.0036446830642
tduepunti0 : = 5.3635924969356E+16
v=v_elettrone : = 16816416.99552
x0= : 9.6971021573221E-13
y0= : -7.1500587655894E-13
*****
i=59348
k(59348)=0.99894966821071
kQ(59348)=0.99790043961829
r1= : 1.2015936316819E-12
rpunto1: = -13736757.261215
rduepunti0 : = -9.5997699173937E+25
fil : = 502.02137384434
fipunto1 : = 8.1262394402311E+18
fi_gradi : = 28763.70594664
t1 : = 1.0812407964712E-14
tpunto1 : = 1.0036509954819
tduepunti0 : = 5.3824079227049E+16
v=v_elettrone : = 16833074.925413
x0= : 9.6909213672777E-13
y0= : -7.1313302300907E-13
```

```
*****
i=59349
k(59349)=0.99894794217223
kQ(59349)=0.99789699117013
r1= : 1.1999826027397E-12
rpunto1:= -13748033.683796
rduepunti0 : = -9.6150649874918E+25
fil : = 502.02232687908
fipunto1 : = 8.1480298468783E+18
fi_gradi : = 28763.760551508
t1 : = 1.0812408082419E-14
tpunto1 : = 1.0036573300842
tduepunti0 : = 5.4013241384585E+16
v=v_elettrone : = 16849774.525148
x0= : 9.6847211719674E-13
y0= : -7.1125875313484E-13
*****
i=59350
k(59350)=0.99894621195952
kQ(59350)=0.99789353438827
r1= : 1.1983702513134E-12
rpunto1:= -13759328.082486
rduepunti0 : = -9.6303926733921E+25
fil : = 502.02328246937
fipunto1 : = 8.1699259768977E+18
fi_gradi : = 28763.815302799
t1 : = 1.0812408200126E-14
tpunto1 : = 1.0036636869904
tduepunti0 : = 5.4203418661202E+16
v=v_elettrone : = 16866515.981175
x0= : 9.6785015056942E-13
y0= : -7.0938306500835E-13
*****
i=59351
k(59351)=0.99894447755991
kQ(59351)=0.99789006924745
r1= : 1.1967565752947E-12
rpunto1:= -13770640.495486
rduepunti0 : = -9.6457529313384E+25
fil : = 502.02424062762
fipunto1 : = 8.1919285484877E+18
fi_gradi : = 28763.870201223
t1 : = 1.0812408317835E-14
tpunto1 : = 1.0036700663201
tduepunti0 : = 5.4394618340304E+16
v=v_elettrone : = 16883299.48124
x0= : 9.6722623024162E-13
y0= : -7.0750595669961E-13
*****
i=59352
k(59352)=0.99894273896073
kQ(59352)=0.99788659572236
r1= : 1.1951415725711E-12
rpunto1:= -13781970.960941
rduepunti0 : = -9.661145714965E+25
fil : = 502.02520136629
fipunto1 : = 8.2140382860749E+18
fi_gradi : = 28763.925247494
t1 : = 1.0812408435544E-14
tpunto1 : = 1.0036764681943
tduepunti0 : = 5.4586847770134E+16
v=v_elettrone : = 16900125.213692
x0= : 9.6660034957442E-13
y0= : -7.0562742627661E-13
```



```
*****
i=59353
k(59353)=0.99894099614925
kQ(59353)=0.99788311378766
r1= : 1.1935252410252E-12
rpunto1: = -13793319.51694
rduerpunti0 : = -9.6765709752459E+25
fil : = 502.02616469797
fipunto1 : = 8.236255920379E+18
fi_gradi : = 28763.980442333
t1 : = 1.0812408553254E-14
tpunto1 : = 1.0036828927345
tduerpunti0 : = 5.4780114364459E+16
v=v_elettrone : = 16916993.368103
x0= : 9.6597250189389E-13
y0= : -7.0374747180541E-13
*****
i=59354
k(59354)=0.99893924911276
kQ(59354)=0.99787962341796
r1= : 1.1919075785356E-12
rpunto1: = -13804686.20151
rduerpunti0 : = -9.6920286604437E+25
fil : = 502.0271306353
fipunto1 : = 8.2585821884789E+18
fi_gradi : = 28764.035786466
t1 : = 1.0812408670964E-14
tpunto1 : = 1.0036893400633
tduerpunti0 : = 5.4974425603265E+16
v=v_elettrone : = 16933904.135915
x0= : 9.6534268049082E-13
y0= : -7.0186609135016E-13
*****
i=59355
k(59355)=0.99893749783849
kQ(59355)=0.99787612458783
r1= : 1.190288582976E-12
rpunto1: = -13816071.052616
rduerpunti0 : = -9.7075187160567E+25
fil : = 502.02809919103
fipunto1 : = 8.2810178338801E+18
fi_gradi : = 28764.091280621
t1 : = 1.0812408788675E-14
tpunto1 : = 1.0036958103041
tduerpunti0 : = 5.5169789033451E+16
v=v_elettrone : = 16950857.708719
x0= : 9.6471087862057E-13
y0= : -6.9998328297303E-13
*****
i=59356
k(59356)=0.99893574231369
kQ(59356)=0.99787261727181
r1= : 1.188668252216E-12
rpunto1: = -13827474.108152
rduerpunti0 : = -9.7230410847656E+25
fil : = 502.02907037798
fipunto1 : = 8.3035636065817E+18
fi_gradi : = 28764.146925534
t1 : = 1.0812408906388E-14
tpunto1 : = 1.0037023035811
tduerpunti0 : = 5.5366212269543E+16
v=v_elettrone : = 16967854.280574
x0= : 9.6407708950266E-13
y0= : -6.9809904473444E-13
```

```
*****
i=59357
k(59357)=0.99893398252557
kQ(59357)=0.99786910144439
r1= : 1.1870465841205E-12
rpunto1:= -13838895.405945
rduepunti0 : = -9.7385957063793E+25
fil : = 502.03004420907
fipunto1 : = 8.3262202631459E+18
fi_gradi : = 28764.202721946
t1 : = 1.0812409024101E-14
tpunto1 : = 1.0037088200196
tduepunti0 : = 5.556370299441E+16
v=v_elettrone : = 16984894.045612
x0= : 9.6344130632073E-13
y0= : -6.9621337469286E-13
*****
i=59358
k(59358)=0.9989322184613
kQ(59358)=0.99786557708001
r1= : 1.1854235765501E-12
rpunto1:= -13850334.983747
rduepunti0 : = -9.7541825177793E+25
fil : = 502.0310206973
fipunto1 : = 8.3489885667666E+18
fi_gradi : = 28764.2586706
t1 : = 1.0812409141814E-14
tpunto1 : = 1.0037153597457
tduepunti0 : = 5.5762268959989E+16
v=v_elettrone : = 17001977.200022
x0= : 9.6280352222209E-13
y0= : -6.9432627090505E-13
*****
i=59359
k(59359)=0.99893045010807
kQ(59359)=0.99786204415311
r1= : 1.183799227361E-12
rpunto1:= -13861792.879232
rduepunti0 : = -9.7698014528634E+25
fil : = 502.03199985577
fipunto1 : = 8.3718692873403E+18
fi_gradi : = 28764.314772248
t1 : = 1.0812409259529E-14
tpunto1 : = 1.0037219228863
tduepunti0 : = 5.5961917988022E+16
v=v_elettrone : = 17019103.940328
x0= : 9.6216373031757E-13
y0= : -6.9243773142596E-13
*****
i=59360
k(59360)=0.99892867745303
kQ(59360)=0.99785850263806
r1= : 1.1821735344049E-12
rpunto1:= -13873269.129993
rduepunti0 : = -9.7854524424883E+25
fil : = 502.03298169766
fipunto1 : = 8.3948632015368E+18
fi_gradi : = 28764.371027645
t1 : = 1.0812409377244E-14
tpunto1 : = 1.0037285095694
tduepunti0 : = 5.6162657970798E+16
v=v_elettrone : = 17036274.465363
x0= : 9.6152192368117E-13
y0= : -6.9054775430891E-13
```

```
*****
i=59361
k(59361)=0.99892690048332
kQ(59361)=0.99785495250922
r1= : 1.1805464955291E-12
rpunto1 : = -13884763.773539
rduepunti0 : = -9.8011354144112E+25
fil : = 502.03396623625
fipunto1 : = 8.4179710928716E+18
fi_gradi : = 28764.42743755
t1 : = 1.081240949496E-14
tpunto1 : = 1.003735119924
tduepunti0 : = 5.6364496871906E+16
v=v_elettrone : = 17053488.974232
x0= : 9.6087809534991E-13
y0= : -6.8865633760547E-13
*****
i=59362
k(59362)=0.99892511918606
kQ(59362)=0.99785139374089
r1= : 1.1789181085765E-12
rpunto1 : = -13896276.847289
rduepunti0 : = -9.8168502932306E+25
fil : = 502.0349534849
fipunto1 : = 8.4411937517787E+18
fi_gradi : = 28764.484002731
t1 : = 1.0812409612677E-14
tpunto1 : = 1.0037417540797
tduepunti0 : = 5.6567442727E+16
v=v_elettrone : = 17070747.668249
x0= : 9.6023223832348E-13
y0= : -6.8676347936563E-13
*****
i=59363
k(59363)=0.99892333354835
kQ(59363)=0.99784782630735
r1= : 1.1772883713857E-12
rpunto1 : = -13907808.388572
rduepunti0 : = -9.8325970003252E+25
fil : = 502.03594345707
fipunto1 : = 8.4645319756844E+18
fi_gradi : = 28764.540723959
t1 : = 1.0812409730394E-14
tpunto1 : = 1.0037484121675
tduepunti0 : = 5.6771503644567E+16
v=v_elettrone : = 17088050.749265
x0= : 9.5958434556401E-13
y0= : -6.8486917763775E-13
*****
i=59364
k(59364)=0.99892154355728
kQ(59364)=0.99784425018286
r1= : 1.1756572817908E-12
rpunto1 : = -13919358.434618
rduepunti0 : = -9.8483754537927E+25
fil : = 502.03693616632
fipunto1 : = 8.4879865690822E+18
fi_gradi : = 28764.597602009
t1 : = 1.0812409848112E-14
tpunto1 : = 1.003755094319
tduepunti0 : = 5.697668780671E+16
v=v_elettrone : = 17105398.420602
x0= : 9.5893440999579E-13
y0= : -6.8297343046862E-13
```

```
*****
i=59365
k(59365)=0.99891974919993
kQ(59365)=0.99784066534165
r1= : 1.1740248376216E-12
rpunto1: = -13930927.022561
rduerpunti0 : = -9.8641855683869E+25
fil : = 502.0379316263
fipunto1 : = 8.5115583436083E+18
fi_gradi : = 28764.654637664
t1 : = 1.0812409965831E-14
tpunto1 : = 1.0037618006669
tduepunti0 : = 5.7183003469937E+16
v=v_elettrone : = 17122790.887353
x0= : 9.5828242450498E-13
y0= : -6.8107623590359E-13
*****
i=59366
k(59366)=0.99891795046334
kQ(59366)=0.99783707175789
r1= : 1.1723910367035E-12
rpunto1: = -13942514.189427
rduerpunti0 : = -9.8800272554539E+25
fil : = 502.03892985074
fipunto1 : = 8.5352481181185E+18
fi_gradi : = 28764.711831712
t1 : = 1.0812410083551E-14
tpunto1 : = 1.003768531345
tduepunti0 : = 5.7390458965963E+16
v=v_elettrone : = 17140228.35501
x0= : 9.5762838193939E-13
y0= : -6.7917759198645E-13
*****
i=59367
k(59367)=0.99891614733458
kQ(59367)=0.99783346940575
r1= : 1.1707558768576E-12
rpunto1: = -13954119.972136
rduerpunti0 : = -9.8959004228669E+25
fil : = 502.03993085349
fipunto1 : = 8.5590567187655E+18
fi_gradi : = 28764.769184944
t1 : = 1.0812410201272E-14
tpunto1 : = 1.0037752864878
tduepunti0 : = 5.7599062702521E+16
v=v_elettrone : = 17157711.03108
x0= : 9.5697227510812E-13
y0= : -6.7727749675965E-13
*****
i=59368
k(59368)=0.99891433980066
kQ(59368)=0.99782985825938
r1= : 1.1691193559006E-12
rpunto1: = -13965744.407496
rduerpunti0 : = -9.91180497496E+25
fil : = 502.04093464847
fipunto1 : = 8.5829849790778E+18
fi_gradi : = 28764.826698161
t1 : = 1.0812410318993E-14
tpunto1 : = 1.003782066231
tduepunti0 : = 5.7808823164177E+16
v=v_elettrone : = 17175239.124721
x0= : 9.5631409678134E-13
y0= : -6.7537594826425E-13
```

```
*****
i=59369
k(59369)=0.9989125278486
kQ(59369)=0.99782623829288
r1= : 1.1674814716451E-12
rpunto1:= -13977387.532199
rduerpunti0 : = -9.927740812461E+25
fil : = 502.04194124974
fipunto1 : = 8.6070337400389E+18
fi_gradi : = 28764.884372165
t1 : = 1.0812410436716E-14
tpunto1 : = 1.0037888707113
tduerpunti0 : = 5.8019748913167E+16
v=v_elettrone : = 17192812.845029
x0= : 9.5565383969004E-13
y0= : -6.7347294453989E-13
*****
i=59370
k(59370)=0.99891071146542
kQ(59370)=0.99782260948034
r1= : 1.1658422218992E-12
rpunto1:= -13989049.382813
rduerpunti0 : = -9.9437078324223E+25
fil : = 502.04295067141
fipunto1 : = 8.6312038501684E+18
fi_gradi : = 28764.942207766
t1 : = 1.0812410554439E-14
tpunto1 : = 1.0037957000665
tduerpunti0 : = 5.8231848590232E+16
v=v_elettrone : = 17210432.404309
x0= : 9.5499149652561E-13
y0= : -6.7156848362505E-13
*****
i=59371
k(59371)=0.9989088906381
kQ(59371)=0.99781897179584
r1= : 1.1642016044666E-12
rpunto1:= -14000729.995785
rduerpunti0 : = -9.9597059281516E+25
fil : = 502.04396292772
fipunto1 : = 8.6554961656029E+18
fi_gradi : = 28765.000205781
t1 : = 1.0812410672163E-14
tpunto1 : = 1.003802554435
tduerpunti0 : = 5.8445130915471E+16
v=v_elettrone : = 17228098.014398
x0= : 9.5432705993974E-13
y0= : -6.6966256355686E-13
*****
i=59372
k(59372)=0.99890706535363
kQ(59372)=0.9978153252134
r1= : 1.162559617147E-12
rpunto1:= -14012429.407431
rduerpunti0 : = -9.9757349891401E+25
fil : = 502.044978033
fipunto1 : = 8.6799115501793E+18
fi_gradi : = 28765.058367029
t1 : = 1.0812410789887E-14
tpunto1 : = 1.0038094339568
tduerpunti0 : = 5.8659604689205E+16
v=v_elettrone : = 17245809.88992
x0= : 9.5366052254394E-13
y0= : -6.6775518237137E-13
```

```
*****
i=59373
k(59373)=0.99890523559899
kQ(59373)=0.99781166970707
r1= : 1.1609162577357E-12
rpunto1 : = -14024147.653931
rduepunti0 : = -9.9917949009905E+25
fil : = 502.04599600168
fipunto1 : = 8.7044508755178E+18
fi_gradi : = 28765.116692338
t1 : = 1.0812410907613E-14
tpunto1 : = 1.0038163387726
tduepunti0 : = 5.8875278792842E+16
v=v_elettrone : = 17263568.24626
x0= : 9.5299187690938E-13
y0= : -6.6584633810341E-13
*****
i=59374
k(59374)=0.99890340136113
kQ(59374)=0.99780800525084
r1= : 1.1592715240238E-12
rpunto1 : = -14035884.771329
rduepunti0 : = -1.0007885545343E+26
fil : = 502.04701684831
fipunto1 : = 8.7291150211072E+18
fi_gradi : = 28765.175182541
t1 : = 1.0812411025339E-14
tpunto1 : = 1.0038232690242
tduepunti0 : = 5.9092162189767E+16
v=v_elettrone : = 17281373.300182
x0= : 9.5232111556656E-13
y0= : -6.6393602878675E-13
*****
i=59375
k(59375)=0.99890156262703
kQ(59375)=0.99780433181871
r1= : 1.157625413798E-12
rpunto1 : = -14047640.795523
rduepunti0 : = -1.00240067998E+26
fil : = 502.04804058751
fipunto1 : = 8.7539048743902E+18
fi_gradi : = 28765.233838477
t1 : = 1.0812411143066E-14
tpunto1 : = 1.0038302248544
tduepunti0 : = 5.9310263926235E+16
v=v_elettrone : = 17299225.270108
x0= : 9.5164823100499E-13
y0= : -6.6202425245411E-13
*****
i=59376
k(59376)=0.99889971938361
kQ(59376)=0.99780064938466
r1= : 1.1559779248411E-12
rpunto1 : = -14059415.762265
rduepunti0 : = -1.0040158537851E+26
fil : = 502.04906723404
fipunto1 : = 8.7788213308507E+18
fi_gradi : = 28765.29266099
t1 : = 1.0812411260794E-14
tpunto1 : = 1.0038372064073
tduepunti0 : = 5.952959313227E+16
v=v_elettrone : = 17317124.375415
x0= : 9.5097321567292E-13
y0= : -6.6011100713724E-13
```

```
*****
i=59377
k(59377)=0.99889787161784
kQ(59377)=0.99779695792265
r1= : 1.1543290549315E-12
rpunto1 : = -14071209.707151
rduepunti0 : = -1.0056340628791E+26
fil : = 502.05009680273
fipunto1 : = 8.8038652941015E+18
fi_gradi : = 28765.351650931
t1 : = 1.0812411378523E-14
tpunto1 : = 1.0038442138279
tduepunti0 : = 5.9750159022587E+16
v=v_elettrone : = 17335070.8377
x0= : 9.5029606197698E-13
y0= : -6.5819629086697E-13
*****
i=59378
k(59378)=0.99889601931664
kQ(59378)=0.99779325740663
r1= : 1.1526788018435E-12
rpunto1 : = -14083022.665622
rduepunti0 : = -1.0072552937647E+26
fil : = 502.05112930855
fipunto1 : = 8.8290376759736E+18
fi_gradi : = 28765.410809157
t1 : = 1.0812411496252E-14
tpunto1 : = 1.0038512472623
tduepunti0 : = 5.9971970897521E+16
v=v_elettrone : = 17353064.879425
x0= : 9.4961676228198E-13
y0= : -6.5628010167319E-13
*****
i=59379
k(59379)=0.99889416246694
kQ(59379)=0.99778954781053
r1= : 1.1510271633471E-12
rpunto1 : = -14094854.672952
rduepunti0 : = -1.0088795325091E+26
fil : = 502.05216476655
fipunto1 : = 8.8543393966062E+18
fi_gradi : = 28765.47013653
t1 : = 1.0812411613983E-14
tpunto1 : = 1.0038583068577
tduepunti0 : = 6.019503814396E+16
v=v_elettrone : = 17371106.724188
x0= : 9.4893530891052E-13
y0= : -6.5436243758501E-13
*****
i=59380
k(59380)=0.99889230105568
kQ(59380)=0.99778582910831
r1= : 1.1493741372083E-12
rpunto1 : = -14106705.764249
rduepunti0 : = -1.0105067647362E+26
fil : = 502.0532031919
fipunto1 : = 8.8797713845383E+18
fi_gradi : = 28765.52963392
t1 : = 1.0812411731714E-14
tpunto1 : = 1.0038653927625
tduepunti0 : = 6.0419370236301E+16
v=v_elettrone : = 17389196.597666
x0= : 9.4825169414263E-13
y0= : -6.524432966308E-13
```

```
*****
i=59381
k(59381)=0.99889043506977
kQ(59381)=0.99778210127387
r1= : 1.1477197211891E-12
rpunto1:= -14118575.974446
rduepunti0 : = -1.0121369756181E+26
fil : = 502.05424459989
fipunto1 : = 8.9053345768014E+18
fi_gradi : = 28765.589302202
t1 : = 1.0812411849446E-14
tpunto1 : = 1.0038725051261
tduepunti0 : = 6.0644976737411E+16
v=v_elettrone : = 17407334.726903
x0= : 9.4756591021556E-13
y0= : -6.5052267683822E-13
*****
i=59382
k(59382)=0.99888856449613
kQ(59382)=0.99777836428114
r1= : 1.1460639130471E-12
rpunto1:= -14130465.338298
rduepunti0 : = -1.0137701498666E+26
fil : = 502.05528900589
fipunto1 : = 8.9310299190128E+18
fi_gradi : = 28765.649142258
t1 : = 1.0812411967179E-14
tpunto1 : = 1.0038796440992
tduepunti0 : = 6.0871867299605E+16
v=v_elettrone : = 17425521.340592
x0= : 9.4687794932343E-13
y0= : -6.4860057623426E-13
*****
i=59383
k(59383)=0.99888668932168
kQ(59383)=0.99777461810404
r1= : 1.1444067105361E-12
rpunto1:= -14142373.890373
rduepunti0 : = -1.0154062717244E+26
fil : = 502.05633642541
fipunto1 : = 8.9568583654712E+18
fi_gradi : = 28765.709154976
t1 : = 1.0812412084912E-14
tpunto1 : = 1.0038868098334
tduepunti0 : = 6.1100051665628E+16
v=v_elettrone : = 17443756.668365
x0= : 9.4618780361692E-13
y0= : -6.4667699284529E-13
*****
i=59384
k(59384)=0.99888480953335
kQ(59384)=0.99777086271648
r1= : 1.1427481114056E-12
rpunto1:= -14154301.66505
rduepunti0 : = -1.0170453249563E+26
fil : = 502.05738687406
fipunto1 : = 8.9828208792522E+18
fi_gradi : = 28765.76934125
t1 : = 1.0812412202647E-14
tpunto1 : = 1.0038940024817
tduepunti0 : = 6.1329539669661E+16
v=v_elettrone : = 17462040.941724
x0= : 9.454954652029E-13
y0= : -6.4475192469718E-13
```



```
*****
i=59385
k(59385)=0.99888292511805
kQ(59385)=0.99776709809239
r1= : 1.1410881134013E-12
rpunto1 : = -14166248.696511
rduepunti0 : = -1.0186872928404E+26
fil : = 502.05844036755
fipunto1 : = 9.0089184323065E+18
fi_gradi : = 28765.829701981
t1 : = 1.0812412320382E-14
tpunto1 : = 1.0039012221981
tduepunti0 : = 6.1560341238327E+16
v=v_elettrone : = 17480374.393673
x0= : 9.4480092614412E-13
y0= : -6.4282536981536E-13
*****
i=59386
k(59386)=0.99888103606269
kQ(59386)=0.99776332420568
r1= : 1.1394267142648E-12
rpunto1 : = -14178215.018739
rduepunti0 : = -1.0203321581586E+26
fil : = 502.05949692173
fipunto1 : = 9.0351520055579E+18
fi_gradi : = 28765.890238077
t1 : = 1.0812412438118E-14
tpunto1 : = 1.0039084691378
tduepunti0 : = 6.1792466391723E+16
v=v_elettrone : = 17498757.258963
x0= : 9.4410417845892E-13
y0= : -6.4089732622482E-13
*****
i=59387
k(59387)=0.99887914235421
kQ(59387)=0.99775954103027
r1= : 1.1377639117336E-12
rpunto1 : = -14190200.665504
rduepunti0 : = -1.0219799031874E+26
fil : = 502.06055655256
fipunto1 : = 9.0615225890036E+18
fi_gradi : = 28765.950950451
t1 : = 1.0812412555856E-14
tpunto1 : = 1.0039157434572
tduepunti0 : = 6.2025925244452E+16
v=v_elettrone : = 17517189.773422
x0= : 9.4340521412086E-13
y0= : -6.3896779195022E-13
*****
i=59388
k(59388)=0.99887724397951
kQ(59388)=0.99775574854011
r1= : 1.1360997035414E-12
rpunto1 : = -14202205.670368
rduepunti0 : = -1.0236305096886E+26
fil : = 502.06161927608
fipunto1 : = 9.0880311818155E+18
fi_gradi : = 28766.011840024
t1 : = 1.0812412673593E-14
tpunto1 : = 1.0039230453141
tduepunti0 : = 6.2260728006678E+16
v=v_elettrone : = 17535672.17485
x0= : 9.427040250584E-13
y0= : -6.3703676501595E-13
```

```
*****
i=59389
k(59389)=0.99887534092554
kQ(59389)=0.99775194670912
r1= : 1.134434087418E-12
rpunto1 : = -14214230.066667
rduepunti0 : = -1.0252839588992E+26
fil : = 502.06268510851
fipunto1 : = 9.1146787924427E+18
fi_gradi : = 28766.072907723
t1 : = 1.0812412791332E-14
tpunto1 : = 1.0039303748671
tduepunti0 : = 6.249688498519E+16
v=v_elettrone : = 17554204.702329
x0= : 9.4200060315455E-13
y0= : -6.3510424344618E-13
*****
i=59390
k(59390)=0.99887343317923
kQ(59390)=0.99774813551127
r1= : 1.132767061089E-12
rpunto1 : = -14226273.887515
rduepunti0 : = -1.0269402315218E+26
fil : = 502.06375406613
fipunto1 : = 9.1414664387155E+18
fi_gradi : = 28766.134154483
t1 : = 1.0812412909072E-14
tpunto1 : = 1.0039377322763
tduepunti0 : = 6.2734406584479E+16
v=v_elettrone : = 17572787.597137
x0= : 9.4129494024652E-13
y0= : -6.33170225265E-13
*****
i=59391
k(59391)=0.99887152072752
kQ(59391)=0.9977443149205
r1= : 1.1310986222765E-12
rpunto1 : = -14238337.165792
rduepunti0 : = -1.0285993077145E+26
fil : = 502.06482616536
fipunto1 : = 9.1683951479506E+18
fi_gradi : = 28766.195581245
t1 : = 1.0812413026812E-14
tpunto1 : = 1.003945117703
tduepunti0 : = 6.2973303307831E+16
v=v_elettrone : = 17591421.10106
x0= : 9.4058702812545E-13
y0= : -6.312347084963E-13
*****
i=59392
k(59392)=0.99886960355735
kQ(59392)=0.99774048491081
r1= : 1.1294287686985E-12
rpunto1 : = -14250419.934139
rduepunti0 : = -1.0302611670808E+26
fil : = 502.06590142277
fipunto1 : = 9.1954659570577E+18
fi_gradi : = 28766.257188956
t1 : = 1.0812413144554E-14
tpunto1 : = 1.0039525313098
tduepunti0 : = 6.3213585758431E+16
v=v_elettrone : = 17610105.458307
x0= : 9.3987685853592E-13
y0= : -6.2929769116412E-13
```

```
*****
i=59393
k(59393)=0.99886768165568
kQ(59393)=0.99773664545619
r1= : 1.1277574980692E-12
rpunto1 : = -14262522.22495
rduepunti0 : = -1.0319257886588E+26
fil : = 502.066979855
fipunto1 : = 9.2226799126479E+18
fi_gradi : = 28766.318978571
t1 : = 1.0812413262296E-14
tpunto1 : = 1.0039599732603
tduepunti0 : = 6.3455264640486E+16
v=v_elettrone : = 17628840.915092
x0= : 9.3916442317571E-13
y0= : -6.2735917129254E-13
*****
i=59394
k(59394)=0.99886575500948
kQ(59394)=0.99773279653066
r1= : 1.126084808099E-12
rpunto1 : = -14274644.070367
rduepunti0 : = -1.0335931509109E+26
fil : = 502.06806147885
fipunto1 : = 9.2500380711425E+18
fi_gradi : = 28766.380951053
t1 : = 1.0812413380039E-14
tpunto1 : = 1.0039674437196
tduepunti0 : = 6.3698350760354E+16
v=v_elettrone : = 17647627.718309
x0= : 9.3844971369545E-13
y0= : -6.2541914690568E-13
*****
i=59395
k(59395)=0.99886382360573
kQ(59395)=0.99772893810826
r1= : 1.1244106964947E-12
rpunto1 : = -14286785.502274
rduepunti0 : = -1.0352632317131E+26
fil : = 502.06914631123
fipunto1 : = 9.2775414988847E+18
fi_gradi : = 28766.44310737
t1 : = 1.0812413497783E-14
tpunto1 : = 1.0039749428541
tduepunti0 : = 6.3942855027698E+16
v=v_elettrone : = 17666466.116761
x0= : 9.377327216982E-13
y0= : -6.2347761602798E-13
*****
i=59396
k(59396)=0.99886188743141
kQ(59396)=0.99772507016304
r1= : 1.1227351609591E-12
rpunto1 : = -14298946.552287
rduepunti0 : = -1.0369360083435E+26
fil : = 502.07023436917
fipunto1 : = 9.3051912722513E+18
fi_gradi : = 28766.505448498
t1 : = 1.0812413615528E-14
tpunto1 : = 1.0039824708314
tduepunti0 : = 6.4188788456646E+16
v=v_elettrone : = 17685356.361731
x0= : 9.3701343873911E-13
y0= : -6.2153457668419E-13
```

```
*****
i=59397
k(59397)=0.99885994647353
kQ(59397)=0.99772119266911
r1= : 1.1210581991914E-12
rpunto1: = -14311127.251748
rduepunti0 : = -1.0386114574716E+26
fil : = 502.07132566984
fipunto1 : = 9.332988477767E+18
fi_gradi : = 28766.56797542
t1 : = 1.0812413733274E-14
tpunto1 : = 1.0039900278203
tduepunti0 : = 6.4436162166971E+16
v=v_elettrone : = 17704298.705003
x0= : 9.3629185632509E-13
y0= : -6.1959002689934E-13
*****
i=59398
k(59398)=0.99885800071911
kQ(59398)=0.99771730560058
r1= : 1.1193798088872E-12
rpunto1: = -14323327.631719
rduepunti0 : = -1.0402895551464E+26
fil : = 502.07242023054
fipunto1 : = 9.3609342122195E+18
fi_gradi : = 28766.630689129
t1 : = 1.081241385102E-14
tpunto1 : = 1.0039976139911
tduepunti0 : = 6.4684987385281E+16
v=v_elettrone : = 17723293.400732
x0= : 9.3556796591438E-13
y0= : -6.17643964699E-13
*****
i=59399
k(59399)=0.99885605015518
kQ(59399)=0.9977134089316
r1= : 1.1176999877384E-12
rpunto1: = -14335547.722975
rduepunti0 : = -1.0419702767851E+26
fil : = 502.07351806867
fipunto1 : = 9.3890295827764E+18
fi_gradi : = 28766.69359062
t1 : = 1.0812413968768E-14
tpunto1 : = 1.0040052295153
tduepunti0 : = 6.4935275446232E+16
v=v_elettrone : = 17742340.704726
x0= : 9.3484175891622E-13
y0= : -6.1569638810927E-13
*****
i=59400
k(59400)=0.99885409476879
kQ(59400)=0.99770950263637
r1= : 1.1160187334333E-12
rpunto1: = -14347787.555991
rduepunti0 : = -1.0436535971613E+26
fil : = 502.07461920179
fipunto1 : = 9.4172757071038E+18
fi_gradi : = 28766.756680901
t1 : = 1.0812414086516E-14
tpunto1 : = 1.0040128745659
tduepunti0 : = 6.518703779375E+16
v=v_elettrone : = 17761440.874712
x0= : 9.3411322669048E-13
y0= : -6.1374729515684E-13
```

```
*****
i=59401
k(59401)=0.99885213454701
kQ(59401)=0.99770558668911
r1= : 1.1143360436565E-12
rpunto1: = -14360047.160943
rduepunti0 : = -1.0453394903926E+26
fil : = 502.07572364758
fipunto1 : = 9.445673713486E+18
fi_gradi : = 28766.819960983
t1 : = 1.0812414204266E-14
tpunto1 : = 1.0040205493172
tduepunti0 : = 6.5440285982267E+16
v=v_elettrone : = 17780594.169957
x0= : 9.3338236054726E-13
y0= : -6.1179668386908E-13
*****
i=59402
k(59402)=0.99885016947693
kQ(59402)=0.99770166106409
r1= : 1.1126519160893E-12
rpunto1: = -14372326.567694
rduepunti0 : = -1.0470279299285E+26
fil : = 502.07683142385
fipunto1 : = 9.4742247409474E+18
fi_gradi : = 28766.883431888
t1 : = 1.0812414322016E-14
tpunto1 : = 1.0040282539446
tduepunti0 : = 6.5695031677987E+16
v=v_elettrone : = 17799800.851192
x0= : 9.3264915174656E-13
y0= : -6.0984455227412E-13
*****
i=59403
k(59403)=0.99884819954566
kQ(59403)=0.99769772573561
r1= : 1.1109663484093E-12
rpunto1: = -14384625.805786
rduepunti0 : = -1.0487188885378E+26
fil : = 502.07794254855
fipunto1 : = 9.5029299393754E+18
fi_gradi : = 28766.947094644
t1 : = 1.0812414439767E-14
tpunto1 : = 1.0040359886254
tduepunti0 : = 6.5951286660146E+16
v=v_elettrone : = 17819061.181199
x0= : 9.319135914978E-13
y0= : -6.0789089840103E-13
*****
i=59404
k(59404)=0.99884622474034
kQ(59404)=0.99769378067804
r1= : 1.1092793382907E-12
rpunto1: = -14396944.904435
rduepunti0 : = -1.0504123382959E+26
fil : = 502.07905703976
fipunto1 : = 9.5317904696457E+18
fi_gradi : = 28767.010950286
t1 : = 1.0812414557519E-14
tpunto1 : = 1.0040437535377
tduepunti0 : = 6.620906282231E+16
v=v_elettrone : = 17838375.424732
x0= : 9.3117567095948E-13
y0= : -6.0593572027981E-13
```

```
*****
i=59405
k(59405)=0.99884424504814
kQ(59405)=0.99768982586578
r1= : 1.1075908834044E-12
rpunto1: = -14409283.892522
rduepunti0 : = -1.0521082505716E+26
fil : = 502.08017491569
fipunto1 : = 9.5608075037483E+18
fi_gradi : = 28767.074999859
t1 : = 1.0812414675272E-14
tpunto1 : = 1.0040515488616
tduepunti0 : = 6.6468372173675E+16
v=v_elettrone : = 17857743.848143
x0= : 9.3043538123881E-13
y0= : -6.039790159415E-13
*****
i=59406
k(59406)=0.99884226045622
kQ(59406)=0.99768586127329
r1= : 1.1059009814176E-12
rpunto1: = -14421642.798583
rduepunti0 : = -1.0538065960143E+26
fil : = 502.0812961947
fipunto1 : = 9.589982224916E+18
fi_gradi : = 28767.139244414
t1 : = 1.0812414793026E-14
tpunto1 : = 1.0040593747781
tduepunti0 : = 6.6729226840391E+16
v=v_elettrone : = 17877166.719306
x0= : 9.296927133913E-13
y0= : -6.0202078341828E-13
*****
i=59407
k(59407)=0.99884027095181
kQ(59407)=0.99768188687508
r1= : 1.1042096299945E-12
rpunto1: = -14434021.6508
rduepunti0 : = -1.05550734454E+26
fil : = 502.08242089528
fipunto1 : = 9.6193158277544E+18
fi_gradi : = 28767.203685011
t1 : = 1.0812414910781E-14
tpunto1 : = 1.00406723147
tduepunti0 : = 6.6991639066901E+16
v=v_elettrone : = 17896644.308827
x0= : 9.289476584203E-13
y0= : -6.0006102074359E-13
*****
i=59408
k(59408)=0.99883827652214
kQ(59408)=0.99767790264573
r1= : 1.1025168267957E-12
rpunto1: = -14446420.476995
rduepunti0 : = -1.0572104653176E+26
fil : = 502.08354903607
fipunto1 : = 9.6488095183734E+18
fi_gradi : = 28767.268322717
t1 : = 1.0812415028536E-14
tpunto1 : = 1.0040751191214
tduepunti0 : = 6.7255621217297E+16
v=v_elettrone : = 17916176.888378
x0= : 9.2820020727671E-13
y0= : -5.9809972595213E-13
```

```
*****
i=59409
k(59409)=0.9988362771545
kQ(59409)=0.99767390855986
r1= : 1.1008225694789E-12
rpunto1 : = -14458839.304618
rduepunti0 : = -1.0589159267555E+26
fil : = 502.08468063585
fipunto1 : = 9.6784645145208E+18
fi_gradi : = 28767.333158608
t1 : = 1.0812415146293E-14
tpunto1 : = 1.0040830379178
tduepunti0 : = 6.7521185776695E+16
v=v_elettrone : = 17935764.731585
x0= : 9.2745035085849E-13
y0= : -5.9613689708005E-13
*****
i=59410
k(59410)=0.99883427283618
kQ(59410)=0.99766990459219
r1= : 1.0991268556981E-12
rpunto1 : = -14471278.160743
rduepunti0 : = -1.0606236964863E+26
fil : = 502.08581571352
fipunto1 : = 9.7082820457174E+18
fi_gradi : = 28767.398193768
t1 : = 1.081241526405E-14
tpunto1 : = 1.0040909880464
tduepunti0 : = 6.7788345352629E+16
v=v_elettrone : = 17955408.114276
x0= : 9.2669808001026E-13
y0= : -5.9417253216503E-13
*****
i=59411
k(59411)=0.99883226355453
kQ(59411)=0.99766589071747
r1= : 1.0974296831046E-12
rpunto1 : = -14483737.072049
rduepunti0 : = -1.0623337413532E+26
fil : = 502.08695428815
fipunto1 : = 9.7382633533942E+18
fi_gradi : = 28767.463429289
t1 : = 1.0812415381809E-14
tpunto1 : = 1.0040989696956
tduepunti0 : = 6.8057112676457E+16
v=v_elettrone : = 17975107.313769
x0= : 9.2594338552289E-13
y0= : -5.9220662924634E-13
*****
i=59412
k(59412)=0.99883024929692
kQ(59412)=0.99766186691055
r1= : 1.0957310493462E-12
rpunto1 : = -14496216.064823
rduepunti0 : = -1.0640460273948E+26
fil : = 502.08809637895
fipunto1 : = 9.7684096910314E+18
fi_gradi : = 28767.528866272
t1 : = 1.0812415499568E-14
tpunto1 : = 1.0041069830556
tduepunti0 : = 6.8327500604794E+16
v=v_elettrone : = 17994862.60975
x0= : 9.2518625813306E-13
y0= : -5.9023918636502E-13
```

```
*****
i=59413
k(59413)=0.99882823005076
kQ(59413)=0.99765783314634
r1= : 1.0940309520679E-12
rpunto1 : = -14508715.16494
rduerpunti0 : = -1.0657605198298E+26
fil : = 502.08924200528
fipunto1 : = 9.798722324299E+18
fi_gradi : = 28767.594505825
t1 : = 1.0812415617329E-14
tpunto1 : = 1.0041150283179
tduepunti0 : = 6.8599522120957E+16
v=v_elettrone : = 18014674.283568
x0= : 9.244266885229E-13
y0= : -5.8827020156389E-13
*****
i=59414
k(59414)=0.99882620580351
kQ(59414)=0.99765378939984
r1= : 1.0923293889114E-12
rpunto1 : = -14521234.397859
rduerpunti0 : = -1.067477183042E+26
fil : = 502.09039118663
fipunto1 : = 9.8292025311998E+18
fi_gradi : = 28767.660349066
t1 : = 1.081241573509E-14
tpunto1 : = 1.0041231056757
tduepunti0 : = 6.8873190336432E+16
v=v_elettrone : = 18034542.618481
x0= : 9.2366466731947E-13
y0= : -5.862996728877E-13
*****
i=59415
k(59415)=0.99882417654267
kQ(59415)=0.99764973564613
r1= : 1.0906263575157E-12
rpunto1 : = -14533773.788611
rduerpunti0 : = -1.0691959805643E+26
fil : = 502.09154394266
fipunto1 : = 9.8598516022139E+18
fi_gradi : = 28767.726397122
t1 : = 1.0812415852852E-14
tpunto1 : = 1.0041312153236
tduepunti0 : = 6.9148518492361E+16
v=v_elettrone : = 18054467.899886
x0= : 9.2290018509442E-13
y0= : -5.8432759838325E-13
*****
i=59416
k(59416)=0.99882214225575
kQ(59416)=0.99764567186037
r1= : 1.0889218555166E-12
rpunto1 : = -14546333.361788
rduerpunti0 : = -1.070916875063E+26
fil : = 502.09270029317
fipunto1 : = 9.8906708404453E+18
fi_gradi : = 28767.792651126
t1 : = 1.0812415970615E-14
tpunto1 : = 1.0041393574579
tduepunti0 : = 6.9425519961045E+16
v=v_elettrone : = 18074450.41524
x0= : 9.2213323236346E-13
y0= : -5.8235397609949E-13
```



```
*****
i=59417
k(59417)=0.99882010293036
kQ(59417)=0.99764159801782
r1= : 1.0872158805472E-12
rpunto1 : = -14558913.141536
rduepunti0 : = -1.0726398283214E+26
fil : = 502.09386025812
fipunto1 : = 9.9216615617708E+18
fi_gradi : = 28767.859112222
t1 : = 1.081241608838E-14
tpunto1 : = 1.0041475322763
tduepunti0 : = 6.9704208247471E+16
v=v_elettrone : = 18094490.45368
x0= : 9.2136379958602E-13
y0= : -5.8037880408757E-13
*****
i=59418
k(59418)=0.99881805855412
kQ(59418)=0.99763751409382
r1= : 1.0855084302376E-12
rpunto1 : = -14571513.151541
rduepunti0 : = -1.0743648012232E+26
fil : = 502.09502385763
fipunto1 : = 9.9528250949903E+18
fi_gradi : = 28767.925781562
t1 : = 1.0812416206145E-14
tpunto1 : = 1.0041557399784
tduepunti0 : = 6.9984596990856E+16
v=v_elettrone : = 18114588.306257
x0= : 9.2059187716471E-13
y0= : -5.7840208040106E-13
*****
i=59419
k(59419)=0.99881600911471
kQ(59419)=0.99763342006383
r1= : 1.0837995022153E-12
rpunto1 : = -14584133.415019
rduepunti0 : = -1.0760917537356E+26
fil : = 502.09619111195
fipunto1 : = 9.9841627819798E+18
fi_gradi : = 28767.992660309
t1 : = 1.0812416323911E-14
tpunto1 : = 1.0041639807652
tduepunti0 : = 7.0266699966211E+16
v=v_elettrone : = 18134744.267093
x0= : 9.1981745544492E-13
y0= : -5.7642380309604E-13
*****
i=59420
k(59420)=0.99881395459985
kQ(59420)=0.99762931590339
r1= : 1.082089094105E-12
rpunto1 : = -14596773.954707
rduepunti0 : = -1.0778206448923E+26
fil : = 502.09736204151
fipunto1 : = 1.0015675977846E+19
fi_gradi : = 28768.059749631
t1 : = 1.0812416441678E-14
tpunto1 : = 1.0041722548393
tduepunti0 : = 7.0550531085929E+16
v=v_elettrone : = 18154958.630817
x0= : 9.190405247144E-13
y0= : -5.7444397023107E-13
```

```
*****
i=59421
k(59421)=0.99881189499733
kQ(59421)=0.99762520158817
r1= : 1.0803772035288E-12
rpunto1 : = -14609434.792849
rduepunti0 : = -1.0795514327756E+26
fil : = 502.0985366669
fipunto1 : = 1.0047366051085E+19
fi_gradi : = 28768.127050708
t1 : = 1.0812416559446E-14
tpunto1 : = 1.004180562405
tduepunti0 : = 7.0836104401394E+16
v=v_elettrone : = 18175231.695282
x0= : 9.1826107520269E-13
y0= : -5.7246257986755E-13
*****
i=59422
k(59422)=0.998809830295
kQ(59422)=0.99762107709392
r1= : 1.0786638281059E-12
rpunto1 : = -14622115.951187
rduepunti0 : = -1.0812840744986E+26
fil : = 502.09971500887
fipunto1 : = 1.0079234383737E+19
fi_gradi : = 28768.19456473
t1 : = 1.0812416677215E-14
tpunto1 : = 1.0041889036684
tduepunti0 : = 7.1123434104601E+16
v=v_elettrone : = 18195563.760245
x0= : 9.1747909708078E-13
y0= : -5.7047963006969E-13
*****
i=59423
k(59423)=0.99880776048074
kQ(59423)=0.99761694239655
r1= : 1.0769489654534E-12
rpunto1 : = -14634817.450948
rduepunti0 : = -1.0830185261874E+26
fil : = 502.1008970883
fipunto1 : = 1.0111282371554E+19
fi_gradi : = 28768.262292892
t1 : = 1.0812416794985E-14
tpunto1 : = 1.0041972788372
tduepunti0 : = 7.1412534529817E+16
v=v_elettrone : = 18215955.126956
x0= : 9.1669458046058E-13
y0= : -5.6849511890459E-13
*****
i=59424
k(59424)=0.99880568554251
kQ(59424)=0.99761279747204
r1= : 1.0752326131856E-12
rpunto1 : = -14647539.312832
rduepunti0 : = -1.0847547429619E+26
fil : = 502.10208292629
fipunto1 : = 1.0143511424156E+19
fi_gradi : = 28768.330236404
t1 : = 1.0812416912756E-14
tpunto1 : = 1.0042056881206
tduepunti0 : = 7.1703420155243E+16
v=v_elettrone : = 18236406.099642
x0= : 9.1590751539445E-13
y0= : -5.6650904444253E-13
```

```
*****
i=59425
k(59425)=0.99880360546833
kQ(59425)=0.99760864229653
r1= : 1.0735147689145E-12
rpunto1: = -14660281.557001
rduerpunto0 : = -1.0864926789175E+26
fil : = 502.10327254405
fipunto1 : = 1.0175922965204E+19
fi_gradi : = 28768.398396481
t1 : = 1.0812417030528E-14
tpunto1 : = 1.0042141317298
tduerpunto0 : = 7.1996105604713E+16
v=v_elettrone : = 18256916.984179
x0= : 9.1511789187473E-13
y0= : -5.6452140475696E-13
*****
i=59426
k(59426)=0.99880152024628
kQ(59426)=0.99760447684628
r1= : 1.0717954302496E-12
rpunto1: = -14673044.203069
rduerpunto0 : = -1.0882322871051E+26
fil : = 502.104465963
fipunto1 : = 1.0208518432563E+19
fi_gradi : = 28768.46677435
t1 : = 1.0812417148301E-14
tpunto1 : = 1.0042226098776
tduerpunto0 : = 7.229060564941E+16
v=v_elettrone : = 18277488.088304
x0= : 9.1432569983328E-13
y0= : -5.6253219792466E-13
*****
i=59427
k(59427)=0.99879942986451
kQ(59427)=0.99760030109768
r1= : 1.0700745947983E-12
rpunto1: = -14685827.270082
rduerpunto0 : = -1.0899735195121E+26
fil : = 502.10566320471
fipunto1 : = 1.0241299278475E+19
fi_gradi : = 28768.535371247
t1 : = 1.0812417266074E-14
tpunto1 : = 1.0042311227785
tduerpunto0 : = 7.2586935209603E+16
v=v_elettrone : = 18298119.723082
x0= : 9.1353092914094E-13
y0= : -5.6054142202595E-13
*****
i=59428
k(59428)=0.99879733431125
kQ(59428)=0.99759611502725
r1= : 1.0683522601656E-12
rpunto1: = -14698630.776515
rduerpunto0 : = -1.0917163270423E+26
fil : = 502.1068642909
fipunto1 : = 1.0274266969732E+19
fi_gradi : = 28768.604188417
t1 : = 1.0812417383849E-14
tpunto1 : = 1.0042396706489
tduerpunto0 : = 7.2885109356411E+16
v=v_elettrone : = 18318812.200344
x0= : 9.1273356960712E-13
y0= : -5.5854907514467E-13
```

```
*****
i=59429
k(59429)=0.99879523357477
kQ(59429)=0.99759191861168
r1= : 1.0666284239543E-12
rpunto1 : = -14711454.74025
rduepunti0 : = -1.0934606594949E+26
fil : = 502.10806924351
fipunto1 : = 1.0307422987848E+19
fi_gradi : = 28768.673227116
t1 : = 1.0812417501625E-14
tpunto1 : = 1.0042482537069
tduepunti0 : = 7.3185143313587E+16
v=v_elettrone : = 18339565.835373
x0= : 9.1193361097922E-13
y0= : -5.565551553685E-13
*****
i=59430
k(59430)=0.99879312764345
kQ(59430)=0.99758771182779
r1= : 1.0649030837654E-12
rpunto1 : = -14724299.178571
rduepunti0 : = -1.0952064655444E+26
fil : = 502.10927808461
fipunto1 : = 1.0340768829242E+19
fi_gradi : = 28768.742488609
t1 : = 1.0812417619402E-14
tpunto1 : = 1.0042568721723
tduepunti0 : = 7.3487052459331E+16
v=v_elettrone : = 18360380.94465
x0= : 9.1113104294221E-13
y0= : -5.5455966078893E-13
*****
i=59431
k(59431)=0.99879101650573
kQ(59431)=0.99758349465256
r1= : 1.0631762371975E-12
rpunto1 : = -14737164.108144
rduepunti0 : = -1.0969536927189E+26
fil : = 502.11049083646
fipunto1 : = 1.0374306005412E+19
fi_gradi : = 28768.811974172
t1 : = 1.081241773718E-14
tpunto1 : = 1.0042655262671
tduepunti0 : = 7.3790852328119E+16
v=v_elettrone : = 18381257.847621
x0= : 9.1032585511802E-13
y0= : -5.5256258950156E-13
*****
i=59432
k(59432)=0.99878890015013
kQ(59432)=0.99757926706311
r1= : 1.0614478818475E-12
rpunto1 : = -14750049.545006
rduepunti0 : = -1.0987022873789E+26
fil : = 502.11170752152
fipunto1 : = 1.0408036043123E+19
fi_gradi : = 28768.88168509
t1 : = 1.0812417854959E-14
tpunto1 : = 1.0042742162147
tduepunti0 : = 7.4096558612568E+16
v=v_elettrone : = 18402196.866279
x0= : 9.0951803706512E-13
y0= : -5.5056393960613E-13
```

```
*****
i=59433
k(59433)=0.99878677856525
kQ(59433)=0.99757502903676
r1= : 1.0597180153103E-12
rpunto1 : = -14762955.504553
rduepunti0 : = -1.1004521946947E+26
fil : = 502.11292816238
fipunto1 : = 1.044196048459E+19
fi_gradi : = 28768.95162266
t1 : = 1.0812417972739E-14
tpunto1 : = 1.0042829422405
tduepunti0 : = 7.440418716531E+16
v=v_elettrone : = 18423198.323853
x0= : 9.0870757827804E-13
y0= : -5.4856370920664E-13
*****
i=59434
k(59434)=0.99878465173979
kQ(59434)=0.99757078055097
r1= : 1.057986635179E-12
rpunto1 : = -14775882.001521
rduepunti0 : = -1.1022033586246E+26
fil : = 502.11415278187
fipunto1 : = 1.0476080887666E+19
fi_gradi : = 28769.021788188
t1 : = 1.081241809052E-14
tpunto1 : = 1.0042917045719
tduepunti0 : = 7.4713754000912E+16
v=v_elettrone : = 18444262.546542
x0= : 9.078944681867E-13
y0= : -5.4656189641165E-13
*****
i=59435
k(59435)=0.99878251966251
kQ(59435)=0.9975665215834
r1= : 1.056253739045E-12
rpunto1 : = -14788829.049977
rduepunti0 : = -1.1039557218916E+26
fil : = 502.11538140294
fipunto1 : = 1.0510398826033E+19
fi_gradi : = 28769.09218299
t1 : = 1.0812418208302E-14
tpunto1 : = 1.0043005034382
tduepunti0 : = 7.5025275297799E+16
v=v_elettrone : = 18465389.863431
x0= : 9.0707869615598E-13
y0= : -5.4455849933435E-13
*****
i=59436
k(59436)=0.9987803823223
kQ(59436)=0.99756225211187
r1= : 1.0545193244981E-12
rpunto1 : = -14801796.6633
rduepunti0 : = -1.10570922596E+26
fil : = 502.11661404878
fipunto1 : = 1.0544915889393E+19
fi_gradi : = 28769.162808395
t1 : = 1.0812418326085E-14
tpunto1 : = 1.0043093390704
tduepunti0 : = 7.5338767400221E+16
v=v_elettrone : = 18486580.604841
x0= : 9.0626025148525E-13
y0= : -5.4255351609262E-13
```

```
*****
i=59437
k(59437)=0.9987782397081
kQ(59437)=0.99755797211441
r1= : 1.0527833891265E-12
rpunto1: = -14814784.854167
rduepunti0 : = -1.1074638110119E+26
fil : = 502.11785074274
fipunto1 : = 1.0579633683667E+19
fi_gradi : = 28769.233665739
t1 : = 1.0812418443869E-14
tpunto1 : = 1.0043182117016
tduepunti0 : = 7.5654246820239E+16
v=v_elettrone : = 18507835.10408
x0= : 9.0543912340768E-13
y0= : -5.4054694480934E-13
*****
i=59438
k(59438)=0.99877609180897
kQ(59438)=0.99755368156921
r1= : 1.0510459305168E-12
rpunto1: = -14827793.634538
rduepunti0 : = -1.1092194159227E+26
fil : = 502.11909150836
fipunto1 : = 1.0614553831194E+19
fi_gradi : = 28769.304756372
t1 : = 1.0812418561654E-14
tpunto1 : = 1.0043271215669
tduepunti0 : = 7.5971730239734E+16
v=v_elettrone : = 18529153.697029
x0= : 9.0461530108981E-13
y0= : -5.3853878361252E-13
*****
i=59439
k(59439)=0.99877393861409
kQ(59439)=0.9975493804547
r1= : 1.0493069462544E-12
rpunto1: = -14840823.015643
rduepunti0 : = -1.1109759782366E+26
fil : = 502.12033636936
fipunto1 : = 1.0649677970929E+19
fi_gradi : = 28769.376081654
t1 : = 1.081241867944E-14
tpunto1 : = 1.0043360689032
tduepunti0 : = 7.6291234512454E+16
v=v_elettrone : = 18550536.721737
x0= : 9.0378877363098E-13
y0= : -5.3652903063537E-13
*****
i=59440
k(59440)=0.9987717801127
kQ(59440)=0.99754506874948
r1= : 1.0475664339231E-12
rpunto1: = -14853873.007962
rduepunti0 : = -1.1127334341413E+26
fil : = 502.12158534968
fipunto1 : = 1.0685007758649E+19
fi_gradi : = 28769.447642954
t1 : = 1.0812418797228E-14
tpunto1 : = 1.0043450539495
tduepunti0 : = 7.6612776666075E+16
v=v_elettrone : = 18571984.518915
x0= : 9.0295953006279E-13
y0= : -5.3451768401656E-13
```

```
*****
i=59441
k(59441)=0.99876961629417
kQ(59441)=0.9975407464324
r1= : 1.0458243911058E-12
rpunto1 : = -14866943.621208
rduepunti0 : = -1.114491718442E+26
fil : = 502.12283847342
fipunto1 : = 1.0720544867162E+19
fi_gradi : = 28769.519441656
t1 : = 1.0812418915016E-14
tpunto1 : = 1.0043540769469
tduepunti0 : = 7.6936373904302E+16
v=v_elettrone : = 18593497.431232
x0= : 9.021275593485E-13
y0= : -5.325047419003E-13
*****
i=59442
k(59442)=0.99876744714798
kQ(59442)=0.99753641348249
r1= : 1.0440808153841E-12
rpunto1 : = -14880034.864318
rduepunti0 : = -1.1162507645359E+26
fil : = 502.12409576492
fipunto1 : = 1.0756290986516E+19
fi_gradi : = 28769.591479153
t1 : = 1.0812419032805E-14
tpunto1 : = 1.0043631381384
tduepunti0 : = 7.7262043608992E+16
v=v_elettrone : = 18615075.804118
x0= : 9.0129285038248E-13
y0= : -5.3049020243666E-13
*****
i=59443
k(59443)=0.99876527266372
kQ(59443)=0.99753206987903
r1= : 1.0423357043385E-12
rpunto1 : = -14893146.745426
rduepunti0 : = -1.1180105043847E+26
fil : = 502.12535724867
fipunto1 : = 1.0792247824213E+19
fi_gradi : = 28769.663756848
t1 : = 1.0812419150596E-14
tpunto1 : = 1.0043722377692
tduepunti0 : = 7.7589803342306E+16
v=v_elettrone : = 18636719.986263
x0= : 9.0045539198963E-13
y0= : -5.2847406378167E-13
*****
i=59444
k(59444)=0.99876309283109
kQ(59444)=0.99752771560153
r1= : 1.0405890555486E-12
rpunto1 : = -14906279.271855
rduepunti0 : = -1.1197708684879E+26
fil : = 502.12662294939
fipunto1 : = 1.0828417105423E+19
fi_gradi : = 28769.736276157
t1 : = 1.0812419268387E-14
tpunto1 : = 1.0043813760864
tduepunti0 : = 7.7919670848893E+16
v=v_elettrone : = 18658430.327671
x0= : 8.9961517292489E-13
y0= : -5.2645632409736E-13
```

```
*****
i=59445
k(59445)=0.99876090763993
kQ(59445)=0.99752335062973
r1= : 1.0388408665931E-12
rpunto1 : = -14919432.450093
rduepunti0 : = -1.1215317858551E+26
fil : = 502.127892892
fipunto1 : = 1.0864800573205E+19
fi_gradi : = 28769.809038509
t1 : = 1.081241938618E-14
tpunto1 : = 1.0043905533393
tduepunti0 : = 7.8251664058099E+16
v=v_elettrone : = 18680207.181998
x0= : 8.9877218187253E-13
y0= : -5.2443698155217E-13
*****
i=59446
k(59446)=0.99875871708017
kQ(59446)=0.99751897494362
r1= : 1.0370911350501E-12
rpunto1 : = -14932606.285777
rduepunti0 : = -1.123293183977E+26
fil : = 502.12916710162
fipunto1 : = 1.0901399988732E+19
fi_gradi : = 28769.882045342
t1 : = 1.0812419503973E-14
tpunto1 : = 1.0043997697793
tduepunti0 : = 7.8585801086214E+16
v=v_elettrone : = 18702050.904297
x0= : 8.9792640744569E-13
y0= : -5.2241603432096E-13
*****
i=59447
k(59447)=0.99875652114189
kQ(59447)=0.99751458852346
r1= : 1.0353398584969E-12
rpunto1 : = -14945800.783678
rduepunti0 : = -1.1250549887975E+26
fil : = 502.13044560356
fipunto1 : = 1.0938217131512E+19
fi_gradi : = 28769.955298108
t1 : = 1.0812419621768E-14
tpunto1 : = 1.0044090256601
tduepunti0 : = 7.8922100238738E+16
v=v_elettrone : = 18723961.853631
x0= : 8.9707783818563E-13
y0= : -5.2039348058537E-13
*****
i=59448
k(59448)=0.99875431981531
kQ(59448)=0.99751019134974
r1= : 1.0335870345102E-12
rpunto1 : = -14959015.947679
rduepunti0 : = -1.1268171246835E+26
fil : = 502.13172842338
fipunto1 : = 1.0975253799622E+19
fi_gradi : = 28770.028798269
t1 : = 1.0812419739564E-14
tpunto1 : = 1.0044183212374
tduepunti0 : = 7.926058001269E+16
v=v_elettrone : = 18745940.390551
x0= : 8.9622646256132E-13
y0= : -5.183693185338E-13
```



```

*****
i=59449
k(59449)=0.99875211309075
kQ(59449)=0.99750578340325
r1= : 1.0318326606663E-12
rpunto1: = -14972251.780756
rduepunti0 : = -1.1285795143951E+26
fil : = 502.1330155868
fipunto1 : = 1.1012511809935E+19
fi_gradi : = 28770.1025473
t1 : = 1.0812419857361E-14
tpunto1 : = 1.004427656769
tduepunti0 : = 7.9601259098941E+16
v=v_elettrone : = 18767986.878771
x0= : 8.9537226896867E-13
y0= : -5.1634354636179E-13
*****
i=59450
k(59450)=0.99874990095871
kQ(59450)=0.99750136466503
r1= : 1.0300767345412E-12
rpunto1: = -14985508.284961
rduepunti0 : = -1.1303420790554E+26
fil : = 502.1343071198
fipunto1 : = 1.1049992998362E+19
fi_gradi : = 28770.17654669
t1 : = 1.0812419975159E-14
tpunto1 : = 1.0044370325152
tduepunti0 : = 7.9944156384579E+16
v=v_elettrone : = 18790101.684753
x0= : 8.9451524573001E-13
y0= : -5.1431616227211E-13
*****
i=59451
k(59451)=0.99874768340979
kQ(59451)=0.99749693511642
r1= : 1.0283192537107E-12
rpunto1: = -14998785.461401
rduepunti0 : = -1.1321047381186E+26
fil : = 502.13560304854
fipunto1 : = 1.1087699220086E+19
fi_gradi : = 28770.250797938
t1 : = 1.0812420092958E-14
tpunto1 : = 1.0044464487384
tduepunti0 : = 8.028929095531E+16
v=v_elettrone : = 18812285.177285
x0= : 8.9365538109345E-13
y0= : -5.1228716447503E-13
*****
i=59452
k(59452)=0.99874546043477
kQ(59452)=0.99749249473906
r1= : 1.0265602157502E-12
rpunto1: = -15012083.310219
rduepunti0 : = -1.1338674093389E+26
fil : = 502.13690339941
fipunto1 : = 1.1125632349806E+19
fi_gradi : = 28770.325302555
t1 : = 1.0812420210758E-14
tpunto1 : = 1.0044559057031
tduepunti0 : = 8.063668209789E+16
v=v_elettrone : = 18834537.72856
x0= : 8.9279266323224E-13
y0= : -5.1025655118847E-13

```

```
*****
i=59453
k(59453)=0.99874323202456
kQ(59453)=0.99748804351486
r1= : 1.0247996182354E-12
rpunto1: = -15025401.830572
rduepunti0 : = -1.1356300087374E+26
fil : = 502.13820819904
fipunto1 : = 1.1163794281986E+19
fi_gradi : = 28770.400062066
t1 : = 1.0812420328559E-14
tpunto1 : = 1.0044654036763
tduepunti0 : = 8.0986349302588E+16
v=v_elettrone : = 18856859.712549
x0= : 8.9192708024418E-13
y0= : -5.0822432063821E-13
*****
i=59454
k(59454)=0.99874099817024
kQ(59454)=0.99748358142608
r1= : 1.0230374587419E-12
rpunto1: = -15038741.020613
rduepunti0 : = -1.1373924505693E+26
fil : = 502.13951747424
fipunto1 : = 1.1202186931099E+19
fi_gradi : = 28770.47507801
t1 : = 1.0812420446362E-14
tpunto1 : = 1.0044749429273
tduepunti0 : = 8.1338312265687E+16
v=v_elettrone : = 18879251.507275
x0= : 8.9105862015092E-13
y0= : -5.061904710582E-13
*****
i=59455
k(59455)=0.99873875886303
kQ(59455)=0.99747910845526
r1= : 1.0212737348457E-12
rpunto1: = -15052100.877467
rduepunti0 : = -1.1391546472905E+26
fil : = 502.14083125209
fipunto1 : = 1.1240812231887E+19
fi_gradi : = 28770.550351936
t1 : = 1.0812420564165E-14
tpunto1 : = 1.0044845237276
tduepunti0 : = 8.1692590892016E+16
v=v_elettrone : = 18901713.491979
x0= : 8.9018727089741E-13
y0= : -5.0415500069059E-13
*****
i=59456
k(59456)=0.99873651409433
kQ(59456)=0.99747462458529
r1= : 1.0195084441229E-12
rpunto1: = -15065481.397211
rduepunti0 : = -1.1409165095224E+26
fil : = 502.14214955986
fipunto1 : = 1.1279672139614E+19
fi_gradi : = 28770.625885407
t1 : = 1.081242068197E-14
tpunto1 : = 1.0044941463512
tduepunti0 : = 8.2049205297521E+16
v=v_elettrone : = 18924246.050299
x0= : 8.8931302035112E-13
y0= : -5.0211790778619E-13
```

```
*****
i=59457
k(59457)=0.9987342638557
kQ(59457)=0.99747012979939
r1= : 1.0177415841502E-12
rpunto1: = -15078882.574851
rduepunti0 : = -1.1426779460175E+26
fil : = 502.14347242507
fipunto1 : = 1.1318768630326E+19
fi_gradi : = 28770.70168
t1 : = 1.0812420799775E-14
tpunto1 : = 1.0045038110744
tduepunti0 : = 8.2408175811861E+16
v=v_elettrone : = 18946849.567725
x0= : 8.884358563015E-13
y0= : -5.0007919060448E-13
*****
i=59458
k(59458)=0.99873200813888
kQ(59458)=0.99746562408112
r1= : 1.0159731525049E-12
rpunto1: = -15092304.404304
rduepunti0 : = -1.1444388636233E+26
fil : = 502.14479987546
fipunto1 : = 1.135810370112E+19
fi_gradi : = 28770.777737305
t1 : = 1.0812420917582E-14
tpunto1 : = 1.0045135181759
tduepunti0 : = 8.2769522981055E+16
v=v_elettrone : = 18969524.43327
x0= : 8.8755576645926E-13
y0= : -4.9803884741396E-13
*****
i=59459
k(59459)=0.99872974693577
kQ(59459)=0.99746110741439
r1= : 1.014203146765E-12
rpunto1: = -15105746.878367
rduepunti0 : = -1.1461991672456E+26
fil : = 502.14613193902
fipunto1 : = 1.139767937041E+19
fi_gradi : = 28770.854058926
t1 : = 1.081242103539E-14
tpunto1 : = 1.0045232679369
tduepunti0 : = 8.3133267570153E+16
v=v_elettrone : = 18992271.038145
x0= : 8.8667273845574E-13
y0= : -4.9599687649231E-13
*****
i=59460
k(59460)=0.99872748023847
kQ(59460)=0.99745657978348
r1= : 1.0124315645093E-12
rpunto1: = -15119209.988702
rduepunti0 : = -1.1479587598117E+26
fil : = 502.14746864397
fipunto1 : = 1.1437497678198E+19
fi_gradi : = 28770.930646477
t1 : = 1.08124211532E-14
tpunto1 : = 1.004533060641
tduepunti0 : = 8.3499430565949E+16
v=v_elettrone : = 19015089.777387
x0= : 8.8578675984216E-13
y0= : -4.9395327612674E-13
```

```
*****
i=59461
k(59461)=0.99872520803925
kQ(59461)=0.99745204117305
r1= : 1.0106584033176E-12
rpunto1: = -15132693.725807
rduepunti0 : = -1.149717542232E+26
fil : = 502.14881001875
fipunto1 : = 1.1477560686354E+19
fi_gradi : = 28771.007501591
t1 : = 1.081242127101E-14
tpunto1 : = 1.0045428965743
tduepunti0 : = 8.3868033179733E+16
v=v_elettrone : = 19037981.047957
x0= : 8.8489781808903E-13
y0= : -4.9190804461405E-13
*****
i=59462
k(59462)=0.99872293033059
kQ(59462)=0.99744749156813
r1= : 1.0088836607709E-12
rpunto1: = -15146198.078995
rduepunti0 : = -1.1514754133617E+26
fil : = 502.15015609207
fipunto1 : = 1.1517870478893E+19
fi_gradi : = 28771.084625911
t1 : = 1.0812421388821E-14
tpunto1 : = 1.0045527760255
tduepunti0 : = 8.4239096850072E+16
v=v_elettrone : = 19060945.250965
x0= : 8.8400590058535E-13
y0= : -4.898611802611E-13
*****
i=59463
k(59463)=0.99872064710516
kQ(59463)=0.99744293095414
r1= : 1.0071073344512E-12
rpunto1: = -15159723.036368
rduepunti0 : = -1.1532322699605E+26
fil : = 502.15150689287
fipunto1 : = 1.1558429162265E+19
fi_gradi : = 28771.162021096
t1 : = 1.0812421506634E-14
tpunto1 : = 1.0045626992858
tduepunti0 : = 8.4612643245646E+16
v=v_elettrone : = 19083982.789441
x0= : 8.8311099463802E-13
y0= : -4.8781268138485E-13
*****
i=59464
k(59464)=0.99871835835581
kQ(59464)=0.99743835931693
r1= : 1.0053294219422E-12
rpunto1: = -15173268.584792
rduepunti0 : = -1.1549880066532E+26
fil : = 502.15286245034
fipunto1 : = 1.1599238865637E+19
fi_gradi : = 28771.239688818
t1 : = 1.0812421624448E-14
tpunto1 : = 1.0045726666488
tduepunti0 : = 8.4988694268102E+16
v=v_elettrone : = 19107094.070284
x0= : 8.8221308747104E-13
y0= : -4.8576254631275E-13
```

```
*****
i=59465
k(59465)=0.99871606407563
kQ(59465)=0.99743377664272
r1= : 1.003549920829E-12
rpunto1 : = -15186834.70987
rduepunti0 : = -1.156742515888E+26
fil : = 502.15422279392
fipunto1 : = 1.1640301741194E+19
fi_gradi : = 28771.317630764
t1 : = 1.0812421742263E-14
tpunto1 : = 1.0045826784109
tduepunti0 : = 8.5367272054971E+16
v=v_elettrone : = 19130279.502908
x0= : 8.8131216622488E-13
y0= : -4.8371077338296E-13
*****
i=59466
k(59466)=0.99871376425791
kQ(59466)=0.99742918291821
r1= : 1.0017688286984E-12
rpunto1 : = -15200421.395921
rduepunti0 : = -1.1584956878946E+26
fil : = 502.1555879533
fipunto1 : = 1.1681619964432E+19
fi_gradi : = 28771.395848634
t1 : = 1.0812421860079E-14
tpunto1 : = 1.0045927348711
tduepunti0 : = 8.57483989826E+16
v=v_elettrone : = 19153539.500289
x0= : 8.8040821795566E-13
y0= : -4.8165736094461E-13
*****
i=59467
k(59467)=0.99871145889615
kQ(59467)=0.99742457813047
r1= : 9.9998614313902E-13
rpunto1 : = -15214028.625947
rduepunti0 : = -1.1602474106416E+26
fil : = 502.15695795842
fipunto1 : = 1.1723195734459E+19
fi_gradi : = 28771.474344146
t1 : = 1.0812421977896E-14
tpunto1 : = 1.0046028363309
tduepunti0 : = 8.613209766915E+16
v=v_elettrone : = 19176874.478514
x0= : 8.7950122963454E-13
y0= : -4.7960230735805E-13
*****
i=59468
k(59468)=0.99870914798408
kQ(59468)=0.99741996226708
r1= : 9.9820186174146E-13
rpunto1 : = -15227656.381611
rduepunti0 : = -1.1619975697926E+26
fil : = 502.1583328395
fipunto1 : = 1.1765031274306E+19
fi_gradi : = 28771.553119029
t1 : = 1.0812422095715E-14
tpunto1 : = 1.0046129830948
tduepunti0 : = 8.6518390977614E+16
v=v_elettrone : = 19200284.856616
x0= : 8.7859118814689E-13
y0= : -4.7754561099511E-13
```

```
*****
i=59469
k(59469)=0.99870683151565
kQ(59469)=0.99741533531604
r1= : 9.9641598209852E-13
rpunto1 : = -15241304.643207
rduepunti0 : = -1.1637460486618E+26
fil : = 502.15971262699
fipunto1 : = 1.1807128831236E+19
fi_gradi : = 28771.632175029
t1 : = 1.0812422213534E-14
tpunto1 : = 1.0046231754696
tduepunti0 : = 8.6907302018893E+16
v=v_elettrone : = 19223771.056433
x0= : 8.7767808029163E-13
y0= : -4.7548727023941E-13
*****
i=59470
k(59470)=0.99870450948507
kQ(59470)=0.99741069726582
r1= : 9.946285018053E-13
rpunto1 : = -15254973.389631
rduepunti0 : = -1.1654927281684E+26
fil : = 502.16109735163
fipunto1 : = 1.1849490677061E+19
fi_gradi : = 28771.711513907
t1 : = 1.0812422331355E-14
tpunto1 : = 1.0046334137652
tduepunti0 : = 8.7298854154903E+16
v=v_elettrone : = 19247333.504211
x0= : 8.7676189278032E-13
y0= : -4.7342728348673E-13
*****
i=59471
k(59471)=0.99870218188677
kQ(59471)=0.9974060481054
r1= : 9.9283941845935E-13
rpunto1 : = -15268662.598357
rduepunti0 : = -1.1672374867904E+26
fil : = 502.16248704442
fipunto1 : = 1.189211910846E+19
fi_gradi : = 28771.791137438
t1 : = 1.0812422449177E-14
tpunto1 : = 1.0046436982939
tduepunti0 : = 8.7693071001734E+16
v=v_elettrone : = 19270972.628075
x0= : 8.7584261223664E-13
y0= : -4.7136564914507E-13
*****
i=59472
k(59472)=0.99869984871543
kQ(59472)=0.99740138782422
r1= : 9.9104872966089E-13
rpunto1 : = -15282372.245402
rduepunti0 : = -1.1689802005174E+26
fil : = 502.16388173661
fipunto1 : = 1.1935016447307E+19
fi_gradi : = 28771.871047414
t1 : = 1.0812422567001E-14
tpunto1 : = 1.0046540293713
tduepunti0 : = 8.8089976432845E+16
v=v_elettrone : = 19294688.860243
x0= : 8.7492022519537E-13
y0= : -4.6930236563518E-13
```

```
*****
i=59473
k(59473)=0.99869750996598
kQ(59473)=0.99739671641225
r1= : 9.8925643301294E-13
rpunto1: = -15296102.305299
rduepunti0 : = -1.1707207428017E+26
fil : = 502.16528145974
fipunto1 : = 1.1978185041003E+19
fi_gradi : = 28771.951245642
t1 : = 1.0812422684825E-14
tpunto1 : = 1.0046644073153
tduepunti0 : = 8.8489594582315E+16
v=v_elettrone : = 19318482.636245
x0= : 8.739947181018E-13
y0= : -4.6723743139075E-13
*****
i=59474
k(59474)=0.99869516563362
kQ(59474)=0.99739203385997
r1= : 9.8746252612151E-13
rpunto1: = -15309852.751068
rduepunti0 : = -1.1724589845098E+26
fil : = 502.16668624563
fipunto1 : = 1.2021627262807E+19
fi_gradi : = 28772.031733945
t1 : = 1.0812422802651E-14
tpunto1 : = 1.004674832447
tduepunti0 : = 8.8891949848122E+16
v=v_elettrone : = 19342354.394775
x0= : 8.7306607731085E-13
y0= : -4.6517084485868E-13
*****
i=59475
k(59475)=0.99869281571382
kQ(59475)=0.9973873401584
r1= : 9.8566700659576E-13
rpunto1: = -15323623.554182
rduepunti0 : = -1.1741947938718E+26
fil : = 502.16809612637
fipunto1 : = 1.206534551218E+19
fi_gradi : = 28772.112514161
t1 : = 1.0812422920478E-14
tpunto1 : = 1.0046853050903
tduepunti0 : = 8.9297066895487E+16
v=v_elettrone : = 19366304.578093
x0= : 8.7213428908632E-13
y0= : -4.6310260449945E-13
*****
i=59476
k(59476)=0.9986904602023
kQ(59476)=0.99738263529908
r1= : 9.8386987204822E-13
rpunto1: = -15337414.684539
rduepunti0 : = -1.1759280364299E+26
fil : = 502.16951113433
fipunto1 : = 1.2109342215129E+19
fi_gradi : = 28772.193588145
t1 : = 1.0812423038306E-14
tpunto1 : = 1.0046958255721
tduepunti0 : = 8.9704970660249E+16
v=v_elettrone : = 19390333.631272
x0= : 8.711993396001E-13
y0= : -4.6103270878736E-13
```

```
*****
i=59477
k(59477)=0.99868809909508
kQ(59477)=0.99737791927415
r1= : 9.8207112009493E-13
rpunto1 : = -15351226.110425
rduepunti0 : = -1.1776585749863E+26
fil : = 502.17093130216
fipunto1 : = 1.2153619824559E+19
fi_gradi : = 28772.274957768
t1 : = 1.0812423156135E-14
tpunto1 : = 1.004706394222
tduepunti0 : = 9.0115686352297E+16
v=v_elettrone : = 19414442.003774
x0= : 8.7026121493126E-13
y0= : -4.5896115621101E-13
*****
i=59478
k(59478)=0.99868573238847
kQ(59478)=0.99737319207629
r1= : 9.8027074835566E-13
rpunto1 : = -15365057.798488
rduepunti0 : = -1.1793862695501E+26
fil : = 502.17235666281
fipunto1 : = 1.219818082063E+19
fi_gradi : = 28772.356624917
t1 : = 1.0812423273966E-14
tpunto1 : = 1.0047170113729
tduepunti0 : = 9.0529239459044E+16
v=v_elettrone : = 19438630.14752
x0= : 8.693199010654E-13
y0= : -4.5688794527342E-13
*****
i=59479
k(59479)=0.99868336007905
kQ(59479)=0.99736845369879
r1= : 9.7846875445409E-13
rpunto1 : = -15378909.713697
rduepunti0 : = -1.1811109772821E+26
fil : = 502.17378724952
fipunto1 : = 1.2243027711116E+19
fi_gradi : = 28772.438591498
t1 : = 1.0812423391798E-14
tpunto1 : = 1.0047276773606
tduepunti0 : = 9.0945655748956E+16
v=v_elettrone : = 19462898.519042
x0= : 8.6837538389363E-13
y0= : -4.5481307449254E-13
*****
i=59480
k(59480)=0.99868098216373
kQ(59480)=0.99736370413551
r1= : 9.76665136018E-13
rpunto1 : = -15392781.819315
rduepunti0 : = -1.1828325524397E+26
fil : = 502.17522309581
fipunto1 : = 1.2288163031775E+19
fi_gradi : = 28772.52085943
t1 : = 1.0812423509631E-14
tpunto1 : = 1.0047383925239
tduepunti0 : = 9.136496127512E+16
v=v_elettrone : = 19487247.57755
x0= : 8.6742764921193E-13
y0= : -4.5273654240143E-13
```



```
*****
i=59481
k(59481)=0.9986785986397
kQ(59481)=0.99735894338096
r1= : 9.7485989067949E-13
rpunto1 : = -15406674.07686
rduepunti0 : = -1.18455084632E+26
fil : = 502.17666423551
fipunto1 : = 1.2333589346719E+19
fi_gradi : = 28772.603430653
t1 : = 1.0812423627466E-14
tpunto1 : = 1.0047491572047
tduepunti0 : = 9.1787182378874E+16
v=v_elettrone : = 19511677.78591
x0= : 8.6647668272015E-13
y0= : -4.5065834754872E-13
*****
i=59482
k(59482)=0.99867620950449
kQ(59482)=0.99735417143026
r1= : 9.7305301607517E-13
rpunto1 : = -15420586.446068
rduepunti0 : = -1.1862657072016E+26
fil : = 502.17811070276
fipunto1 : = 1.2379309248797E+19
fi_gradi : = 28772.686307121
t1 : = 1.0812423745301E-14
tpunto1 : = 1.0047599717481
tduepunti0 : = 9.2212345693482E+16
v=v_elettrone : = 19536189.611326
x0= : 8.6552247002121E-13
y0= : -4.4857848849897E-13
*****
i=59483
k(59483)=0.99867381475594
kQ(59483)=0.99734938827918
r1= : 9.7124450984637E-13
rpunto1 : = -15434518.884864
rduepunti0 : = -1.1879769802861E+26
fil : = 502.17956253197
fipunto1 : = 1.2425325359975E+19
fi_gradi : = 28772.769490808
t1 : = 1.0812423863138E-14
tpunto1 : = 1.0047708365023
tduepunti0 : = 9.2640478147856E+16
v=v_elettrone : = 19560783.523987
x0= : 8.6456499662028E-13
y0= : -4.4649696383286E-13
*****
i=59484
k(59484)=0.99867141439222
kQ(59484)=0.99734459392416
r1= : 9.6943436963935E-13
rpunto1 : = -15448471.349317
rduepunti0 : = -1.189684507637E+26
fil : = 502.18101975789
fipunto1 : = 1.2471640331728E+19
fi_gradi : = 28772.852983703
t1 : = 1.0812423980976E-14
tpunto1 : = 1.0047817518188
tduepunti0 : = 9.3071606970338E+16
v=v_elettrone : = 19585459.997449
x0= : 8.6360424792386E-13
y0= : -4.4441377214772E-13
```

```
*****
i=59485
k(59485)=0.99866900841185
kQ(59485)=0.99733978836232
r1= : 9.6762259310553E-13
rpunto1: = -15462443.793609
rduepunti0 : = -1.1913881281188E+26
fil : = 502.18248241557
fipunto1 : = 1.2518256845437E+19
fi_gradi : = 28772.936787815
t1 : = 1.0812424098816E-14
tpunto1 : = 1.0047927180521
tduepunti0 : = 9.3505759692534E+16
v=v_elettrone : = 19610219.510182
x0= : 8.6264020923888E-13
y0= : -4.4232891205792E-13
*****
i=59486
k(59486)=0.9986665968137
kQ(59486)=0.99733497159145
r1= : 9.658091779017E-13
rpunto1: = -15476436.169991
rduepunti0 : = -1.1930876773335E+26
fil : = 502.18395054038
fipunto1 : = 1.2565177612791E+19
fi_gradi : = 28773.02090517
t1 : = 1.0812424216657E-14
tpunto1 : = 1.0048037355602
tduepunti0 : = 9.3942964153195E+16
v=v_elettrone : = 19635062.543045
x0= : 8.6167286577186E-13
y0= : -4.4024238219506E-13
*****
i=59487
k(59487)=0.99866417959697
kQ(59487)=0.99733014361008
r1= : 9.6399412169025E-13
rpunto1: = -15490448.428751
rduepunti0 : = -1.1947829875569E+26
fil : = 502.18542416799
fipunto1 : = 1.2612405376196E+19
fi_gradi : = 28773.105337813
t1 : = 1.0812424334499E-14
tpunto1 : = 1.0048148047042
tduepunti0 : = 9.438324850216E+16
v=v_elettrone : = 19659989.58169
x0= : 8.6070220262796E-13
y0= : -4.3815418120855E-13
*****
i=59488
k(59488)=0.99866175676125
kQ(59488)=0.99732530441746
r1= : 9.621774221394E-13
rpunto1: = -15504480.518166
rduepunti0 : = -1.1964738876729E+26
fil : = 502.18690333441
fipunto1 : = 1.2659942909188E+19
fi_gradi : = 28773.190087806
t1 : = 1.0812424452342E-14
tpunto1 : = 1.0048259258488
tduepunti0 : = 9.4826641204352E+16
v=v_elettrone : = 19685001.115198
x0= : 8.5972820481012E-13
y0= : -4.3606430776586E-13
```

```
*****
i=59489
k(59489)=0.99865932830649
kQ(59489)=0.99732045401357
r1= : 9.6035907692345E-13
rpunto1: = -15518532.384468
rduepunti0 : = -1.1981602031065E+26
fil : = 502.18838807598
fipunto1 : = 1.2707793016857E+19
fi_gradi : = 28773.275157231
t1 : = 1.0812424570187E-14
tpunto1 : = 1.0048370993618
tduepunti0 : = 9.5273171043827E+16
v=v_elettrone : = 19710097.636158
x0= : 8.5875085721811E-13
y0= : -4.3397276055299E-13
*****
i=59490
k(59490)=0.99865689423303
kQ(59490)=0.99731559239916
r1= : 9.5853908372297E-13
rpunto1: = -15532603.9718
rduepunti0 : = -1.1998417557558E+26
fil : = 502.18987842934
fipunto1 : = 1.2755958536275E+19
fi_gradi : = 28773.360548189
t1 : = 1.0812424688033E-14
tpunto1 : = 1.0048483256146
tduepunti0 : = 9.5722867127886E+16
v=v_elettrone : = 19735279.642177
x0= : 8.5777014464757E-13
y0= : -4.318795382749E-13
*****
i=59491
k(59491)=0.9986544545416
kQ(59491)=0.99731071957579
r1= : 9.5671744022512E-13
rpunto1: = -15546695.222174
rduepunti0 : = -1.2015183639221E+26
fil : = 502.19137443148
fipunto1 : = 1.2804442336928E+19
fi_gradi : = 28773.446262798
t1 : = 1.081242480588E-14
tpunto1 : = 1.0048596049819
tduepunti0 : = 9.617575889124E+16
v=v_elettrone : = 19760547.63337
x0= : 8.5678605178916E-13
y0= : -4.2978463965575E-13
*****
i=59492
k(59492)=0.99865200923333
kQ(59492)=0.99730583554577
r1= : 9.5489414412384E-13
rpunto1: = -15560806.075427
rduepunti0 : = -1.2031898422391E+26
fil : = 502.19287611975
fipunto1 : = 1.2853247321159E+19
fi_gradi : = 28773.532303198
t1 : = 1.0812424923729E-14
tpunto1 : = 1.0048709378421
tduepunti0 : = 9.6631876100232E+16
v=v_elettrone : = 19785902.114723
x0= : 8.5579856322748E-13
y0= : -4.2768806343957E-13
```

```
*****
i=59493
k(59493)=0.99864955830975
kQ(59493)=0.99730094031227
r1= : 9.5306919312012E-13
rpunto1: = -15574936.469179
rduepunti0 : = -1.2048560015996E+26
fil : = 502.1943835318
fipunto1 : = 1.2902376424618E+19
fi_gradi : = 28773.618671546
t1 : = 1.0812425041579E-14
tpunto1 : = 1.0048823245769
tduepunti0 : = 9.7091248857128E+16
v=v_elettrone : = 19811343.595289
x0= : 8.5480766344022E-13
y0= : -4.255898083905E-13
*****
i=59494
k(59494)=0.99864710177283
kQ(59494)=0.99729603387927
r1= : 9.5124258492229E-13
rpunto1: = -15589086.338787
rduepunti0 : = -1.2065166490822E+26
fil : = 502.19589670565
fipunto1 : = 1.2951832616716E+19
fi_gradi : = 28773.705370022
t1 : = 1.081242515943E-14
tpunto1 : = 1.0048937655717
tduepunti0 : = 9.7553907604455E+16
v=v_elettrone : = 19836872.587687
x0= : 8.5381333679715E-13
y0= : -4.2348987329328E-13
*****
i=59495
k(59495)=0.99864463962494
kQ(59495)=0.99729111625163
r1= : 9.4941431724624E-13
rpunto1: = -15603255.617302
rduepunti0 : = -1.2081715878748E+26
fil : = 502.19741567966
fipunto1 : = 1.3001618901086E+19
fi_gradi : = 28773.792400821
t1 : = 1.0812425277283E-14
tpunto1 : = 1.0049052612155
tduepunti0 : = 9.8019883129412E+16
v=v_elettrone : = 19862489.608727
x0= : 8.5281556755912E-13
y0= : -4.2138825695367E-13
*****
i=59496
k(59496)=0.99864217186892
kQ(59496)=0.99728618743507
r1= : 9.4758438781573E-13
rpunto1: = -15617444.235417
rduepunti0 : = -1.2098206171979E+26
fil : = 502.19894049253
fipunto1 : = 1.3051738316054E+19
fi_gradi : = 28773.879766164
t1 : = 1.0812425395137E-14
tpunto1 : = 1.004916811901
tduepunti0 : = 9.8489206568334E+16
v=v_elettrone : = 19888195.17974
x0= : 8.5181433987708E-13
y0= : -4.1928495819899E-13
```

```
*****
i=59497
k(59497)=0.99863969850803
kQ(59497)=0.99728124743621
r1= : 9.4575279436262E-13
rpunto1 : = -15631652.121425
rduepunti0 : = -1.2114635322253E+26
fil : = 502.20047118335
fipunto1 : = 1.3102193935118E+19
fi_gradi : = 28773.967468287
t1 : = 1.0812425512992E-14
tpunto1 : = 1.0049284180244
tduepunti0 : = 9.8961909411226E+16
v=v_elettrone : = 19913989.825784
x0= : 8.5080963779107E-13
y0= : -4.1717997587844E-13
*****
i=59498
k(59498)=0.99863721954602
kQ(59498)=0.9972762962626
r1= : 9.439195346272E-13
rpunto1 : = -15645879.201167
rduepunti0 : = -1.2131001240037E+26
fil : = 502.20200779153
fipunto1 : = 1.3152988867431E+19
fi_gradi : = 28774.055509451
t1 : = 1.0812425630849E-14
tpunto1 : = 1.0049400799859
tduepunti0 : = 9.9438023506355E+16
v=v_elettrone : = 19939874.076532
x0= : 8.4980144522922E-13
y0= : -4.1507330886366E-13
*****
i=59499
k(59499)=0.99863473498709
kQ(59499)=0.99727133392273
r1= : 9.4208460635846E-13
rpunto1 : = -15660125.397986
rduepunti0 : = -1.2147301793704E+26
fil : = 502.20355035688
fipunto1 : = 1.320412625829E+19
fi_gradi : = 28774.143891935
t1 : = 1.0812425748707E-14
tpunto1 : = 1.0049517981892
tduepunti0 : = 9.9917581064912E+16
v=v_elettrone : = 19965848.465466
x0= : 8.4878974600672E-13
y0= : -4.1296495604916E-13
*****
i=59500
k(59500)=0.99863224483593
kQ(59500)=0.99726636042604
r1= : 9.4024800731437E-13
rpunto1 : = -15674390.632673
rduepunti0 : = -1.216353480869E+26
fil : = 502.20509891955
fipunto1 : = 1.3255609289645E+19
fi_gradi : = 28774.23261804
t1 : = 1.0812425866566E-14
tpunto1 : = 1.0049635730421
tduepunti0 : = 1.0040061466573E+17
v=v_elettrone : = 19991913.530486
x0= : 8.4777452382475E-13
y0= : -4.1085491635283E-13
```

```
*****
i=59501
k(59501)=0.99862974909771
kQ(59501)=0.99726137578296
r1= : 9.384097352622E-13
rpunto1 : = -15688674.823417
rduepunti0 : = -1.2179698066642E+26
fil : = 502.20665352009
fipunto1 : = 1.3307441180597E+19
fi_gradi : = 28774.32169009
t1 : = 1.0812425984427E-14
tpunto1 : = 1.0049754049561
tduepunti0 : = 1.008871572601E+17
v=v_elettrone : = 20018069.814215
x0= : 8.4675576226947E-13
y0= : -4.0874318871645E-13
*****
i=59502
k(59502)=0.99862724777814
kQ(59502)=0.99725638000493
r1= : 9.3656978797881E-13
rpunto1 : = -15702977.885755
rduepunti0 : = -1.2195789304534E+26
fil : = 502.2082141994
fipunto1 : = 1.3359625187922E+19
fi_gradi : = 28774.411110428
t1 : = 1.0812426102289E-14
tpunto1 : = 1.0049872943466
tduepunti0 : = 1.0137724217658E+17
v=v_elettrone : = 20044317.863183
x0= : 8.4573344481096E-13
y0= : -4.0662977210611E-13
*****
i=59503
k(59503)=0.99862474088339
kQ(59503)=0.99725137310443
r1= : 9.3472816325095E-13
rpunto1 : = -15717299.732515
rduepunti0 : = -1.221180621378E+26
fil : = 502.20978099879
fipunto1 : = 1.341216460659E+19
fi_gradi : = 28774.50088142
t1 : = 1.0812426220153E-14
tpunto1 : = 1.004999241633
tduepunti0 : = 1.0187090312598E+17
v=v_elettrone : = 20070658.228708
x0= : 8.4470755480209E-13
y0= : -4.045146655128E-13
*****
i=59504
k(59504)=0.99862222842022
kQ(59504)=0.99724635509496
r1= : 9.3288485887562E-13
rpunto1 : = -15731640.273762
rduepunti0 : = -1.2227746439311E+26
fil : = 502.21135395993
fipunto1 : = 1.34650627703E+19
fi_gradi : = 28774.591005455
t1 : = 1.0812426338018E-14
tpunto1 : = 1.0050112472387
tduepunti0 : = 1.0236817420632E+17
v=v_elettrone : = 20097091.466052
x0= : 8.4367807547754E-13
y0= : -4.0239786795286E-13
```

```
*****
i=59505
k(59505)=0.99861971039588
kQ(59505)=0.99724132599114
r1= : 9.3103987266035E-13
rpunto1 : = -15745999.416747
rduepunti0 : = -1.2243607578652E+26
fil : = 502.2129331249
fipunto1 : = 1.3518323052022E+19
fi_gradi : = 28774.681484942
t1 : = 1.0812426455884E-14
tpunto1 : = 1.0050233115912
tduepunti0 : = 1.0286908990792E+17
v=v_elettrone : = 20123618.135583
x0= : 8.4264498995257E-13
y0= : -4.0027937846861E-13
*****
i=59506
k(59506)=0.99861718681819
kQ(59506)=0.99723628580867
r1= : 9.2919320242355E-13
rpunto1 : = -15760377.065844
rduepunti0 : = -1.2259387180961E+26
fil : = 502.21451853616
fipunto1 : = 1.3571948864545E+19
fi_gradi : = 28774.772322317
t1 : = 1.0812426573752E-14
tpunto1 : = 1.0050354351219
tduepunti0 : = 1.0337368511851E+17
v=v_elettrone : = 20150238.801929
x0= : 8.4160828122202E-13
y0= : -3.9815919612877E-13
*****
i=59507
k(59507)=0.99861465769555
kQ(59507)=0.99723123456439
r1= : 9.2734484599485E-13
rpunto1 : = -15774773.122494
rduepunti0 : = -1.2275082746057E+26
fil : = 502.21611023659
fipunto1 : = 1.3625943661038E+19
fi_gradi : = 28774.863520033
t1 : = 1.0812426691621E-14
tpunto1 : = 1.0050476182665
tduepunti0 : = 1.0388199512848E+17
v=v_elettrone : = 20176954.033986
x0= : 8.4056793215915E-13
y0= : -3.9603732002908E-13
*****
i=59508
k(59508)=0.99861212303691
kQ(59508)=0.99722617227629
r1= : 9.2549480121544E-13
rpunto1 : = -15789187.485148
rduepunti0 : = -1.2290691723428E+26
fil : = 502.21770826946
fipunto1 : = 1.3680310935615E+19
fi_gradi : = 28774.955080572
t1 : = 1.0812426809492E-14
tpunto1 : = 1.005059861465
tduepunti0 : = 1.0439405563613E+17
v=v_elettrone : = 20203764.406335
x0= : 8.3952392551448E-13
y0= : -3.9391374929287E-13
```

```
*****
i=59509
k(59509)=0.99860958285184
kQ(59509)=0.99722109896353
r1= : 9.2364306593841E-13
rpunto1:= -15803620.049207
rduepunti0 : = -1.2306211511212E+26
fil : = 502.21931267845
fipunto1 : = 1.3735054223912E+19
fi_gradi : = 28775.047006436
t1 : = 1.0812426927364E-14
tpunto1 : = 1.0050721651613
tduepunti0 : = 1.0490990275304E+17
v=v_elettrone : = 20230670.496696
x0= : 8.3847624391472E-13
y0= : -3.9178848307151E-13
*****
i=59510
k(59510)=0.99860703715049
kQ(59510)=0.99721601464649
r1= : 9.2178963802913E-13
rpunto1:= -15818070.706957
rduepunti0 : = -1.2321639455163E+26
fil : = 502.22092350766
fipunto1 : = 1.3790177103675E+19
fi_gradi : = 28775.139300151
t1 : = 1.0812427045237E-14
tpunto1 : = 1.0050845298038
tduepunti0 : = 1.0542957300952E+17
v=v_elettrone : = 20257672.889025
x0= : 8.3742486986148E-13
y0= : -3.8966152054521E-13
*****
i=59511
k(59511)=0.99860448594365
kQ(59511)=0.99721091934679
r1= : 9.1993451536559E-13
rpunto1:= -15832539.34751
rduepunti0 : = -1.2336972847587E+26
fil : = 502.22254080161
fipunto1 : = 1.3845683195356E+19
fi_gradi : = 28775.231964269
t1 : = 1.0812427163112E-14
tpunto1 : = 1.0050969558454
tduepunti0 : = 1.059531033601E+17
v=v_elettrone : = 20284772.171246
x0= : 8.3636978573024E-13
y0= : -3.8753286092335E-13
*****
i=59512
k(59512)=0.99860192924273
kQ(59512)=0.9972058130873
r1= : 9.1807769583879E-13
rpunto1:= -15847025.856736
rduepunti0 : = -1.2352208926263E+26
fil : = 502.22416460524
fipunto1 : = 1.3901576162713E+19
fi_gradi : = 28775.325001364
t1 : = 1.0812427280989E-14
tpunto1 : = 1.0051094437429
tduepunti0 : = 1.0648053118911E+17
v=v_elettrone : = 20311968.936077
x0= : 8.3531097376909E-13
y0= : -3.8540250344524E-13
```



```
*****
i=59513
k(59513)=0.99859936705978
kQ(59513)=0.99720069589219
r1= : 9.1621917735312E-13
rpunto1 : = -15861530.117203
rduepunti0 : = -1.2367344873333E+26
fil : = 502.22579496393
fipunto1 : = 1.3957859713431E+19
fi_gradi : = 28775.418414036
t1 : = 1.0812427398867E-14
tpunto1 : = 1.0051219939581
tduepunti0 : = 1.0701189431639E+17
v=v_elettrone : = 20339263.781574
x0= : 8.3424841609753E-13
y0= : -3.8327044738074E-13
*****
i=59514
k(59514)=0.99859679940753
kQ(59514)=0.99719556778696
r1= : 9.1435895782673E-13
rpunto1 : = -15876052.008107
rduepunti0 : = -1.2382377814176E+26
fil : = 502.22743192348
fipunto1 : = 1.4014537599743E+19
fi_gradi : = 28775.512204909
t1 : = 1.0812427516746E-14
tpunto1 : = 1.0051346069568
tduepunti0 : = 1.0754723100298E+17
v=v_elettrone : = 20366657.309979
x0= : 8.3318209470527E-13
y0= : -3.8113669203077E-13
*****
i=59515
k(59515)=0.99859422629937
kQ(59515)=0.99719042879845
r1= : 9.1249703519196E-13
rpunto1 : = -15890591.405204
rduepunti0 : = -1.2397304816251E+26
fil : = 502.22907553014
fipunto1 : = 1.4071613619067E+19
fi_gradi : = 28775.606376634
t1 : = 1.0812427634627E-14
tpunto1 : = 1.0051472832096
tduepunti0 : = 1.0808657995698E+17
v=v_elettrone : = 20394150.129646
x0= : 8.32111991451E-13
y0= : -3.7900123672811E-13
*****
i=59516
k(59516)=0.9985916477494
kQ(59516)=0.99718527895487
r1= : 9.1063340739569E-13
rpunto1 : = -15905148.180742
rduepunti0 : = -1.2412122887921E+26
fil : = 502.2307258306
fipunto1 : = 1.4129091614649E+19
fi_gradi : = 28775.700931885
t1 : = 1.0812427752509E-14
tpunto1 : = 1.0051600231918
tduepunti0 : = 1.0862998033947E+17
v=v_elettrone : = 20421742.85277
x0= : 8.3103808806119E-13
y0= : -3.768640808378E-13
```

```
*****
i=59517
k(59517)=0.99858906377242
kQ(59517)=0.99718011828587
r1= : 9.087680723998E-13
rpunto1 : = -15919722.203389
rduepunti0 : = -1.2426828977241E+26
fil : = 502.232382872
fipunto1 : = 1.4186975476222E+19
fi_gradi : = 28775.795873364
t1 : = 1.0812427870393E-14
tpunto1 : = 1.005172827383
tduepunti0 : = 1.0917747177045E+17
v=v_elettrone : = 20449436.097292
x0= : 8.2996036612874E-13
y0= : -3.7472522375805E-13
*****
i=59518
k(59518)=0.99858647438393
kQ(59518)=0.99717494682253
r1= : 9.0690102818158E-13
rpunto1 : = -15934313.338162
rduepunti0 : = -1.2441419970735E+26
fil : = 502.23404670194
fipunto1 : = 1.424526914067E+19
fi_gradi : = 28775.891203798
t1 : = 1.0812427988279E-14
tpunto1 : = 1.0051856962678
tduepunti0 : = 1.0972909433498E+17
v=v_elettrone : = 20477230.485752
x0= : 8.2887880711183E-13
y0= : -3.7258466492077E-13
*****
i=59519
k(59519)=0.99858387960021
kQ(59519)=0.99716976459741
r1= : 9.0503227273415E-13
rpunto1 : = -15948921.446354
rduepunti0 : = -1.2455892692134E+26
fil : = 502.2357173685
fipunto1 : = 1.4303976592707E+19
fi_gradi : = 28775.98692594
t1 : = 1.0812428106166E-14
tpunto1 : = 1.0051986303355
tduepunti0 : = 1.1028488858929E+17
v=v_elettrone : = 20505126.646881
x0= : 8.2779339233251E-13
y0= : -3.7044240379234E-13
*****
i=59520
k(59520)=0.99858127943828
kQ(59520)=0.99716457164458
r1= : 9.0316180406687E-13
rpunto1 : = -15963546.385457
rduepunti0 : = -1.2470243901088E+26
fil : = 502.23739492018
fipunto1 : = 1.4363101865562E+19
fi_gradi : = 28776.083042572
t1 : = 1.0812428224054E-14
tpunto1 : = 1.00521163008
tduepunti0 : = 1.1084489556705E+17
v=v_elettrone : = 20533125.213339
x0= : 8.2670410297556E-13
y0= : -3.6829843987411E-13
```

```
*****
i=59521
k(59521)=0.99857867391591
kQ(59521)=0.99715936799966
r1= : 9.0128962020584E-13
rpunto1: = -15978188.009085
rduepunti0 : = -1.2484470291859E+26
fil : = 502.239079406
fipunto1 : = 1.4422649041685E+19
fi_gradi : = 28776.1795565
t1 : = 1.0812428341944E-14
tpunto1 : = 1.0052246960003
tduepunti0 : = 1.1140915678568E+17
v=v_elettrone : = 20561226.824137
x0= : 8.2561092008702E-13
y0= : -3.6615277270339E-13
*****
i=59522
k(59522)=0.99857606305171
kQ(59522)=0.99715415369985
r1= : 8.9941571919433E-13
rpunto1: = -15992846.166897
rduepunti0 : = -1.2498568491974E+26
fil : = 502.24077087543
fipunto1 : = 1.4482622253452E+19
fi_gradi : = 28776.276470559
t1 : = 1.0812428459835E-14
tpunto1 : = 1.0052378286003
tduepunti0 : = 1.1197771425282E+17
v=v_elettrone : = 20589432.122631
x0= : 8.2451382457298E-13
y0= : -3.6400540185391E-13
*****
i=59523
k(59523)=0.99857344686505
kQ(59523)=0.99714892878395
r1= : 8.9754009909322E-13
rpunto1: = -16007520.704519
rduepunti0 : = -1.2512535060855E+26
fil : = 502.24246937845
fipunto1 : = 1.4543025683891E+19
fi_gradi : = 28776.373787614
t1 : = 1.0812428577728E-14
tpunto1 : = 1.0052510283888
tduepunti0 : = 1.1255061047279E+17
v=v_elettrone : = 20617741.758656
x0= : 8.2341279719815E-13
y0= : -3.6185632693676E-13
*****
i=59524
k(59524)=0.99857082537616
kQ(59524)=0.99714369329243
r1= : 8.9566275798151E-13
rpunto1: = -16022211.463459
rduepunti0 : = -1.2526366488416E+26
fil : = 502.2441749655
fipunto1 : = 1.4603863567419E+19
fi_gradi : = 28776.471510553
t1 : = 1.0812428695623E-14
tpunto1 : = 1.0052642958798
tduepunti0 : = 1.1312788845321E+17
v=v_elettrone : = 20646156.386238
x0= : 8.2230781858459E-13
y0= : -3.5970554760097E-13
```

```
*****
i=59525
k(59525)=0.9985681986061
kQ(59525)=0.99713844726743
r1= : 8.937836939568E-13
rpunto1 : = -16036918.281024
rduepunti0 : = -1.2540059193632E+26
fil : = 502.24588768753
fipunto1 : = 1.4665140190583E+19
fi_gradi : = 28776.569642297
t1 : = 1.0812428813519E-14
tpunto1 : = 1.0052776315921
tduepunti0 : = 1.1370959171172E+17
v=v_elettrone : = 20674676.665985
x0= : 8.2119886921025E-13
y0= : -3.5755306353444E-13
*****
i=59526
k(59526)=0.9985655665768
kQ(59526)=0.99713319075285
r1= : 8.9190290513573E-13
rpunto1 : = -16051640.990239
rduepunti0 : = -1.2553609523077E+26
fil : = 502.24760759601
fipunto1 : = 1.4726859892825E+19
fi_gradi : = 28776.668185794
t1 : = 1.0812428931416E-14
tpunto1 : = 1.00529103605
tduepunti0 : = 1.1429576428273E+17
v=v_elettrone : = 20703303.263613
x0= : 8.2008592940764E-13
y0= : -3.5539887446454E-13
*****
i=59527
k(59527)=0.99856292931107
kQ(59527)=0.99712792379431
r1= : 8.9002038965456E-13
rpunto1 : = -16066379.419755
rduepunti0 : = -1.2567013749423E+26
fil : = 502.2493347429
fipunto1 : = 1.478902706725E+19
fi_gradi : = 28776.767144021
t1 : = 1.0812429049316E-14
tpunto1 : = 1.0053045097828
tduepunti0 : = 1.148864507243E+17
v=v_elettrone : = 20732036.850398
x0= : 8.1896897936244E-13
y0= : -3.5324298015899E-13
*****
i=59528
k(59528)=0.99856028683263
kQ(59528)=0.99712264643926
r1= : 8.8813614566964E-13
rpunto1 : = -16081133.393765
rduepunti0 : = -1.2580268069913E+26
fil : = 502.25106918067
fipunto1 : = 1.4851646161415E+19
fi_gradi : = 28776.866519985
t1 : = 1.0812429167216E-14
tpunto1 : = 1.0053180533252
tduepunti0 : = 1.1548169612515E+17
v=v_elettrone : = 20760878.103075
x0= : 8.1784799911201E-13
y0= : -3.5108538042667E-13
```

```
*****
i=59529
k(59529)=0.99855763916611
kQ(59529)=0.997117358737
r1= : 8.8625017135793E-13
rpunto1: = -16095902.731911
rduepunti0 : = -1.2593368604801E+26
fil : = 502.25281096232
fipunto1 : = 1.4914721678122E+19
fi_gradi : = 28776.966316723
t1 : = 1.0812429285119E-14
tpunto1 : = 1.0053316672173
tduepunti0 : = 1.1608154611172E+17
v=v_elettrone : = 20789827.704537
x0= : 8.1672296854403E-13
y0= : -3.4892607511844E-13
*****
i=59530
k(59530)=0.99855498633711
kQ(59530)=0.9971120607387
r1= : 8.8436246491754E-13
rpunto1: = -16110687.249193
rduepunti0 : = -1.2606311395749E+26
fil : = 502.25456014139
fipunto1 : = 1.4978258176232E+19
fi_gradi : = 28777.066537301
t1 : = 1.0812429403023E-14
tpunto1 : = 1.0053453520044
tduepunti0 : = 1.1668604685532E+17
v=v_elettrone : = 20818886.342901
x0= : 8.1559386739498E-13
y0= : -3.4676506412796E-13
*****
i=59531
k(59531)=0.99855232837216
kQ(59531)=0.99710675249746
r1= : 8.8247302456828E-13
rpunto1: = -16125486.755875
rduepunti0 : = -1.2619092404197E+26
fil : = 502.25631677194
fipunto1 : = 1.5042260271487E+19
fi_gradi : = 28777.167184818
t1 : = 1.0812429520928E-14
tpunto1 : = 1.0053591082375
tduepunti0 : = 1.1729524507943E+17
v=v_elettrone : = 20848054.712741
x0= : 8.144606752487E-13
y0= : -3.4460234739254E-13
*****
i=59532
k(59532)=0.99854966529881
kQ(59532)=0.99710143406836
r1= : 8.8058184855221E-13
rpunto1: = -16140301.057388
rduepunti0 : = -1.2631707509693E+26
fil : = 502.25808090857
fipunto1 : = 1.5106732637351E+19
fi_gradi : = 28777.268262401
t1 : = 1.0812429638836E-14
tpunto1 : = 1.005372936473
tduepunti0 : = 1.1790918806704E+17
v=v_elettrone : = 20877333.514149
x0= : 8.1332337153494E-13
y0= : -3.4243792489401E-13
```

```
*****
i=59533
k(59533)=0.99854699714559
kQ(59533)=0.99709610550848
r1= : 8.7868893513422E-13
rpunto1 : = -16155129.954233
rduepunti0 : = -1.2644152508187E+26
fil : = 502.25985260643
fipunto1 : = 1.5171680005863E+19
fi_gradi : = 28777.369773211
t1 : = 1.0812429756744E-14
tpunto1 : = 1.005386837273
tduepunti0 : = 1.1852792366815E+17
v=v_elettrone : = 20906723.453121
x0= : 8.1218193552781E-13
y0= : -3.4027179665958E-13
*****
i=59534
k(59534)=0.9985443239421
kQ(59534)=0.99709076687698
r1= : 8.7679428260258E-13
rpunto1 : = -16169973.241879
rduepunti0 : = -1.2656423110285E+26
fil : = 502.26163192124
fipunto1 : = 1.5237107168498E+19
fi_gradi : = 28777.47172044
t1 : = 1.0812429874655E-14
tpunto1 : = 1.0054008112053
tduepunti0 : = 1.1915150030732E+17
v=v_elettrone : = 20936225.241701
x0= : 8.1103634634425E-13
y0= : -3.3810396276276E-13
*****
i=59535
k(59535)=0.99854164571895
kQ(59535)=0.9970854182351
r1= : 8.7489788926957E-13
rpunto1 : = -16184830.710664
rduepunti0 : = -1.2668514939469E+26
fil : = 502.26341890926
fipunto1 : = 1.5303018977054E+19
fi_gradi : = 28777.574107312
t1 : = 1.0812429992567E-14
tpunto1 : = 1.0054148588433
tduepunti0 : = 1.1977996699137E+17
v=v_elettrone : = 20965839.59782
x0= : 8.0988658294254E-13
y0= : -3.3593442332431E-13
*****
i=59536
k(59536)=0.99853896250785
kQ(59536)=0.99708005964626
r1= : 8.7299975347203E-13
rpunto1 : = -16199702.14569
rduepunti0 : = -1.2680423530269E+26
fil : = 502.26521362733
fipunto1 : = 1.5369420344544E+19
fi_gradi : = 28777.676937083
t1 : = 1.0812430110481E-14
tpunto1 : = 1.0054289807664
tduepunti0 : = 1.2041337331714E+17
v=v_elettrone : = 20995567.24621
x0= : 8.0873262412069E-13
y0= : -3.3376317851317E-13
```

```

*****
i=59537
k(59537)=0.99853627434162
kQ(59537)=0.99707469117604
r1= : 8.7109987357202E-13
rpunto1: = -16214587.326711
rduepunti0 : = -1.2692144326401E+26
fil : = 502.26701613286
fipunto1 : = 1.5436316246109E+19
fi_gradi : = 28777.780213042
t1 : = 1.0812430228396E-14
tpunto1 : = 1.0054431775597
tduepunti0 : = 1.2105176947939E+17
v=v_elettrone : = 21025408.916901
x0= : 8.0757444851492E-13
y0= : -3.3159022854728E-13
*****
i=59538
k(59538)=0.99853358125419
kQ(59538)=0.99706931289231
r1= : 8.6919824795743E-13
rpunto1: = -16229486.028034
rduepunti0 : = -1.2703672678861E+26
fil : = 502.26882648386
fipunto1 : = 1.5503711719944E+19
fi_gradi : = 28777.883938514
t1 : = 1.0812430346313E-14
tpunto1 : = 1.0054574498145
tduepunti0 : = 1.216952062788E+17
v=v_elettrone : = 21055365.346646
x0= : 8.0641203459803E-13
y0= : -3.2941557369475E-13
*****
i=59539
k(59539)=0.99853088328064
kQ(59539)=0.99706392486522
r1= : 8.6729487504261E-13
rpunto1: = -16244398.0184
rduepunti0 : = -1.2715003843979E+26
fil : = 502.27064473892
fipunto1 : = 1.5571611868238E+19
fi_gradi : = 28777.988116855
t1 : = 1.0812430464232E-14
tpunto1 : = 1.0054717981279
tduepunti0 : = 1.2234373513007E+17
v=v_elettrone : = 21085437.278218
x0= : 8.052453606778E-13
y0= : -3.2723921427472E-13
*****
i=59540
k(59540)=0.99852818045724
kQ(59540)=0.99705852716725
r1= : 8.6538975326906E-13
rpunto1: = -16259323.060872
rduepunti0 : = -1.272613298142E+26
fil : = 502.27247095721
fipunto1 : = 1.5640021858135E+19
fi_gradi : = 28778.092751455
t1 : = 1.0812430582152E-14
tpunto1 : = 1.0054862231032
tduepunti0 : = 1.2299740807011E+17
v=v_elettrone : = 21115625.461551
x0= : 8.0407440489534E-13
y0= : -3.2506115065843E-13

```

```

*****
i=59541
k(59541)=0.99852547282146
kQ(59541)=0.99705311987332
r1= : 8.6348288110602E-13
rpunto1 : = -16274260.912723
rduepunti0 : = -1.2737055152154E+26
fil : = 502.27430519854
fipunto1 : = 1.5708946922704E+19
fi_gradi : = 28778.197845742
t1 : = 1.0812430700074E-14
tpunto1 : = 1.0055007253499
tduepunti0 : = 1.2365627776643E+17
v=v_elettrone : = 21145930.651664
x0= : 8.0289914522352E-13
y0= : -3.2288138327012E-13
*****
i=59542
k(59542)=0.99852276041199
kQ(59542)=0.99704770306077
r1= : 8.6157425705124E-13
rpunto1 : = -16289211.325315
rduepunti0 : = -1.2747765316365E+26
fil : = 502.2761475233
fipunto1 : = 1.5778392361931E+19
fi_gradi : = 28778.303403176
t1 : = 1.0812430817998E-14
tpunto1 : = 1.0055153054836
tduepunti0 : = 1.243203975255E+17
v=v_elettrone : = 21176353.611415
x0= : 8.0171955946516E-13
y0= : -3.2069991258829E-13
*****
i=59543
k(59543)=0.99852004326877
kQ(59543)=0.99704227680947
r1= : 8.596638796316E-13
rpunto1 : = -16304174.043978
rduepunti0 : = -1.2758258331327E+26
fil : = 502.27799799254
fipunto1 : = 1.584836354373E+19
fi_gradi : = 28778.409427253
t1 : = 1.0812430935924E-14
tpunto1 : = 1.0055299641266
tduepunti0 : = 1.2498982130135E+17
v=v_elettrone : = 21206895.109394
x0= : 8.0053562525152E-13
y0= : -3.1851673914655E-13
*****
i=59544
k(59544)=0.99851732143306
kQ(59544)=0.99703684120185
r1= : 8.5775174740387E-13
rpunto1 : = -16319148.807887
rduepunti0 : = -1.2768528949221E+26
fil : = 502.27985666791
fipunto1 : = 1.5918865904959E+19
fi_gradi : = 28778.515921507
t1 : = 1.0812431053851E-14
tpunto1 : = 1.0055447019071
tduepunti0 : = 1.256646037042E+17
v=v_elettrone : = 21237555.921053
x0= : 7.9934732004043E-13
y0= : -3.1633186353485E-13

```



```
*****
i=59545
k(59545)=0.99851459494739
kQ(59545)=0.99703139632294
r1= : 8.5583785895539E-13
rpunto1: = -16334135.349938
rduepunti0 : = -1.277857181491E+26
fil : = 502.2817236117
fipunto1 : = 1.598990495247E+19
fi_gradi : = 28778.622889507
t1 : = 1.081243117178E-14
tpunto1 : = 1.0055595194601
tduepunti0 : = 1.2634480000929E+17
v=v_elettrone : = 21268336.828737
x0= : 7.9815462111468E-13
y0= : -3.1414528640053E-13
*****
i=59546
k(59546)=0.99851186385565
kQ(59546)=0.99702594226048
r1= : 8.5392221290485E-13
rpunto1: = -16349133.396617
rduepunti0 : = -1.2788381463657E+26
fil : = 502.28359888686
fipunto1 : = 1.6061486264164E+19
fi_gradi : = 28778.730334859
t1 : = 1.0812431289711E-14
tpunto1 : = 1.0055744174272
tduepunti0 : = 1.2703046616572E+17
v=v_elettrone : = 21299238.62091
x0= : 7.9695750558022E-13
y0= : -3.1195700844941E-13
*****
i=59547
k(59547)=0.99850912820311
kQ(59547)=0.99702047910493
r1= : 8.5200480790299E-13
rpunto1: = -16364142.66787
rduepunti0 : = -1.2797952318796E+26
fil : = 502.28548255699
fipunto1 : = 1.613361549007E+19
fi_gradi : = 28778.838261207
t1 : = 1.0812431407643E-14
tpunto1 : = 1.0055893964565
tduepunti0 : = 1.2772165880551E+17
v=v_elettrone : = 21330262.093774
x0= : 7.9575595036438E-13
y0= : -3.0976703044707E-13
*****
i=59548
k(59548)=0.99850638803643
kQ(59548)=0.99701500694955
r1= : 8.5008564263341E-13
rpunto1: = -16379162.876968
rduepunti0 : = -1.280727868935E+26
fil : = 502.28737468633
fipunto1 : = 1.6206298353439E+19
fi_gradi : = 28778.946672233
t1 : = 1.0812431525577E-14
tpunto1 : = 1.0056044572028
tduepunti0 : = 1.2841843525271E+17
v=v_elettrone : = 21361408.049679
x0= : 7.9454993221413E-13
y0= : -3.0757535321987E-13
```

```
*****
i=59549
k(59549)=0.9985036434037
kQ(59549)=0.99700952589047
r1= : 8.4816471581333E-13
rpunto1 : = -16394193.730372
rduepunti0 : = -1.2816354767589E+26
fil : = 502.28927533982
fipunto1 : = 1.6279540651862E+19
fi_gradi : = 28779.055571656
t1 : = 1.0812431643513E-14
tpunto1 : = 1.0056196003277
tduepunti0 : = 1.2912085353266E+17
v=v_elettrone : = 21392677.298455
x0= : 7.9333942769424E-13
y0= : -3.0538197765623E-13
*****
i=59550
k(59550)=0.99850089435449
kQ(59550)=0.99700403602672
r1= : 8.462420261944E-13
rpunto1 : = -16409234.927592
rduepunti0 : = -1.2825174626541E+26
fil : = 502.29118458308
fipunto1 : = 1.63533482584E+19
fi_gradi : = 28779.164963237
t1 : = 1.0812431761451E-14
tpunto1 : = 1.0056348265
tduepunti0 : = 1.2982897238135E+17
v=v_elettrone : = 21424070.656338
x0= : 7.9212441318546E-13
y0= : -3.0318690470781E-13
*****
i=59551
k(59551)=0.99849814093985
kQ(59551)=0.99699853746034
r1= : 8.4431757256352E-13
rpunto1 : = -16424286.161042
rduepunti0 : = -1.2833732217435E+26
fil : = 502.29310248239
fipunto1 : = 1.6427727122741E+19
fi_gradi : = 28779.274850773
t1 : = 1.0812431879391E-14
tpunto1 : = 1.005650136395
tduepunti0 : = 1.3054285125496E+17
v=v_elettrone : = 21455588.947542
x0= : 7.9090486488264E-13
y0= : -3.0099013539081E-13
*****
i=59552
k(59552)=0.99849538321237
kQ(59552)=0.99699303029642
r1= : 8.4239135374365E-13
rpunto1 : = -16439347.115899
rduepunti0 : = -1.2842021367098E+26
fil : = 502.29502910477
fipunto1 : = 1.6502683272369E+19
fi_gradi : = 28779.385238104
t1 : = 1.0812431997332E-14
tpunto1 : = 1.0056655306954
tduepunti0 : = 1.3126255033942E+17
v=v_elettrone : = 21487233.002639
x0= : 7.8968075879294E-13
y0= : -2.9879167078714E-13
```

```
*****
i=59553
k(59553)=0.9984926212262
kQ(59553)=0.99698751464316
r1= : 8.4046336859467E-13
rpunto1: = -16454417.469949
rduepunti0 : = -1.2850035775284E+26
fil : = 502.2969645179
fipunto1 : = 1.6578222813762E+19
fi_gradi : = 28779.496129108
t1 : = 1.0812432115275E-14
tpunto1 : = 1.0056810100909
tduepunti0 : = 1.3198813056022E+17
v=v_elettrone : = 21519003.660116
x0= : 7.8845207073382E-13
y0= : -2.9659151204579E-13
*****
i=59554
k(59554)=0.99848985503708
kQ(59554)=0.99698199061196
r1= : 8.3853361601426E-13
rpunto1: = -16469496.893438
rduepunti0 : = -1.2857769011938E+26
fil : = 502.29890879021
fipunto1 : = 1.66543519336E+19
fi_gradi : = 28779.607527706
t1 : = 1.081243223322E-14
tpunto1 : = 1.0056965752784
tduepunti0 : = 1.3271965359224E+17
v=v_elettrone : = 21550901.765253
x0= : 7.8721877633124E-13
y0= : -2.9438966038408E-13
*****
i=59555
k(59555)=0.99848708470239
kQ(59555)=0.99697645831748
r1= : 8.3660209493877E-13
rpunto1: = -16484585.048914
rduepunti0 : = -1.2865214514413E+26
fil : = 502.30086199084
fipunto1 : = 1.6731076900003E+19
fi_gradi : = 28779.719437858
t1 : = 1.0812432351167E-14
tpunto1 : = 1.0057122269623
tduepunti0 : = 1.3345718186973E+17
v=v_elettrone : = 21582928.171133
x0= : 7.8598085101762E-13
y0= : -2.9218611708905E-13
*****
i=59556
k(59556)=0.9984843102812
kQ(59556)=0.99697091787772
r1= : 8.3466880434412E-13
rpunto1: = -16499681.591073
rduepunti0 : = -1.2872365584601E+26
fil : = 502.30282418968
fipunto1 : = 1.6808404063788E+19
fi_gradi : = 28779.83186357
t1 : = 1.0812432469115E-14
tpunto1 : = 1.0057279658543
tduepunti0 : = 1.3420077859651E+17
v=v_elettrone : = 21615083.737777
x0= : 7.8473827002995E-13
y0= : -2.8998088351878E-13
```

```
*****
i=59557
k(59557)=0.99848153183424
kQ(59557)=0.99696536941406
r1= : 8.3273374324673E-13
rpunto1 : = -16514786.166589
rduepunti0 : = -1.2879215386016E+26
fil : = 502.30479545734
fipunto1 : = 1.6886339859744E+19
fi_gradi : = 28779.944808888
t1 : = 1.0812432587066E-14
tpunto1 : = 1.0057437926735
tduepunti0 : = 1.3495050775612E+17
v=v_elettrone : = 21647369.333379
x0= : 7.8349100840777E-13
y0= : -2.8777396110386E-13
*****
i=59558
k(59558)=0.99847874942403
kQ(59558)=0.99695981305138
r1= : 8.3079691070446E-13
rpunto1 : = -16529898.413955
rduepunti0 : = -1.2885756940802E+26
fil : = 502.30677586522
fipunto1 : = 1.6964890807932E+19
fi_gradi : = 28780.058277901
t1 : = 1.0812432705018E-14
tpunto1 : = 1.0057597081468
tduepunti0 : = 1.3570643412229E+17
v=v_elettrone : = 21679785.83368
x0= : 7.8223904099117E-13
y0= : -2.8556535134872E-13
*****
i=59559
k(59559)=0.99847596311484
kQ(59559)=0.99695424891811
r1= : 8.2885830581756E-13
rpunto1 : = -16545017.963311
rduepunti0 : = -1.2891983126667E+26
fil : = 502.30876548544
fipunto1 : = 1.704406351501E+19
fi_gradi : = 28780.172274742
t1 : = 1.0812432822972E-14
tpunto1 : = 1.0057757130086
tduepunti0 : = 1.3646862326941E+17
v=v_elettrone : = 21712334.121361
x0= : 7.8098234241878E-13
y0= : -2.8335505583305E-13
*****
i=59560
k(59560)=0.99847317297278
kQ(59560)=0.99694867714634
r1= : 8.2691792772968E-13
rpunto1 : = -16560144.436269
rduepunti0 : = -1.2897886673759E+26
fil : = 502.31076439094
fipunto1 : = 1.7123864675572E+19
fi_gradi : = 28780.286803591
t1 : = 1.0812432940929E-14
tpunto1 : = 1.0057918080012
tduepunti0 : = 1.3723714158318E+17
v=v_elettrone : = 21745015.087743
x0= : 7.7972088712565E-13
y0= : -2.8114307621343E-13
```

```
*****
i=59561
k(59561)=0.99847037906582
kQ(59561)=0.99694309787183
r1= : 8.2497577562881E-13
rpunto1: = -16575277.445741
rduepunti0 : = -1.2903460161454E+26
fil : = 502.31277265541
fipunto1 : = 1.7204301073525E+19
fi_gradi : = 28780.40186867
t1 : = 1.0812433058886E-14
tpunto1 : = 1.0058079938749
tduepunti0 : = 1.3801205627137E+17
v=v_elettrone : = 21777829.631627
x0= : 7.7845464934124E-13
y0= : -2.7892941422472E-13
*****
i=59562
k(59562)=0.99846758146381
kQ(59562)=0.99693751123419
r1= : 8.2303184874836E-13
rpunto1: = -16590416.595754
rduepunti0 : = -1.290869601508E+26
fil : = 502.31479035336
fipunto1 : = 1.7285379583474E+19
fi_gradi : = 28780.517474247
t1 : = 1.0812433176846E-14
tpunto1 : = 1.0058242713876
tduepunti0 : = 1.3879343537475E+17
v=v_elettrone : = 21810778.659935
x0= : 7.771836030873E-13
y0= : -2.7671407168156E-13
*****
i=59563
k(59563)=0.99846478023858
kQ(59563)=0.99693191737687
r1= : 8.2108614636818E-13
rpunto1: = -16605561.481266
rduepunti0 : = -1.2913586502561E+26
fil : = 502.31681756009
fipunto1 : = 1.7367107172143E+19
fi_gradi : = 28780.633624636
t1 : = 1.0812433294808E-14
tpunto1 : = 1.0058406413057
tduepunti0 : = 1.3958134777811E+17
v=v_elettrone : = 21843863.087049
x0= : 7.7590772217573E-13
y0= : -2.7449705048E-13
*****
i=59564
k(59564)=0.99846197546392
kQ(59564)=0.99692631644731
r1= : 8.1913866781562E-13
rpunto1: = -16620711.687981
rduepunti0 : = -1.2918123730983E+26
fil : = 502.31885435173
fipunto1 : = 1.7449490899813E+19
fi_gradi : = 28780.750324201
t1 : = 1.0812433412772E-14
tpunto1 : = 1.0058571044035
tduepunti0 : = 1.4037586322147E+17
v=v_elettrone : = 21877083.836458
x0= : 7.7462698020638E-13
y0= : -2.7227835259913E-13
```

```
*****
i=59565
k(59565)=0.99845916721566
kQ(59565)=0.99692070859699
r1= : 8.1718941246661E-13
rpunto1 : = -16635866.792151
rduepunti0 : = -1.2922299643077E+26
fil : = 502.32090080522
fipunto1 : = 1.7532537921789E+19
fi_gradi : = 28780.867577349
t1 : = 1.0812433530737E-14
tpunto1 : = 1.0058736614637
tduepunti0 : = 1.4117705231133E+17
v=v_elettrone : = 21910441.838783
x0= : 7.7334135056499E-13
y0= : -2.7005798010254E-13
*****
i=59566
k(59566)=0.99845635557172
kQ(59566)=0.99691509398156
r1= : 8.1523837974679E-13
rpunto1 : = -16651026.360382
rduepunti0 : = -1.2926106013628E+26
fil : = 502.32295699836
fipunto1 : = 1.7616255489895E+19
fi_gradi : = 28780.985388538
t1 : = 1.0812433648705E-14
tpunto1 : = 1.0058903132774
tduepunti0 : = 1.4198498653215E+17
v=v_elettrone : = 21943938.033397
x0= : 7.7205080642087E-13
y0= : -2.6783593514016E-13
*****
i=59567
k(59567)=0.99845354061212
kQ(59567)=0.99690947276087
r1= : 8.1328556913261E-13
rpunto1 : = -16666189.949434
rduepunti0 : = -1.2929534445785E+26
fil : = 502.32502300979
fipunto1 : = 1.7700650953989E+19
fi_gradi : = 28781.103762273
t1 : = 1.0812433766674E-14
tpunto1 : = 1.0059070606441
tduepunti0 : = 1.4279973825791E+17
v=v_elettrone : = 21977573.368231
x0= : 7.7075532072472E-13
y0= : -2.6561221994988E-13
*****
i=59568
k(59568)=0.99845072241906
kQ(59568)=0.99690384509913
r1= : 8.1133098015252E-13
rpunto1 : = -16681357.106012
rduepunti0 : = -1.2932576367303E+26
fil : = 502.327098919
fipunto1 : = 1.7785731763505E+19
fi_gradi : = 28781.222703109
t1 : = 1.0812433884646E-14
tpunto1 : = 1.005923904372
tduepunti0 : = 1.4362138076384E+17
v=v_elettrone : = 22011348.79905
x0= : 7.6945486620637E-13
y0= : -2.6338683685917E-13
```

```
*****
i=59569
k(59569)=0.99844790107695
kQ(59569)=0.99689821116497
r1= : 8.0937461238813E-13
rpunto1: = -16696527.366557
rduepunti0 : = -1.2935223026678E+26
fil : = 502.32918480638
fipunto1 : = 1.7871505469032E+19
fi_gradi : = 28781.342215653
t1 : = 1.0812434002619E-14
tpunto1 : = 1.0059408452779
tduepunti0 : = 1.4444998823827E+17
v=v_elettrone : = 22045265.290262
x0= : 7.681494153725E-13
y0= : -2.6115978828704E-13
*****
i=59570
k(59570)=0.99844507667248
kQ(59570)=0.99689257113151
r1= : 8.074164654754E-13
rpunto1: = -16711700.257033
rduepunti0 : = -1.2937465489206E+26
fil : = 502.33128075319
fipunto1 : = 1.7957979723906E+19
fi_gradi : = 28781.462304559
t1 : = 1.0812434120595E-14
tpunto1 : = 1.0059578841874
tduepunti0 : = 1.4528563579458E+17
v=v_elettrone : = 22079323.815452
x0= : 7.6683894050429E-13
y0= : -2.5893107674569E-13
*****
i=59571
k(59571)=0.99844224929464
kQ(59571)=0.99688692517654
r1= : 8.0545653910591E-13
rpunto1: = -16726875.292705
rduepunti0 : = -1.2939294632941E+26
fil : = 502.33338684159
fipunto1 : = 1.804516228584E+19
fi_gradi : = 28781.582974536
t1 : = 1.0812434238572E-14
tpunto1 : = 1.0059750219351
tduepunti0 : = 1.4612839948333E+17
v=v_elettrone : = 22113525.356105
x0= : 7.6552341365515E-13
y0= : -2.5670070484233E-13
*****
i=59572
k(59572)=0.99843941903479
kQ(59572)=0.99688127348253
r1= : 8.0349483302805E-13
rpunto1: = -16742051.977915
rduepunti0 : = -1.2940701144555E+26
fil : = 502.33550315464
fipunto1 : = 1.8133061018579E+19
fi_gradi : = 28781.704230342
t1 : = 1.0812434356552E-14
tpunto1 : = 1.0059922593647
tduepunti0 : = 1.4697835630458E+17
v=v_elettrone : = 22147870.902885
x0= : 7.642028066483E-13
y0= : -2.5446867528112E-13
```

```

*****
i=59573
k(59573)=0.99843658598672
kQ(59573)=0.99687561623682
r1= : 8.0153134704839E-13
rpunto1: = -16757229.805854
rduepunti0 : = -1.2941675515111E+26
fil : = 502.33762977634
fipunto1 : = 1.8221683893586E+19
fi_gradi : = 28781.82607679
t1 : = 1.0812434474533E-14
tpunto1 : = 1.0060095973289
tduepunti0 : = 1.4783558422016E+17
v=v_elettrone : = 22182361.455361
x0= : 7.6287709107438E-13
y0= : -2.5223499086502E-13
*****
i=59574
k(59574)=0.99843375024667
kQ(59574)=0.99686995363164
r1= : 7.995660810329E-13
rpunto1: = -16772408.258327
rduepunti0 : = -1.2942208035725E+26
fil : = 502.33976679162
fipunto1 : = 1.8311038991757E+19
fi_gradi : = 28781.948518746
t1 : = 1.0812434592517E-14
tpunto1 : = 1.0060270366896
tduepunti0 : = 1.4870016216633E+17
v=v_elettrone : = 22216998.02171
x0= : 7.6154623828908E-13
y0= : -2.499996544977E-13
*****
i=59575
k(59575)=0.99843091191344
kQ(59575)=0.9968642858643
r1= : 7.9759903490834E-13
rpunto1: = -16787586.805511
rduepunti0 : = -1.2942288793127E+26
fil : = 502.34191428635
fipunto1 : = 1.8401134505161E+19
fi_gradi : = 28782.07156113
t1 : = 1.0812434710502E-14
tpunto1 : = 1.0060445783182
tduepunti0 : = 1.4957217006635E+17
v=v_elettrone : = 22251781.619186
x0= : 7.6021021941063E-13
y0= : -2.4776266918558E-13
*****
i=59576
k(59576)=0.99842807108837
kQ(59576)=0.99685861313724
r1= : 7.956302086636E-13
rpunto1: = -16802764.905712
rduepunti0 : = -1.2941907665125E+26
fil : = 502.34407234736
fipunto1 : = 1.849197873882E+19
fi_gradi : = 28782.195208918
t1 : = 1.081243482849E-14
tpunto1 : = 1.0060622230957
tduepunti0 : = 1.504516888433E+17
v=v_elettrone : = 22286713.274305
x0= : 7.5886900531734E-13
y0= : -2.4552403803985E-13

```



```
*****
i=59577
k(59577)=0.99842522787547
kQ(59577)=0.99685293565819
r1= : 7.936596023511E-13
rpunto1: = -16817942.005118
rduepunti0 : = -1.2941054315946E+26
fil : = 502.34624106246
fipunto1 : = 1.8583580112515E+19
fi_gradi : = 28782.319467141
t1 : = 1.0812434946479E-14
tpunto1 : = 1.0060799719125
tduepunti0 : = 1.5133880043305E+17
v=v_elettrone : = 22321794.023024
x0= : 7.575225666451E-13
y0= : -2.4328376427848E-13
*****
i=59578
k(59578)=0.99842238238145
kQ(59578)=0.99684725364025
r1= : 7.9168721608821E-13
rpunto1: = -16833117.537533
rduepunti0 : = -1.2939718191483E+26
fil : = 502.34842052046
fipunto1 : = 1.8675947162622E+19
fi_gradi : = 28782.444340885
t1 : = 1.0812435064471E-14
tpunto1 : = 1.0060978256687
tduepunti0 : = 1.5223358779729E+17
v=v_elettrone : = 22357024.909884
x0= : 7.5617087378485E-13
y0= : -2.4104185122827E-13
*****
i=59579
k(59579)=0.99841953471575
kQ(59579)=0.99684156730202
r1= : 7.8971305005871E-13
rpunto1: = -16848290.924128
rduepunti0 : = -1.2937888514413E+26
fil : = 502.35061081114
fipunto1 : = 1.8769088543986E+19
fi_gradi : = 28782.569835297
t1 : = 1.0812435182465E-14
tpunto1 : = 1.0061157852746
tduepunti0 : = 1.5313613493674E+17
v=v_elettrone : = 22392406.989415
x0= : 7.5481389688001E-13
y0= : -2.3879830232712E-13
*****
i=59580
k(59580)=0.99841668499066
kQ(59580)=0.99683587686774
r1= : 7.8773710451425E-13
rpunto1: = -16863461.573162
rduepunti0 : = -1.2935554279208E+26
fil : = 502.35281202532
fipunto1 : = 1.8863013031821E+19
fi_gradi : = 28782.695955579
t1 : = 1.0812435300461E-14
tpunto1 : = 1.0061338516499
tduepunti0 : = 1.5404652690447E+17
v=v_elettrone : = 22427941.325516
x0= : 7.5345160582384E-13
y0= : -2.3655312112612E-13
```

```
*****
i=59581
k(59581)=0.99841383332132
kQ(59581)=0.99683018256738
r1= : 7.857593797759E-13
rpunto1 : = -16878628.879715
rduepunti0 : = -1.2932704247023E+26
fil : = 502.35502425484
fipunto1 : = 1.8957729523653E+19
fi_gradi : = 28782.822706994
t1 : = 1.0812435418459E-14
tpunto1 : = 1.006152025725
tduepunti0 : = 1.5496484981942E+17
v=v_elettrone : = 22463628.991296
x0= : 7.5208397025688E-13
y0= : -2.3430631129176E-13
*****
i=59582
k(59582)=0.99841097982585
kQ(59582)=0.99682448463681
r1= : 7.8377987623566E-13
rpunto1 : = -16893792.225407
rduepunti0 : = -1.2929326940464E+26
fil : = 502.35724759258
fipunto1 : = 1.9053247041288E+19
fi_gradi : = 28782.950094864
t1 : = 1.0812435536459E-14
tpunto1 : = 1.0061703084402
tduepunti0 : = 1.5589119087993E+17
v=v_elettrone : = 22499471.06969
x0= : 7.5071095956424E-13
y0= : -2.3205787660829E-13
*****
i=59583
k(59583)=0.99840812462534
kQ(59583)=0.99681878331789
r1= : 7.8179859435805E-13
rpunto1 : = -16908950.978112
rduepunti0 : = -1.2925410638226E+26
fil : = 502.3594821325
fipunto1 : = 1.9149574732817E+19
fi_gradi : = 28783.07812457
t1 : = 1.0812435654461E-14
tpunto1 : = 1.0061887007462
tduepunti0 : = 1.5682563837748E+17
v=v_elettrone : = 22535468.653775
x0= : 7.4933254287293E-13
y0= : -2.2980782098E-13
*****
i=59584
k(59584)=0.99840526784399
kQ(59584)=0.99681307885862
r1= : 7.7981553468172E-13
rpunto1 : = -16924104.491662
rduepunti0 : = -1.2920943369604E+26
fil : = 502.3617279696
fipunto1 : = 1.9246721874666E+19
fi_gradi : = 28783.206801557
t1 : = 1.0812435772466E-14
tpunto1 : = 1.0062072036041
tduepunti0 : = 1.5776828171057E+17
v=v_elettrone : = 22571622.845825
x0= : 7.4794868904914E-13
y0= : -2.275561484335E-13
```

```
*****
i=59585
k(59585)=0.99840240960911
kQ(59585)=0.99680737151328
r1= : 7.7783069782113E-13
rpunto1: = -16939252.105553
rduepunti0 : = -1.2915912908876E+26
fil : = 502.36398519999
fipunto1 : = 1.9344697873664E+19
fi_gradi : = 28783.336131332
t1 : = 1.0812435890473E-14
tpunto1 : = 1.0062258179858
tduepunti0 : = 1.5871921139866E+17
v=v_elettrone : = 22607934.758612
x0= : 7.4655936669548E-13
y0= : -2.2530286312026E-13
*****
i=59586
k(59586)=0.99839955005126
kQ(59586)=0.99680166154256
r1= : 7.7584408446818E-13
rpunto1: = -16954393.144637
rduepunti0 : = -1.2910306769542E+26
fil : = 502.36625392088
fipunto1 : = 1.9443512269167E+19
fi_gradi : = 28783.466119464
t1 : = 1.0812436008481E-14
tpunto1 : = 1.0062445448739
tduepunti0 : = 1.5967851909631E+17
v=v_elettrone : = 22644405.514424
x0= : 7.451645441482E-13
y0= : -2.2304796931897E-13
*****
i=59587
k(59587)=0.99839668930426
kQ(59587)=0.99679594921371
r1= : 7.7385569539394E-13
rpunto1: = -16969526.91881
rduepunti0 : = -1.2904112198434E+26
fil : = 502.3685342306
fipunto1 : = 1.9543174735209E+19
fi_gradi : = 28783.596771587
t1 : = 1.0812436126493E-14
tpunto1 : = 1.0062633852618
tduepunti0 : = 1.6064629760737E+17
v=v_elettrone : = 22681036.246318
x0= : 7.4376418947436E-13
y0= : -2.2079147143814E-13
*****
i=59588
k(59588)=0.99839382750529
kQ(59588)=0.99679023480067
r1= : 7.7186553145045E-13
rpunto1: = -16984652.722688
rduepunti0 : = -1.2897316169673E+26
fil : = 502.37082622859
fipunto1 : = 1.9643695082687E+19
fi_gradi : = 28783.728093399
t1 : = 1.0812436244506E-14
tpunto1 : = 1.0062823401539
tduepunti0 : = 1.6162264089931E+17
v=v_elettrone : = 22717828.096863
x0= : 7.42358270469E-13
y0= : -2.1853337401852E-13
```

```
*****
i=59589
k(59589)=0.99839096479497
kQ(59589)=0.99678451858423
r1= : 7.6987359357244E-13
rpunto1: = -16999769.835288
rduepunti0 : = -1.2889905378488E+26
fil : = 502.37313001548
fipunto1 : = 1.9745083261598E+19
fi_gradi : = 28783.860090664
t1 : = 1.0812436362521E-14
tpunto1 : = 1.0063014105659
tduepunti0 : = 1.6260764411772E+17
v=v_elettrone : = 22754782.219353
x0= : 7.4094675465223E-13
y0= : -2.1627368173591E-13
*****
i=59590
k(59590)=0.99838810131742
kQ(59590)=0.9967788008522
r1= : 7.6787988277921E-13
rpunto1: = -17014877.519685
rduepunti0 : = -1.2881866234885E+26
fil : = 502.37544569305
fipunto1 : = 1.9847349363308E+19
fi_gradi : = 28783.992769215
t1 : = 1.0812436480539E-14
tpunto1 : = 1.0063205975248
tduepunti0 : = 1.6360140360086E+17
v=v_elettrone : = 22791899.777505
x0= : 7.3952960926634E-13
y0= : -2.1401239940366E-13
*****
i=59591
k(59591)=0.99838523722035
kQ(59591)=0.99677308189953
r1= : 7.6588440017651E-13
rpunto1: = -17029975.022676
rduepunti0 : = -1.2873184857151E+26
fil : = 502.37777336425
fipunto1 : = 1.9950503622854E+19
fi_gradi : = 28784.126134951
t1 : = 1.0812436598559E-14
tpunto1 : = 1.0063399020688
tduepunti0 : = 1.6460401689433E+17
v=v_elettrone : = 22829181.945639
x0= : 7.3810680127281E-13
y0= : -2.1174953197549E-13
*****
i=59592
k(59592)=0.99838237265512
kQ(59592)=0.99676736202847
r1= : 7.6388714695838E-13
rpunto1: = -17045061.574426
rduepunti0 : = -1.2863847065218E+26
fil : = 502.38011313325
fipunto1 : = 2.0054556421305E+19
fi_gradi : = 28784.26019384
t1 : = 1.0812436716581E-14
tpunto1 : = 1.0063593252479
tduepunti0 : = 1.6561558276586E+17
v=v_elettrone : = 22866629.908089
x0= : 7.3667829734938E-13
y0= : -2.0948508454816E-13
```

```
*****
i=59593
k(59593)=0.99837950777686
kQ(59593)=0.99676164154876
r1= : 7.6188812440917E-13
rpunto1 : = -17060136.388114
rduepunti0 : = -1.285383837385E+26
fil : = 502.38246510542
fipunto1 : = 2.0159518288146E+19
fi_gradi : = 28784.394951919
t1 : = 1.0812436834606E-14
tpunto1 : = 1.0063788681239
tduepunti0 : = 1.6663620122022E+17
v=v_elettrone : = 22904244.860826
x0= : 7.3524406388694E-13
y0= : -2.0721906236449E-13
*****
i=59594
k(59594)=0.99837664274451
kQ(59594)=0.99675592077779
r1= : 7.5988733390551E-13
rpunto1 : = -17075198.659563
rduepunti0 : = -1.2843143985673E+26
fil : = 502.38482938738
fipunto1 : = 2.026539990372E+19
fi_gradi : = 28784.530415297
t1 : = 1.0812436952632E-14
tpunto1 : = 1.0063985317702
tduepunti0 : = 1.6766597351422E+17
v=v_elettrone : = 22942028.009848
x0= : 7.338040669866E-13
y0= : -2.0495147081603E-13
*****
i=59595
k(59595)=0.99837377772092
kQ(59595)=0.99675020004075
r1= : 7.5788477691834E-13
rpunto1 : = -17090247.566868
rduepunti0 : = -1.2831748784032E+26
fil : = 502.387206087
fipunto1 : = 2.0372212101698E+19
fi_gradi : = 28784.666590154
t1 : = 1.0812437070662E-14
tpunto1 : = 1.0064183172724
tduepunti0 : = 1.6870500217174E+17
v=v_elettrone : = 22979980.572502
x0= : 7.3235827245645E-13
y0= : -2.0268231544619E-13
*****
i=59596
k(59596)=0.99837091287297
kQ(59596)=0.99674447967081
r1= : 7.5588045501498E-13
rpunto1 : = -17105282.270014
rduepunti0 : = -1.281963732567E+26
fil : = 502.38959531342
fipunto1 : = 2.0479965871608E+19
fi_gradi : = 28784.803482744
t1 : = 1.0812437188693E-14
tpunto1 : = 1.0064382257282
tduepunti0 : = 1.6975339099897E+17
v=v_elettrone : = 23018103.777318
x0= : 7.3090664580857E-13
y0= : -2.0041160195315E-13
```

```
*****
i=59597
k(59597)=0.99836804837159
kQ(59597)=0.99673876000931
r1= : 7.5387436986128E-13
rpunto1: = -17120301.910479
rduepunti0 : = -1.2806793833235E+26
fil : = 502.39199717705
fipunto1 : = 2.0588672361399E+19
fi_gradi : = 28784.941099394
t1 : = 1.0812437306727E-14
tpunto1 : = 1.0064582582479
tduepunti0 : = 1.7081124509965E+17
v=v_elettrone : = 23056398.863317
x0= : 7.2944915225578E-13
y0= : -1.9813933619294E-13
*****
i=59598
k(59598)=0.99836518439192
kQ(59598)=0.99673304140591
r1= : 7.5186652322378E-13
rpunto1: = -17135305.61084
rduepunti0 : = -1.2793202187601E+26
fil : = 502.39441178965
fipunto1 : = 2.0698342880054E+19
fi_gradi : = 28785.079446504
t1 : = 1.0812437424763E-14
tpunto1 : = 1.0064784159538
tduepunti0 : = 1.7187867089041E+17
v=v_elettrone : = 23094867.081031
x0= : 7.2798575670847E-13
y0= : -1.9586552418266E-13
*****
i=59599
k(59599)=0.99836232111335
kQ(59599)=0.99672732421884
r1= : 7.498569169719E-13
rpunto1: = -17150292.474358
rduepunti0 : = -1.2778845919996E+26
fil : = 502.39683926425
fipunto1 : = 2.0808988900246E+19
fi_gradi : = 28785.218530554
t1 : = 1.0812437542801E-14
tpunto1 : = 1.0064986999812
tduepunti0 : = 1.7295577611619E+17
v=v_elettrone : = 23133509.692747
x0= : 7.2651642377134E-13
y0= : -1.9359017210362E-13
*****
i=59600
k(59600)=0.99835945871965
kQ(59600)=0.996721608815
r1= : 7.4784555308025E-13
rpunto1: = -17165261.58456
rduepunti0 : = -1.2763708203942E+26
fil : = 502.39927971528
fipunto1 : = 2.0920622061049E+19
fi_gradi : = 28785.358358098
t1 : = 1.0812437660842E-14
tpunto1 : = 1.0065191114781
tduepunti0 : = 1.7404266986573E+17
v=v_elettrone : = 23172327.97176
x0= : 7.2504111774019E-13
y0= : -1.9131328630459E-13
```

```
*****
i=59601
k(59601)=0.99835659739906
kQ(59601)=0.99671589557023
r1= : 7.4583243363092E-13
rpunto1: = -17180212.004811
rduepunti0 : = -1.2747771846995E+26
fil : = 502.4017332585
fipunto1 : = 2.1033254170686E+19
fi_gradi : = 28785.498935769
t1 : = 1.0812437778885E-14
tpunto1 : = 1.0065396516055
tduepunti0 : = 1.7513946258712E+17
v=v_elettrone : = 23211323.202827
x0= : 7.2355980259852E-13
y0= : -1.8903487330516E-13
*****
i=59602
k(59602)=0.99835373734436
kQ(59602)=0.99671018486945
r1= : 7.4381756081583E-13
rpunto1: = -17195142.777873
rduepunti0 : = -1.2731019282284E+26
fil : = 502.40420001107
fipunto1 : = 2.1146897209338E+19
fi_gradi : = 28785.640270281
t1 : = 1.0812437896931E-14
tpunto1 : = 1.0065603215373
tduepunti0 : = 1.762462661034E+17
v=v_elettrone : = 23250496.682343
x0= : 7.2207244201424E-13
y0= : -1.867549397992E-13
*****
i=59603
k(59603)=0.99835087875302
kQ(59603)=0.99670447710693
r1= : 7.4180093693919E-13
rpunto1: = -17210052.925457
rduepunti0 : = -1.2713432559837E+26
fil : = 502.40668009154
fipunto1 : = 2.1261563331989E+19
fi_gradi : = 28785.782368424
t1 : = 1.0812438014979E-14
tpunto1 : = 1.0065811224609
tduepunti0 : = 1.773631936282E+17
v=v_elettrone : = 23289849.718991
x0= : 7.2057899933627E-13
y0= : -1.8447349265828E-13
*****
i=59604
k(59604)=0.99834802182726
kQ(59604)=0.99669877268641
r1= : 7.3978256441992E-13
rpunto1: = -17224941.447762
rduepunti0 : = -1.2694993337699E+26
fil : = 502.4091736199
fipunto1 : = 2.1377264871334E+19
fi_gradi : = 28785.925237076
t1 : = 1.081243813303E-14
tpunto1 : = 1.006602055577
tduepunti0 : = 1.7849035978148E+17
v=v_elettrone : = 23329383.632894
x0= : 7.1907943759112E-13
y0= : -1.8219053893521E-13
```

```
*****
i=59605
k(59605)=0.99834516677419
kQ(59605)=0.99669307202139
r1= : 7.3776244579421E-13
rpunto1: = -17239807.323006
rduepunti0 : = -1.2675682872823E+26
fil : = 502.41168071759
fipunto1 : = 2.1494014340733E+19
fi_gradi : = 28786.068883192
t1 : = 1.0812438251083E-14
tpunto1 : = 1.0066231221001
tduepunti0 : = 1.7962788060519E+17
v=v_elettrone : = 23369099.755731
x0= : 7.175737194794E-13
y0= : -1.7990608586765E-13
*****
i=59606
k(59606)=0.99834231380589
kQ(59606)=0.9966873755353
r1= : 7.3574058371808E-13
rpunto1: = -17254649.506944
rduepunti0 : = -1.2655482011746E+26
fil : = 502.41420150751
fipunto1 : = 2.1611824437214E+19
fi_gradi : = 28786.213313816
t1 : = 1.0812438369138E-14
tpunto1 : = 1.0066443232584
tduepunti0 : = 1.8077587357905E+17
v=v_elettrone : = 23408999.431787
x0= : 7.1606180737233E-13
y0= : -1.7762014088196E-13
*****
i=59607
k(59607)=0.99833946313954
kQ(59607)=0.99668168366174
r1= : 7.3371698097001E-13
rpunto1: = -17269466.932376
rduepunti0 : = -1.2634371181024E+26
fil : = 502.41673611404
fipunto1 : = 2.1730708044534E+19
fi_gradi : = 28786.358536073
t1 : = 1.0812438487196E-14
tpunto1 : = 1.0066656602939
tduepunti0 : = 1.8193445763629E+17
v=v_elettrone : = 23449084.017523
x0= : 7.1454366330822E-13
y0= : -1.7533271159681E-13
*****
i=59608
k(59608)=0.99833661499751
kQ(59608)=0.99667599684469
r1= : 7.3169164045365E-13
rpunto1: = -17284258.508641
rduepunti0 : = -1.2612330377438E+26
fil : = 502.41928466309
fipunto1 : = 2.1850678236293E+19
fi_gradi : = 28786.504557177
t1 : = 1.0812438605256E-14
tpunto1 : = 1.0066871344628
tduepunti0 : = 1.8310375317945E+17
v=v_elettrone : = 23489354.881605
x0= : 7.1301924898885E-13
y0= : -1.7304380582708E-13
```



```
*****
i=59609
k(59609)=0.99833376960753
kQ(59609)=0.99667031553878
r1= : 7.2966456520054E-13
rpunto1 : = -17299023.121105
rduepunti0 : = -1.2589339157953E+26
fil : = 502.42184728208
fipunto1 : = 2.1971748279101E+19
fi_gradi : = 28786.65138443
t1 : = 1.0812438723319E-14
tpunto1 : = 1.0067087470357
tduepunti0 : = 1.8428388209608E+17
v=v_elettrone : = 23529813.404667
x0= : 7.1148852577588E-13
y0= : -1.7075343158783E-13
*****
i=59610
k(59610)=0.99833092720273
kQ(59610)=0.99666464020947
r1= : 7.2763575837299E-13
rpunto1 : = -17313759.630628
rduepunti0 : = -1.2565376629429E+26
fil : = 502.42442410001
fipunto1 : = 2.2093931635805E+19
fi_gradi : = 28786.799025221
t1 : = 1.0812438841385E-14
tpunto1 : = 1.0067304992975
tduepunti0 : = 1.8547496777449E+17
v=v_elettrone : = 23570460.980258
x0= : 7.0995145468714E-13
y0= : -1.6846159709832E-13
*****
i=59611
k(59611)=0.99832808802183
kQ(59611)=0.99665897133332
r1= : 7.2560522326685E-13
rpunto1 : = -17328466.873029
rduepunti0 : = -1.2540421438078E+26
fil : = 502.42701524744
fipunto1 : = 2.2217241968765E+19
fi_gradi : = 28786.947487033
t1 : = 1.0812438959453E-14
tpunto1 : = 1.006752392548
tduepunti0 : = 1.8667713511946E+17
v=v_elettrone : = 23611299.014299
x0= : 7.0840799639298E-13
y0= : -1.6616831078611E-13
*****
i=59612
k(59612)=0.99832525230922
kQ(59612)=0.99665330939826
r1= : 7.2357296331454E-13
rpunto1 : = -17343143.658529
rduepunti0 : = -1.2514451758657E+26
fil : = 502.42962085655
fipunto1 : = 2.2341693143194E+19
fi_gradi : = 28787.096777438
t1 : = 1.0812439077524E-14
tpunto1 : = 1.0067744281016
tduepunti0 : = 1.8789051056788E+17
v=v_elettrone : = 23652328.925973
x0= : 7.068581112125E-13
y0= : -1.6387358129127E-13
```

```
*****
i=59613
k(59613)=0.9983224203151
kQ(59613)=0.99664765490381
r1= : 7.21538982088E-13
rpunto1 : = -17357788.771188
rduepunti0 : = -1.2487445283391E+26
fil : = 502.43224106113
fipunto1 : = 2.2467299230559E+19
fi_gradi : = 28787.246904102
t1 : = 1.0812439195597E-14
tpunto1 : = 1.0067966072877
tduepunti0 : = 1.8911522210438E+17
v=v_elettrone : = 23693552.146174
x0= : 7.0530175910976E-13
y0= : -1.6157741747057E-13
*****
i=59614
k(59614)=0.99831959229564
kQ(59614)=0.99664200836133
r1= : 7.1950328330179E-13
rpunto1 : = -17372400.968324
rduepunti0 : = -1.2459379210623E+26
fil : = 502.43487599662
fipunto1 : = 2.2594074512029E+19
fi_gradi : = 28787.397874785
t1 : = 1.0812439313673E-14
tpunto1 : = 1.0068189314511
tduepunti0 : = 1.903513992768E+17
v=v_elettrone : = 23734970.119766
x0= : 7.0373889968995E-13
y0= : -1.5927982840201E-13
*****
i=59615
k(59615)=0.99831676851304
kQ(59615)=0.99663637029432
r1= : 7.1746587081619E-13
rpunto1 : = -17386978.979919
rduepunti0 : = -1.2430230233181E+26
fil : = 502.43752580016
fipunto1 : = 2.2722033482001E+19
fi_gradi : = 28787.549697344
t1 : = 1.0812439431751E-14
tpunto1 : = 1.0068414019518
tduepunti0 : = 1.9159917321165E+17
v=v_elettrone : = 23776584.303751
x0= : 7.0216949219552E-13
y0= : -1.5698082338914E-13
*****
i=59616
k(59616)=0.99831394923574
kQ(59616)=0.99663074123867
r1= : 7.1542674864044E-13
rpunto1 : = -17401521.508017
rduepunti0 : = -1.2399974526454E+26
fil : = 502.44019061055
fipunto1 : = 2.2851190851671E+19
fi_gradi : = 28787.702379733
t1 : = 1.0812439549832E-14
tpunto1 : = 1.0068640201654
tduepunti0 : = 1.9285867662945E+17
v=v_elettrone : = 23818396.168974
x0= : 7.005934955023E-13
y0= : -1.5468041196579E-13
```

```
*****
i=59617
k(59617)=0.99831113473853
kQ(59617)=0.99662512174293
r1= : 7.1338592093599E-13
rpunto1 : = -17416027.226098
rduepunti0 : = -1.2368587736167E+26
fil : = 502.44287056836
fipunto1 : = 2.2981561552678E+19
fi_gradi : = 28787.855930005
t1 : = 1.0812439667916E-14
tpunto1 : = 1.0068867874832
tduepunti0 : = 1.9413004385993E+17
v=v_elettrone : = 23860407.199191
x0= : 6.9901086811548E-13
y0= : -1.5237860390052E-13
*****
i=59618
k(59618)=0.99830832530267
kQ(59618)=0.99661951236862
r1= : 7.1134339201989E-13
rpunto1 : = -17430494.778443
rduepunti0 : = -1.233604496586E+26
fil : = 502.44556581587
fipunto1 : = 2.3113160740806E+19
fi_gradi : = 28788.010356312
t1 : = 1.0812439786002E-14
tpunto1 : = 1.0069097053127
tduepunti0 : = 1.9541341085708E+17
v=v_elettrone : = 23902618.891284
x0= : 6.9742156816569E-13
y0= : -1.5007540920154E-13
*****
i=59619
k(59619)=0.99830552121606
kQ(59619)=0.99661391369047
r1= : 7.0929916636815E-13
rpunto1 : = -17444922.779484
rduepunti0 : = -1.2302320764041E+26
fil : = 502.44827649716
fipunto1 : = 2.3246003799754E+19
fi_gradi : = 28788.165666909
t1 : = 1.0812439904091E-14
tpunto1 : = 1.0069327750773
tduepunti0 : = 1.9670891521409E+17
v=v_elettrone : = 23945032.755933
x0= : 6.9582555340489E-13
y0= : -1.4777083812151E-13
*****
i=59620
k(59620)=0.99830272277339
kQ(59620)=0.99660832629676
r1= : 7.072532486193E-13
rpunto1 : = -17459309.813139
rduepunti0 : = -1.226738911103E+26
fil : = 502.45100275811
fipunto1 : = 2.3380106344967E+19
fi_gradi : = 28788.321870156
t1 : = 1.0812440022183E-14
tpunto1 : = 1.0069559982167
tduepunti0 : = 1.9801669617806E+17
v=v_elettrone : = 23987650.316816
x0= : 6.9422278120235E-13
y0= : -1.454649011625E-13
```

```

*****
i=59621
k(59621)=0.99829993027627
kQ(59621)=0.9966027507896
r1= : 7.0520564357794E-13
rpunto1 : = -17473654.432128
rduepunti0 : = -1.2231223405467E+26
fil : = 502.45374474643
fipunto1 : = 2.3515484227537E+19
fi_gradi : = 28788.478974514
t1 : = 1.0812440140277E-14
tpunto1 : = 1.0069793761872
tduepunti0 : = 1.9933689466452E+17
v=v_elettrone : = 24030473.112158
x0= : 6.9261320854046E-13
y0= : -1.4315760908115E-13
*****
i=59622
k(59622)=0.9982971440334
kQ(59622)=0.99659718778525
r1= : 7.0315635621841E-13
rpunto1 : = -17487955.157273
rduepunti0 : = -1.219379645048E+26
fil : = 502.45650261169
fipunto1 : = 2.3652153538169E+19
fi_gradi : = 28788.636988554
t1 : = 1.0812440258375E-14
tpunto1 : = 1.0070029104619
tduepunti0 : = 2.0066965327176E+17
v=v_elettrone : = 24073502.692934
x0= : 6.9099679201063E-13
y0= : -1.4084897289366E-13
*****
i=59623
k(59623)=0.99829436436074
kQ(59623)=0.99659163791442
r1= : 7.0110539168852E-13
rpunto1 : = -17502210.476785
rduepunti0 : = -1.2155080439517E+26
fil : = 502.45927650536
fipunto1 : = 2.3790130611215E+19
fi_gradi : = 28788.795920954
t1 : = 1.0812440376475E-14
tpunto1 : = 1.0070266025308
tduepunti0 : = 2.0201511629489E+17
v=v_elettrone : = 24116740.624338
x0= : 6.8937348780899E-13
y0= : -1.3853900388127E-13
*****
i=59624
k(59624)=0.99829159158164
kQ(59624)=0.9965861018226
r1= : 6.9905275531339E-13
rpunto1 : = -17516418.845535
rduepunti0 : = -1.2115046941809E+26
fil : = 502.46206658079
fipunto1 : = 2.3929432028778E+19
fi_gradi : = 28788.955780501
t1 : = 1.0812440494577E-14
tpunto1 : = 1.0070504539009
tduepunti0 : = 2.0337342973959E+17
v=v_elettrone : = 24160188.486044
x0= : 6.8774325173223E-13
y0= : -1.3622771359561E-13

```

```
*****
i=59625
k(59625)=0.99828882602702
kQ(59625)=0.99658058017041
r1= : 6.9699845259933E-13
rpunto1: = -17530578.684298
rduepunti0 : = -1.207366688748E+26
fil : = 502.46487299331
fipunto1 : = 2.4070074624888E+19
fi_gradi : = 28789.116576094
t1 : = 1.0812440612683E-14
tpunto1 : = 1.0070744660966
tduepunti0 : = 2.0474474133564E+17
v=v_elettrone : = 24203847.870557
x0= : 6.8610603917324E-13
y0= : -1.3391511386413E-13
*****
i=59626
k(59626)=0.99828606803555
kQ(59626)=0.99657507363389
r1= : 6.9494248923789E-13
rpunto1: = -17544688.37899
rduepunti0 : = -1.2030910552275E+26
fil : = 502.46769590021
fipunto1 : = 2.4212075489744E+19
fi_gradi : = 28789.278316745
t1 : = 1.0812440730791E-14
tpunto1 : = 1.0070986406599
tduepunti0 : = 2.0612920055008E+17
v=v_elettrone : = 24247720.385738
x0= : 6.8446180511676E-13
y0= : -1.3160121679592E-13
*****
i=59627
k(59627)=0.99828331795381
kQ(59627)=0.99656958290488
r1= : 6.9288487110989E-13
rpunto1: = -17558746.27988
rduepunti0 : = -1.198674754191E+26
fil : = 502.47053546079
fipunto1 : = 2.435545197403E+19
fi_gradi : = 28789.441011582
t1 : = 1.0812440848902E-14
tpunto1 : = 1.0071229791505
tduepunti0 : = 2.0752695859998E+17
v=v_elettrone : = 24291807.652859
x0= : 6.8281050413503E-13
y0= : -1.2928603478731E-13
*****
i=59628
k(59628)=0.99828057613647
kQ(59628)=0.99656410869137
r1= : 6.9082560428964E-13
rpunto1: = -17572750.700788
rduepunti0 : = -1.1941146776028E+26
fil : = 502.47339183637
fipunto1 : = 2.4500221693311E+19
fi_gradi : = 28789.604669847
t1 : = 1.0812440967017E-14
tpunto1 : = 1.0071474831458
tduepunti0 : = 2.089381684649E+17
v=v_elettrone : = 24336111.30812
x0= : 6.8115209038331E-13
y0= : -1.2696958052786E-13
```

```
*****
i=59629
k(59629)=0.99827784294646
kQ(59629)=0.99655865171784
r1= : 6.8876469504921E-13
rpunto1: = -17586699.918258
rduepunti0 : = -1.1894076471749E+26
fil : = 502.47626519036
fipunto1 : = 2.4646402532489E+19
fi_gradi : = 28789.769300904
t1 : = 1.0812441085133E-14
tpunto1 : = 1.0071721542418
tduepunti0 : = 2.1036298489891E+17
v=v_elettrone : = 24380633.001566
x0= : 6.7948651759545E-13
y0= : -1.246518670063E-13
*****
i=59630
k(59630)=0.99827511875518
kQ(59630)=0.99655321272567
r1= : 6.8670214986278E-13
rpunto1: = -17600592.170716
rduepunti0 : = -1.1845504126812E+26
fil : = 502.47915568824
fipunto1 : = 2.4794012650347E+19
fi_gradi : = 28789.934914233
t1 : = 1.0812441203253E-14
tpunto1 : = 1.0071969940526
tduepunti0 : = 2.1180156444208E+17
v=v_elettrone : = 24425374.398296
x0= : 6.7781373907934E-13
y0= : -1.2233290751678E-13
*****
i=59631
k(59631)=0.99827240394265
kQ(59631)=0.99654779247344
r1= : 6.8463797541113E-13
rpunto1: = -17614425.657607
rduepunti0 : = -1.1795396502285E+26
fil : = 502.48206349765
fipunto1 : = 2.494307048416E+19
fi_gradi : = 28790.10151944
t1 : = 1.0812441321376E-14
tpunto1 : = 1.0072220042107
tduepunti0 : = 2.132540654316E+17
v=v_elettrone : = 24470337.177767
x0= : 6.7613370771236E-13
y0= : -1.2001271566504E-13
*****
i=59632
k(59632)=0.99826969889775
kQ(59632)=0.9965423917374
r1= : 6.8257217858622E-13
rpunto1: = -17628198.538508
rduepunti0 : = -1.1743719604853E+26
fil : = 502.48498878836
fipunto1 : = 2.5093594754388E+19
fi_gradi : = 28790.269126252
t1 : = 1.0812441439502E-14
tpunto1 : = 1.0072471863677
tduepunti0 : = 2.1472064801229E+17
v=v_elettrone : = 24515523.033776
x0= : 6.7444637593675E-13
y0= : -1.1769130537489E-13
```

```
*****
i=59633
k(59633)=0.99826700401836
kQ(59633)=0.9965370113118
r1= : 6.8050476649583E-13
rpunto1 : = -17641908.932224
rduepunti0 : = -1.1690438668648E+26
fil : = 502.48793173236
fipunto1 : = 2.5245604469446E+19
fi_gradi : = 28790.437744522
t1 : = 1.081244155763E-14
tpunto1 : = 1.0072725421941
tduepunti0 : = 2.1620147414659E+17
v=v_elettrone : = 24560933.675543
x0= : 6.7275169575495E-13
y0= : -1.1536869089482E-13
*****
i=59634
k(59634)=0.99826431971163
kQ(59634)=0.99653165200932
r1= : 6.7843574646838E-13
rpunto1 : = -17655554.915857
rduepunti0 : = -1.1635518136629E+26
fil : = 502.49089250387
fipunto1 : = 2.5399118930546E+19
fi_gradi : = 28790.607384234
t1 : = 1.0812441675762E-14
tpunto1 : = 1.0072980733795
tduepunti0 : = 2.176967076239E+17
v=v_elettrone : = 24606570.826899
x0= : 6.7104961872493E-13
y0= : -1.1304488680463E-13
*****
i=59635
k(59635)=0.99826164639411
kQ(59635)=0.99652631466148
r1= : 6.7636512605781E-13
rpunto1 : = -17669134.52386
rduepunti0 : = -1.1578921641495E+26
fil : = 502.49387127935
fipunto1 : = 2.5554157736629E+19
fi_gradi : = 28790.778055497
t1 : = 1.0812441793897E-14
tpunto1 : = 1.0073237816331
tduepunti0 : = 2.1920651406931E+17
v=v_elettrone : = 24652436.226623
x0= : 6.6934009595545E-13
y0= : -1.1071990802228E-13
*****
i=59636
k(59636)=0.99825898449202
kQ(59636)=0.99652100011905
r1= : 6.7429291304855E-13
rpunto1 : = -17682645.747061
rduepunti0 : = -1.1520611986113E+26
fil : = 502.49686823758
fipunto1 : = 2.5710740789369E+19
fi_gradi : = 28790.949768555
t1 : = 1.0812441912034E-14
tpunto1 : = 1.0073496686835
tduepunti0 : = 2.2073106095162E+17
v=v_elettrone : = 24698531.628469
x0= : 6.6762307810124E-13
y0= : -1.0839376981091E-13
```

```
*****
i=59637
k(59637)=0.99825633444145
kQ(59637)=0.99651570925248
r1= : 6.7221911546068E-13
rpunto1:= -17696086.531667
rduepunti0 : = -1.1460551123461E+26
fil : = 502.49988355966
fipunto1 : = 2.5868888298261E+19
fi_gradi : = 28791.122533784
t1 : = 1.0812442030175E-14
tpunto1 : = 1.0073757362793
tduepunti0 : = 2.2227051759057E+17
v=v_elettrone : = 24744858.801405
x0= : 6.6589851535818E-13
y0= : -1.0606648778602E-13
*****
i=59638
k(59638)=0.99825369668854
kQ(59638)=0.99651044295233
r1= : 6.7014374155517E-13
rpunto1:= -17709454.778243
rduepunti0 : = -1.139870013606E+26
fil : = 502.50291742908
fipunto1 : = 2.6028620785792E+19
fi_gradi : = 28791.296361697
t1 : = 1.0812442148319E-14
tpunto1 : = 1.0074019861894
tduepunti0 : = 2.2382505516337E+17
v=v_elettrone : = 24791419.529581
x0= : 6.6416635745846E-13
y0= : -1.0373807792277E-13
*****
i=59639
k(59639)=0.99825107168976
kQ(59639)=0.99650520212976
r1= : 6.6806679983916E-13
rpunto1:= -17722748.340668
rduepunti0 : = -1.1335019214892E+26
fil : = 502.50597003171
fipunto1 : = 2.6189959092689E+19
fi_gradi : = 28791.471262945
t1 : = 1.0812442266465E-14
tpunto1 : = 1.0074284202025
tduepunti0 : = 2.2539484671028E+17
v=v_elettrone : = 24838215.612469
x0= : 6.624265536656E-13
y0= : -1.0140855656342E-13
*****
i=59640
k(59640)=0.99824845991211
kQ(59640)=0.99649998771691
r1= : 6.6598829907152E-13
rpunto1:= -17735965.025059
rduepunti0 : = -1.1269467637794E+26
fil : = 502.50904155589
fipunto1 : = 2.6352924383261E+19
fi_gradi : = 28791.647248317
t1 : = 1.0812442384615E-14
tpunto1 : = 1.0074550401281
tduepunti0 : = 2.2698006713932E+17
v=v_elettrone : = 24885248.864982
x0= : 6.6067905276955E-13
y0= : -9.9077940425017E-14
```



```
*****
i=59641
k(59641)=0.99824586183336
kQ(59641)=0.99649480066743
r1= : 6.639082482684E-13
rpunto1: = -17749102.58868
rduepunti0 : = -1.1202003747303E+26
fil : = 502.51213219243
fipunto1 : = 2.6517538150813E+19
fi_gradi : = 28791.824328746
t1 : = 1.0812442502768E-14
tpunto1 : = 1.0074818477966
tduepunti0 : = 2.2858089323004E+17
v=v_elettrone : = 24932521.116854
x0= : 6.5892380308166E-13
y0= : -9.6746246607134E-14
*****
i=59642
k(59642)=0.99824327794228
kQ(59642)=0.99648964195695
r1= : 6.6182665670899E-13
rpunto1: = -17762158.738818
rduepunti0 : = -1.1132584927944E+26
fil : = 502.51524213466
fipunto1 : = 2.6683822223153E+19
fi_gradi : = 28792.00251531
t1 : = 1.0812442620924E-14
tpunto1 : = 1.0075088450591
tduepunti0 : = 2.3019750363624E+17
v=v_elettrone : = 24980034.214026
x0= : 6.5716075242964E-13
y0= : -9.4413492599989E-14
*****
i=59643
k(59643)=0.9982407087389
kQ(59643)=0.99648451258353
r1= : 6.5974353394135E-13
rpunto1: = -17775131.131626
rduepunti0 : = -1.1061167582957E+26
fil : = 502.51837157846
fipunto1 : = 2.6851798768181E+19
fi_gradi : = 28792.181819233
t1 : = 1.0812442739084E-14
tpunto1 : = 1.0075360337878
tduepunti0 : = 2.3183007888756E+17
v=v_elettrone : = 25027790.017718
x0= : 6.5538984815245E-13
y0= : -9.2079696292468E-14
*****
i=59644
k(59644)=0.99823815473473
kQ(59644)=0.99647941356821
r1= : 6.5765888978843E-13
rpunto1: = -17788017.370953
rduepunti0 : = -1.0987707110433E+26
fil : = 502.52152072233
fipunto1 : = 2.7021490299564E+19
fi_gradi : = 28792.362251886
t1 : = 1.0812442857246E-14
tpunto1 : = 1.0075634158765
tduepunti0 : = 2.3347880138998E+17
v=v_elettrone : = 25075790.404826
x0= : 6.536110370952E-13
y0= : -8.9744875980505E-14
```

```
*****
i=59645
k(59645)=0.99823561645308
kQ(59645)=0.99647434595546
r1= : 6.5557273435421E-13
rpunto1 : = -17800815.007127
rduepunti0 : = -1.0912157878856E+26
fil : = 502.52468976741
fipunto1 : = 2.71929196825E+19
fi_gradi : = 28792.543824793
t1 : = 1.0812442975412E-14
tpunto1 : = 1.0075909932406
tduepunti0 : = 2.3514385542503E+17
v=v_elettrone : = 25124037.267578
x0= : 6.51824265604E-13
y0= : -8.7409050375604E-14
*****
i=59646
k(59646)=0.99823309442923
kQ(59646)=0.99646931081375
r1= : 6.5348507802993E-13
rpunto1 : = -17813521.535728
rduepunti0 : = -1.0834473202035E+26
fil : = 502.5278789175
fipunto1 : = 2.7366110139564E+19
fi_gradi : = 28792.726549634
t1 : = 1.0812443093581E-14
tpunto1 : = 1.0076187678173
tduepunti0 : = 2.3682542714774E+17
v=v_elettrone : = 25172532.514072
x0= : 6.5002947952068E-13
y0= : -8.5072238613599E-14
*****
i=59647
k(59647)=0.99823058921076
kQ(59647)=0.99646430923606
r1= : 6.5139593150059E-13
rpunto1 : = -17826134.396313
rduepunti0 : = -1.0754605313402E+26
fil : = 502.53108837913
fipunto1 : = 2.7541085256646E+19
fi_gradi : = 28792.91043824
t1 : = 1.0812443211753E-14
tpunto1 : = 1.0076467415657
tduepunti0 : = 2.3852370458313E+17
v=v_elettrone : = 25221278.068299
x0= : 6.482266241776E-13
y0= : -8.2734460263541E-14
*****
i=59648
k(59648)=0.99822810135781
kQ(59648)=0.99645934234042
r1= : 6.4930530575143E-13
rpunto1 : = -17838650.971121
rduepunti0 : = -1.0672505339679E+26
fil : = 502.53431836163
fipunto1 : = 2.7717868988974E+19
fi_gradi : = 28793.095502605
t1 : = 1.0812443329929E-14
tpunto1 : = 1.0076749164673
tduepunti0 : = 2.4023887762131E+17
v=v_elettrone : = 25270275.870128
x0= : 6.4641564439235E-13
y0= : -8.0395735336779E-14
```

```
*****
i=59649
k(59649)=0.99822563144334
kQ(59649)=0.99645441127046
r1= : 6.4721321207474E-13
rpunto1: = -17851068.583745
rduepunti0 : = -1.0588123273879E+26
fil : = 502.53756907708
fipunto1 : = 2.7896485667229E+19
fi_gradi : = 28793.281754881
t1 : = 1.0812443448107E-14
tpunto1 : = 1.0077032945262
tduepunti0 : = 2.4197113801097E+17
v=v_elettrone : = 25319527.874578
x0= : 6.4459648446241E-13
y0= : -7.8056084296263E-14
*****
i=59650
k(59650)=0.99822318005343
kQ(59650)=0.99644951719599
r1= : 6.4511966207666E-13
rpunto1: = -17863384.497767
rduepunti0 : = -1.050140794764E+26
fil : = 502.54084074047
fipunto1 : = 2.8076960003739E+19
fi_gradi : = 28793.469207385
t1 : = 1.081244356629E-14
tpunto1 : = 1.007731877769
tduepunti0 : = 2.4372067935126E+17
v=v_elettrone : = 25369036.053491
x0= : 6.4276908815978E-13
y0= : -7.5715528066172E-14
*****
i=59651
k(59651)=0.99822074778756
kQ(59651)=0.99644466131356
r1= : 6.4302466768428E-13
rpunto1: = -17875595.915366
rduepunti0 : = -1.041230700287E+26
fil : = 502.54413356965
fipunto1 : = 2.8259317098774E+19
fi_gradi : = 28793.6578726
t1 : = 1.0812443684475E-14
tpunto1 : = 1.0077606682454
tduepunti0 : = 2.4548769708186E+17
v=v_elettrone : = 25418802.394054
x0= : 6.4093339872563E-13
y0= : -7.3374088041487E-14
*****
i=59652
k(59652)=0.99821833525891
kQ(59652)=0.99643984484707
r1= : 6.409282411528E-13
rpunto1: = -17887699.975884
rduepunti0 : = -1.0320766862684E+26
fil : = 502.54744778544
fipunto1 : = 2.8443582446916E+19
fi_gradi : = 28793.847763177
t1 : = 1.0812443802664E-14
tpunto1 : = 1.007789668028
tduepunti0 : = 2.4727238847131E+17
v=v_elettrone : = 25468828.899034
x0= : 6.3908935886479E-13
y0= : -7.1031786098038E-14
```

```
*****
i=59653
k(59653)=0.99821594309465
kQ(59653)=0.99643506904834
r1= : 6.3883039507292E-13
rpunto1: = -17899693.754367
rduepunti0 : = -1.0226732701629E+26
fil : = 502.55078361162
fipunto1 : = 2.8629781943529E+19
fi_gradi : = 28794.038891938
t1 : = 1.0812443920856E-14
tpunto1 : = 1.007818879213
tduepunti0 : = 2.4907495260327E+17
v=v_elettrone : = 25519117.587658
x0= : 6.3723691074032E-13
y0= : -6.8688644602729E-14
*****
i=59654
k(59654)=0.99821357193626
kQ(59654)=0.99643033519774
r1= : 6.3673114237837E-13
rpunto1: = -17911574.260061
rduepunti0 : = -1.0130148415159E+26
fil : = 502.55414127504
fipunto1 : = 2.8817941891312E+19
fi_gradi : = 28794.231271881
t1 : = 1.0812444039052E-14
tpunto1 : = 1.00784830392
tduepunti0 : = 2.5089559036083E+17
v=v_elettrone : = 25569670.494868
x0= : 6.3537599596801E-13
y0= : -6.6344686423852E-14
*****
i=59655
k(59655)=0.99821122243985
kQ(59655)=0.99642564460485
r1= : 6.3463049635364E-13
rpunto1: = -17923338.434876
rduepunti0 : = -1.0030956588368E+26
fil : = 502.55752100561
fipunto1 : = 2.9008089006934E+19
fi_gradi : = 28794.424916178
t1 : = 1.0812444157251E-14
tpunto1 : = 1.0078779442924
tduepunti0 : = 2.5273450440859E+17
v=v_elettrone : = 25620489.671653
x0= : 6.3350655561084E-13
y0= : -6.3999934941766E-14
*****
i=59656
k(59656)=0.99820889527645
kQ(59656)=0.99642099860903
r1= : 6.3252847064185E-13
rpunto1: = -17934983.151815
rduepunti0 : = -9.9290984639448E+25
fil : = 502.56092303638
fipunto1 : = 2.9200250427769E+19
fi_gradi : = 28794.619838184
t1 : = 1.0812444275454E-14
tpunto1 : = 1.0079078024977
tduepunti0 : = 2.5459189917242E+17
v=v_elettrone : = 25671577.184662
x0= : 6.316285301734E-13
y0= : -6.165441405975E-14
```

```
*****
i=59657
k(59657)=0.99820659113238
kQ(59657)=0.99641639858012
r1= : 6.3042507925288E-13
rpunto1: = -17946505.213354
rduerpunti0 : = -9.8245139093407E+25
fil : = 502.5643476036
fipunto1 : = 2.9394453718708E+19
fi_gradi : = 28794.816051432
t1 : = 1.081244439366E-14
tpunto1 : = 1.0079378807274
tduerpunti0 : = 2.5646798081687E+17
v=v_elettrone : = 25722935.116443
x0= : 6.297418595963E-13
y0= : -5.9308148215172E-14
*****
i=59658
k(59658)=0.99820431070954
kQ(59658)=0.99641184591911
r1= : 6.2832033657159E-13
rpunto1: = -17957901.349797
rduerpunti0 : = -9.717141383133E+25
fil : = 502.56779494672
fipunto1 : = 2.9590726879059E+19
fi_gradi : = 28795.013569643
t1 : = 1.0812444511869E-14
tpunto1 : = 1.0079681811974
tduerpunti0 : = 2.5836295721998E+17
v=v_elettrone : = 25774565.56584
x0= : 6.2784648325055E-13
y0= : -5.6961162390868E-14
*****
i=59659
k(59659)=0.99820205472578
kQ(59659)=0.99640734205878
r1= : 6.262142573663E-13
rpunto1: = -17969168.21758
rduerpunti0 : = -9.6069179005617E+25
fil : = 502.5712653085
fipunto1 : = 2.978909834954E+19
fi_gradi : = 28795.212406727
t1 : = 1.0812444630083E-14
tpunto1 : = 1.0079987061483
tduerpunti0 : = 2.6027703794539E+17
v=v_elettrone : = 25826470.64681
x0= : 6.2594233993191E-13
y0= : -5.4613482126702E-14
*****
i=59660
k(59660)=0.99819982391525
kQ(59660)=0.99640288846443
r1= : 6.2410685679749E-13
rpunto1: = -17980302.397537
rduerpunti0 : = -9.4937789982254E+25
fil : = 502.57475893503
fipunto1 : = 2.9989597019341E+19
fi_gradi : = 28795.412576782
t1 : = 1.0812444748299E-14
tpunto1 : = 1.0080294578454
tduerpunti0 : = 2.6221043421163E+17
v=v_elettrone : = 25878652.489836
x0= : 6.240293678552E-13
y0= : -5.226513353159E-14
```

```
*****
i=59661
k(59661)=0.99819761902871
kQ(59661)=0.99639848663458
r1= : 6.219981504266E-13
rpunto1: = -17991300.393123
rduepunti0 : = -9.3776586979175E+25
fil : = 502.57827607578
fipunto1 : = 3.0192252233289E+19
fi_gradi : = 28795.614094103
t1 : = 1.081244486652E-14
tpunto1 : = 1.008060438579
tduepunti0 : = 2.6416335885843E+17
v=v_elettrone : = 25931113.240642
x0= : 6.2210750464863E-13
y0= : -4.9916143295543E-14
*****
i=59662
k(59662)=0.99819544083394
kQ(59662)=0.99639413810167
r1= : 6.1988815422515E-13
rpunto1: = -18002158.628595
rduepunti0 : = -9.2584894695824E+25
fil : = 502.58181698367
fipunto1 : = 3.0397093799077E+19
fi_gradi : = 28795.816973181
t1 : = 1.0812444984744E-14
tpunto1 : = 1.0080916506644
tduepunti0 : = 2.6613602630983E+17
v=v_elettrone : = 25983855.061069
x0= : 6.2017668734805E-13
y0= : -4.7566538702201E-14
*****
i=59663
k(59663)=0.9981932901161
kQ(59663)=0.9963898444328
r1= : 6.1777688458404E-13
rpunto1: = -18012873.447148
rduepunti0 : = -9.1362021933761E+25
fil : = 502.58538191512
fipunto1 : = 3.0604151994587E+19
fi_gradi : = 28796.021228707
t1 : = 1.0812445102971E-14
tpunto1 : = 1.0081230964424
tduepunti0 : = 2.6812865253404E+17
v=v_elettrone : = 26036880.127924
x0= : 6.1823685239124E-13
y0= : -4.5216347641485E-14
*****
i=59664
k(59664)=0.99819116767807
kQ(59664)=0.99638560723051
r1= : 6.1566435832301E-13
rpunto1: = -18023441.109002
rduepunti0 : = -9.0107261208097E+25
fil : = 502.58897113007
fipunto1 : = 3.0813457575286E+19
fi_gradi : = 28796.226875576
t1 : = 1.0812445221203E-14
tpunto1 : = 1.0081547782792
tduepunti0 : = 2.7014145499977E+17
v=v_elettrone : = 26090190.63441
x0= : 6.1628793561215E-13
y0= : -4.2865598622726E-14
```

```
*****
i=59665
k(59665)=0.99818907434088
kQ(59665)=0.9963814281335
r1= : 6.1355059270041E-13
rpunto1: = -18033857.78945
rduepunti0 : = -8.8819888349585E+25
fil : = 502.59258489211
fipunto1 : = 3.1025041781699E+19
fi_gradi : = 28796.433928889
t1 : = 1.0812445339438E-14
tpunto1 : = 1.0081866985669
tduepunti0 : = 2.7217465262885E+17
v=v_elettrone : = 26143788.788666
x0= : 6.1432987223509E-13
y0= : -4.0514320787836E-14
*****
i=59666
k(59666)=0.99818701094406
kQ(59666)=0.99637730881743
r1= : 6.1143560542313E-13
rpunto1: = -18044119.576848
rduepunti0 : = -8.7499162097179E+25
fil : = 502.59622346847
fipunto1 : = 3.1238936346958E+19
fi_gradi : = 28796.642403958
t1 : = 1.0812445457677E-14
tpunto1 : = 1.008218859723
tduepunti0 : = 2.7422846574508E+17
v=v_elettrone : = 26197676.814017
x0= : 6.1236259686904E-13
y0= : -3.8162543925009E-14
*****
i=59667
k(59667)=0.99818497834606
kQ(59667)=0.99637325099572
r1= : 6.0931941465684E-13
rpunto1: = -18054222.470567
rduepunti0 : = -8.6144323680862E+25
fil : = 502.59988713011
fipunto1 : = 3.1455173504428E+19
fi_gradi : = 28796.852316307
t1 : = 1.0812445575919E-14
tpunto1 : = 1.0082512641914
tduepunti0 : = 2.7630311601888E+17
v=v_elettrone : = 26251856.949375
x0= : 6.1038604350176E-13
y0= : -3.5810298482676E-14
*****
i=59668
k(59668)=0.99818297742465
kQ(59668)=0.99636925642034
r1= : 6.0720203903637E-13
rpunto1: = -18064162.378886
rduepunti0 : = -8.4754596394557E+25
fil : = 502.60357615176
fipunto1 : = 3.1673785995394E+19
fi_gradi : = 28797.063681678
t1 : = 1.0812445694166E-14
tpunto1 : = 1.008283914442
tduepunti0 : = 2.7839882640782E+17
v=v_elettrone : = 26306331.448531
x0= : 6.0840014549407E-13
y0= : -3.3457615583691E-14
```

```
*****
i=59669
k(59669)=0.99818100907733
kQ(59669)=0.99636532688264
r1= : 6.0508349767644E-13
rpunto1 : = -18073935.116838
rduepunti0 : = -8.3329185158932E+25
fil : = 502.60729081199
fipunto1 : = 3.1894807076822E+19
fi_gradi : = 28797.276516032
t1 : = 1.0812445812416E-14
tpunto1 : = 1.008316812971
tduepunti0 : = 2.8051582109249E+17
v=v_elettrone : = 26361102.580466
x0= : 6.0640483557401E-13
y0= : -3.1104527039937E-14
*****
i=59670
k(59670)=0.99817907422175
kQ(59670)=0.99636146421419
r1= : 6.0296381018258E-13
rpunto1 : = -18083536.404003
rduepunti0 : = -8.1867276073911E+25
fil : = 502.61103139329
fipunto1 : = 3.2118270529187E+19
fi_gradi : = 28797.490835553
t1 : = 1.081244593067E-14
tpunto1 : = 1.0083499623009
tduepunti0 : = 2.8265432540778E+17
v=v_elettrone : = 26416172.628982
x0= : 6.0440004583108E-13
y0= : -2.8751065367196E-14
*****
i=59671
k(59671)=0.99817717379612
kQ(59671)=0.99635767028761
r1= : 6.008429966623E-13
rpunto1 : = -18092961.862246
rduepunti0 : = -8.0368035960687E+25
fil : = 502.61479818209
fipunto1 : = 3.2344210664353E+19
fi_gradi : = 28797.706656653
t1 : = 1.0812446048928E-14
tpunto1 : = 1.008383364981
tduepunti0 : = 2.8481456576908E+17
v=v_elettrone : = 26471543.892288
x0= : 6.0238570771039E-13
y0= : -2.639726380039E-14
*****
i=59672
k(59672)=0.99817530875969
kQ(59672)=0.99635394701749
r1= : 5.9872107773659E-13
rpunto1 : = -18102207.013403
rduepunti0 : = -7.8830611893068E+25
fil : = 502.61859146885
fipunto1 : = 3.2572662333514E+19
fi_gradi : = 28797.923995975
t1 : = 1.081244616719E-14
tpunto1 : = 1.0084170235871
tduepunti0 : = 2.8699676959337E+17
v=v_elettrone : = 26527218.68297
x0= : 6.0036175200692E-13
y0= : -2.404315630921E-14
```



```
*****
i=59673
k(59673)=0.99817348009313
kQ(59673)=0.99635029636123
r1= : 5.9659807455164E-13
rpunto1 : = -18111267.276908
rduepunti0 : = -7.7254130717955E+25
fil : = 502.62241154813
fipunto1 : = 3.2803660935193E+19
fi_gradi : = 28798.142870395
t1 : = 1.0812446285456E-14
tpunto1 : = 1.0084509407219
tduepunti0 : = 2.8920116521476E+17
v=v_elettrone : = 26583199.328353
x0= : 5.9832810885974E-13
y0= : -2.1688777614081E-14
*****
i=59674
k(59674)=0.99817168879905
kQ(59674)=0.99634672031995
r1= : 5.9447400879083E-13
rpunto1 : = -18120137.967362
rduepunti0 : = -7.5637698564765E+25
fil : = 502.62625871862
fipunto1 : = 3.303724242328E+19
fi_gradi : = 28798.363297028
t1 : = 1.0812446403725E-14
tpunto1 : = 1.0084851190148
tduepunti0 : = 2.9142798179426E+17
v=v_elettrone : = 26639488.169318
x0= : 5.9628470774622E-13
y0= : -1.9334163202397E-14
*****
i=59675
k(59675)=0.99816993590239
kQ(59675)=0.99634322093938
r1= : 5.9234890268702E-13
rpunto1 : = -18128814.292047
rduepunti0 : = -7.3980400343627E+25
fil : = 502.63013328324
fipunto1 : = 3.3273443315122E+19
fi_gradi : = 28798.585293228
t1 : = 1.0812446521999E-14
tpunto1 : = 1.0085195611223
tduepunti0 : = 2.9367744922359E+17
v=v_elettrone : = 26696087.560584
x0= : 5.9423147747628E-13
y0= : -1.6979349345288E-14
*****
i=59676
k(59676)=0.99816822245094
kQ(59676)=0.99633980031087
r1= : 5.902227790352E-13
rpunto1 : = -18137291.348373
rduepunti0 : = -7.2281299232158E+25
fil : = 502.6340355492
fipunto1 : = 3.3512300699643E+19
fi_gradi : = 28798.808876598
t1 : = 1.0812446640277E-14
tpunto1 : = 1.0085542697279
tduepunti0 : = 2.9594979802254E+17
v=v_elettrone : = 26752999.870946
x0= : 5.9216834618673E-13
y0= : -1.4624373114686E-14
```

```
*****
i=59677
k(59677)=0.99816654951577
kQ(59677)=0.99633646057222
r1= : 5.8809566120528E-13
rpunto1: = -18145564.121273
rduerpunti0 : = -7.0539436150651E+25
fil : = 502.63796582804
fipunto1 : = 3.3753852245506E+19
fi_gradi : = 28799.034064987
t1 : = 1.0812446758559E-14
tpunto1 : = 1.0085892475422
tduerpunti0 : = 2.982452592298E+17
v=v_elettrone : = 26810227.481775
x0= : 5.9009524133549E-13
y0= : -1.2269272400703E-14
*****
i=59678
k(59678)=0.99816491819175
kQ(59678)=0.99633320390874
r1= : 5.8596757315538E-13
rpunto1: = -18153627.480526
rduerpunti0 : = -6.8753829225493E+25
fil : = 502.64192443572
fipunto1 : = 3.3998136209291E+19
fi_gradi : = 28799.260876501
t1 : = 1.0812446876845E-14
tpunto1 : = 1.0086244973029
tduerpunti0 : = 3.0056406428667E+17
v=v_elettrone : = 26867772.787824
x0= : 5.88012089696E-13
y0= : -9.9140859296075E-15
*****
i=59679
k(59679)=0.998163329598
kQ(59679)=0.99633003255417
r1= : 5.8383853944523E-13
rpunto1: = -18161476.178021
rduerpunti0 : = -6.6923473240659E+25
fil : = 502.64591169271
fipunto1 : = 3.4245191443702E+19
fi_gradi : = 28799.489329498
t1 : = 1.0812446995135E-14
tpunto1 : = 1.008660021775
tduerpunti0 : = 3.0290644491356E+17
v=v_elettrone : = 26925638.196303
x0= : 5.8591881735157E-13
y0= : -7.5588532820306E-15
*****
i=59680
k(59680)=0.99816178487843
kQ(59680)=0.9963269487917
r1= : 5.817085852501E-13
rpunto1: = -18169104.844953
rduerpunti0 : = -6.5047339077099E+25
fil : = 502.64992792402
fipunto1 : = 3.4495057405781E+19
fi_gradi : = 28799.719442601
t1 : = 1.0812447113429E-14
tpunto1 : = 1.0086958237505
tduerpunti0 : = 3.0527263297872E+17
v=v_elettrone : = 26983826.126979
x0= : 5.8381534968977E-13
y0= : -5.2036149116962E-15
```

```
*****
i=59681
k(59681)=0.99816028520221
kQ(59681)=0.99632395495496
r1= : 5.7957773637487E-13
rpunto1: = -18176507.988952
rduepunti0 : = -6.3124373139883E+25
fil : = 502.65397345928
fipunto1 : = 3.4747774165127E+19
fi_gradi : = 28799.951234697
t1 : = 1.0812447231728E-14
tpunto1 : = 1.0087319060488
tduepunti0 : = 3.0766286035898E+17
v=v_elettrone : = 27042339.011616
x0= : 5.8170161139695E-13
y0= : -2.848412164505E-15
*****
i=59682
k(59682)=0.99815883176428
kQ(59682)=0.99632105342904
r1= : 5.774460192686E-13
rpunto1: = -18183679.991146
rduepunti0 : = -6.1153496772942E+25
fil : = 502.65804863283
fipunto1 : = 3.5003382412111E+19
fi_gradi : = 28800.184724943
t1 : = 1.0812447350031E-14
tpunto1 : = 1.0087682715162
tduepunti0 : = 3.1007735879201E+17
v=v_elettrone : = 27101179.293184
x0= : 5.7957752645273E-13
y0= : -4.9328729809129E-16
*****
i=59683
k(59683)=0.9981574257859
kQ(59683)=0.99631824665154
r1= : 5.7531346103927E-13
rpunto1: = -18190615.10315
rduepunti0 : = -5.9133605661264E+25
fil : = 502.66215378378
fipunto1 : = 3.5261923466084E+19
fi_gradi : = 28800.419932766
t1 : = 1.0812447468338E-14
tpunto1 : = 1.0088049230265
tduepunti0 : = 3.1251635971968E+17
v=v_elettrone : = 27160349.426082
x0= : 5.7744301812458E-13
y0= : 1.861716498106E-15
*****
i=59684
k(59684)=0.99815606851515
kQ(59684)=0.99631553711362
r1= : 5.7318008946907E-13
rpunto1: = -18197307.443985
rduepunti0 : = -5.706356922043E+25
fil : = 502.66628925609
fipunto1 : = 3.5523439283555E+19
fi_gradi : = 28800.656877876
t1 : = 1.0812447586649E-14
tpunto1 : = 1.0088418634804
tduepunti0 : = 3.1498009412227E+17
v=v_elettrone : = 27219851.875521
x0= : 5.7529800896251E-13
y0= : 4.216555082415E-15
```

```
*****
i=59685
k(59685)=0.99815476122746
kQ(59685)=0.99631292736105
r1= : 5.7104593302989E-13
rpunto1: = -18203750.996925
rduepunti0 : = -5.4942229973341E+25
fil : = 502.67045539863
fipunto1 : = 3.5787972466343E+19
fi_gradi : = 28800.895580261
t1 : = 1.0812447704965E-14
tpunto1 : = 1.0088790958056
tduepunti0 : = 3.174687923428E+17
v=v_elettrone : = 27279689.116862
x0= : 5.7314242079372E-13
y0= : 6.5711833400012E-15
*****
i=59686
k(59686)=0.99815350522618
kQ(59686)=0.99631041999531
r1= : 5.6891102089923E-13
rpunto1: = -18209939.606268
rduepunti0 : = -5.2768402914056E+25
fil : = 502.67465256528
fipunto1 : = 3.6055566269681E+19
fi_gradi : = 28801.136060195
t1 : = 1.0812447823285E-14
tpunto1 : = 1.0089166229566
tduepunti0 : = 3.1998268390127E+17
v=v_elettrone : = 27339863.635386
x0= : 5.7097617471751E-13
y0= : 8.9255551614283E-15
*****
i=59687
k(59687)=0.99815230184309
kQ(59687)=0.99630801767467
r1= : 5.6677538297656E-13
rpunto1: = -18215866.974032
rduepunti0 : = -5.0540874858628E+25
fil : = 502.67888111498
fipunto1 : = 3.6326264610266E+19
fi_gradi : = 28801.378338247
t1 : = 1.0812447941609E-14
tpunto1 : = 1.008954447915
tduepunti0 : = 3.2252199729821E+17
v=v_elettrone : = 27400377.925615
x0= : 5.6879919110007E-13
y0= : 1.1279623420768E-14
*****
i=59688
k(59688)=0.998151152439
kQ(59688)=0.99630572311531
r1= : 5.6463904989994E-13
rpunto1: = -18221526.656569
rduepunti0 : = -4.8258403782855E+25
fil : = 502.68314141182
fipunto1 : = 3.6600112074245E+19
fi_gradi : = 28801.622435275
t1 : = 1.0812448059938E-14
tpunto1 : = 1.0089925736889
tduepunti0 : = 3.2508695980701E+17
v=v_elettrone : = 27461234.490434
x0= : 5.6661138956956E-13
y0= : 1.363333995318E-14
```

```
*****
i=59689
k(59689)=0.99815005840426
kQ(59689)=0.99630353909243
r1= : 5.6250205306315E-13
rpunto1: = -18226912.061112
rduepunti0 : = -4.5919718146892E+25
fil : = 502.68743382514
fipunto1 : = 3.6877153925115E+19
fi_gradi : = 28801.868372443
t1 : = 1.0812448178271E-14
tpunto1 : = 1.0090310033128
tduepunti0 : = 3.2767779725465E+17
v=v_elettrone : = 27522435.841431
x0= : 5.6441268901116E-13
y0= : 1.5986655531932E-14
*****
i=59690
k(59690)=0.99814902115936
kQ(59690)=0.99630146844139
r1= : 5.6036442463315E-13
rpunto1: = -18232016.442222
rduepunti0 : = -4.3523516206661E+25
fil : = 502.69175872957
fipunto1 : = 3.715743611153E+19
fi_gradi : = 28802.116171213
t1 : = 1.0812448296609E-14
tpunto1 : = 1.0090697398476
tduepunti0 : = 3.3029473379004E+17
v=v_elettrone : = 27583984.497201
x0= : 5.6220300756232E-13
y0= : 1.8339519845036E-14
*****
i=59691
k(59691)=0.9981480421555
kQ(59691)=0.99629951405885
r1= : 5.5822619756801E-13
rpunto1: = -18236832.898171
rduepunti0 : = -4.1068465312039E+25
fil : = 502.69611650512
fipunto1 : = 3.7441005274997E+19
fi_gradi : = 28802.36585336
t1 : = 1.0812448414952E-14
tpunto1 : = 1.0091087863802
tduepunti0 : = 3.3293799163963E+17
v=v_elettrone : = 27645882.98348
x0= : 5.5998226260805E-13
y0= : 2.0691881471178E-14
*****
i=59692
k(59692)=0.99814712287514
kQ(59692)=0.99629767890393
r1= : 5.560874056352E-13
rpunto1: = -18241354.36723
rduepunti0 : = -3.8553201191806E+25
fil : = 502.7005075373
fipunto1 : = 3.7727908757447E+19
fi_gradi : = 28802.617440972
t1 : = 1.0812448533299E-14
tpunto1 : = 1.0091481460234
tduepunti0 : = 3.356077908496E+17
v=v_elettrone : = 27708133.832483
x0= : 5.5775037077645E-13
y0= : 2.3043687855227E-14
```

```
*****
i=59693
k(59693)=0.99814626483265
kQ(59693)=0.99629596599937
r1= : 5.5394808343041E-13
rpunto1: = -18245573.623878
rduepunti0 : = -3.597632722538E+25
fil : = 502.70493221714
fipunto1 : = 3.8018194608653E+19
fi_gradi : = 28802.870956452
t1 : = 1.081244865165E-14
tpunto1 : = 1.0091878219154
tduepunti0 : = 3.3830434901397E+17
v=v_elettrone : = 27770739.581029
x0= : 5.555072479343E-13
y0= : 2.539488528318E-14
*****
i=59694
k(59694)=0.99814546957482
kQ(59694)=0.99629437843274
r1= : 5.5180826639672E-13
rpunto1: = -18249483.274917
rduepunti0 : = -3.3336413701358E+25
fil : = 502.70939094133
fipunto1 : = 3.8311911593502E+19
fi_gradi : = 28803.12642253
t1 : = 1.0812448770006E-14
tpunto1 : = 1.0092278172197
tduepunti0 : = 3.4102788098803E+17
v=v_elettrone : = 27833702.771137
x0= : 5.5325280918285E-13
y0= : 2.7745418856363E-14
*****
i=59695
k(59695)=0.99814473868151
kQ(59695)=0.99629291935759
r1= : 5.4966799084425E-13
rpunto1: = -18253075.755507
rduepunti0 : = -3.0631997062947E+25
fil : = 502.71388411226
fipunto1 : = 3.8609109199065E+19
fi_gradi : = 28803.383862261
t1 : = 1.0812448888367E-14
tpunto1 : = 1.0092681351245
tduepunti0 : = 3.437785985864E+17
v=v_elettrone : = 27897025.94901
x0= : 5.5098696885372E-13
y0= : 3.0095232465254E-14
*****
i=59696
k(59696)=0.99814407376623
kQ(59696)=0.99629159199464
r1= : 5.4752729397036E-13
rpunto1: = -18256343.325103
rduepunti0 : = -2.7861579140364E+25
fil : = 502.71841213814
fipunto1 : = 3.8909837641481E+19
fi_gradi : = 28803.643299033
t1 : = 1.0812449006733E-14
tpunto1 : = 1.0093087788426
tduepunti0 : = 3.4655671026508E+17
v=v_elettrone : = 27960711.663043
x0= : 5.4870964050508E-13
y0= : 3.2444268762676E-14
```

```
*****
i=59697
k(59697)=0.99814347647672
kQ(59697)=0.99629039963304
r1= : 5.4538621388018E-13
rpunto1: = -18259278.063306
rduepunti0 : = -2.502362637035E+25
fil : = 502.72297543305
fipunto1 : = 3.9214147872601E+19
fi_gradi : = 28803.904756573
t1 : = 1.0812449125103E-14
tpunto1 : = 1.0093497516108
tduepunti0 : = 3.4936242078659E+17
v=v_elettrone : = 28024762.464513
x0= : 5.4642073691791E-13
y0= : 3.4792469136206E-14
*****
i=59698
k(59698)=0.99814294849561
kQ(59698)=0.99628934563151
r1= : 5.4324478960774E-13
rpunto1: = -18261871.86562
rduepunti0 : = -2.2116569002931E+25
fil : = 502.72757441707
fipunto1 : = 3.9522091586397E+19
fi_gradi : = 28804.168258947
t1 : = 1.0812449243479E-14
tpunto1 : = 1.0093910566894
tduepunti0 : = 3.5219593086767E+17
v=v_elettrone : = 28089180.905264
x0= : 5.4412017009255E-13
y0= : 3.71397736802E-14
*****
i=59699
k(59699)=0.99814249154098
kQ(59699)=0.99628843341963
r1= : 5.4110306113755E-13
rpunto1: = -18264116.43911
rduepunti0 : = -1.9138800295656E+25
fil : = 502.73220951633
fipunto1 : = 3.9833721225084E+19
fi_gradi : = 28804.433830573
t1 : = 1.0812449361859E-14
tpunto1 : = 1.0094326973617
tduepunti0 : = 3.5505743680856E+17
v=v_elettrone : = 28153969.537683
x0= : 5.4180785124538E-13
y0= : 3.9486121166973E-14
*****
i=59700
k(59700)=0.99814210736697
kQ(59700)=0.99628766649898
r1= : 5.3896106942671E-13
rpunto1: = -18266003.297973
rduepunti0 : = -1.6088675695534E+25
fil : = 502.73688116311
fipunto1 : = 4.0149089984953E+19
fi_gradi : = 28804.701496216
t1 : = 1.0812449480244E-14
tpunto1 : = 1.0094746769334
tduepunti0 : = 3.579471301031E+17
v=v_elettrone : = 28219130.91332
x0= : 5.3948369080587E-13
y0= : 4.1831449017482E-14
```

```
*****
i=59701
k(59701)=0.99814179776443
kQ(59701)=0.99628704844441
r1= : 5.3681885642753E-13
rpunto1: = -18267523.759001
rduepunti0 : = -1.2964512008944E+25
fil : = 502.74158979592
fipunto1 : = 4.0468251821864E+19
fi_gradi : = 28804.971281004
t1 : = 1.0812449598633E-14
tpunto1 : = 1.0095169987321
tduepunti0 : = 3.6086519702881E+17
v=v_elettrone : = 28284667.581381
x0= : 5.3714759841368E-13
y0= : 4.4175693271284E-14
*****
i=59702
k(59702)=0.9981415645615
kQ(59702)=0.99628658290529
r1= : 5.3467646511067E-13
rpunto1: = -18268668.936954
rduepunti0 : = -9.7645865598719E+24
fil : = 502.74633585962
fipunto1 : = 4.0791261456394E+19
fi_gradi : = 28805.243210423
t1 : = 1.0812449717028E-14
tpunto1 : = 1.0095596661068
tduepunti0 : = 3.6381181821607E+17
v=v_elettrone : = 28350582.088103
x0= : 5.3479948291623E-13
y0= : 4.651878855576E-14
*****
i=59703
k(59703)=0.99814140962423
kQ(59703)=0.99628627360665
r1= : 5.3253393948883E-13
rpunto1: = -18269429.739827
rduepunti0 : = -6.4871363368371E+24
fil : = 502.75111980546
fipunto1 : = 4.1118174378582E+19
fi_gradi : = 28805.517310329
t1 : = 1.0812449835428E-14
tpunto1 : = 1.0096026824266
tduepunti0 : = 3.6678716819543E+17
v=v_elettrone : = 28416876.975418
x0= : 5.3243925236639E-13
y0= : 4.8860668054728E-14
*****
i=59704
k(59704)=0.99814133485718
kQ(59704)=0.99628612435048
r1= : 5.3039132464103E-13
rpunto1: = -18269796.864021
rduepunti0 : = -3.1303571289486E+24
fil : = 502.75594209122
fipunto1 : = 4.144904685226E+19
fi_gradi : = 28805.793606951
t1 : = 1.0812449953833E-14
tpunto1 : = 1.0096460510806
tduepunti0 : = 3.6979141492206E+17
v=v_elettrone : = 28483554.779523
x0= : 5.3006681402057E-13
y0= : 5.1201263476332E-14
```



```
*****
i=59705
k(59705)=0.99814134220406
kQ(59705)=0.99628613901693
r1= : 5.2824866673738E-13
rpunto1: = -18269760.789406
rduepunti0 : = 3.0759734841009E+23
fil : = 502.76080318128
fipunto1 : = 4.178393591892E+19
fi_gradi : = 28806.072126895
t1 : = 1.0812450072243E-14
tpunto1 : = 1.0096897754765
tduepunti0 : = 3.7282471927649E+17
v=v_elettrone : = 28550618.030139
x0= : 5.2768207433705E-13
y0= : 5.3540505020182E-14
*****
i=59706
k(59706)=0.9981414336483
kQ(59706)=0.99628632156549
r1= : 5.2610601306452E-13
rpunto1: = -18269311.774284
rduepunti0 : = 3.8286163377137E+24
fil : = 502.76570354668
fipunto1 : = 4.2122899401086E+19
fi_gradi : = 28806.352897151
t1 : = 1.0812450190658E-14
tpunto1 : = 1.0097338590402
tduepunti0 : = 3.7588723454038E+17
v=v_elettrone : = 28618069.247738
x0= : 5.2528493897466E-13
y0= : 5.5878321343861E-14
*****
i=59707
k(59707)=0.99814161121367
kQ(59707)=0.99628667603623
r1= : 5.2396341205156E-13
rpunto1: = -18268439.850249
rduepunti0 : = 7.4346329326154E+24
fil : = 502.77064366528
fipunto1 : = 4.2465995905152E+19
fi_gradi : = 28806.635945097
t1 : = 1.0812450309078E-14
tpunto1 : = 1.0097783052145
tduepunti0 : = 3.7897910584651E+17
v=v_elettrone : = 28685910.943459
x0= : 5.2287531279189E-13
y0= : 5.8214639528462E-14
*****
i=59708
k(59708)=0.99814187696488
kQ(59708)=0.99628720655098
r1= : 5.2182091329671E-13
rpunto1: = -18267134.816931
rduepunti0 : = 1.112762497976E+25
fil : = 502.7756240218
fipunto1 : = 4.2813284823643E+19
fi_gradi : = 28806.921298505
t1 : = 1.0812450427504E-14
tpunto1 : = 1.0098231174583
tduepunti0 : = 3.8210046960156E+17
v=v_elettrone : = 28754145.617199
x0= : 5.2045309984624E-13
y0= : 6.0549385043585E-14
```

```
*****
i=59709
k(59709)=0.99814223300816
kQ(59709)=0.99628791731452
r1= : 5.1967856759447E-13
rpunto1: = -18265386.23665
rduerpunti0 : = 1.4909615988303E+25
fil : = 502.7806451079
fipunto1 : = 4.3164826336847E+19
fi_gradi : = 28807.208985547
t1 : = 1.0812450545935E-14
tpunto1 : = 1.0098682992453
tduerpunti0 : = 3.8525145288084E+17
v=v_elettrone : = 28822775.75567
x0= : 5.1801820339407E-13
y0= : 6.2882481711494E-14
*****
i=59710
k(59710)=0.99814268149185
kQ(59710)=0.99628881261573
r1= : 5.1753642696344E-13
rpunto1: = -18263183.428946
rduerpunti0 : = 1.878267604628E+25
fil : = 502.78570742233
fipunto1 : = 4.3520681413787E+19
fi_gradi : = 28807.499034799
t1 : = 1.0812450664371E-14
tpunto1 : = 1.009913854063
tduerpunti0 : = 3.8843217279355E+17
v=v_elettrone : = 28891803.830828
x0= : 5.1557052589083E-13
y0= : 6.5213851670431E-14
*****
i=59711
k(59711)=0.99814322460696
kQ(59711)=0.99628989682878
r1= : 5.1539454467481E-13
rpunto1: = -18260515.465012
rduerpunti0 : = 2.2748922742872E+25
fil : = 502.79081147098
fipunto1 : = 4.388091181247E+19
fi_gradi : = 28807.791475245
t1 : = 1.0812450782812E-14
tpunto1 : = 1.0099597854113
tduerpunti0 : = 3.916427358174E+17
v=v_elettrone : = 28961232.29811
x0= : 5.1310996899171E-13
y0= : 6.7543415337148E-14
*****
i=59712
k(59712)=0.99814386458777
kQ(59712)=0.9962911744142
r1= : 5.1325297528151E-13
rpunto1: = -18257371.162013
rduerpunti0 : = 2.6810522095521E+25
fil : = 502.79595776698
fipunto1 : = 4.4245580079368E+19
fi_gradi : = 28808.086336286
t1 : = 1.0812450901259E-14
tpunto1 : = 1.0100060968014
tduerpunti0 : = 3.9488323710136E+17
v=v_elettrone : = 29031063.594851
x0= : 5.1063643355279E-13
y0= : 6.9871091368614E-14
```

```
*****
i=59713
k(59713)=0.99814460371232
kQ(59713)=0.99629264992003
r1= : 5.1111177464796E-13
rpunto1:= -18253739.077298
rduepunti0 := 3.0969689480728E+25
fil := 502.80114683079
fipunto1 := 4.4614749548073E+19
fi_gradi := 28808.383647742
t1 := 1.0812451019711E-14
tpunto1 := 1.010052791754
tduepunti0 := 3.9815375973508E+17
v=v_elettrone := 29101300.137988
x0= : 5.0814981963267E-13
y0= : 7.2196796622928E-14
*****
i=59714
k(59714)=0.99814544430302
kQ(59714)=0.99629432798288
r1= : 5.0897099998056E-13
rpunto1:= -18249607.5025
rduepunti0 := 3.5228690567294E+25
fil := 502.80637919032
fipunto1 := 4.4988484337066E+19
fi_gradi := 28808.68343986
t1 := 1.0812451138169E-14
tpunto1 := 1.0100998737985
tduepunti0 := 4.0145437398377E+17
v=v_elettrone := 29171944.322353
x0= : 5.0565002649457E-13
y0= : 7.4520446119331E-14
*****
i=59715
k(59715)=0.99814638872711
kQ(59715)=0.99629621332897
r1= : 5.0683070985885E-13
rpunto1:= -18244964.457532
rduepunti0 := 3.9589842250605E+25
fil := 502.81165538098
fipunto1 := 4.536684934655E+19
fi_gradi := 28808.985743317
t1 := 1.0812451256632E-14
tpunto1 := 1.0101473464703
tduepunti0 := 4.0478513648693E+17
v=v_elettrone := 29242998.517908
x0= : 5.0313695260908E-13
y0= : 7.6841952997397E-14
*****
i=59716
k(59716)=0.99814743939719
kQ(59716)=0.99629831077516
r1= : 5.0469096426739E-13
rpunto1:= -18239797.684464
rduepunti0 := 4.4055513586465E+25
fil := 502.81697594579
fipunto1 := 4.5749910254264E+19
fi_gradi := 28809.290589225
t1 := 1.0812451375101E-14
tpunto1 := 1.0101952133104
tduepunti0 := 4.0814608941972E+17
v=v_elettrone := 29314465.068386
x0= : 5.0061049565736E-13
y0= : 7.9161228475255E-14
```

```
*****
i=59717
k(59717)=0.99814859877169
kQ(59717)=0.99630062522989
r1= : 5.0255182462832E-13
rpunto1: = -18234094.641303
rduepunti0 : = 4.8628126722828E+25
fil : = 502.82234143549
fipunto1 : = 4.6137733510227E+19
fi_gradi : = 28809.59800914
t1 : = 1.0812451493575E-14
tpunto1 : = 1.0102434778625
tduepunti0 : = 4.1153725961512E+17
v=v_elettrone : = 29386346.288527
x0= : 4.9807055253504E-13
y0= : 8.1478181807038E-14
*****
i=59718
k(59718)=0.99814986935537
kQ(59718)=0.99630316169415
r1= : 5.004133538347E-13
rpunto1: = -18227842.495652
rduepunti0 : = 5.3310157827663E+25
fil : = 502.82775240859
fipunto1 : = 4.6530386330335E+19
fi_gradi : = 28809.908035061
t1 : = 1.0812451612055E-14
tpunto1 : = 1.0102921436716
tduepunti0 : = 4.1495865764564E+17
v=v_elettrone : = 29458644.461417
x0= : 4.9551701935669E-13
y0= : 8.3792720239365E-14
*****
i=59719
k(59719)=0.99815125369971
kQ(59719)=0.99630592526229
r1= : 4.9827561628455E-13
rpunto1: = -18221028.118269
rduepunti0 : = 5.8104138010991E+25
fil : = 502.8332094315
fipunto1 : = 4.6927936688729E+19
fi_gradi : = 28810.220699443
t1 : = 1.0812451730541E-14
tpunto1 : = 1.0103412142822
tduepunti0 : = 4.1841027686279E+17
v=v_elettrone : = 29531361.836579
x0= : 4.92949791461E-13
y0= : 8.6104748966864E-14
*****
i=59720
k(59720)=0.99815275440332
kQ(59720)=0.99630892112294
r1= : 4.9613867791568E-13
rpunto1: = -18213638.076516
rduepunti0 : = 6.3012654239027E+25
fil : = 502.83871307859
fipunto1 : = 4.7330453308868E+19
fi_gradi : = 28810.536035193
t1 : = 1.0812451849032E-14
tpunto1 : = 1.0103906932355
tduepunti0 : = 4.218920923927E+17
v=v_elettrone : = 29604500.626886
x0= : 4.9036876341665E-13
y0= : 8.8414171086852E-14
```

```
*****
i=59721
k(59721)=0.99815437411238
kQ(59721)=0.99631215455968
r1= : 4.9400260624125E-13
rpunto1 : = -18205658.627704
rduepunti0 : = 6.8038350238131E+25
fil : = 502.84426393231
fipunto1 : = 4.7738005653207E+19
fi_gradi : = 28810.854075684
t1 : = 1.081245196753E-14
tpunto1 : = 1.0104405840678
tduepunti0 : = 4.254040600862E+17
v=v_elettrone : = 29678063.005502
x0= : 4.877738290289E-13
y0= : 9.0720887553E-14
*****
i=59722
k(59722)=0.99815611552092
kQ(59722)=0.99631563095181
r1= : 4.9186747038615E-13
rpunto1 : = -18197075.712327
rduepunti0 : = 7.3183927386138E+25
fil : = 502.84986258324
fipunto1 : = 4.8150663911416E+19
fi_gradi : = 28811.174854753
t1 : = 1.0812452086033E-14
tpunto1 : = 1.0104908903077
tduepunti0 : = 4.2894611542159E+17
v=v_elettrone : = 29752051.103622
x0= : 4.8516488134699E-13
y0= : 9.3024797127993E-14
*****
i=59723
k(59723)=0.99815798137116
kQ(59723)=0.99631935577494
r1= : 4.8973334112415E-13
rpunto1 : = -18187874.947204
rduepunti0 : = 7.8452145588407E+25
fil : = 502.85550963018
fipunto1 : = 4.8568498987021E+19
fi_gradi : = 28811.49840671
t1 : = 1.0812452204542E-14
tpunto1 : = 1.0105416154738
tduepunti0 : = 4.3251817235833E+17
v=v_elettrone : = 29826467.007517
x0= : 4.8254181267234E-13
y0= : 9.5325796335313E-14
*****
i=59724
k(59724)=0.99815997445378
kQ(59724)=0.99632333460157
r1= : 4.8760029091586E-13
rpunto1 : = -18178041.618508
rduepunti0 : = 8.3845824135735E+25
fil : = 502.86120568028
fipunto1 : = 4.8991582482389E+19
fi_gradi : = 28811.82476634
t1 : = 1.0812452323057E-14
tpunto1 : = 1.0105927630719
tduepunti0 : = 4.361201221398E+17
v=v_elettrone : = 29901312.754549
x0= : 4.7990451456756E-13
y0= : 9.7623779410031E-14
```

```
*****
i=59725
k(59725)=0.99816209760816
kQ(59725)=0.99632757310153
r1= : 4.8546839394751E-13
rpunto1: = -18167560.674708
rduepunti0 : = 8.9367842541091E+25
fil : = 502.86695134906
fipunto1 : = 4.9419986681954E+19
fi_gradi : = 28812.153968912
t1 : = 1.0812452441578E-14
tpunto1 : = 1.0106443365921
tduepunti0 : = 4.3975183204325E+17
v=v_elettrone : = 29976590.330841
x0= : 4.7725287786644E-13
y0= : 9.9918638248487E-14
*****
i=59726
k(59726)=0.99816435372257
kQ(59726)=0.99633207704239
r1= : 4.8333772617056E-13
rpunto1: = -18156416.719412
rduepunti0 : = 9.5021141351819E+25
fil : = 502.87274726052
fipunto1 : = 4.9853784533569E+19
fi_gradi : = 28812.486050177
t1 : = 1.0812452560105E-14
tpunto1 : = 1.0106963395063
tduepunti0 : = 4.4341314407494E+17
v=v_elettrone : = 30052301.667393
x0= : 4.7458679268483E-13
y0= : 1.0221026235709E-13
*****
i=59727
k(59727)=0.99816674573426
kQ(59727)=0.99633685228971
r1= : 4.8120836534212E-13
rpunto1: = -18144594.00411
rduepunti0 : = 1.0080872293382E+26
fil : = 502.87859404723
fipunto1 : = 5.029304962788E+19
fi_gradi : = 28812.821046379
t1 : = 1.0812452678638E-14
tpunto1 : = 1.0107487752644
tduepunti0 : = 4.4710387360871E+17
v=v_elettrone : = 30128448.636249
x0= : 4.7190614843248E-13
y0= : 1.0449853880006E-13
*****
i=59728
k(59728)=0.9981692766296
kQ(59728)=0.99634190480725
r1= : 4.7908039106629E-13
rpunto1: = -18132076.420842
rduepunti0 : = 1.0673365222383E+26
fil : = 502.88449235037
fipunto1 : = 5.0737856175602E+19
fi_gradi : = 28813.158994255
t1 : = 1.0812452797177E-14
tpunto1 : = 1.0108016472915
tduepunti0 : = 4.5082380796566E+17
v=v_elettrone : = 30205033.04725
x0= : 4.6921083382601E-13
y0= : 1.0678335214601E-13
```

```
*****
i=59729
k(59729)=0.99817194944407
kQ(59729)=0.99634724065698
r1= : 4.7695388483626E-13
rpunto1: = -18118847.494776
rduepunti0 : = 1.1279905744584E+26
fil : = 502.89044281985
fipunto1 : = 5.1188278982578E+19
fi_gradi : = 28813.499931042
t1 : = 1.0812452915723E-14
tpunto1 : = 1.0108549589843
tduepunti0 : = 4.545727049332E+17
v=v_elettrone : = 30282056.644324
x0= : 4.6650073690284E-13
y0= : 1.090645844137E-13
*****
i=59730
k(59730)=0.99817476726225
kQ(59730)=0.99635286599904
r1= : 4.7482893007739E-13
rpunto1: = -18104890.376702
rduepunti0 : = 1.1900813078708E+26
fil : = 502.89644611432
fipunto1 : = 5.1644393422487E+19
fi_gradi : = 28813.843894479
t1 : = 1.0812453034274E-14
tpunto1 : = 1.0109087137076
tduepunti0 : = 4.5835029122119E+17
v=v_elettrone : = 30359521.100802
x0= : 4.6377574503635E-13
y0= : 1.1134211501662E-13
*****
i=59731
k(59731)=0.99817773321767
kQ(59731)=0.99635878709156
r1= : 4.727056121911E-13
rpunto1: = -18090187.835458
rduepunti0 : = 1.2536412902909E+26
fil : = 502.9025029013
fipunto1 : = 5.2106275407069E+19
fi_gradi : = 28814.19092281
t1 : = 1.0812453152833E-14
tpunto1 : = 1.01096291479
tduepunti0 : = 4.6215626085315E+17
v=v_elettrone : = 30437428.015631
x0= : 4.6103574495219E-13
y0= : 1.1361582070653E-13
*****
i=59732
k(59732)=0.99818085049266
kQ(59732)=0.99636501029026
r1= : 4.7058401859963E-13
rpunto1: = -18074722.250291
rduepunti0 : = 1.318703741288E+26
fil : = 502.90861385719
fipunto1 : = 5.2574001353738E+19
fi_gradi : = 28814.541054792
t1 : = 1.0812453271397E-14
tpunto1 : = 1.0110175655203
tduepunti0 : = 4.6599027349035E+17
v=v_elettrone : = 30515778.90909
x0= : 4.5828062274583E-13
y0= : 1.1588557551593E-13
```

```
*****
i=59733
k(59733)=0.99818412231812
kQ(59733)=0.996371542048
r1= : 4.6846423879179E-13
rpunto1: = -18058475.603145
rduepunti0 : = 1.3853025374419E+26
fil : = 502.91477966738
fipunto1 : = 5.304764815041E+19
fi_gradi : = 28814.894329692
t1 : = 1.0812453389968E-14
tpunto1 : = 1.0110726691434
tduepunti0 : = 4.6985195268671E+17
v=v_elettrone : = 30594575.217638
x0= : 4.555102639014E-13
y0= : 1.181512506995E-13
*****
i=59734
k(59734)=0.99818755197312
kQ(59734)=0.99637838891409
r1= : 4.6634636436949E-13
rpunto1: = -18041429.470905
rduepunti0 : = 1.4534722169895E+26
fil : = 502.92100102624
fipunto1 : = 5.3527293117423E+19
fi_gradi : = 28815.250787298
t1 : = 1.0812453508545E-14
tpunto1 : = 1.0111282288553
tduepunti0 : = 4.7374088407224E+17
v=v_elettrone : = 30673818.290201
x0= : 4.5272455331195E-13
y0= : 1.2041271467441E-13
*****
i=59735
k(59735)=0.99819114278452
kQ(59735)=0.99638555753347
r1= : 4.642304890953E-13
rpunto1: = -18023565.017589
rduepunti0 : = 1.5232479838E+26
fil : = 502.92727863723
fipunto1 : = 5.4013013966364E+19
fi_gradi : = 28815.610467913
t1 : = 1.0812453627129E-14
tpunto1 : = 1.0111842477988
tduepunti0 : = 4.7765661346287E+17
v=v_elettrone : = 30753509.38205
x0= : 4.4992337530106E-13
y0= : 1.2266983295963E-13
*****
i=59736
k(59736)=0.99819489812643
kQ(59736)=0.99639305464564
r1= : 4.6211670894086E-13
rpunto1: = -18004862.986505
rduepunti0 : = 1.5946657106141E+26
fil : = 502.93361321293
fipunto1 : = 5.4504888755658E+19
fi_gradi : = 28815.973412366
t1 : = 1.0812453745719E-14
tpunto1 : = 1.0112407290586
tduepunti0 : = 4.8159864489449E+17
v=v_elettrone : = 30833649.650577
x0= : 4.4710661364596E-13
y0= : 1.2492246811407E-13
```



```
*****
i=59737
k(59737)=0.9981988214196
kQ(59737)=0.99640088708348
r1= : 4.6000512213619E-13
rpunto1: = -17985303.692376
rduerpunti0 : = 1.6677619414772E+26
fil : = 502.94000547506
fipunto1 : = 5.500299584272E+19
fi_gradi : = 28816.339662008
t1 : = 1.0812453864316E-14
tpunto1 : = 1.011297675656
tduerpunti0 : = 4.85566438579E+17
v=v_elettrone : = 30914240.149703
x0= : 4.4427415160224E-13
y0= : 1.2717047967373E-13
*****
i=59738
k(59738)=0.99820291613065
kQ(59738)=0.99640906177174
r1= : 4.5789582921997E-13
rpunto1: = -17964867.013452
rduerpunti0 : = 1.7425738932956E+26
fil : = 502.94645615455
fipunto1 : = 5.5507413832515E+19
fi_gradi : = 28816.709258717
t1 : = 1.081245398292E-14
tpunto1 : = 1.0113550905438
tduerpunti0 : = 4.8955940878023E+17
v=v_elettrone : = 30995281.824085
x0= : 4.4142587193012E-13
y0= : 1.2941372408775E-13
*****
i=59739
k(59739)=0.99820718577127
kQ(59739)=0.99641758572541
r1= : 4.5578893309076E-13
rpunto1: = -17943532.383609
rduerpunti0 : = 1.8191394564345E+26
fil : = 502.95296599151
fipunto1 : = 5.6018221522315E+19
fi_gradi : = 28817.0822449
t1 : = 1.081245410153E-14
tpunto1 : = 1.0114129766002
tduerpunti0 : = 4.9357692160745E+17
v=v_elettrone : = 31076775.503373
x0= : 4.3856165692249E-13
y0= : 1.3165205465334E-13
*****
i=59740
k(59740)=0.99821163389722
kQ(59740)=0.99642646604776
r1= : 4.5368453905905E-13
rpunto1: = -17921278.784454
rduerpunti0 : = 1.8974971942784E+26
fil : = 502.95953573533
fipunto1 : = 5.653549784247E+19
fi_gradi : = 28817.458663494
t1 : = 1.0812454220147E-14
tpunto1 : = 1.0114713366233
tduerpunti0 : = 4.9761829272451E+17
v=v_elettrone : = 31158721.896747
x0= : 4.3568138843462E-13
y0= : 1.3388532144971E-13
```

```
*****
i=59741
k(59741)=0.99821626410722
kQ(59741)=0.99643570992817
r1= : 4.5158275490038E-13
rpunto1: = -17898084.737457
rduepunti0 : = 1.9776863416628E+26
fil : = 502.96616614465
fipunto1 : = 5.7059321792982E+19
fi_gradi : = 28817.838557964
t1 : = 1.0812454338771E-14
tpunto1 : = 1.0115301733248
tduepunti0 : = 5.016827849724E+17
v=v_elettrone : = 31241121.585633
x0= : 4.3278494791582E-13
y0= : 1.3611337127089E-13
*****
i=59742
k(59742)=0.99822108004173
kQ(59742)=0.99644532463967
r1= : 4.4948369090923E-13
rpunto1: = -17873928.296103
rduepunti0 : = 2.0597468020874E+26
fil : = 502.97285798735
fipunto1 : = 5.7589772375673E+19
fi_gradi : = 28818.221972308
t1 : = 1.0812454457402E-14
tpunto1 : = 1.0115894893233
tduepunti0 : = 5.0576960590326E+17
v=v_elettrone : = 31323975.018645
x0= : 4.2987221644295E-13
y0= : 1.3833604755754E-13
*****
i=59743
k(59743)=0.99822608538154
kQ(59743)=0.99645531753616
r1= : 4.4738745995396E-13
rpunto1: = -17848787.038099
rduepunti0 : = 2.1437191436094E+26
fil : = 502.9796120406
fipunto1 : = 5.8126928521725E+19
fi_gradi : = 28818.608951054
t1 : = 1.081245457604E-14
tpunto1 : = 1.0116492871378
tduepunti0 : = 5.0987790522382E+17
v=v_elettrone : = 31407282.503591
x0= : 4.2694307475598E-13
y0= : 1.405531903277E-13
*****
i=59744
k(59744)=0.99823128384626
kQ(59744)=0.99646569604935
r1= : 4.4529417753257E-13
rpunto1: = -17822638.05765
rduepunti0 : = 2.229644593314E+26
fil : = 502.98642909083
fipunto1 : = 5.8670869014362E+19
fi_gradi : = 28818.999539261
t1 : = 1.0812454694685E-14
tpunto1 : = 1.0117095691804
tduepunti0 : = 5.1400677214645E+17
v=v_elettrone : = 31491044.201115
x0= : 4.239974032956E-13
y0= : 1.4276463610657E-13
```

```
*****
i=59745
k(59745)=0.99823667919254
kQ(59745)=0.99647646768535
r1= : 4.4320396182945E-13
rpunto1: = -17795457.957804
rduepunti0 : = 2.3175650302526E+26
fil : = 502.99330993368
fipunto1 : = 5.9221672406445E+19
fi_gradi : = 28819.393782516
t1 : = 1.0812454813337E-14
tpunto1 : = 1.011770337749
tduepunti0 : = 5.1815523264598E+17
v=v_elettrone : = 31575260.117194
x0= : 4.2103508224307E-13
y0= : 1.4497021785519E-13
*****
i=59746
k(59746)=0.99824227521225
kQ(59746)=0.99648764002093
r1= : 4.4111693377292E-13
rpunto1: = -17767222.842916
rduepunti0 : = 2.4075229767304E+26
fil : = 503.00025537404
fipunto1 : = 5.977941693272E+19
fi_gradi : = 28819.791726935
t1 : = 1.0812454931996E-14
tpunto1 : = 1.0118315950196
tduepunti0 : = 5.2232224662069E+17
v=v_elettrone : = 31659930.095973
x0= : 4.1805599156228E-13
y0= : 1.4716976489823E-13
*****
i=59747
k(59747)=0.99824807573036
kQ(59747)=0.99649922069937
r1= : 4.3903321709377E-13
rpunto1: = -17737908.311224
rduepunti0 : = 2.4995615878222E+26
fil : = 503.00726622594
fipunto1 : = 6.0344180416485E+19
fi_gradi : = 28820.19341916
t1 : = 1.0812455050663E-14
tpunto1 : = 1.011893343038
tduepunti0 : = 5.2650670495586E+17
v=v_elettrone : = 31745053.811621
x0= : 4.150600110442E-13
y0= : 1.4936310285076E-13
*****
i=59748
k(59748)=0.9982540846027
kQ(59748)=0.99651121742597
r1= : 4.3695293838459E-13
rpunto1: = -17707489.447572
rduepunti0 : = 2.5937246389861E+26
fil : = 503.01434331257
fipunto1 : = 6.0916040170396E+19
fi_gradi : = 28820.598906355
t1 : = 1.0812455169336E-14
tpunto1 : = 1.0119555837115
tduepunti0 : = 5.3070742648856E+17
v=v_elettrone : = 31830630.760345
x0= : 4.1204702035381E-13
y0= : 1.5155005354419E-13
```

```
*****
i=59749
k(59749)=0.99826030571344
kQ(59749)=0.99652363796308
r1= : 4.3487622715999E-13
rpunto1: = -17675940.816304
rduepunti0 : = 2.6900565116397E+26
fil : = 503.02148746617
fipunto1 : = 6.1495072891163E+19
fi_gradi : = 28821.008236204
t1 : = 1.0812455288017E-14
tpunto1 : = 1.0120183188002
tduepunti0 : = 5.349231548725E+17
v=v_elettrone : = 31916660.252119
x0= : 4.0901689907955E-13
y0= : 1.5373043495117E-13
*****
i=59750
k(59750)=0.99826674297242
kQ(59750)=0.99653649012476
r1= : 4.3280321591765E-13
rpunto1: = -17643236.454355
rduepunti0 : = 2.7886021765538E+26
fil : = 503.02869952796
fipunto1 : = 6.2081354547829E+19
fi_gradi : = 28821.421456907
t1 : = 1.0812455406705E-14
tpunto1 : = 1.0120815499074
tduepunti0 : = 5.3915255534191E+17
v=v_elettrone : = 32003141.401702
x0= : 4.0596952678546E-13
y0= : 1.5590406110972E-13
*****
i=59751
k(59751)=0.99827340031222
kQ(59751)=0.99654978177092
r1= : 4.3073404020014E-13
rpunto1: = -17609349.864558
rduepunti0 : = 2.8894071749156E+26
fil : = 503.0359803481
fipunto1 : = 6.2674960263388E+19
fi_gradi : = 28821.838617172
t1 : = 1.081245525401E-14
tpunto1 : = 1.0121452784704
tduepunti0 : = 5.4339421137382E+17
v=v_elettrone : = 32090073.120065
x0= : 4.0290478306607E-13
y0= : 1.5807074204654E-13
*****
i=59752
k(59752)=0.99828028168497
kQ(59752)=0.99656352080102
r1= : 4.286688386576E-13
rpunto1: = -17574254.009204
rduepunti0 : = 2.9925175968999E+26
fil : = 503.04333078555
fipunto1 : = 6.3275964189403E+19
fi_gradi : = 28822.259766215
t1 : = 1.0812455644104E-14
tpunto1 : = 1.0122095057506
tduepunti0 : = 5.4764662124806E+17
v=v_elettrone : = 32177454.104607
x0= : 3.9982254760419E-13
y0= : 1.6023028369953E-13
```

```
*****
i=59753
k(59753)=0.99828739105892
kQ(59753)=0.99657771514723
r1= : 4.2660775311112E-13
rpunto1: = -17537921.303892
rduepunti0 : = 3.0979800575861E+26
fil : = 503.05075170795
fipunto1 : = 6.3884439373364E+19
fi_gradi : = 28822.684953749
t1 : = 1.0812455762814E-14
tpunto1 : = 1.0122742328225
tduepunti0 : = 5.5190819450503E+17
v=v_elettrone : = 32265282.830139
x0= : 3.9672270023167E-13
y0= : 1.6238248783951E-13
*****
i=59754
k(59754)=0.99829473241476
kQ(59754)=0.99659237276706
r1= : 4.2455092861685E-13
rpunto1: = -17500323.611683
rduepunti0 : = 3.2058416700449E+26
fil : = 503.05824399152
fipunto1 : = 6.4500457618452E+19
fi_gradi : = 28823.114229977
t1 : = 1.0812455881533E-14
tpunto1 : = 1.0123394605634
tduepunti0 : = 5.5617724830122E+17
v=v_elettrone : = 32353557.538158
x0= : 3.9360512099325E-13
y0= : 1.6452715199144E-13
*****
i=59755
k(59755)=0.99830230974161
kQ(59755)=0.99660750163543
r1= : 4.2249851353079E-13
rpunto1: = -17461432.237613
rduepunti0 : = 3.316150015414E+26
fil : = 503.06580852091
fipunto1 : = 6.5124089335406E+19
fi_gradi : = 28823.547645585
t1 : = 1.0812456000258E-14
tpunto1 : = 1.0124051896421
tduepunti0 : = 5.6045200366311E+17
v=v_elettrone : = 32442276.227097
x0= : 3.9046969021362E-13
y0= : 1.6666406935483E-13
*****
i=59756
k(59756)=0.99831012703274
kQ(59756)=0.99662310973613
r1= : 4.2045065957426E-13
rpunto1: = -17421217.923592
rduepunti0 : = 3.4289531097736E+26
fil : = 503.07344618901
fipunto1 : = 6.5755403386176E+19
fi_gradi : = 28823.985251732
t1 : = 1.0812456118992E-14
tpunto1 : = 1.0124714205068
tduepunti0 : = 5.647305816403E+17
v=v_elettrone : = 32531436.641243
x0= : 3.8731628856788E-13
y0= : 1.6879302872373E-13
```

```
*****
i=59757
k(59757)=0.99831818828102
kQ(59757)=0.99663920505269
r1= : 4.1840752189994E-13
rpunto1: = -17379650.843731
rduepunti0 : = 3.5442993676235E+26
fil : = 503.0811578968
fipunto1 : = 6.6394466919029E+19
fi_gradi : = 28824.427100041
t1 : = 1.0812456237733E-14
tpunto1 : = 1.0125381533733
tduepunti0 : = 5.6901099935934E+17
v=v_elettrone : = 32621036.260152
x0= : 3.8414479715539E-13
y0= : 1.709138144062E-13
*****
i=59758
k(59758)=0.99832649747393
kQ(59758)=0.99665579555856
r1= : 4.1636925915842E-13
rpunto1: = -17336700.600139
rduepunti0 : = 3.6622375617566E+26
fil : = 503.08894455313
fipunto1 : = 6.7041345194779E+19
fi_gradi : = 28824.873242585
t1 : = 1.0812456356483E-14
tpunto1 : = 1.0126053882121
tduepunti0 : = 5.7329116598004E+17
v=v_elettrone : = 32711072.286596
x0= : 3.8095509757722E-13
y0= : 1.7302620614339E-13
*****
i=59759
k(59759)=0.99833505858837
kQ(59759)=0.99667288920664
r1= : 4.1433603356536E-13
rpunto1: = -17292336.21924
rduepunti0 : = 3.7828167793128E+26
fil : = 503.09680707449
fipunto1 : = 6.7696101403819E+19
fi_gradi : = 28825.323731876
t1 : = 1.081245647524E-14
tpunto1 : = 1.0126731247355
tduepunti0 : = 5.7756887855688E+17
v=v_elettrone : = 32801541.635741
x0= : 3.7774707201736E-13
y0= : 1.7512997902827E-13
*****
i=59760
k(59760)=0.998343875585
kQ(59760)=0.99669049391808
r1= : 4.1230801096891E-13
rpunto1: = -17246526.148644
rduepunti0 : = 3.9060863737939E+26
fil : = 503.10474638481
fipunto1 : = 6.83587964736E+19
fi_gradi : = 28825.778620849
t1 : = 1.0812456594005E-14
tpunto1 : = 1.0127413623836
tduepunti0 : = 5.8184181780828E+17
v=v_elettrone : = 32892440.922238
x0= : 3.745206033277E-13
y0= : 1.7722490342423E-13
```

```
*****
i=59761
k(59761)=0.99835295240228
kQ(59761)=0.99670861757035
r1= : 4.1028536091769E-13
rpunto1:= -17199238.25464
rduepunti0 := 4.0320959128059E+26
fil := 503.11276341513
fipunto1 := 6.9029488866231E+19
fi_gradi := 28826.237962851
t1 := 1.0812456712778E-14
tpunto1 := 1.0128101003105
tduepunti0 := 5.8610754379771E+17
v=v_elettrone := 32983766.447546
x0= : 3.71275575117E-13
y0= : 1.793107448835E-13
*****
i=59762
k(59762)=0.99836229295006
kQ(59762)=0.99672726798449
r1= : 4.0826825672888E-13
rpunto1:= -17150439.820349
rduepunti0 := 4.1608951212931E+26
fil := 503.12085910339
fipunto1 := 6.9708234365859E+19
fi_gradi := 28826.70181162
t1 := 1.0812456831559E-14
tpunto1 := 1.0128793373694
tduepunti0 := 5.9036349153087E+17
v=v_elettrone := 33075514.187808
x0= : 3.6801187184408E-13
y0= : 1.8138726406551E-13
*****
i=59763
k(59763)=0.99837190110282
kQ(59763)=0.99674645291167
r1= : 4.0625687555669E-13
rpunto1:= -17100097.544599
rduepunti0 := 4.2925338200152E+26
fil := 503.12903439403
fipunto1 := 7.0395085855484E+19
fi_gradi := 28827.17022127
t1 := 1.0812456950348E-14
tpunto1 := 1.0129490720975
tduepunti0 := 5.9460696647415E+17
v=v_elettrone := 33167679.78013
x0= : 3.6472937891508E-13
y0= : 1.8345421665544E-13
*****
i=59764
k(59764)=0.9983817806925
kQ(59764)=0.99676618001872
r1= : 4.0425139846081E-13
rpunto1:= -17048177.541587
rduepunti0 := 4.4270618590163E+26
fil := 503.13729023772
fipunto1 := 7.1090093082879E+19
fi_gradi := 28827.64324627
t1 := 1.0812457069145E-14
tpunto1 := 1.0130193027002
tduepunti0 := 5.9883514000051E+17
v=v_elettrone := 33260258.50861
x0= : 3.6142798278522E-13
y0= : 1.8551135328299E-13
```

```
*****
i=59765
k(59765)=0.99839193550078
kQ(59765)=0.99678645687299
r1= : 4.0225201047505E-13
rpunto1: = -16994645.34137
rduepunti0 : = 4.5645290458223E+26
fil : = 503.14562759094
fipunto1 : = 7.1793302415279E+19
fi_gradi : = 28828.120941422
t1 : = 1.0812457187951E-14
tpunto1 : = 1.0130900270351
tduepunti0 : = 6.0304504476957E+17
v=v_elettrone : = 33353245.290554
x0= : 3.5810757106508E-13
y0= : 1.8755841944148E-13
*****
i=59766
k(59766)=0.99840236925108
kQ(59766)=0.99680729092617
r1= : 4.0025890067578E-13
rpunto1: = -16939465.891277
rduepunti0 : = 4.7049850681015E+26
fil : = 503.15404741564
fipunto1 : = 7.2504756582516E+19
fi_gradi : = 28828.603361842
t1 : = 1.0812457306765E-14
tpunto1 : = 1.0131612425947
tduepunti0 : = 6.0723357004993E+17
v=v_elettrone : = 33446634.661801
x0= : 3.5476803263152E-13
y0= : 1.8959515540747E-13
*****
i=59767
k(59767)=0.99841308559994
kQ(59767)=0.99682868949718
r1= : 3.9827226225031E-13
rpunto1: = -16882603.558286
rduepunti0 : = 4.8484794105131E+26
fil : = 503.16255067875
fipunto1 : = 7.3224494408272E+19
fi_gradi : = 28829.09056293
t1 : = 1.0812457425587E-14
tpunto1 : = 1.0132329464896
tduepunti0 : = 6.1139745699275E+17
v=v_elettrone : = 33540420.762123
x0= : 3.5140925774338E-13
y0= : 1.9162129616102E-13
*****
i=59768
k(59768)=0.99842408812798
kQ(59768)=0.99685065975419
r1= : 3.9629229256496E-13
rpunto1: = -16824022.132453
rduepunti0 : = 4.9950612654649E+26
fil : = 503.17113835178
fipunto1 : = 7.395255052915E+19
fi_gradi : = 28829.58260035
t1 : = 1.0812457544417E-14
tpunto1 : = 1.01330513543
tduepunti0 : = 6.1553329386663E+17
v=v_elettrone : = 33634597.319117
x0= : 3.4803113816222E-13
y0= : 1.936365713069E-13
```



```
*****
i=59769
k(59769)=0.99843538033039
kQ(59769)=0.99687320869549
r1= : 3.9431919323268E-13
rpunto1: = -16763684.831462
rduerpunti0 : = 5.1447794374965E+26
fil : = 503.17981141027
fipunto1 : = 7.4688955101265E+19
fi_gradi : = 28830.079529997
t1 : = 1.0812457663256E-14
tpunto1 : = 1.0133778057077
tduepunti0 : = 6.1963751126516E+17
v=v_elettrone : = 33729157.633393
x0= : 3.4463356727807E-13
y0= : 1.9564070499663E-13
*****
i=59770
k(59770)=0.99844696560681
kQ(59770)=0.99689634312945
r1= : 3.9235317018022E-13
rpunto1: = -16701554.306371
rduerpunti0 : = 5.2976822409991E+26
fil : = 503.18857083333
fipunto1 : = 7.5433733494065E+19
fi_gradi : = 28830.58140797
t1 : = 1.0812457782104E-14
tpunto1 : = 1.0134509531766
tduepunti0 : = 6.2370637729994E+17
v=v_elettrone : = 33824094.561804
x0= : 3.4121644024049E-13
y0= : 1.9763341585187E-13
*****
i=59771
k(59771)=0.99845884725077
kQ(59771)=0.99692006965334
r1= : 3.9039443371456E-13
rpunto1: = -16637592.648643
rduerpunti0 : = 5.4538173909827E+26
fil : = 503.19741760303
fipunto1 : = 7.6186905971136E+19
fi_gradi : = 28831.088290536
t1 : = 1.081245790096E-14
tpunto1 : = 1.0135245732336
tduepunti0 : = 6.2773599279288E+17
v=v_elettrone : = 33919400.500653
x0= : 3.3777965409492E-13
y0= : 1.9961441688913E-13
*****
i=59772
k(59772)=0.99847102843852
kQ(59772)=0.99694439463108
r1= : 3.8844319858854E-13
rpunto1: = -16571761.39854
rduerpunti0 : = 5.613231886597E+26
fil : = 503.20635270381
fipunto1 : = 7.6948487357731E+19
fi_gradi : = 28831.6002341
t1 : = 1.0812458019825E-14
tpunto1 : = 1.0135986607979
tduepunti0 : = 6.3172228648364E+17
v=v_elettrone : = 34015067.369807
x0= : 3.3432310792466E-13
y0= : 2.0158341544608E-13
```

```
*****
i=59773
k(59773)=0.99848351221734
kQ(59773)=0.99696932416987
r1= : 3.8649968406552E-13
rpunto1: = -16504021.554976
rduerpunti0 : = 5.775971887114E+26
fil : = 503.21537712186
fipunto1 : = 7.7718486694818E+19
fi_gradi : = 28832.117295167
t1 : = 1.0812458138699E-14
tpunto1 : = 1.0136732102906
tduepunti0 : = 6.3566101026904E+17
v=v_elettrone : = 34111086.593984
x0= : 3.3084670299845E-13
y0= : 2.0354011310981E-13
*****
i=59774
k(59774)=0.99849630149322
kQ(59774)=0.99699486409564
r1= : 3.8456411398283E-13
rpunto1: = -16434333.58691
rduerpunti0 : = 5.9420825800807E+26
fil : = 503.22449184443
fipunto1 : = 7.8496906879465E+19
fi_gradi : = 28832.639530301
t1 : = 1.0812458257581E-14
tpunto1 : = 1.0137482156132
tduepunti0 : = 6.3954773449348E+17
v=v_elettrone : = 34207449.085766
x0= : 3.2735034292384E-13
y0= : 2.0548420564703E-13
*****
i=59775
k(59775)=0.99850939901803
kQ(59775)=0.99702101992735
r1= : 3.8263671681398E-13
rpunto1: = -16362657.446385
rduerpunti0 : = 6.1116080413541E+26
fil : = 503.2336978591
fipunto1 : = 7.9283744291391E+19
fi_gradi : = 28833.166996088
t1 : = 1.0812458376472E-14
tpunto1 : = 1.013823670126
tduepunti0 : = 6.4337784331073E+17
v=v_elettrone : = 34304145.227437
x0= : 3.2383393380655E-13
y0= : 2.074153829367E-13
*****
i=59776
k(59776)=0.99852280737603
kQ(59776)=0.99704779685011
r1= : 3.8071772572924E-13
rpunto1: = -16288952.583308
rduerpunti0 : = 6.284591086734E+26
fil : = 503.24299615303
fipunto1 : = 8.0078988405585E+19
fi_gradi : = 28833.699749087
t1 : = 1.0812458495372E-14
tpunto1 : = 1.0138995666254
tduepunti0 : = 6.4714653013977E+17
v=v_elettrone : = 34401164.852024
x0= : 3.2029738441583E-13
y0= : 2.0933332890527E-13
```

```
*****
i=59777
k(59777)=0.99853652896977
kQ(59777)=0.997075199687
r1= : 3.7880737865452E-13
rpunto1: = -16213177.962064
rduepunti0 : = 6.4610731149177E+26
fil : = 503.25238771215
fipunto1 : = 8.0882621390908E+19
fi_gradi : = 28834.237845788
t1 : = 1.0812458614281E-14
tpunto1 : = 1.0139758973215
tduepunti0 : = 6.5084879323879E+17
v=v_elettrone : = 34498497.224777
x0= : 3.167406063561E-13
y0= : 2.1123772146474E-13
*****
i=59778
k(59778)=0.99855056600543
kQ(59778)=0.99710323286976
r1= : 3.7690591832838E-13
rpunto1: = -16135292.080088
rduepunti0 : = 6.6410939415102E+26
fil : = 503.2618735203
fipunto1 : = 8.1694617694653E+19
fi_gradi : = 28834.78134256
t1 : = 1.0812458733199E-14
tpunto1 : = 1.014052653814
tduepunti0 : = 6.5447943142404E+17
v=v_elettrone : = 34596131.023926
x0= : 3.1316351424478E-13
y0= : 2.1312823245401E-13
*****
i=59779
k(59779)=0.99856492047745
kQ(59779)=0.99713190040813
r1= : 3.750135923567E-13
rpunto1: = -16055252.988485
rduepunti0 : = 6.8246916238339E+26
fil : = 503.27145455832
fipunto1 : = 8.2514943613097E+19
fi_gradi : = 28835.330295602
t1 : = 1.0812458852125E-14
tpunto1 : = 1.0141298270691
tduepunti0 : = 6.5803303996193E+17
v=v_elettrone : = 34694054.32064
x0= : 3.0956602589667E-13
y0= : 2.1500452758372E-13
*****
i=59780
k(59780)=0.99857959415263
kQ(59780)=0.99716120585804
r1= : 3.731306532651E-13
rpunto1: = -15973018.314811
rduepunti0 : = 7.0119022762985E+26
fil : = 503.28113180309
fipunto1 : = 8.3343556848121E+19
fi_gradi : = 28835.884760884
t1 : = 1.0812458971061E-14
tpunto1 : = 1.0142074073946
tduepunti0 : = 6.6150400666532E+17
v=v_elettrone : = 34792254.55945
x0= : 3.0594806251481E-13
y0= : 2.1686626638486E-13
```

```
*****
i=59781
k(59781)=0.99859458855352
kQ(59781)=0.99719115228838
r1= : 3.7125735854858E-13
rpunto1:= -15888545.288146
rduepunti0 : = 7.2027598761091E+26
fil : = 503.29090622653
fipunto1 : = 8.4180406050049E+19
fi_gradi : = 28836.444794095
t1 : = 1.0812459090006E-14
tpunto1 : = 1.0142853844155
tduepunti0 : = 6.6488650822703E+17
v=v_elettrone : = 34890718.538493
x0= : 3.0230954888799E-13
y0= : 2.1871310216167E-13
*****
i=59782
k(59782)=0.9986099049412
kQ(59782)=0.99722174224668
r1= : 3.6939397071824E-13
rpunto1:= -15801790.766546
rduepunti0 : = 7.3972960591133E+26
fil : = 503.30077879456
fipunto1 : = 8.5025430346939E+19
fi_gradi : = 28837.010450576
t1 : = 1.081245920896E-14
tpunto1 : = 1.0143637470486
tduepunti0 : = 6.6817450682613E+17
v=v_elettrone : = 34989432.388117
x0= : 2.9865041359495E-13
y0= : 2.205446819491E-13
*****
i=59783
k(59783)=0.99862554429746
kQ(59783)=0.9972529777234
r1= : 3.6754075734484E-13
rpunto1:= -15712711.267018
rduepunti0 : = 7.5955399056102E+26
fil : = 503.31075046593
fipunto1 : = 8.5878558860606E+19
fi_gradi : = 28837.58178526
t1 : = 1.0812459327923E-14
tpunto1 : = 1.0144424834771
tduepunti0 : = 6.7136174704499E+17
v=v_elettrone : = 35088381.550678
x0= : 2.9497058921546E-13
y0= : 2.223606464752E-13
*****
i=59784
k(59784)=0.99864150730632
kQ(59784)=0.99728486011504
r1= : 3.6569799109875E-13
rpunto1:= -15621262.998122
rduepunti0 : = 7.7975177159787E+26
fil : = 503.3208221911
fipunto1 : = 8.6739710209777E+19
fi_gradi : = 28838.158852604
t1 : = 1.0812459446896E-14
tpunto1 : = 1.0145215811246
tduepunti0 : = 6.7444175313754E+17
v=v_elettrone : = 35187550.75986
x0= : 2.9127001254824E-13
y0= : 2.2416063012886E-13
```

```
*****
i=59785
k(59785)=0.99865779433496
kQ(59785)=0.99731739018596
r1= : 3.6386594978613E-13
rpunto1: = -15527401.895325
rduerpunti0 : = 8.0032527760108E+26
fil : = 503.33099491097
fipunto1 : = 8.7608792000852E+19
fi_gradi : = 28838.741706519
t1 : = 1.0812459565878E-14
tpunto1 : = 1.0146010266294
tduerpunti0 : = 6.774078266918E+17
v=v_elettrone : = 35286924.019107
x0= : 2.8754862483576E-13
y0= : 2.2594426093336E-13
*****
i=59786
k(59786)=0.99867440541404
kQ(59786)=0.99735056802908
r1= : 3.6204491638101E-13
rpunto1: = -15431083.659229
rduerpunti0 : = 8.2127651118791E+26
fil : = 503.34126955562
fipunto1 : = 8.8485700306834E+19
fi_gradi : = 28839.330400294
t1 : = 1.0812459684869E-14
tpunto1 : = 1.0146808058176
tduerpunti0 : = 6.8025304473231E+17
v=v_elettrone : = 35386484.580492
x0= : 2.8380637199612E-13
y0= : 2.2771116052615E-13
*****
i=59787
k(59787)=0.99869134021743
kQ(59787)=0.9973843930253
r1= : 3.6023517905277E-13
rpunto1: = -15332263.796796
rduerpunti0 : = 8.4260712347064E+26
fil : = 503.35164704293
fipunto1 : = 8.9370319135138E+19
fi_gradi : = 28839.924986519
t1 : = 1.0812459803869E-14
tpunto1 : = 1.0147609036771
tduerpunti0 : = 6.829702583108E+17
v=v_elettrone : = 35486214.923546
x0= : 2.8004320486186E-13
y0= : 2.2946094414526E-13
*****
i=59788
k(59788)=0.99870859804144
kQ(59788)=0.99741886380189
r1= : 3.5843703118886E-13
rpunto1: = -15230897.66569
rduerpunti0 : = 8.6431838747579E+26
fil : = 503.36212827718
fipunto1 : = 9.0262519885059E+19
fi_gradi : = 28840.525517005
t1 : = 1.0812459922879E-14
tpunto1 : = 1.0148413043306
tduerpunti0 : = 6.8555209163586E+17
v=v_elettrone : = 35586096.733864
x0= : 2.7625907942577E-13
y0= : 2.3119322062294E-13
```

```
*****
i=59789
k(59789)=0.99872617778335
kQ(59789)=0.99745397818975
r1= : 3.5665077141236E-13
rpunto1: = -15126940.521856
rduepunti0 : = 8.8641117053286E+26
fil : = 503.37271414757
fipunto1 : = 9.116216079583E+19
fi_gradi : = 28841.132042701
t1 : = 1.0812460041898E-14
tpunto1 : = 1.0149219910093
tduepunti0 : = 6.8799094179516E+17
v=v_elettrone : = 35686110.881456
x0= : 2.724539570937E-13
y0= : 2.3290759238691E-13
*****
i=59790
k(59790)=0.99874407791969
kQ(59790)=0.99748973317964
r1= : 3.5487670359385E-13
rpunto1: = -15020347.570454
rduepunti0 : = 9.0888590564601E+26
fil : = 503.38340552667
fipunto1 : = 9.2069086386335E+19
fi_gradi : = 28841.744613601
t1 : = 1.0812460160927E-14
tpunto1 : = 1.015002946026
tduepunti0 : = 6.9027897912619E+17
v=v_elettrone : = 35786237.399836
x0= : 2.6862780494439E-13
y0= : 2.346036554698E-13
*****
i=59791
k(59791)=0.99876229648376
kQ(59791)=0.99752612487751
r1= : 3.531151368574E-13
rpunto1: = -14911074.020276
rduepunti0 : = 9.3174256186862E+26
fil : = 503.39420326882
fipunto1 : = 9.2983126887676E+19
fi_gradi : = 28842.363278654
t1 : = 1.0812460279965E-14
tpunto1 : = 1.0150841507488
tduepunti0 : = 6.9240814829405E+17
v=v_elettrone : = 35886455.464013
x0= : 2.6478059599608E-13
y0= : 2.3628099952726E-13
*****
i=59792
k(59792)=0.998780831043
kQ(59792)=0.99756314845894
r1= : 3.5136638558013E-13
rpunto1: = -14799075.141744
rduepunti0 : = 9.549806137081E+26
fil : = 503.40510820844
fipunto1 : = 9.3904097669934E+19
fi_gradi : = 28842.98808567
t1 : = 1.0812460399013E-14
tpunto1 : = 1.0151655855751
tduepunti0 : = 6.9437017013715E+17
v=v_elettrone : = 35986743.37049
x0= : 2.6091230948009E-13
y0= : 2.3793920786534E-13
```

```
*****
i=59793
k(59793)=0.99879967867576
kQ(59793)=0.99760079812281
r1= : 3.4963076938499E-13
rpunto1: = -14684306.328602
rduerpunti0 : = 9.785990095962E+26
fil : = 503.41612115831
fipunto1 : = 9.483179866465E+19
fi_gradi : = 28843.619081218
t1 : = 1.081246051807E-14
tpunto1 : = 1.015247229905
tduepunti0 : = 6.9615654434384E+17
v=v_elettrone : = 36087078.515784
x0= : 2.57022931121E-13
y0= : 2.3957785747772E-13
*****
i=59794
k(59794)=0.99881883594791
kQ(59794)=0.99763906704434
r1= : 3.4790861312629E-13
rpunto1: = -14566723.163426
rduerpunti0 : = 1.0025961394689E+27
fil : = 503.42724290775
fipunto1 : = 9.5766013784683E+19
fi_gradi : = 28844.256310521
t1 : = 1.0812460637137E-14
tpunto1 : = 1.0153290621163
tduepunti0 : = 6.9775855302526E+17
v=v_elettrone : = 36187437.37588
x0= : 2.5311245342347E-13
y0= : 2.4119651909323E-13
*****
i=59795
k(59795)=0.99883829888907
kQ(59795)=0.99767794732762
r1= : 3.4620024686756E-13
rpunto1: = -14446281.487014
rduerpunti0 : = 1.0269698015091E+27
fil : = 503.43847422071
fipunto1 : = 9.6706510343321E+19
fi_gradi : = 28844.899817352
t1 : = 1.0812460756214E-14
tpunto1 : = 1.0154110595396
tduepunti0 : = 6.9916726525124E+17
v=v_elettrone : = 36287795.486602
x0= : 2.4918087596543E-13
y0= : 2.427947572345E-13
*****
i=59796
k(59796)=0.99885806296875
kQ(59796)=0.99771742995768
r1= : 3.4450600585126E-13
rpunto1: = -14322937.471783
rduerpunti0 : = 1.0517171681152E+27
fil : = 503.44981583388
fipunto1 : = 9.7653038474652E+19
fi_gradi : = 28845.54964392
t1 : = 1.08124608753E-14
tpunto1 : = 1.0154931984335
tduepunti0 : = 7.0037354261806E+17
v=v_elettrone : = 36388127.423796
x0= : 2.4522820569754E-13
y0= : 2.4437213028805E-13
```

```
*****
i=59797
k(59797)=0.99887812307228
kQ(59797)=0.9977575047524
r1= : 3.428262304599E-13
rpunto1: = -14196647.699231
rduepunti0 : = 1.0768347511713E+27
fil : = 503.46126845463
fipunto1 : = 9.8605330557433E+19
fi_gradi : = 28846.205830753
t1 : = 1.0812460994395E-14
tpunto1 : = 1.0155754539615
tduepunti0 : = 7.0136804591766E+17
v=v_elettrone : = 36488406.78399
x0= : 2.4125445724857E-13
y0= : 2.4592819058677E-13
*****
i=59798
k(59798)=0.99889847347682
kQ(59798)=0.99779816031433
r1= : 3.4116126616804E-13
rpunto1: = -14067369.241549
rduepunti0 : = 1.1023183667025E+27
fil : = 503.47283275896
fipunto1 : = 9.9563100644889E+19
fi_gradi : = 28846.868416584
t1 : = 1.0812461113501E-14
tpunto1 : = 1.015657800169
tduepunti0 : = 7.0214124297938E+17
v=v_elettrone : = 36588606.166943
x0= : 2.3725965323654E-13
y0= : 2.4746248450507E-13
*****
i=59799
k(59799)=0.99891910782735
kQ(59799)=0.99783938398259
r1= : 3.3951146348478E-13
rpunto1: = -13935059.747431
rduepunti0 : = 1.1281630990155E+27
fil : = 503.4845093893
fipunto1 : = 1.0052604390303E+20
fi_gradi : = 28847.537438222
t1 : = 1.0812461232616E-14
tpunto1 : = 1.0157402099621
tduepunti0 : = 7.0268341775529E+17
v=v_elettrone : = 36688697.156942
x0= : 2.3324382458513E-13
y0= : 2.4897455256769E-13
*****
i=59800
k(59800)=0.99894001911286
kQ(59800)=0.99788116178521
r1= : 3.378771778861E-13
rpunto1: = -13799677.532148
rduepunti0 : = 1.1543632644347E+27
fil : = 503.49629895238
fipunto1 : = 1.0149383606037E+20
fi_gradi : = 28848.212930428
t1 : = 1.081246135174E-14
tpunto1 : = 1.0158226550869
tduepunti0 : = 7.0298468072061E+17
v=v_elettrone : = 36788650.307204
x0= : 2.2920701084535E-13
y0= : 2.5046392957253E-13
```



```
*****
i=59801
k(59801)=0.99896119964285
kQ(59801)=0.99792347839188
r1= : 3.3625876973673E-13
rpunto1: = -13661181.671897
rduepunti0 : = 1.1809123747589E+27
fil : = 503.50820201685
fipunto1 : = 1.02466132872E+20
fi_gradi : = 28848.894925786
t1 : = 1.0812461470875E-14
tpunto1 : = 1.0159051061108
tduepunti0 : = 7.0303498065997E+17
v=v_elettrone : = 36888435.12369
x0= : 2.251492605216E-13
y0= : 2.5193014472836E-13
*****
i=59802
k(59802)=0.99898264102417
kQ(59802)=0.99796631706762
r1= : 3.3465660420088E-13
rpunto1: = -13519532.10246
rduepunti0 : = 1.2078031005768E+27
fil : = 503.52021911103
fipunto1 : = 1.0344256960141E+20
fi_gradi : = 28849.583454564
t1 : = 1.0812461590019E-14
tpunto1 : = 1.015987532405
tduepunti0 : = 7.028241179093E+17
v=v_elettrone : = 36988020.050553
x0= : 2.2107063140205E-13
y0= : 2.5337272180793E-13
*****
i=59803
k(59803)=0.99900433413846
kQ(59803)=0.99800965962742
r1= : 3.3307105114145E-13
rpunto1: = -13374689.722157
rduepunti0 : = 1.235027234597E+27
fil : = 503.53235072042
fipunto1 : = 1.0442276052338E+20
fi_gradi : = 28850.278544581
t1 : = 1.0812461709172E-14
tpunto1 : = 1.0160699021287
tduepunti0 : = 7.0234175912139E+17
v=v_elettrone : = 37087372.45725
x0= : 2.1697119089276E-13
y0= : 2.5479117931719E-13
*****
i=59804
k(59804)=0.99902626912021
kQ(59804)=0.99805348639224
r1= : 3.3150248500712E-13
rpunto1: = -13226616.499088
rduepunti0 : = 1.2625756551597E+27
fil : = 503.54459728533
fipunto1 : = 1.0540629845169E+20
fi_gradi : = 28850.980221064
t1 : = 1.0812461828336E-14
tpunto1 : = 1.0161521822158
tduepunti0 : = 7.0157745362058E+17
v=v_elettrone : = 37186458.626497
x0= : 2.128510163548E-13
y0= : 2.5618503068134E-13
```

```
*****
i=59805
k(59805)=0.99904843533568
kQ(59805)=0.99809777614667
r1= : 3.2995128470691E-13
rpunto1: = -13075275.582598
rduepunti0 : = 1.2904382901168E+27
fil : = 503.55695919828
fipunto1 : = 1.063927542956E+20
fi_gradi : = 28851.688506503
t1 : = 1.0812461947509E-14
tpunto1 : = 1.0162343383624
tduepunti0 : = 7.0052065140887E+17
v=v_elettrone : = 37285243.744197
x0= : 2.0871019544406E-13
y0= : 2.5755378444822E-13
*****
i=59806
k(59806)=0.99907082136275
kQ(59806)=0.99814250609844
r1= : 3.2841783347163E-13
rpunto1: = -12920631.418923
rduepunti0 : = 1.3186040812819E+27
fil : = 503.56943680149
fipunto1 : = 1.0738167664906E+20
fi_gradi : = 28852.403420505
t1 : = 1.0812462066691E-14
tpunto1 : = 1.0163163350184
tduepunti0 : = 6.9916072288158E+17
v=v_elettrone : = 37383691.890433
x0= : 2.0454882645286E-13
y0= : 2.5889694450977E-13
*****
i=59807
k(59807)=0.99909341497197
kQ(59807)=0.99818765184035
r1= : 3.2690251870179E-13
rpunto1: = -12762649.870908
rduepunti0 : = 1.347060949666E+27
fil : = 503.58203038421
fipunto1 : = 1.0837259141708E+20
fi_gradi : = 28853.124979644
t1 : = 1.0812462185884E-14
tpunto1 : = 1.0163981353801
tduepunti0 : = 6.9748698030556E+17
v=v_elettrone : = 37481766.033093
x0= : 2.0036701865283E-13
y0= : 2.602140103422E-13
*****
i=59808
k(59808)=0.99911620310886
kQ(59808)=0.99823318731467
r1= : 3.2540573180148E-13
rpunto1: = -12601298.34168
rduepunti0 : = 1.3757957617357E+27
fil : = 503.59474018013
fipunto1 : = 1.0936500148373E+20
fi_gradi : = 28853.853197309
t1 : = 1.0812462305086E-14
tpunto1 : = 1.0164797013862
tduepunti0 : = 6.95488701107E+17
v=v_elettrone : = 37579428.023129
x0= : 1.9616489263815E-13
y0= : 2.6150447726538E-13
```

```
*****
i=59809
k(59809)=0.9991391718778
kQ(59809)=0.99827908478065
r1= : 3.2392786799769E-13
rpunto1 : = -12436545.902135
rduepunti0 : = 1.404794296943E+27
fil : = 503.6075663646
fipunto1 : = 1.1035838642628E+20
fi_gradi : = 28854.588083546
t1 : = 1.0812462424297E-14
tpunto1 : = 1.0165609937168
tduepunti0 : = 6.9315515300852E+17
v=v_elettrone : = 37676638.591852
x0= : 1.9194258066835E-13
y0= : 2.6276783672214E-13
*****
i=59810
k(59810)=0.99916230652751
kQ(59810)=0.99832531478537
r1= : 3.2246932614473E-13
rpunto1 : = -12268363.422046
rduepunti0 : = 1.4340412167937E+27
fil : = 503.62050905196
fipunto1 : = 1.1135220228055E+20
fi_gradi : = 28855.329644907
t1 : = 1.0812462543518E-14
tpunto1 : = 1.0166419717954
tduepunti0 : = 6.9047562104738E+17
v=v_elettrone : = 37773357.350812
x0= : 1.8770022700989E-13
y0= : 2.6400357657798E-13
*****
i=59811
k(59811)=0.99918559143853
kQ(59811)=0.99837184613837
r1= : 3.2103050851327E-13
rpunto1 : = -12096723.70459
rduepunti0 : = 1.4635200357374E+27
fil : = 503.63356829274
fipunto1 : = 1.1234588136226E+20
fi_gradi : = 28856.077884288
t1 : = 1.0812462662748E-14
tpunto1 : = 1.0167225937943
tduepunti0 : = 6.8743943649676E+17
v=v_elettrone : = 37869542.794124
x0= : 1.8343798827539E-13
y0= : 2.6521118144172E-13
*****
i=59812
k(59812)=0.99920901011272
kQ(59812)=0.99841864589045
r1= : 3.196118205636E-13
rpunto1 : = -11921601.624039
rduepunti0 : = 1.4932130941772E+27
fil : = 503.64674407091
fipunto1 : = 1.1333883214954E+20
fi_gradi : = 28856.832800768
t1 : = 1.0812462781988E-14
tpunto1 : = 1.0168028166435
tduepunti0 : = 6.8403600770181E+17
v=v_elettrone : = 37965152.302952
x0= : 1.7915603375965E-13
y0= : 2.6639013300759E-13
```

```
*****
i=59813
k(59813)=0.99923254516509
kQ(59813)=0.99846567931711
r1= : 3.1821367070271E-13
rpunto1: = -11742974.26633
rduepunti0 : = 1.5231015339107E+27
fil : = 503.66003630104
fipunto1 : = 1.1433043923168E+20
fi_gradi : = 28857.594389456
t1 : = 1.0812462901238E-14
tpunto1 : = 1.0168825960437
tduepunti0 : = 6.8025485283016E+17
v=v_elettrone : = 38060142.154458
x0= : 1.7485454577131E-13
y0= : 2.6753991041915E-13
*****
i=59814
k(59814)=0.99925617831816
kQ(59814)=0.99851290990701
r1= : 3.1683647002493E-13
rpunto1: = -11560821.072194
rduepunti0 : = 1.5531652763274E+27
fil : = 503.67344482557
fipunto1 : = 1.1532006332956E+20
fi_gradi : = 28858.36264132
t1 : = 1.0812463020496E-14
tpunto1 : = 1.0169618864835
tduepunti0 : = 6.7608563452333E+17
v=v_elettrone : = 38154467.531613
x0= : 1.7053371995896E-13
y0= : 2.6865999065557E-13
*****
i=59815
k(59815)=0.99927989039903
kQ(59815)=0.99856029935589
r1= : 3.1548063203574E-13
rpunto1: = -11375123.982477
rduepunti0 : = 1.5833830037002E+27
fil : = 503.68696941191
fipunto1 : = 1.1630704139282E+20
fi_gradi : = 28859.137543037
t1 : = 1.0812463139764E-14
tpunto1 : = 1.0170406412601
tduepunti0 : = 6.7151819642131E+17
v=v_elettrone : = 38248082.537774
x0= : 1.6619376563059E-13
y0= : 2.6974984894043E-13
*****
i=59816
k(59816)=0.99930366133946
kQ(59816)=0.99860780756646
r1= : 3.1414657235859E-13
rpunto1: = -11185867.585251
rduepunti0 : = 1.6137321439178E+27
fil : = 503.70060974975
fipunto1 : = 1.1729068677916E+20
fi_gradi : = 28859.919076827
t1 : = 1.0812463259041E-14
tpunto1 : = 1.0171188125055
tduepunti0 : = 6.6654260151679E+17
v=v_elettrone : = 38340940.214443
x0= : 1.6183490606508E-13
y0= : 2.7080895917339E-13
```

```
*****
i=59817
k(59817)=0.9993274701791
kQ(59817)=0.99865539265456
r1= : 3.1283470842441E-13
rpunto1:= -10993039.264275
rduepunti0 := 1.6441888590129E+27
fil := 503.71436544823
fipunto1 := 1.1827028952093E+20
fi_gradi := 28860.707220294
t1 := 1.0812463378328E-14
tpunto1 := 1.0171963512165
tduepunti0 := 6.6114917227844E+17
v=v_elettrone := 38432992.56197
x0= : 1.5745737881436E-13
y0= : 2.7183679438509E-13
*****
i=59818
k(59818)=0.99935129507205
kQ(59818)=0.99870301096218
r1= : 3.1154545914375E-13
rpunto1:= -10796629.34831
rduepunti0 := 1.6747280378486E+27
fil := 503.72823603325
fipunto1 := 1.1924511668417E+20
fi_gradi := 28861.501946275
t1 := 1.0812463497623E-14
tpunto1 := 1.0172732072905
tduepunti0 := 6.5532853246483E+17
v=v_elettrone := 38524190.564602
x0= : 1.5306143599491E-13
y0= : 2.7283282721506E-13
*****
i=59819
k(59819)=0.99937511329713
kQ(59819)=0.99875061707765
r1= : 3.102792445614E-13
rpunto1:= -10596631.260761
rduepunti0 := 1.7053232933252E+27
fil := 503.74222094472
fipunto1 := 1.20214412825E+20
fi_gradi := 28862.303222679
t1 := 1.0812463616928E-14
tpunto1 := 1.0173493295656
tduepunti0 := 6.4907165053118E+17
v=v_elettrone := 38614484.219799
x0= : 1.4864734456715E-13
y0= : 2.7379653041306E-13
*****
i=59820
k(59820)=0.99939890127189
kQ(59820)=0.99879816386346
r1= : 3.0903648549342E-13
rpunto1:= -10393041.669074
rduepunti0 := 1.7359469644742E+27
fil := 503.75631953397
fipunto1 := 1.2117740054821E+20
fi_gradi := 28863.11101234
t1 := 1.0812463736241E-14
tpunto1 := 1.0174246658663
tduepunti0 := 6.4236988451074E+17
v=v_elettrone := 38703822.570211
x0= : 1.4421538660115E-13
y0= : 2.7472737736358E-13
```

```
*****
i=59821
k(59821)=0.99942263457066
kQ(59821)=0.99884560249216
r1= : 3.0781760314673E-13
rpunto1: = -10185860.633276
rduepunti0 : = 1.7665701237996E+27
fil : = 503.77053106117
fipunto1 : = 1.2213328117254E+20
fi_gradi : = 28863.925272869
t1 : = 1.0812463855563E-14
tpunto1 : = 1.0174991630548
tduepunti0 : = 6.3521502823165E+17
v=v_elettrone : = 38792153.741848
x0= : 1.3976585952734E-13
y0= : 2.7562484263344E-13
*****
i=59822
k(59822)=0.99944628794677
kQ(59822)=0.99889288249058
r1= : 3.066230187212E-13
rpunto1: = -9975091.7529904
rduepunti0 : = 1.7971625902222E+27
fil : = 503.7848546928
fipunto1 : = 1.2308123550677E+20
fi_gradi : = 28864.745956509
t1 : = 1.0812463974894E-14
tpunto1 : = 1.0175727670875
tduepunti0 : = 6.2759935870795E+17
v=v_elettrone : = 38879424.985043
x0= : 1.3529907637025E-13
y0= : 2.7648840254223E-13
*****
i=59823
k(59823)=0.99946983535917
kQ(59823)=0.99893995179289
r1= : 3.0545315299454E-13
rpunto1: = -9760742.3122408
rduepunti0 : = 1.8276929479708E+27
fil : = 503.79928949927
fipunto1 : = 1.240204247406E+20
fi_gradi : = 28865.573009998
t1 : = 1.0812464094234E-14
tpunto1 : = 1.0176454230775
tduepunti0 : = 6.195156845209E+17
v=v_elettrone : = 38965582.721312
x0= : 1.3081536596416E-13
y0= : 2.7731753575525E-13
*****
i=59824
k(59824)=0.99949325000353
kQ(59824)=0.99898675680262
r1= : 3.0430842589021E-13
rpunto1: = -9542823.4213035
rduepunti0 : = 1.858128571751E+27
fil : = 503.81383445263
fipunto1 : = 1.2494999145352E+20
fi_gradi : = 28866.406374439
t1 : = 1.0812464213582E-14
tpunto1 : = 1.0177170753624
tduepunti0 : = 6.1095739498377E+17
v=v_elettrone : = 39050572.593219
x0= : 1.2631507314846E-13
y0= : 2.7811172389852E-13
```

```
*****
i=59825
k(59825)=0.99951650434807
kQ(59825)=0.99903324246418
r1= : 3.0318925602867E-13
rpunto1: = -9321350.1548336
rduerpunti0 : = 1.8884356585008E+27
fil : = 503.82848842436
fipunto1 : = 1.2586906074466E+20
fi_gradi : = 28867.245985172
t1 : = 1.0812464332939E-14
tpunto1 : = 1.0177876675788
tduepunti0 : = 6.0191850986019E+17
v=v_elettrone : = 39134339.521094
x0= : 1.2179855894163E-13
y0= : 2.7887045219514E-13
*****
i=59826
k(59826)=0.9995395701741
kQ(59826)=0.99907935234383
r1= : 3.0209606026242E-13
rpunto1: = -9096341.6854614
rduerpunti0 : = 1.9185792660206E+27
fil : = 503.84325018334
fipunto1 : = 1.2677674148579E+20
fi_gradi : = 28868.091771659
t1 : = 1.0812464452303E-14
tpunto1 : = 1.0178571427413
tduepunti0 : = 5.9239372938285E+17
v=v_elettrone : = 39216827.7627
x0= : 1.1726620069153E-13
y0= : 2.7959321012248E-13
*****
i=59827
k(59827)=0.99956241862151
kQ(59827)=0.99912502872048
r1= : 3.0102925319545E-13
rpunto1: = -8867821.4120226
rduerpunti0 : = 1.9485233587351E+27
fil : = 503.85811839393
fipunto1 : = 1.2767212769921E+20
fi_gradi : = 28868.943657375
t1 : = 1.0812464571676E-14
tpunto1 : = 1.0179254433289
tduepunti0 : = 5.8237848429683E+17
v=v_elettrone : = 39297980.979693
x0= : 1.1271839220089E-13
y0= : 2.802794920891E-13
*****
i=59828
k(59828)=0.9995850202391
kQ(59828)=0.99917021268641
r1= : 2.9998924668755E-13
rpunto1: = -8635817.0815583
rduerpunti0 : = 1.9782308608108E+27
fil : = 503.87309161424
fipunto1 : = 1.2855430006137E+20
fi_gradi : = 28869.801559704
t1 : = 1.0812464691057E-14
tpunto1 : = 1.0179925113763
tduepunti0 : = 5.7186898562988E+17
v=v_elettrone : = 39377742.306862
x0= : 1.0815554382574E-13
y0= : 2.8092879813072E-13
```

```
*****
i=59829
k(59829)=0.99960734503999
kQ(59829)=0.99921484425791
r1= : 2.9897644934438E-13
rpunto1: = -8400360.9042009
rduepunti0 : = 2.0076637168136E+27
fil : = 503.88816829457
fipunto1 : = 1.2942232753231E+20
fi_gradi : = 28870.665389857
t1 : = 1.0812464810446E-14
tpunto1 : = 1.0180582885709
tduepunti0 : = 5.6086227387064E+17
v=v_elettrone : = 39456054.428776
x0= : 1.0357808254569E-13
y0= : 2.8154063462372E-13
*****
i=59830
k(59830)=0.99962936256191
kQ(59830)=0.99925886249592
r1= : 2.9799126599402E-13
rpunto1: = -8161489.6600463
rduepunti0 : = 2.0367829600474E+27
fil : = 503.90334677603
fipunto1 : = 1.3027526911035E+20
fi_gradi : = 28871.535052784
t1 : = 1.0812464929843E-14
tpunto1 : = 1.0181227163561
tduepunti0 : = 5.4935626721654E+17
v=v_elettrone : = 39532859.65979
x0= : 9.8986452003745E-14
y0= : 2.8211451501523E-13
*****
i=59831
k(59831)=0.99965104193245
kQ(59831)=0.99930220563663
r1= : 2.9703409715105E-13
rpunto1: = -7919244.7970989
rduepunti0 : = 2.065548788664E+27
fil : = 503.91862528937
fipunto1 : = 1.3111217571018E+20
fi_gradi : = 28872.410447115
t1 : = 1.0812465049247E-14
tpunto1 : = 1.0181857360395
tduepunti0 : = 5.373498085351E+17
v=v_elettrone : = 39608100.029622
x0= : 9.4381112514642E-14
y0= : 2.8264996056822E-13
*****
i=59832
k(59832)=0.99967235193923
kQ(59832)=0.9993448112317
r1= : 2.9610533846907E-13
rpunto1: = -7673672.5193757
rduepunti0 : = 2.0939206495814E+27
fil : = 503.93400195401
fipunto1 : = 1.3193209216201E+20
fi_gradi : = 28873.291465102
t1 : = 1.0812465168658E-14
tpunto1 : = 1.0182472889069
tduepunti0 : = 5.2484271066668E+17
v=v_elettrone : = 39681717.374451
x0= : 8.9762541039659E-14
y0= : 2.831465011199E-13
```



```
*****
i=59833
k(59833)=0.99969326110472
kQ(59833)=0.99938661629818
r1= : 2.9520538018294E-13
rpunto1: = -7424823.864255
rduepunti0 : = 2.1218573301874E+27
fil : = 503.94947477739
fipunto1 : = 1.3273405932789E+20
fi_gradi : = 28874.177992579
t1 : = 1.0812465288077E-14
tpunto1 : = 1.0183073163406
tduepunti0 : = 5.1183579968353E+17
v=v_elettrone : = 39753653.431272
x0= : 8.5131231126598E-14
y0= : 2.8360367585197E-13
*****
i=59834
k(59834)=0.99971373776572
kQ(59834)=0.9994275574775
r1= : 2.9433460654192E-13
rpunto1: = -7172754.7681675
rduepunti0 : = 2.1493170577422E+27
fil : = 503.96504165443
fipunto1 : = 1.3351711633083E+20
fi_gradi : = 28875.069908934
t1 : = 1.0812465407503E-14
tpunto1 : = 1.018365759944
tduepunti0 : = 4.9833095570973E+17
v=v_elettrone : = 39823849.93938
x0= : 8.0487692813523E-14
y0= : 2.8402103407056E-13
*****
i=59835
k(59835)=0.9997337501572
kQ(59835)=0.99946757120338
r1= : 2.9349339523512E-13
rpunto1: = -6917526.1197446
rduepunti0 : = 2.1762576063242E+27
fil : = 503.98070036737
fipunto1 : = 1.342803028907E+20
fi_gradi : = 28875.967087098
t1 : = 1.0812465526935E-14
tpunto1 : = 1.0184225616685
tduepunti0 : = 4.8433115090001E+17
v=v_elettrone : = 39892248.743976
x0= : 7.5832452494677E-14
y0= : 2.8439813599395E-13
*****
i=59836
k(59836)=0.99975326650028
kQ(59836)=0.99950659387798
r1= : 2.9268211681071E-13
rpunto1: = -6659203.7995665
rduepunti0 : = 2.2026364110955E+27
fil : = 503.99644858583
fipunto1 : = 1.3502266176028E+20
fi_gradi : = 28876.86939355
t1 : = 1.0812465646375E-14
tpunto1 : = 1.0184776639466
tduepunti0 : = 4.6984048417175E+17
v=v_elettrone : = 39958791.905632
x0= : 7.1166052747581E-14
y0= : 2.8473455354588E-13
```

```
*****
i=59837
k(59837)=0.99977225509408
kQ(59837)=0.9995445620559
r1= : 2.9190113409047E-13
rpunto1: = -6397858.7056856
rduepunti0 : = 2.2284106895846E+27
fil : = 504.01228386717
fipunto1 : = 1.3574324125332E+20
fi_gradi : = 28877.776688339
t1 : = 1.081246576582E-14
tpunto1 : = 1.018531009827
tduepunti0 : = 4.5486421228577E+17
v=v_elettrone : = 40023421.813845
x0= : 6.6489052120005E-14
y0= : 2.850298711521E-13
*****
i=59838
k(59838)=0.99979068441103
kQ(59838)=0.99958141263507
r1= : 2.9115080158135E-13
rpunto1: = -6133566.764148
rduepunti0 : = 2.2535375696093E+27
fil : = 504.02820365714
fipunto1 : = 1.3644109785551E+20
fi_gradi : = 28878.688825114
t1 : = 1.0812465885272E-14
tpunto1 : = 1.0185825431142
tduepunti0 : = 4.3940877687649E+17
v=v_elettrone : = 40086081.303907
x0= : 6.1802024875804E-14
y0= : 2.8528368653772E-13
*****
i=59839
k(59839)=0.99980852319538
kQ(59839)=0.99961708305412
r1= : 2.9043146488578E-13
rpunto1: = -5866408.9237859
rduepunti0 : = 2.2779742233866E+27
fil : = 504.04420529081
fipunto1 : = 1.3711529890828E+20
fi_gradi : = 28879.605651189
t1 : = 1.081246600473E-14
tpunto1 : = 1.0186322085095
tduepunti0 : = 4.2348182704193E+17
v=v_elettrone : = 40146713.777466
x0= : 5.7105560698808E-14
y0= : 2.8549561152273E-13
*****
i=59840
k(59840)=0.99982574056433
kQ(59840)=0.99965151149501
r1= : 2.8974346011265E-13
rpunto1: = -5596471.1346202
rduepunti0 : = 2.3016780072932E+27
fil : = 504.0602859939
fipunto1 : = 1.3776492535392E+20
fi_gradi : = 28880.527007608
t1 : = 1.0812466124194E-14
tpunto1 : = 1.0186799517552
tduepunti0 : = 4.0709223711887E+17
v=v_elettrone : = 40205263.326964
x0= : 5.2400264354057E-14
y0= : 2.85665272813E-13
```

```
*****
i=59841
k(59841)=0.99984230611145
kQ(59841)=0.99968463709026
r1= : 2.8908711329072E-13
rpunto1: = -5323844.3092802
rduepunti0 : = 2.3246066066657E+27
fil : = 504.07644288433
fipunto1 : = 1.3838907452985E+20
fi_gradi : = 28881.45272924
t1 : = 1.0812466243664E-14
tpunto1 : = 1.0187257197792
tduepunti0 : = 3.9025011928803E+17
v=v_elettrone : = 40261674.861673
x0= : 4.7686755305743E-14
y0= : 2.8579231278406E-13
*****
i=59842
k(59842)=0.99985819001173
kQ(59842)=0.99971640013353
r1= : 2.8846273978662E-13
rpunto1: = -5048624.2669313
rduepunti0 : = 2.3467181849519E+27
fil : = 504.09267297417
fipunto1 : = 1.3898686299859E+20
fi_gradi : = 28882.382644888
t1 : = 1.0812466363138E-14
tpunto1 : = 1.0187694608418
tduepunti0 : = 3.7296683067917E+17
v=v_elettrone : = 40315894.237038
x0= : 4.2965667291667E-14
y0= : 2.858763902545E-13
*****
i=59843
k(59843)=0.99987336312785
kQ(59843)=0.9997467422926
r1= : 2.8787064372947E-13
rpunto1: = -4770911.6592899
rduepunti0 : = 2.3679715364494E+27
fil : = 504.10897317185
fipunto1 : = 1.3955742939921E+20
fi_gradi : = 28883.316577421
t1 : = 1.0812466482618E-14
tpunto1 : = 1.018811124681
tduepunti0 : = 3.5525497467595E+17
v=v_elettrone : = 40367868.386081
x0= : 3.8237647853932E-14
y0= : 2.8591718124625E-13
*****
i=59844
k(59844)=0.99988779711699
kQ(59844)=0.99977560682347
r1= : 2.8731111744407E-13
rpunto1: = -4490811.8784019
rduepunti0 : = 2.3883262417989E+27
fil : = 504.12534028481
fipunto1 : = 1.4009993730526E+20
fi_gradi : = 28884.254343916
t1 : = 1.0812466602103E-14
tpunto1 : = 1.0188506626588
tduepunti0 : = 3.3712839615545E+17
v=v_elettrone : = 40417545.450622
x0= : 3.3503357825926E-14
y0= : 2.8591437972863E-13
```

```
*****
i=59845
k(59845)=0.99990146453756
kQ(59845)=0.99980293878435
r1= : 2.8678444089497E-13
rpunto1: = -4208434.945968
rduepunti0 : = 2.4077428253333E+27
fil : = 504.1417710224
fipunto1 : = 1.4061357807326E+20
fi_gradi : = 28885.195755834
t1 : = 1.0812466721593E-14
tpunto1 : = 1.018888027905
tduepunti0 : = 3.1860217043724E+17
v=v_elettrone : = 40464874.915925
x0= : 2.8763470776036E-14
y0= : 2.8586769834292E-13
*****
i=59846
k(59846)=0.99991433895523
kQ(59846)=0.99982868524828
r1= : 2.8629088114354E-13
rpunto1: = -3923895.3841095
rduepunti0 : = 2.4261829133252E+27
fil : = 504.1582619991
fipunto1 : = 1.4109757366539E+20
fi_gradi : = 28886.140619199
t1 : = 1.0812466841087E-14
tpunto1 : = 1.0189231754599
tduepunti0 : = 2.9969258576169E+17
v=v_elettrone : = 40509807.742884
x0= : 2.401867240831E-14
y0= : 2.8577686910452E-13
*****
i=59847
k(59847)=0.99992639504766
kQ(59847)=0.99985279551302
r1= : 2.8583069182012E-13
rpunto1: = -3637312.0675882
rduepunti0 : = 2.4436093921233E+27
fil : = 504.17480973817
fipunto1 : = 1.4155117942958E+20
fi_gradi : = 28887.088734808
t1 : = 1.0812466960585E-14
tpunto1 : = 1.0189560624132
tduepunti0 : = 2.8041711916592E+17
v=v_elettrone : = 40552296.501815
x0= : 1.9269659921105E-14
y0= : 2.8564164407955E-13
*****
i=59848
k(59848)=0.99993760870706
kQ(59848)=0.99987522130679
r1= : 2.8540411261359E-13
rpunto1: = -3348808.0576169
rduepunti0 : = 2.4599865651249E+27
fil : = 504.19141067553
fipunto1 : = 1.4197368681966E+20
fi_gradi : = 28888.039898455
t1 : = 1.0812467080086E-14
tpunto1 : = 1.0189866480403
tduepunti0 : = 2.6079440567909E+17
v=v_elettrone : = 40592295.504019
x0= : 1.4517141324493E-14
y0= : 2.8546179603256E-13
```

```
*****
i=59849
k(59849)=0.99994795714004
kQ(59849)=0.99989591698855
r1= : 2.8501136878038E-13
rpunto1: = -3058510.4175238
rduepunti0 : = 2.4752803074977E+27
fil : = 504.20806116401
fipunto1 : = 1.4236442603829E+20
fi_gradi : = 28888.993901172
t1 : = 1.0812467199592E-14
tpunto1 : = 1.0190148939335
tduepunti0 : = 2.4084420081473E+17
v=v_elettrone : = 40629760.93274
x0= : 9.7618347177751E-15
y0= : 2.8523711904255E-13
*****
i=59850
k(59850)=0.99995741896411
kQ(59850)=0.99991483974136
r1= : 2.8465267067507E-13
rpunto1: = -2766550.0106666
rduepunti0 : = 2.4894582175422E+27
fil : = 504.22475747787
fipunto1 : = 1.4272276858513E+20
fi_gradi : = 28889.95052949
t1 : = 1.0812467319101E-14
tpunto1 : = 1.0190407641281
tduepunti0 : = 2.2058733639682E+17
v=v_elettrone : = 40664650.971032
x0= : 5.0044675284613E-15
y0= : 2.8496742908413E-13
*****
i=59851
k(59851)=0.99996597429987
kQ(59851)=0.99993194975749
r1= : 2.8432821330478E-13
rpunto1: = -2473061.2811189
rduepunti0 : = 2.5024897635718E+27
fil : = 504.24149581768
fipunto1 : = 1.4304812969321E+20
fi_gradi : = 28890.909565717
t1 : = 1.0812467438612E-14
tpunto1 : = 1.0190642252229
tduepunti0 : = 2.0004566981771E+17
v=v_elettrone : = 40696925.926942
x0= : 2.4577571452274E-16
y0= : 2.8465256457082E-13
*****
i=59852
k(59852)=0.99997360485854
kQ(59852)=0.99994721041379
r1= : 2.840381759092E-13
rpunto1: = -2178182.0177896
rduepunti0 : = 2.5143464251889E+27
fil : = 504.25827231542
fipunto1 : = 1.4333997063644E+20
fi_gradi : = 28891.870788232
t1 : = 1.0812467558127E-14
tpunto1 : = 1.0190852464936
tduepunti0 : = 1.7924202688818E+17
v=v_elettrone : = 40726548.354699
x0= : -4.5134970681725E-15
y0= : 2.842923868578E-13
```

```
*****
i=59853
k(59853)=0.99998029402395
kQ(59853)=0.99996058843623
r1= : 2.8378272156832E-13
rpunto1: = -1882053.1027592
rduepunti0 : = 2.5250018278492E+27
fil : = 504.27508303987
fipunto1 : = 1.4359780089186E+20
fi_gradi : = 28892.833971794
t1 : = 1.0812467677644E-14
tpunto1 : = 1.0191037999991
tduepunti0 : = 1.5820013850284E+17
v=v_elettrone : = 40753483.171764
x0= : -9.2726003310049E-15
y0= : 2.8388678070127E-13
*****
i=59854
k(59854)=0.99998602692841
kQ(59854)=0.99997205405207
r1= : 2.8356199683964E-13
rpunto1: = -1584818.2447509
rduepunti0 : = 2.5344318696296E+27
fil : = 504.29192400233
fipunto1 : = 1.4382118014106E+20
fi_gradi : = 28893.798887865
t1 : = 1.0812467797163E-14
tpunto1 : = 1.0191198606795
tduepunti0 : = 1.369445714066E+17
v=v_elettrone : = 40777697.771423
x0= : -1.4030777647941E-14
y0= : 2.8343565467195E-13
*****
i=59855
k(59855)=0.99999079052192
kQ(59855)=0.99998158112866
r1= : 2.8337613142673E-13
rpunto1: = -1286623.698769
rduepunti0 : = 2.5426148391547E+27
fil : = 504.30879116241
fipunto1 : = 1.4400972009585E+20
fi_gradi : = 28894.76530495
t1 : = 1.0812467916684E-14
tpunto1 : = 1.0191334064452
tduepunti0 : = 1.1550065340935E+17
v=v_elettrone : = 40799162.12798
x0= : -1.8787267578493E-14
y0= : 2.8293894152029E-13
*****
i=59856
k(59856)=0.99999457363412
kQ(59856)=0.99998914729768
r1= : 2.8322523788053E-13
rpunto1: = -987617.97306279
rduepunti0 : = 2.5495315236889E+27
fil : = 504.32568043421
fipunto1 : = 1.4416308613443E+20
fi_gradi : = 28895.732988944
t1 : = 1.0812468036207E-14
tpunto1 : = 1.019144418257
tduepunti0 : = 9.3894393454664E+16
v=v_elettrone : = 40817848.897117
x0= : -2.3541304615263E-14
y0= : 2.8239659849119E-13
```

```
*****
i=59857
k(59857)=0.99999736702842
kQ(59857)=0.99999473406376
r1= : 2.8310941133514E-13
rpunto1: = -687951.52467414
rduepunti0 : = 2.5551653064644E+27
fil : = 504.34258769258
fipunto1 : = 1.4428099873548E+20
fi_gradi : = 28896.701703491
t1 : = 1.0812468155731E-14
tpunto1 : = 1.0191528801958
tduepunti0 : = 7.2152397004622E+16
v=v_elettrone : = 40833733.508521
x0= : -2.8292120153212E-14
y0= : 2.8180860758628E-13
*****
i=59858
k(59858)=0.99999916344797
kQ(59858)=0.99999832689664
r1= : 2.8302872927925E-13
rpunto1: = -387776.44493396
rduepunti0 : = 2.5595022523929E+27
fil : = 504.35950877958
fipunto1 : = 1.4436323469894E+20
fi_gradi : = 28897.671210361
t1 : = 1.0812468275255E-14
tpunto1 : = 1.0191587795225
tduepunti0 : = 5.0301777254525E+16
v=v_elettrone : = 40846794.250989
x0= : -3.3038943477374E-14
y0= : 2.8117497577208E-13
*****
i=59859
k(59859)=0.99999995765303
kQ(59859)=0.99999991530606
r1= : 2.8298325136448E-13
rpunto1: = -87246.136358374
rduepunti0 : = 2.5625311813936E+27
fil : = 504.37643951111
fipunto1 : = 1.4440962814387E+20
fi_gradi : = 28898.641269822
t1 : = 1.0812468394781E-14
tpunto1 : = 1.0191621067264
tduepunti0 : = 2.8370062738549E+16
v=v_elettrone : = 40857012.349318
x0= : -3.778100276564E-14
y0= : 2.8049573513237E-13
*****
i=59860
k(59860)=0.99999974644932
kQ(59860)=0.9999994928987
r1= : 2.8297301925161E-13
rpunto1: = 213485.01752448
rduepunti0 : = 2.5642437286736E+27
fil : = 504.3933756836
fipunto1 : = 1.444200712751E+20
fi_gradi : = 28899.611641027
t1 : = 1.0812468514307E-14
tpunto1 : = 1.0191628555628
tduepunti0 : = 6.3851019288111E+15
v=v_elettrone : = 40864372.032072
x0= : -4.2517526103141E-14
y0= : 2.7977094296385E-13
```

```

*****
i=59861
k(59861)=0.99999852870726
kQ(59861)=0.99999705741668
r1= : 2.8299805649551E-13
rpunto1: = 514261.98782121
rduepunti0 : = 2.5646343913982E+27
fil : = 504.41031308085
fipunto1 : = 1.4439451491246E+20
fi_gradi : = 28900.582082406
t1 : = 1.0812468633833E-14
tpunto1 : = 1.0191610230792
tduepunti0 : = -1.5625034534453E+16
v=v_elettrone : = 40868860.591064
x0= : -4.7247742504534E-14
y0= : 2.7900068181386E-13
*****
i=59862
k(59862)=0.99999630537179
kQ(59862)=0.99999261075723
r1= : 2.8305836846948E-13
rpunto1: = 814929.43974519
rduepunti0 : = 2.5637005613082E+27
fil : = 504.42724748089
fipunto1 : = 1.4433296877797E+20
fi_gradi : = 28901.552352056
t1 : = 1.0812468753359E-14
tpunto1 : = 1.0191566096294
tduepunti0 : = -3.7632153315626E+16
v=v_elettrone : = 40870468.430382
x0= : -5.1970882940639E-14
y0= : 2.7818505945972E-13
*****
i=59863
k(59863)=0.99999307946274
kQ(59863)=0.99998615897337
r1= : 2.8315394232933E-13
rpunto1: = 1115332.074228
rduepunti0 : = 2.5614425429616E+27
fil : = 504.44417466287
fipunto1 : = 1.4423550153823E+20
fi_gradi : = 28902.522208143
t1 : = 1.0812468872884E-14
tpunto1 : = 1.0191496188765
tduepunti0 : = -5.9608038872489E+16
v=v_elettrone : = 40869189.105212
x0= : -5.6686181365539E-14
y0= : 2.773242088293E-13
*****
i=59864
k(59864)=0.99998885606563
kQ(59864)=0.99997771225544
r1= : 2.8328474701762E-13
rpunto1: = 1415314.9699611
rduepunti0 : = 2.5578635574044E+27
fil : = 504.46109041402
fipunto1 : = 1.4410224060133E+20
fi_gradi : = 28903.491409291
t1 : = 1.0812468992409E-14
tpunto1 : = 1.0191400577833
tduepunti0 : = -8.1524554261093E+16
v=v_elettrone : = 40865019.351876
x0= : -6.1392875740342E-14
y0= : 2.7641828786274E-13

```



```
*****
i=59865
k(59865)=0.99998364231307
kQ(59865)=0.99996728489371
r1= : 2.8345073330795E-13
rpunto1: = 1714723.924152
rduepunti0 : = 2.5529697312033E+27
fil : = 504.47799053651
fipunto1 : = 1.439333716693E+20
fi_gradi : = 28904.459714983
t1 : = 1.0812469111932E-14
tpunto1 : = 1.0191279365915
tduepunti0 : = -1.0335374155169E+17
v=v_elettrone : = 40857959.105382
x0= : -6.6090209049965E-14
y0= : 2.7546747931575E-13
*****
i=59866
k(59866)=0.99997744735679
kQ(59866)=0.99995489522221
r1= : 2.836518338892E-13
rpunto1: = 2013405.7902844
rduepunti0 : = 2.5467700709074E+27
fil : = 504.49487085426
fipunto1 : = 1.4372913804911E+20
fi_gradi : = 28905.426885947
t1 : = 1.0812469231454E-14
tpunto1 : = 1.0191132687892
tduepunti0 : = -1.2506792115376E+17
v=v_elettrone : = 40848011.507858
x0= : -7.0777430308941E-14
y0= : 2.7447199050482E-13
*****
i=59867
k(59867)=0.99997028233055
kQ(59867)=0.99994056554425
r1= : 2.8388796348943E-13
rpunto1: = 2311208.8111973
rduepunti0 : = 2.5392764231324E+27
fil : = 504.51172721977
fipunto1 : = 1.4348983972734E+20
fi_gradi : = 28906.392684548
t1 : = 1.0812469350975E-14
tpunto1 : = 1.0190960710663
tduepunti0 : = -1.4663978935929E+17
v=v_elettrone : = 40835182.905262
x0= : -7.5453795552677E-14
y0= : 2.7343205299563E-13
*****
i=59868
k(59868)=0.99996216030418
kQ(59868)=0.99992432204021
r1= : 2.8415901903883E-13
rpunto1: = 2607982.9458358
rduepunti0 : = 2.5305034205925E+27
fil : = 504.52855552068
fipunto1 : = 1.4321583221492E+20
fi_gradi : = 28907.356875167
t1 : = 1.0812469470493E-14
tpunto1 : = 1.0190763632599
tduepunti0 : = -1.6804251343266E+17
v=v_elettrone : = 40819482.833724
x0= : -8.0118568810422E-14
y0= : 2.7234792223541E-13
```

```
*****
i=59869
k(59869)=0.99995309622915
kQ(59869)=0.99990619465826
r1= : 2.8446487987095E-13
rpunto1: = 2903580.1880754
rduerpunti0 : = 2.5204684145275E+27
fil : = 504.54535168634
fipunto1 : = 1.4290752517078E+20
fi_gradi : = 28908.319224571
t1 : = 1.0812469590009E-14
tpunto1 : = 1.0190541682879
tduerpunti0 : = -1.89249823602E+17
v=v_elettrone : = 40800923.995446
x0= : -8.4771023056397E-14
y0= : 2.7121987713123E-13
*****
i=59870
k(59870)=0.999943106876
kQ(59870)=0.99988621698883
r1= : 2.8480540796139E-13
rpunto1: = 3197854.8760934
rduerpunti0 : = 2.5091913940896E+27
fil : = 504.56211169416
fipunto1 : = 1.4256538081413E+20
fi_gradi : = 28909.279502284
t1 : = 1.0812469709522E-14
tpunto1 : = 1.0190295120726
tduerpunti0 : = -2.1023610134112E+17
v=v_elettrone : = 40779522.223409
x0= : -8.9410441135721E-14
y0= : 2.7004821957552E-13
*****
i=59871
k(59871)=0.99993221076425
kQ(59871)=0.99986442612388
r1= : 2.8518044820272E-13
rpunto1: = 3490663.9908355
rduerpunti0 : = 2.4966948933679E+27
fil : = 504.57883157574
fipunto1 : = 1.421899121374E+20
fi_gradi : = 28910.237480932
t1 : = 1.0812469829033E-14
tpunto1 : = 1.0190024234548
tduerpunti0 : = -2.3097646337108E+17
v=v_elettrone : = 40755296.435799
x0= : -9.4036116661766E-14
y0= : 2.6883327392127E-13
*****
i=59872
k(59872)=0.99992042808513
kQ(59872)=0.99984086250194
r1= : 2.8558982871443E-13
rpunto1: = 3781867.4422202
rduerpunti0 : = 2.4830038868276E+27
fil : = 504.59550742284
fipunto1 : = 1.4178168093251E+20
fi_gradi : = 28911.192936591
t1 : = 1.081246994854E-14
tpunto1 : = 1.0189729340979
tduerpunti0 : = -2.514468408577E+17
v=v_elettrone : = 40728268.581252
x0= : -9.8647354881856E-14
y0= : 2.6757538640898E-13
```

```
*****
i=59873
k(59873)=0.99990778061788
kQ(59873)=0.99981556974018
r1= : 2.860333611864E-13
rpunto1: = 4071328.3418232
rduepunti0 : = 2.4681456740334E+27
fil : = 504.61213539312
fipunto1 : = 1.4134129564493E+20
fi_gradi : = 28912.14564911
t1 : = 1.0812470068044E-14
tpunto1 : = 1.0189410783838
tduepunti0 : = -2.7162405333224E+17
v=v_elettrone : = 40698463.572661
x0= : -1.032434735085E-13
y0= : 2.6627492454799E-13
*****
i=59874
k(59874)=0.99989429164019
kQ(59874)=0.99978859445465
r1= : 2.8651084125446E-13
rpunto1: = 4358913.2608971
rduepunti0 : = 2.4521497546071E+27
fil : = 504.62871171558
fipunto1 : = 1.4086940907069E+20
fi_gradi : = 28913.095402427
t1 : = 1.0812470187544E-14
tpunto1 : = 1.018906893301
tduepunti0 : = -2.9148587691927E+17
v=v_elettrone : = 40665909.213485
x0= : -1.0782380351327E-13
y0= : 2.649322764548E-13
*****
i=59875
k(59875)=0.99987998583339
kQ(59875)=0.99975998607018
r1= : 2.8702204890604E-13
rpunto1: = 4644492.472701
rduepunti0 : = 2.4350476944367E+27
fil : = 504.64523269581
fipunto1 : = 1.4036671591273E+20
fi_gradi : = 28914.041984867
t1 : = 1.081247030704E-14
tpunto1 : = 1.0188704183249
tduepunti0 : = -3.1101110651472E+17
v=v_elettrone : = 40630636.113503
x0= : -1.123876898811E-13
y0= : 2.6354785015159E-13
*****
i=59876
k(59876)=0.99986488918313
kQ(59876)=0.9997297966212
r1= : 2.8756674891443E-13
rpunto1: = 4927940.1782378
rduepunti0 : = 2.4168729842095E+27
fil : = 504.66169472084
fipunto1 : = 1.3983395021318E+20
fi_gradi : = 28914.985189424
t1 : = 1.0812470426532E-14
tpunto1 : = 1.0188316952914
tduepunti0 : = -3.3017961161991E+17
v=v_elettrone : = 40592677.597628
x0= : -1.1693449232256E-13
y0= : 2.621220728277E-13
```

```
*****
i=59877
k(59877)=0.9998490288763
kQ(59877)=0.99969808054488
r1= : 2.8814469129935E-13
rpunto1: = 5209134.7146319
rduepunti0 : = 2.3976608913846E+27
fil : = 504.6780942638
fipunto1 : = 1.3927188267941E+20
fi_gradi : = 28915.924814022
t1 : = 1.0812470546019E-14
tpunto1 : = 1.018790768266
tduepunti0 : = -3.4897238560067E+17
v=v_elettrone : = 40552069.605766
x0= : -1.214635859423E-13
y0= : 2.6065539006752E-13
*****
i=59878
k(59878)=0.99983243319477
kQ(59878)=0.99966489446817
r1= : 2.8875561181207E-13
rpunto1: = 5487958.7455109
rduepunti0 : = 2.3774483067469E+27
fil : = 504.69442788822
fipunto1 : = 1.3868131792119E+20
fi_gradi : = 28916.860661765
t1 : = 1.0812470665501E-14
tpunto1 : = 1.0187476834062
tduepunti0 : = -3.6737158820554E+17
v=v_elettrone : = 40508850.586392
x0= : -1.2597436186193E-13
y0= : 2.5914826504817E-13
*****
i=59879
k(59879)=0.99981513140684
kQ(59879)=0.99963029699008
r1= : 2.893992324428E-13
rpunto1: = 5764299.4328912
rduepunti0 : = 2.3562735867015E+27
fil : = 504.71069225198
fipunto1 : = 1.3806309161729E+20
fi_gradi : = 28917.792541165
t1 : = 1.0812470784979E-14
tpunto1 : = 1.0187024888208
tduepunti0 : = -3.853605812414E+17
v=v_elettrone : = 40463061.382454
x0= : -1.3046622779585E-13
y0= : 2.576011777102E-13
*****
i=59880
k(59880)=0.99979715365702
kQ(59880)=0.99959434846067
r1= : 2.9007526194826E-13
rpunto1: = 6038048.5902055
rduepunti0 : = 2.334176392467E+27
fil : = 504.72688411096
fipunto1 : = 1.3741806762907E+20
fi_gradi : = 28918.720266347
t1 : = 1.0812470904451E-14
tpunto1 : = 1.0186552344256
tduepunti0 : = -4.0292395736792E+17
v=v_elettrone : = 40414745.1128
x0= : -1.3493860857891E-13
y0= : 2.560146239051E-13
```

```
*****
i=59881
k(59881)=0.99977853085481
kQ(59881)=0.9995571107582
r1= : 2.907833963972E-13
rpunto1: = 6309102.8162409
rduepunti0 : = 2.3111975273193E+27
fil : = 504.74300032237
fipunto1 : = 1.3674713507908E+20
fi_gradi : = 28919.643657242
t1 : = 1.0812471023917E-14
tpunto1 : = 1.0186059717963
tduepunti0 : = -4.2004756203406E+17
v=v_elettrone : = 40363947.047591
x0= : -1.3939094664509E-13
y0= : 2.5438911452289E-13
*****
i=59882
k(59882)=0.99975929456335
kQ(59882)=0.9995186470658
r1= : 2.9152331973158E-13
rpunto1: = 6577363.609894
rduepunti0 : = 2.287378773008E+27
fil : = 504.75903784769
fipunto1 : = 1.3605120541178E+20
fi_gradi : = 28920.562539757
t1 : = 1.0812471143378E-14
tpunto1 : = 1.0185547540203
tduepunti0 : = -4.3671850863815E+17
v=v_elettrone : = 40310714.479048
x0= : -1.4382270245662E-13
y0= : 2.5272517460348E-13
*****
i=59883
k(59883)=0.99973947688839
kQ(59883)=0.99947902164907
r1= : 2.9229470434132E-13
rpunto1: = 6842737.4657708
rduepunti0 : = 2.2627627264417E+27
fil : = 504.77499375529
fipunto1 : = 1.353312094534E+20
fi_gradi : = 28921.476745921
t1 : = 1.0812471262833E-14
tpunto1 : = 1.0185016355462
tduepunti0 : = -4.5292518704891E+17
v=v_elettrone : = 40255096.588973
x0= : -1.4823335488298E-13
y0= : 2.5102334243544E-13
*****
i=59884
k(59884)=0.99971911036838
kQ(59884)=0.99943829963574
r1= : 2.9309721165011E-13
rpunto1: = 7105135.9507885
rduepunti0 : = 2.2373926376857E+27
fil : = 504.7908652227
fipunto1 : = 1.3458809448702E+20
fi_gradi : = 28922.386114018
t1 : = 1.0812471382281E-14
tpunto1 : = 1.0184466720344
tduepunti0 : = -4.6865726567601E+17
v=v_elettrone : = 40197144.313395
x0= : -1.5262240152999E-13
y0= : 2.4928416864533E-13
```

```
*****
i=59885
k(59885)=0.99969822786623
kQ(59885)=0.99939654679887
r1= : 2.9393049271037E-13
rpunto1: = 7364475.7620483
rduepunti0 : = 2.211312250268E+27
fil : = 504.80664953856
fipunto1 : = 1.3382282135842E+20
fi_gradi : = 28923.290488699
t1 : = 1.0812471501724E-14
tpunto1 : = 1.0183899202077
tduepunti0 : = -4.8390568732609E+17
v=v_elettrone : = 40136910.204306
x0= : -1.5698935901916E-13
y0= : 2.4750821528148E-13
*****
i=59886
k(59886)=0.99967686246328
kQ(59886)=0.99935382934442
r1= : 2.9479418880481E-13
rpunto1: = 7620678.766359
rduepunti0 : = 2.1845656447249E+27
fil : = 504.82234410419
fipunto1 : = 1.3303636162715E+20
fi_gradi : = 28924.189721071
t1 : = 1.0812471621159E-14
tpunto1 : = 1.0183314377027
tduepunti0 : = -4.9866265912232E+17
v=v_elettrone : = 40074448.290053
x0= : -1.6133376321752E-13
y0= : 2.4569605489513E-13
*****
i=59887
k(59887)=0.99965504735609
kQ(59887)=0.9993102137045
r1= : 2.9568793205283E-13
rpunto1: = 7873672.0218931
rduepunti0 : = 2.1571970862484E+27
fil : = 504.83794643484
fipunto1 : = 1.3222969477644E+20
fi_gradi : = 28925.083668768
t1 : = 1.0812471740588E-14
tpunto1 : = 1.0182712829233
tduepunti0 : = -5.1292163680286E+17
v=v_elettrone : = 40009813.935524
x0= : -1.6565516941882E-13
y0= : 2.4384826962254E-13
*****
i=59888
k(59888)=0.99963281575642
kQ(59888)=0.9992657663371
r1= : 2.9661134601928E-13
rpunto1: = 8123387.7825496
rduepunti0 : = 2.1292508772261E+27
fil : = 504.85345416067
fipunto1 : = 1.3140380549453E+20
fi_gradi : = 28925.972196008
t1 : = 1.0812471860009E-14
tpunto1 : = 1.0182095148973
tduepunti0 : = -5.2667730374555E+17
v=v_elettrone : = 39943063.700819
x0= : -1.6995315247696E-13
y0= : 2.4196545027095E-13
```

```
*****
i=59889
k(59889)=0.99961020079494
kQ(59889)=0.9992205535333
r1= : 2.9756404632385E-13
rpunto1: = 8369763.4856785
rduepunti0 : = 2.1007712153827E+27
fil : = 504.86886502727
fipunto1 : = 1.3055968103877E+20
fi_gradi : = 28926.855173623
t1 : = 1.0812471979423E-14
tpunto1 : = 1.0181461931349
tduepunti0 : = -5.3992554509237E+17
v=v_elettrone : = 39874255.201903
x0= : -1.7422730689261E-13
y0= : 2.400481954115E-13
*****
i=59890
k(59890)=0.99958723542899
kQ(59890)=0.99917464123257
r1= : 2.9854564124894E-13
rpunto1: = 8612741.7239006
rduepunti0 : = 2.0718020581524E+27
fil : = 504.88417689607
fipunto1 : = 1.2969830869279E+20
fi_gradi : = 28927.732479081
t1 : = 1.081247209883E-14
tpunto1 : = 1.0180813774915
tduepunti0 : = -5.5266341736868E+17
v=v_elettrone : = 39803446.971257
x0= : -1.7847724685451E-13
y0= : 2.3809711048195E-13
*****
i=59891
k(59891)=0.99956395235474
kQ(59891)=0.99912809484703
r1= : 2.9955573234432E-13
rpunto1: = 8852270.2018144
rduepunti0 : = 2.042386993828E+27
fil : = 504.89938774424
fipunto1 : = 1.288206733259E+20
fi_gradi : = 28928.603996484
t1 : = 1.081247221823E-14
tpunto1 : = 1.0180151280343
tduepunti0 : = -5.648891140077E+17
v=v_elettrone : = 39730698.320761
x0= : -1.8270260623677E-13
y0= : 2.3611280690177E-13
*****
i=59892
k(59892)=0.99954038392405
kQ(59892)=0.99908097909504
r1= : 3.0059391502661E-13
rpunto1: = 9088301.6784416
rduepunti0 : = 2.0125691199477E+27
fil : = 504.91449566448
fipunto1 : = 1.2792775506243E+20
fi_gradi : = 28929.469616551
t1 : = 1.0812472337621E-14
tpunto1 : = 1.0179475049137
tduepunti0 : = -5.7660192720125E+17
v=v_elettrone : = 39656069.206448
x0= : -1.869030385538E-13
y0= : 2.3409590120227E-13
```

```
*****
i=59893
k(59893)=0.99951656206623
kQ(59893)=0.99903335784469
r1= : 3.0165977917206E-13
rpunto1: = 9320793.8963023
rduepunti0 : = 1.9823909292985E+27
fil : = 504.92949886444
fipunto1 : = 1.2702052706803E+20
fi_gradi : = 28930.329236588
t1 : = 1.0812472457005E-14
tpunto1 : = 1.017878568239
tduepunti0 : = -5.8780220650346E+17
v=v_elettrone : = 39579620.096399
x0= : -1.9107821687465E-13
y0= : 2.3204701417391E-13
*****
i=59894
k(59894)=0.99949251821495
kQ(59894)=0.99898529396767
r1= : 3.0275290970104E-13
rpunto1: = 9549709.4980493
rduepunti0 : = 1.9518942038307E+27
fil : = 504.94439566588
fipunto1 : = 1.2609995345809E+20
fi_gradi : = 28931.182760439
t1 : = 1.081247257638E-14
tpunto1 : = 1.0178083779596
tduepunti0 : = -5.9849131461483E+17
v=v_elettrone : = 39501411.841194
x0= : -1.9522783369864E-13
y0= : 2.2996677003314E-13
*****
i=59895
k(59895)=0.99946828324039
kQ(59895)=0.99893684920348
r1= : 3.0387288715266E-13
rpunto1: = 9775015.9316135
rduepunti0 : = 1.9211199167006E+27
fil : = 504.95918450365
fipunto1 : = 1.2516698733291E+20
fi_gradi : = 28932.030098427
t1 : = 1.0812472695747E-14
tpunto1 : = 1.017736993752
tduepunti0 : = -6.0867158077079E+17
v=v_elettrone : = 39421505.549536
x0= : -1.9935160079408E-13
y0= : 2.2785579561048E-13
*****
i=59896
k(59896)=0.99944388738666
kQ(59896)=0.99888808403455
r1= : 3.0501928824842E-13
rpunto1: = 9996685.3448309
rduepunti0 : = 1.8901081425801E+27
fil : = 504.97386392437
fipunto1 : = 1.2422256894287E+20
fi_gradi : = 28932.87116728
t1 : = 1.0812472815106E-14
tpunto1 : = 1.0176644749115
tduepunti0 : = -6.1834625215094E+17
v=v_elettrone : = 39339962.465734
x0= : -2.0344924900246E-13
y0= : 2.2571471956173E-13
```



```
*****
i=59897
k(59897)=0.99941936021475
kQ(59897)=0.99883905757206
r1= : 3.0619168644331E-13
rpunto1: = 10214694.470528
rduepunti0 : = 1.8588979763011E+27
fil : = 504.98843258494
fipunto1 : = 1.2326762398559E+20
fi_gradi : = 28933.705890044
t1 : = 1.0812472934456E-14
tpunto1 : = 1.0175908802511
tduepunti0 : = -6.2751944371465E+17
v=v_elettrone : = 39256843.85386
x0= : -2.0752052800983E-13
y0= : 2.2354417160394E-13
*****
i=59898
k(59898)=0.99939473055077
kQ(59898)=0.99878982745264
r1= : 3.073896524636E-13
rpunto1: = 10429024.503045
rduepunti0 : = 1.8275274598313E+27
fil : = 505.00288925081
fipunto1 : = 1.2230306203649E+20
fi_gradi : = 28934.534195984
t1 : = 1.0812473053798E-14
tpunto1 : = 1.0175162680053
tduepunti0 : = -6.3619608685372E+17
v=v_elettrone : = 39172210.884363
x0= : -2.1156520608785E-13
y0= : 2.2134478177721E-13
*****
i=59899
k(59899)=0.99937002643958
kQ(59899)=0.99874044974584
r1= : 3.0861275483004E-13
rpunto1: = 10639660.96716
rduepunti0 : = 1.7960335175182E+27
fil : = 505.01723279411
fipunto1 : = 1.2132977511287E+20
fi_gradi : = 28935.356020479
t1 : = 1.0812473173131E-14
tpunto1 : = 1.0174406957408
tduepunti0 : = -6.443818772363E+17
v=v_elettrone : = 39086124.527623
x0= : -2.155830698064E-13
y0= : 2.191171797339E-13
*****
i=59900
k(59900)=0.99934527510376
kQ(59900)=0.99869097887221
r1= : 3.0986056036576E-13
rpunto1: = 10846593.580377
rduepunti0 : = 1.7644518994776E+27
fil : = 505.0314621916
fipunto1 : = 1.2034863637078E+20
fi_gradi : = 28936.1713049
t1 : = 1.0812473292455E-14
tpunto1 : = 1.0173642202725
tduepunti0 : = -6.5208322219651E+17
v=v_elettrone : = 38998645.45145
x0= : -2.1957392372022E-13
y0= : 2.1686199405588E-13
```

```
*****
i=59901
k(59901)=0.99932050290779
kQ(59901)=0.99864146753188
r1= : 3.1113263468797E-13
rpunto1 : = 11049816.109512
rduepunti0 : = 1.7328171329509E+27
fil : = 505.04557652242
fipunto1 : = 1.1936049893335E+20
fi_gradi : = 28936.979996486
t1 : = 1.081247341177E-14
tpunto1 : = 1.017286897587
tduepunti0 : = -6.5930718800296E+17
v=v_elettrone : = 38909833.924319
x0= : -2.2353759003159E-13
y0= : 2.1457985160086E-13
*****
i=59902
k(59902)=0.99929573532727
kQ(59902)=0.99859196664327
r1= : 3.1242854268284E-13
rpunto1 : = 11249326.222477
rduepunti0 : = 1.701162481409E+27
fil : = 505.05957496577
fipunto1 : = 1.1836619484824E+20
fi_gradi : = 28937.78204821
t1 : = 1.0812473531077E-14
tpunto1 : = 1.0172087827708
tduepunti0 : = -6.6606144731674E+17
v=v_elettrone : = 38819749.723899
x0= : -2.274739082314E-13
y0= : 2.122713768783E-13
*****
i=59903
k(59903)=0.9992709969231
kQ(59903)=0.99854252529169
r1= : 3.1374784896308E-13
rpunto1 : = 11445125.336147
rduepunti0 : = 1.6695199111391E+27
fil : = 505.07345679844
fipunto1 : = 1.1736653417134E+20
fi_gradi : = 28938.577418634
t1 : = 1.0812473650373E-14
tpunto1 : = 1.0171299299456
tduepunti0 : = -6.7235422712517E+17
v=v_elettrone : = 38728452.051202
x0= : -2.313827347205E-13
y0= : 2.0993719145541E-13
*****
i=59904
k(59904)=0.99924631132044
kQ(59904)=0.99849319068751
r1= : 3.1509011830752E-13
rpunto1 : = 11637218.461153
rduepunti0 : = 1.6379200650157E+27
fil : = 505.08722139221
fipunto1 : = 1.1636230417326E+20
fi_gradi : = 28939.366071763
t1 : = 1.0812473769661E-14
tpunto1 : = 1.0170503922092
tduepunti0 : = -6.7819425741342E+17
v=v_elettrone : = 38635999.450243
x0= : -2.3526394241384E-13
y0= : 2.0757791339364E-13
```

```
*****
i=59905
k(59905)=0.99922170119218
kQ(59905)=0.9984440081334
r1= : 3.1645491608266E-13
rpunto1: = 11825614.044405
rduepunti0 : = 1.6063922431262E+27
fil : = 505.10086821119
fipunto1 : = 1.1535426866457E+20
fi_gradi : = 28940.147976895
t1 : = 1.0812473888939E-14
tpunto1 : = 1.0169702215827
tduepunti0 : = -6.8359072081057E+17
v=v_elettrone : = 38542449.733854
x0= : -2.3911742032904E-13
y0= : 2.0519415671562E-13
*****
i=59906
k(59906)=0.99919718824684
kQ(59906)=0.99839502100039
r1= : 3.1784180864563E-13
rpunto1: = 12010323.810097
rduepunti0 : = 1.5749643898989E+27
fil : = 505.11439680909
fipunto1 : = 1.1434316743537E+20
fi_gradi : = 28940.923108457
t1 : = 1.0812474008208E-14
tpunto1 : = 1.0168894689627
tduepunti0 : = -6.8855320342215E+17
v=v_elettrone : = 38447859.914062
x0= : -2.4294307316186E-13
y0= : 2.027865309027E-13
*****
i=59907
k(59907)=0.99917279322052
kQ(59907)=0.9983462707121
r1= : 3.1925036372857E-13
rpunto1: = 12191362.599927
rduepunti0 : = 1.5436630873598E+27
fil : = 505.12780682636
fipunto1 : = 1.1332971580434E+20
fi_gradi : = 28941.69144585
t1 : = 1.0812474127468E-14
tpunto1 : = 1.01680818408
tduepunti0 : = -6.9309164703572E+17
v=v_elettrone : = 38352286.138911
x0= : -2.4674082085016E-13
y0= : 2.0035564042302E-13
*****
i=59908
k(59908)=0.99914853587284
kQ(59908)=0.99829779673684
r1= : 3.2068015080422E-13
rpunto1: = 12368748.213202
rduepunti0 : = 1.5125135541324E+27
fil : = 505.14109798734
fipunto1 : = 1.1231460427212E+20
fi_gradi : = 28942.452973279
t1 : = 1.0812474246718E-14
tpunto1 : = 1.016726415463
tduepunti0 : = -6.9721630286227E+17
v=v_elettrone : = 38255783.634048
x0= : -2.5051059812836E-13
y0= : 1.9790208428967E-13
```

```
*****
i=59909
k(59909)=0.99912443498646
kQ(59909)=0.99824963658702
r1= : 3.2213074143282E-13
rpunto1: = 12542501.247448
rduepunti0 : = 1.4815396497843E+27
fil : = 505.15427009738
fipunto1 : = 1.1129849827365E+20
fi_gradi : = 28943.207679591
t1 : = 1.0812474365958E-14
tpunto1 : = 1.016644210407
tduepunti0 : = -7.0093768695205E+17
v=v_elettrone : = 38158406.650662
x0= : -2.5425235407431E-13
y0= : 1.954264556489E-13
*****
i=59910
k(59910)=0.9991005083701
kQ(59910)=0.9982018258254
r1= : 3.2360170959023E-13
rpunto1: = 12712644.94011
rduepunti0 : = 1.4507638841179E+27
fil : = 505.16732303982
fipunto1 : = 1.10282038024E+20
fi_gradi : = 28943.955558104
t1 : = 1.0812474485189E-14
tpunto1 : = 1.0165616149477
tduepunti0 : = -7.0426653740081E+17
v=v_elettrone : = 38060208.417495
x0= : -2.5796605165015E-13
y0= : 1.9292934139754E-13
*****
i=59911
k(59911)=0.99907677286466
kQ(59911)=0.99815439807767
r1= : 3.2509263197759E-13
rpunto1: = 12879205.011878
rduepunti0 : = 1.4202074310037E+27
fil : = 505.18025677314
fipunto1 : = 1.0926583845186E+20
fi_gradi : = 28944.696606436
t1 : = 1.081247460441E-14
tpunto1 : = 1.0164786738405
tduepunti0 : = -7.0721377344082E+17
v=v_elettrone : = 37961241.099173
x0= : -2.6165166723885E-13
y0= : 1.9041132182947E-13
*****
i=59912
k(59912)=0.99905324435231
kQ(59912)=0.99810738505087
r1= : 3.2660308831254E-13
rpunto1: = 13042209.512117
rduepunti0 : = 1.3898901463542E+27
fil : = 505.1930713279
fipunto1 : = 1.0825048921507E+20
fi_gradi : = 28945.43082634
t1 : = 1.0812474723621E-14
tpunto1 : = 1.0163954305432
tduepunti0 : = -7.0979045649009E+17
v=v_elettrone : = 37861555.75803
x0= : -2.6530919017804E-13
y0= : 1.8787297031024E-13
```

```
*****
i=59913
k(59913)=0.99902993776823
kQ(59913)=0.99806081655719
r1= : 3.2813266160228E-13
rpunto1: = 13201688.666846
rduepunti0 : = 1.3598305898434E+27
fil : = 505.20576680383
fipunto1 : = 1.0723655479234E+20
fi_gradi : = 28946.15822353
t1 : = 1.0812474842823E-14
tpunto1 : = 1.0163119272043
tduepunti0 : = -7.1200775321436E+17
v=v_elettrone : = 37761202.322626
x0= : -2.6893862229244E-13
y0= : 1.8531485297927E-13
*****
i=59914
k(59914)=0.99900686711482
kQ(59914)=0.99801472054257
r1= : 3.296809383989E-13
rpunto1: = 13357674.72966
rduepunti0 : = 1.3300460499854E+27
fil : = 505.21834336685
fipunto1 : = 1.0622457464551E+20
fi_gradi : = 28946.878807512
t1 : = 1.0812474962014E-14
tpunto1 : = 1.0162282046542
tduepunti0 : = -7.1387690063789E+17
v=v_elettrone : = 37660229.558904
x0= : -2.7253997742647E-13
y0= : 1.8273752847889E-13
*****
i=59915
k(59915)=0.9989840454781
kQ(59915)=0.99796912311979
r1= : 3.3124750903714E-13
rpunto1: = 13510201.835936
rduepunti0 : = 1.300552572194E+27
fil : = 505.23080124616
fipunto1 : = 1.0521506344654E+20
fi_gradi : = 28947.592591418
t1 : = 1.0812475081196E-14
tpunto1 : = 1.0161443024011
tduepunti0 : = -7.1540917332311E+17
v=v_elettrone : = 37558685.047198
x0= : -2.7611328097809E-13
y0= : 1.8014154770927E-13
*****
i=59916
k(59916)=0.99896148504604
kQ(59916)=0.99792404860539
r1= : 3.3283196785511E-13
rpunto1: = 13659305.860647
rduepunti0 : = 1.2713649894604E+27
fil : = 505.24314073132
fipunto1 : = 1.0420851136381E+20
fi_gradi : = 28948.299591839
t1 : = 1.0812475200368E-14
tpunto1 : = 1.0160602586303
tduepunti0 : = -7.1661585262348E+17
v=v_elettrone : = 37456615.163202
x0= : -2.7965856943526E-13
y0= : 1.7752745360855E-13
```

```
*****
i=59917
k(59917)=0.99893919712869
kQ(59917)=0.9978795195601
r1= : 3.3443391339826E-13
rpunto1: = 13805024.280033
rduepunti0 : = 1.2424969552996E+27
fil : = 505.25536216937
fipunto1 : = 1.0320538440209E+20
fi_gradi : = 28948.999828659
t1 : = 1.0812475319531E-14
tpunto1 : = 1.0159761102064
tduepunti0 : = -7.1750819800056E+17
v=v_elettrone : = 37354065.061883
x0= : -2.8317588991599E-13
y0= : 1.7489578095709E-13
*****
i=59918
k(59918)=0.99891719217979
kQ(59918)=0.99783555683236
r1= : 3.3605294860724E-13
rpunto1: = 13947396.037363
rduepunti0 : = 1.2139609786315E+27
fil : = 505.267465962
fipunto1 : = 1.022061247911E+20
fi_gradi : = 28949.693324893
t1 : = 1.0812475438683E-14
tpunto1 : = 1.0158918926792
tduepunti0 : = -7.1809742038361E+17
v=v_elettrone : = 37251078.667143
x0= : -2.8666529971297E-13
y0= : 1.7224705620518E-13
*****
i=59919
k(59919)=0.99889547981978
kQ(59919)=0.99779217960438
r1= : 3.3768868098988E-13
rpunto1: = 14086461.412979
rduepunti0 : = 1.1857684602801E+27
fil : = 505.27945256276
fipunto1 : = 1.012111514173E+20
fi_gradi : = 28950.380106527
t1 : = 1.0812475557825E-14
tpunto1 : = 1.0158076402925
tduepunti0 : = -7.183946575394E+17
v=v_elettrone : = 37147698.662681
x0= : -2.9012686584385E-13
y0= : 1.6958179732283E-13
*****
i=59920
k(59920)=0.99887406885982
kQ(59920)=0.99774940544057
r1= : 3.3934072277806E-13
rpunto1: = 14222261.898776
rduepunti0 : = 1.1579297307921E+27
fil : = 505.29132247435
fipunto1 : = 1.0022086029424E+20
fi_gradi : = 28951.060202364
t1 : = 1.0812475676958E-14
tpunto1 : = 1.0157233859949
tduepunti0 : = -7.1841095140999E+17
v=v_elettrone : = 37043966.488557
x0= : -2.9356066460777E-13
y0= : 1.6690051367126E-13
```

```
*****
i=59921
k(59921)=0.99885296732687
kQ(59921)=0.99770725033769
r1= : 3.4100869106977E-13
rpunto1: = 14354840.07724
rduerpunti0 : = 1.1304540892953E+27
fil : = 505.30307624589
fipunto1 : = 9.9235625066531E+19
fi_gradi : = 28951.733643867
t1 : = 1.0812475796081E-14
tpunto1 : = 1.0156391614536
tduepunti0 : = -7.1815722736806E+17
v=v_elettrone : = 36939922.339683
x0= : -2.9696678114909E-13
y0= : 1.6420370589449E-13
*****
i=59922
k(59922)=0.99883218248946
kQ(59922)=0.99766572877666
r1= : 3.4269220795701E-13
rpunto1: = 14484239.50513
rduerpunti0 : = 1.1033498431332E+27
fil : = 505.31471447033
fipunto1 : = 9.8255797543123E+19
fi_gradi : = 28952.400465008
t1 : = 1.0812475915194E-14
tpunto1 : = 1.0155549970707
tduepunti0 : = -7.1764427533218E+17
v=v_elettrone : = 36835605.167009
x0= : -3.0034530902896E-13
y0= : 1.6149186583049E-13
*****
i=59923
k(59923)=0.99881172088408
kQ(59923)=0.99762485377542
r1= : 3.4439090064008E-13
rpunto1: = 14610504.601877
rduerpunti0 : = 1.0766243480355E+27
fil : = 505.32623778188
fipunto1 : = 9.7281708255536E+19
fi_gradi : = 28953.060702126
t1 : = 1.0812476034297E-14
tpunto1 : = 1.0154709220006
tduepunti0 : = -7.1688273267848E+17
v=v_elettrone : = 36731052.682028
x0= : -3.0369634980519E-13
y0= : 1.5876547644074E-13
*****
i=59924
k(59924)=0.99879158834204
kQ(59924)=0.99758463694282
r1= : 3.461044015287E-13
rpunto1: = 14733680.542724
rduerpunti0 : = 1.0502840485978E+27
fil : = 505.33764685351
fipunto1 : = 9.6313667037066E+19
fi_gradi : = 28953.714393779
t1 : = 1.081247615339E-14
tpunto1 : = 1.0153869641697
tduepunti0 : = -7.1588306888025E+17
v=v_elettrone : = 36626301.364177
x0= : -3.0702001262104E-13
y0= : 1.5602501175729E-13
```

```
*****
i=59925
k(59925)=0.9987717900166
kQ(59925)=0.99754508853296
r1= : 3.4783234833072E-13
rpunto1: = 14853813.156631
rduepunti0 : = 1.0243345188672E+27
fil : = 505.34894239453
fipunto1 : = 9.5351963619183E+19
fi_gradi : = 28954.361580606
t1 : = 1.0812476272473E-14
tpunto1 : = 1.015303150298
tduepunti0 : = -7.1465557180314E+17
v=v_elettrone : = 36521386.469641
x0= : -3.1031641380344E-13
y0= : 1.5327093684621E-13
*****
i=59926
k(59926)=0.99875233041028
kQ(59926)=0.99750621749996
r1= : 3.4957438412872E-13
rpunto1: = 14970948.82893
rduepunti0 : = 9.9878050284544E+26
fil : = 505.36012514823
fipunto1 : = 9.4396868241587E+19
fi_gradi : = 28955.002305197
t1 : = 1.0812476391546E-14
tpunto1 : = 1.0152195059218
tduepunti0 : = -7.132103355806E+17
v=v_elettrone : = 36416342.042514
x0= : -3.1358567647093E-13
y0= : 1.5050370778667E-13
*****
i=59927
k(59927)=0.99873321340226
kQ(59927)=0.99746803155281
r1= : 3.5133015744532E-13
rpunto1: = 15085134.408695
rduepunti0 : = 9.7362595473931E+26
fil : = 505.37119588959
fipunto1 : = 9.344863227263E+19
fi_gradi : = 28955.636611953
t1 : = 1.081247651061E-14
tpunto1 : = 1.0151360554173
tduepunti0 : = -7.1155724999242E+17
v=v_elettrone : = 36311200.928989
x0= : -3.1682793015161E-13
y0= : 1.4772377166464E-13
*****
i=59928
k(59928)=0.99871444227567
kQ(59928)=0.99743053721
r1= : 3.530993222975E-13
rpunto1: = 15196417.120794
rduepunti0 : = 9.4887407880755E+26
fil : = 505.38215542308
fipunto1 : = 9.2507488837044E+19
fi_gradi : = 28956.264546967
t1 : = 1.0812476629664E-14
tpunto1 : = 1.015052822026
tduepunti0 : = -7.0970599126734E+17
v=v_elettrone : = 36205994.791557
x0= : -3.2004331041152E-13
y0= : 1.4493156658019E-13
```



```
*****
i=59929
k(59929)=0.99869601974473
kQ(59929)=0.99739373985396
r1= : 3.5488153824075E-13
rpunto1: = 15304844.482541
rduepunti0 : = 9.2452736866621E+26
fil : = 505.39300458049
fipunto1 : = 9.1573653448164E+19
fi_gradi : = 28956.886157898
t1 : = 1.0812476748708E-14
tpunto1 : = 1.0149698278805
tduepunti0 : = -7.0766601423063E+17
v=v_elettrone : = 36100754.126498
x0= : -3.2323195849352E-13
y0= : 1.421275216677E-13
*****
i=59930
k(59930)=0.99867794798166
kQ(59930)=0.99735764378485
r1= : 3.5667647040331E-13
rpunto1: = 15410464.224887
rduepunti0 : = 9.0058764593313E+26
fil : = 505.40374421891
fipunto1 : = 9.064732464204E+19
fi_gradi : = 28957.501493853
t1 : = 1.0812476867742E-14
tpunto1 : = 1.0148870940314
tduepunti0 : = -7.0544654571731E+17
v=v_elettrone : = 35995508.281693
x0= : -3.2639402096685E-13
y0= : 1.3931205712791E-13
*****
i=59931
k(59931)=0.99866022864324
kQ(59931)=0.99732225227377
r1= : 3.5848378951124E-13
rpunto1: = 15513324.218051
rduepunti0 : = 8.7705609810539E+26
fil : = 505.4143752187
fipunto1 : = 8.9728684611073E+19
fi_gradi : = 28958.110605273
t1 : = 1.0812476986767E-14
tpunto1 : = 1.0148046404745
tduepunti0 : = -7.0305657917202E+17
v=v_elettrone : = 35890285.475868
x0= : -3.2952964938762E-13
y0= : 1.3648558427114E-13
*****
i=59932
k(59932)=0.99864286289698
kQ(59932)=0.99728756761508
r1= : 3.6030317190476E-13
rpunto1: = 15613472.401494
rduepunti0 : = 8.539333155785E+26
fil : = 505.42489848159
fipunto1 : = 8.8817899835014E+19
fi_gradi : = 28958.713543823
t1 : = 1.0812477105782E-14
tpunto1 : = 1.0147224861786
tduepunti0 : = -7.0050487035809E+17
v=v_elettrone : = 35785112.819917
x0= : -3.3263899997001E-13
y0= : 1.3364850557074E-13
```

```
*****
i=59933
k(59933)=0.99862585144677
kQ(59933)=0.99725359117779
r1= : 3.6213429954638E-13
rpunto1: = 15710956.718123
rduepunti0 : = 8.312193277286E+26
fil : = 505.43531492882
fipunto1 : = 8.7915121707369E+19
fi_gradi : = 28959.310362287
t1 : = 1.0812477224787E-14
tpunto1 : = 1.0146406491141
tduepunti0 : = -6.9779993409924E+17
v=v_elettrone : = 35680016.337539
x0= : -3.3572223326856E-13
y0= : 1.3080121472602E-13
*****
i=59934
k(59934)=0.99860919455808
kQ(59934)=0.99722032345593
r1= : 3.6397686002127E-13
rpunto1: = 15805825.052604
rduepunti0 : = 8.0891363799193E+26
fil : = 505.44562549942
fipunto1 : = 8.7020487155457E+19
fi_gradi : = 28959.901114467
t1 : = 1.0812477343783E-14
tpunto1 : = 1.0145591462813
tduepunti0 : = -6.949500419796E+17
v=v_elettrone : = 35575020.988386
x0= : -3.3877951387129E-13
y0= : 1.2794409673401E-13
*****
i=59935
k(59935)=0.9985928920825
kQ(59935)=0.99718776411769
r1= : 3.6583054653047E-13
rpunto1: = 15898125.173681
rduepunti0 : = 7.8701525788682E+26
fil : = 505.45583114845
fipunto1 : = 8.6134119252538E+19
fi_gradi : = 28960.485855083
t1 : = 1.0812477462769E-14
tpunto1 : = 1.0144779937389
tduepunti0 : = -6.9196322092965E+17
v=v_elettrone : = 35470150.690671
x0= : -3.4181101010367E-13
y0= : 1.2507752796908E-13
*****
i=59936
k(59936)=0.99857694348176
kQ(59936)=0.99715591205337
r1= : 3.6769505787727E-13
rpunto1: = 15987904.680337
rduepunti0 : = 7.6552273993431E+26
fil : = 505.46593284541
fipunto1 : = 8.5256127820628E+19
fi_gradi : = 28961.064639685
t1 : = 1.0812477581746E-14
tpunto1 : = 1.0143972066332
tduepunti0 : = -6.8884725262795E+17
v=v_elettrone : = 35365428.345556
x0= : -3.4481689374342E-13
y0= : 1.2220187627006E-13
```

```

*****
i=59937
k(59937)=0.99856134785098
kQ(59937)=0.99712476542197
r1= : 3.6957009844729E-13
rpunto1: = 16075210.951692
rduerpunti0 : = 7.4443420944329E+26
fil : = 505.47593157268
fipunto1 : = 8.4386610022758E+19
fi_gradi : = 28961.637524558
t1 : = 1.0812477700713E-14
tpunto1 : = 1.0143167992265
tduerpunti0 : = -6.8560967365135E+17
v=v_elettrone : = 35260875.860314
x0= : -3.4779733974602E-13
y0= : 1.1931750103384E-13
*****
i=59938
k(59938)=0.99854610394136
kQ(59938)=0.99709432169647
r1= : 3.7145537818273E-13
rpunto1: = 16160091.100495
rduerpunti0 : = 7.2374739513476E+26
fil : = 505.48582832403
fipunto1 : = 8.3525650943615E+19
fi_gradi : = 28962.204566642
t1 : = 1.0812477819671E-14
tpunto1 : = 1.014236784926
tduerpunti0 : = -6.8225777630894E+17
v=v_elettrone : = 35156514.174387
x0= : -3.5075252598071E-13
y0= : 1.1642475331514E-13
*****
i=59939
k(59939)=0.99853121018207
kQ(59939)=0.99706457770766
r1= : 3.7335061255112E-13
rpunto1: = 16242591.930066
rduerpunti0 : = 7.034596585885E+26
fil : = 505.49562410324
fipunto1 : = 8.2673324157638E+19
fi_gradi : = 28962.765823447
t1 : = 1.0812477938619E-14
tpunto1 : = 1.014157176312
tduerpunti0 : = -6.7879861009777E+17
v=v_elettrone : = 35052363.283021
x0= : -3.5368263297703E-13
y0= : 1.1352397593159E-13
*****
i=59940
k(59940)=0.99851666470144
kQ(59940)=0.9970355296865
r1= : 3.75255522509E-13
rpunto1: = 16322759.894548
rduerpunti0 : = 6.835680225021E+26
fil : = 505.50531992267
fipunto1 : = 8.1829692283766E+19
fi_gradi : = 28963.321352979
t1 : = 1.0812478057558E-14
tpunto1 : = 1.0140779851663
tduerpunti0 : = -6.7523898372137E+17
v=v_elettrone : = 34948442.262841
x0= : -3.5658784368151E-13
y0= : 1.1061550357372E-13

```

```
*****
i=59941
k(59941)=0.99850246534751
kQ(59941)=0.99700717330505
r1= : 3.77169834461E-13
rpunto1: = 16400641.062344
rduerpunti0 : = 6.6406919775974E+26
fil : = 505.51491680205
fipunto1 : = 8.0994807526202E+19
fi_gradi : = 28963.871213665
t1 : = 1.0812478176488E-14
tpunto1 : = 1.0139992225002
tduepunti0 : = -6.7158546761523E+17
v=v_elettrone : = 34844769.297466
x0= : -3.5946834322451E-13
y0= : 1.0769966291929E-13
*****
i=59942
k(59942)=0.99848860970764
kQ(59942)=0.99697950371589
r1= : 3.7909328021459E-13
rpunto1: = 16476281.082576
rduerpunti0 : = 6.4495960931351E+26
fil : = 505.52441576725
fipunto1 : = 8.016871220062E+19
fi_gradi : = 28964.41546428
t1 : = 1.0812478295408E-14
tpunto1 : = 1.013920898582
tduepunti0 : = -6.6784439692598E+17
v=v_elettrone : = 34741361.702025
x0= : -3.6232431869688E-13
y0= : 1.0477677275132E-13
*****
i=59943
k(59943)=0.99847509512759
kQ(59943)=0.99695251559004
r1= : 3.8102559693092E-13
rpunto1: = 16549725.154455
rduerpunti0 : = 6.2623542088568E+26
fil : = 505.53381784906
fipunto1 : = 7.9351439245403E+19
fi_gradi : = 28964.954163886
t1 : = 1.081247841432E-14
tpunto1 : = 1.0138430229641
tduepunti0 : = -6.6402187489457E+17
v=v_elettrone : = 34638235.949252
x0= : -3.6515595893632E-13
y0= : 1.0184714407953E-13
*****
i=59944
k(59944)=0.99846191872968
kQ(59944)=0.99692620315335
r1= : 3.8296652707204E-13
rpunto1: = 16621017.999403
rduerpunti0 : = 6.07892558505E+26
fil : = 505.54312408217
fipunto1 : = 7.8543012717565E+19
fi_gradi : = 28965.487371767
t1 : = 1.0812478533222E-14
tpunto1 : = 1.0137656045102
tduepunti0 : = -6.6012377659602E+17
v=v_elettrone : = 34535407.693538
x0= : -3.679634543232E-13
y0= : 9.8911080264564E-14
```

```
*****
i=59945
k(59945)=0.99844907743031
kQ(59945)=0.99690056022144
r1= : 3.8491581834485E-13
rpunto1: = 16690203.835798
rduepunti0 : = 5.8992673289401E+26
fil : = 505.55233550407
fipunto1 : = 7.7743448273114E+19
fi_gradi : = 28966.015147365
t1 : = 1.0812478652115E-14
tpunto1 : = 1.0136886514209
tduepunti0 : = -6.5615575299196E+17
v=v_elettrone : = 34432891.797032
x0= : -3.7074699658552E-13
y0= : 9.5968877144787E-14
*****
i=59946
k(59946)=0.99843656795667
kQ(59946)=0.9968755802331
r1= : 3.8687322364215E-13
rpunto1: = 16757326.356222
rduepunti0 : = 5.7233346072829E+26
fil : = 505.5614531541
fipunto1 : = 7.6952753631701E+19
fi_gradi : = 28966.537550231
t1 : = 1.0812478770999E-14
tpunto1 : = 1.0136121712599
tduepunti0 : = -6.521232352545E+17
v=v_elettrone : = 34330702.353937
x0= : -3.7350677861292E-13
y0= : 9.3020823164934E-14
*****
i=59947
k(59947)=0.99842438686277
kQ(59947)=0.9968512562823
r1= : 3.8883850098094E-13
rpunto1: = 16822428.707064
rduepunti0 : = 5.5510808479132E+26
fil : = 505.57047807249
fipunto1 : = 7.6170929025458E+19
fi_gradi : = 28967.054639965
t1 : = 1.0812478889874E-14
tpunto1 : = 1.0135361709795
tduepunti0 : = -6.4803143932297E+17
v=v_elettrone : = 34228852.714622
x0= : -3.7624299427939E-13
y0= : 9.0067199506533E-14
*****
i=59948
k(59948)=0.99841253054469
kQ(59948)=0.99682758114865
r1= : 3.9081141343837E-13
rpunto1: = 16885553.470365
rduepunti0 : = 5.3824579305144E+26
fil : = 505.57941129952
fipunto1 : = 7.539796763203E+19
fi_gradi : = 28967.566476171
t1 : = 1.081247900874E-14
tpunto1 : = 1.0134606569446
tduepunti0 : = -6.4388537065779E+17
v=v_elettrone : = 34127355.511169
x0= : -3.7895583827443E-13
y0= : 8.7108280219673E-14
```

```
*****
i=59949
k(59949)=0.99840099525516
kQ(59949)=0.9968045473265
r1= : 3.9279172908556E-13
rpunto1: = 16946742.647772
rduepunti0 : = 5.2174163668942E+26
fil : = 505.58825387464
fipunto1 : = 7.4633855991819E+19
fi_gradi : = 28968.073118406
t1 : = 1.0812479127598E-14
tpunto1 : = 1.0133856349573
tduepunti0 : = -6.3968982915832E+17
v=v_elettrone : = 34026222.679602
x0= : -3.8164550594253E-13
y0= : 8.4144332355587E-14
*****
i=59950
k(59950)=0.99838977711744
kQ(59950)=0.99678214705261
r1= : 3.9477922091952E-13
rpunto1: = 17006037.646498
rduepunti0 : = 5.0559054710719E+26
fil : = 505.59700683575
fipunto1 : = 7.3878574409562E+19
fi_gradi : = 28968.574626136
t1 : = 1.0812479246446E-14
tpunto1 : = 1.0133111102803
tduepunti0 : = -6.35449414214E+17
v=v_elettrone : = 33925465.484771
x0= : -3.8431219313051E-13
y0= : 8.1175616100149E-14
*****
i=59951
k(59951)=0.99837887213848
kQ(59951)=0.99676037233251
r1= : 3.9677366679345E-13
rpunto1: = 17063479.267145
rduepunti0 : = 4.8978735194936E+26
fil : = 505.60567121842
fipunto1 : = 7.3132097340379E+19
fi_gradi : = 28969.071058695
t1 : = 1.0812479365286E-14
tpunto1 : = 1.0132370876598
tduepunti0 : = -6.311685298606E+17
v=v_elettrone : = 33825094.54278
x0= : -3.8695609604267E-13
y0= : 7.8202384907585E-14
*****
i=59952
k(59952)=0.99836827622146
kQ(59952)=0.99673921496541
r1= : 3.9877484934559E-13
rpunto1: = 17119107.693308
rduepunti0 : = 4.7432679017058E+26
fil : = 505.61424805524
fipunto1 : = 7.2394393760492E+19
fi_gradi : = 28969.562475246
t1 : = 1.0812479484117E-14
tpunto1 : = 1.0131635713479
tduepunti0 : = -6.2685139001555E+17
v=v_elettrone : = 33725119.844484
x0= : -3.8957741110337E-13
y0= : 7.5224885634436E-14
```

```
*****
i=59953
k(59953)=0.99835798517763
kQ(59953)=0.99671866656794
r1= : 4.0078255592687E-13
rpunto1: = 17172962.482832
rduepunti0 : = 4.5920352618246E+26
fil : = 505.62273837515
fipunto1 : = 7.1665427522832E+19
fi_gradi : = 28970.048934743
t1 : = 1.081247960294E-14
tpunto1 : = 1.013090565124
tduepunti0 : = -6.225020237688E+17
v=v_elettrone : = 33625550.776659
x0= : -3.9217633482682E-13
y0= : 7.2243358673306E-14
*****
i=59954
k(59954)=0.99834799473757
kQ(59954)=0.99669871859652
r1= : 4.0279657852749E-13
rpunto1: = 17225082.560623
rduepunti0 : = 4.4441216311437E+26
fil : = 505.63114320284
fipunto1 : = 7.0945157697813E+19
fi_gradi : = 28970.530495898
t1 : = 1.0812479721753E-14
tpunto1 : = 1.013018072316
tduepunti0 : = -6.181242807073E+17
v=v_elettrone : = 33526396.145237
x0= : -3.9475306369386E-13
y0= : 6.9258038086451E-14
*****
i=59955
k(59955)=0.99833830056179
kQ(59955)=0.99667936236861
r1= : 4.0481671370273E-13
rpunto1: = 17275506.212917
rduepunti0 : = 4.2994725522262E+26
fil : = 505.63946355824
fipunto1 : = 7.0233538899549E+19
fi_gradi : = 28971.007217146
t1 : = 1.0812479840559E-14
tpunto1 : = 1.012946095821
tduepunti0 : = -6.1372183625362E+17
v=v_elettrone : = 33427664.195335
x0= : -3.9730779403542E-13
y0= : 6.626915173865E-14
*****
i=59956
k(59956)=0.9983288982508
kQ(59956)=0.99666058908266
r1= : 4.0684276249802E-13
rpunto1: = 17324271.082909
rduepunti0 : = 4.1580331948284E+26
fil : = 505.64770045591
fipunto1 : = 6.9530521597841E+19
fi_gradi : = 28971.479156619
t1 : = 1.0812479959356E-14
tpunto1 : = 1.0128746381246
tduepunti0 : = -6.0929819700072E+17
v=v_elettrone : = 33329362.632976
x0= : -3.9984072192246E-13
y0= : 6.327692142955E-14
```

```
*****
i=59957
k(59957)=0.99831978335452
kQ(59957)=0.99664238983702
r1= : 4.0887453037355E-13
rpunto1 : = 17371414.167647
rduepunti0 : = 4.0197484640012E+26
fil : = 505.65585490462
fipunto1 : = 6.8836052416265E+19
fi_gradi : = 28971.946372115
t1 : = 1.0812480078145E-14
tpunto1 : = 1.0128037013204
tduepunti0 : = -6.0485670602695E+17
v=v_elettrone : = 33231498.645528
x0= : -4.0235204306215E-13
y0= : 6.028156302501E-14
*****
i=59958
k(59958)=0.99831095138121
kQ(59958)=0.99662475564765
r1= : 4.1091182712846E-13
rpunto1 : = 17416971.816109
rduepunti0 : = 3.8845631007131E+26
fil : = 505.66392790691
fipunto1 : = 6.8150074416705E+19
fi_gradi : = 28972.408921073
t1 : = 1.0812480196925E-14
tpunto1 : = 1.0127332871287
tduepunti0 : = -6.0040054817663E+17
v=v_elettrone : = 33134078.921099
x0= : -4.0484195269999E-13
y0= : 5.7283286587406E-14
*****
i=59959
k(59959)=0.99830239780583
kQ(59959)=0.99660767746487
r1= : 4.1295446682485E-13
rpunto1 : = 17460979.728373
rduepunti0 : = 3.7524217753337E+26
fil : = 505.67192045858
fipunto1 : = 6.7472527370721E+19
fi_gradi : = 28972.866860552
t1 : = 1.0812480315697E-14
tpunto1 : = 1.0126633969138
tduepunti0 : = -5.9593275529351E+17
v=v_elettrone : = 33037109.668227
x0= : -4.0731064552772E-13
y0= : 5.4282296504817E-14
*****
i=59960
k(59960)=0.99829411807794
kQ(59960)=0.996591146189
r1= : 4.1500226771168E-13
rpunto1 : = 17503472.955808
rduepunti0 : = 3.6232691743132E+26
fil : = 505.67983354843
fipunto1 : = 6.6803348018096E+19
fi_gradi : = 28973.320247203
t1 : = 1.0812480434461E-14
tpunto1 : = 1.0125940317022
tduepunti0 : = -5.9145621139539E+17
v=v_elettrone : = 32940596.63461
x0= : -4.0975831559677E-13
y0= : 5.1278791618874E-14
```



```
*****
i=59961
k(59961)=0.998286107629
kQ(59961)=0.99657515268506
r1= : 4.1705505214871E-13
rpunto1 : = 17544485.902202
rduepunti0 : = 3.4970500803863E+26
fil : = 505.6876681578
fipunto1 : = 6.6142470312975E+19
fi_gradi : = 28973.769137254
t1 : = 1.0812480553216E-14
tpunto1 : = 1.0125251921986
tduepunti0 : = -5.8697365778004E+17
v=v_elettrone : = 32844545.125705
x0= : -4.121851562369E-13
y0= : 4.8272965351193E-14
*****
i=59962
k(59962)=0.99827836187933
kQ(59962)=0.99655968779648
r1= : 4.1911264653049E-13
rpunto1 : = 17584052.32576
rduepunti0 : = 3.3737094466204E+26
fil : = 505.69542526029
fipunto1 : = 6.5489825657972E+19
fi_gradi : = 28974.213586488
t1 : = 1.0812480671964E-14
tpunto1 : = 1.0124568788025
tduepunti0 : = -5.824876980533E+17
v=v_elettrone : = 32748960.022085
x0= : -4.1459135998007E-13
y0= : 4.526500582826E-14
*****
i=59963
k(59963)=0.99827087624453
kQ(59963)=0.99654474235803
r1= : 4.2117488121073E-13
rpunto1 : = 17622205.341901
rduepunti0 : = 3.2531924646225E+26
fil : = 505.70310582147
fipunto1 : = 6.4845343126639E+19
fi_gradi : = 28974.653650228
t1 : = 1.0812480790704E-14
tpunto1 : = 1.0123890916235
tduepunti0 : = -5.7800080307164E+17
v=v_elettrone : = 32653845.797263
x0= : -4.1697711848904E-13
y0= : 4.2255096004761E-14
*****
i=59964
k(59964)=0.99826364614149
kQ(59964)=0.99653030720769
r1= : 4.2324159042685E-13
rpunto1 : = 17658977.42679
rduepunti0 : = 3.1354446272096E+26
fil : = 505.71071079858
fipunto1 : = 6.4208949674698E+19
fi_gradi : = 28975.08938332
t1 : = 1.0812480909435E-14
tpunto1 : = 1.0123218304967
tduepunti0 : = -5.735153157926E+17
v=v_elettrone : = 32559206.534146
x0= : -4.1934262249068E-13
y0= : 3.9243413785158E-14
```

```
*****
i=59965
k(59965)=0.99825666699397
kQ(59965)=0.99651637319792
r1= : 4.2531261222504E-13
rpunto1: = 17694400.421547
rduepunti0 : = 3.0204117858373E+26
fil : = 505.7182411403
fipunto1 : = 6.3580570340422E+19
fi_gradi : = 28975.520840118
t1 : = 1.0812481028159E-14
tpunto1 : = 1.0122550949965
tduepunti0 : = -5.6903345602733E+17
v=v_elettrone : = 32465045.941717
x0= : -4.2168806171377E-13
y0= : 3.6230132143529E-14
*****
i=59966
k(59966)=0.99824993423788
kQ(59966)=0.99650293120593
r1= : 4.2738778838577E-13
rpunto1: = 17728505.537064
rduepunti0 : = 2.9080402030742E+26
fil : = 505.72569778651
fipunto1 : = 6.296012843457E+19
fi_gradi : = 28975.948074475
t1 : = 1.0812481146875E-14
tpunto1 : = 1.0121888844511
tduepunti0 : = -5.6455732509033E+17
v=v_elettrone : = 32371367.370223
x0= : -4.2401362483097E-13
y0= : 3.321541924155E-14
*****
i=59967
k(59967)=0.99824344332602
kQ(59967)=0.99648997214338
r1= : 4.2946696434988E-13
rpunto1: = 17761323.359392
rduepunti0 : = 2.7982766003975E+26
fil : = 505.7330816681
fipunto1 : = 6.2347545720249E+19
fi_gradi : = 28976.371139727
t1 : = 1.0812481265583E-14
tpunto1 : = 1.0121231979556
tduepunti0 : = -5.6008891034264E+17
v=v_elettrone : = 32278173.827016
x0= : -4.2631949940493E-13
y0= : 3.0199438544658E-14
*****
i=59968
k(59968)=0.9982371897326
kQ(59968)=0.99647748696524
r1= : 4.3154998914531E-13
rpunto1: = 17792883.855627
rduepunti0 : = 2.6910682015778E+26
fil : = 505.7403937068
fipunto1 : = 6.1742742583104E+19
fi_gradi : = 28976.790088684
t1 : = 1.0812481384284E-14
tpunto1 : = 1.0120580343847
tduepunti0 : = -5.5563008962502E+17
v=v_elettrone : = 32185467.990984
x0= : -4.2860587183823E-13
y0= : 2.7182348936235E-14
```

```
*****
i=59969
k(59969)=0.99823116895738
kQ(59969)=0.99646546667802
r1= : 4.336367153145E-13
rpunto1: = 17823216.380264
rduepunti0 : = 2.5863627719081E+26
fil : = 505.74763481497
fipunto1 : = 6.1145638192204E+19
fi_gradi : = 28977.204973621
t1 : = 1.0812481502977E-14
tpunto1 : = 1.0119933924054
tduepunti0 : = -5.5118263557875E+17
v=v_elettrone : = 32093252.227197
x0= : -4.3087292732708E-13
y0= : 2.4164304829861E-14
*****
i=59970
k(59970)=0.99822537652946
kQ(59970)=0.99645390234738
r1= : 4.3572699884255E-13
rpunto1: = 17852349.681962
rduepunti0 : = 2.4841086535255E+26
fil : = 505.75480589552
fipunto1 : = 6.0556150652007E+19
fi_gradi : = 28977.615846271
t1 : = 1.0812481621662E-14
tpunto1 : = 1.0119292704886
tduepunti0 : = -5.4674821985202E+17
v=v_elettrone : = 32001528.600407
x0= : -4.3312084981848E-13
y0= : 2.114545627954E-14
*****
i=59971
k(59971)=0.99821980801078
kQ(59971)=0.99644278510508
r1= : 4.3782069908615E-13
rpunto1: = 17880311.910679
rduepunti0 : = 2.3842547970608E+26
fil : = 505.76190784174
fipunto1 : = 5.9974197145759E+19
fi_gradi : = 28978.022757816
t1 : = 1.081248174034E-14
tpunto1 : = 1.0118656669205
tduepunti0 : = -5.4232841719078E+17
v=v_elettrone : = 31910298.888853
x0= : -4.3534982197079E-13
y0= : 1.8125949087955E-14
*****
i=59972
k(59972)=0.99821445899936
kQ(59972)=0.99643210615537
r1= : 4.399176787034E-13
rpunto1: = 17907130.625139
rduepunti0 : = 2.2867507898426E+26
fil : = 505.76894153722
fipunto1 : = 5.9399694070696E+19
fi_gradi : = 28978.425758881
t1 : = 1.081248185901E-14
tpunto1 : = 1.0118025798134
tduepunti0 : = -5.3792470941293E+17
v=v_elettrone : = 31819564.596679
x0= : -4.3756002511749E-13
y0= : 1.5105924912617E-14
```

```
*****
i=59973
k(59973)=0.99820932513219
kQ(59973)=0.99642185678085
r1= : 4.4201780358443E-13
rpunto1: = 17932832.800596
rduepunti0 : = 2.1915468808727E+26
fil : = 505.77590785572
fipunto1 : = 5.8832557165394E+19
fi_gradi : = 28978.82489953
t1 : = 1.0812481977673E-14
tpunto1 : = 1.0117400071166
tduepunti0 : = -5.3353848926587E+17
v=v_elettrone : = 31729326.966582
x0= : -4.3975163923401E-13
y0= : 1.2085521370049E-14
*****
i=59974
k(59974)=0.99820440208796
kQ(59974)=0.99641202834777
r1= : 4.4412094278302E-13
rpunto1: = 17957444.836844
rduepunti0 : = 2.0985940027802E+26
fil : = 505.78280766115
fipunto1 : = 5.8272701629601E+19
fi_gradi : = 28979.220229261
t1 : = 1.0812482096328E-14
tpunto1 : = 1.0116779466256
tduepunti0 : = -5.2917106416712E+17
v=v_elettrone : = 31639586.992239
x0= : -4.419248429074E-13
y0= : 9.0648721378721E-15
*****
i=59975
k(59975)=0.99819968558945
kQ(59975)=0.99640261231087
r1= : 4.4622696844906E-13
rpunto1: = 17980992.566465
rduepunti0 : = 2.0078437909492E+26
fil : = 505.78964180745
fipunto1 : = 5.7720042236903E+19
fi_gradi : = 28979.611797001
t1 : = 1.0812482214977E-14
tpunto1 : = 1.0116163959926
tduepunti0 : = -5.2482365982869E+17
v=v_elettrone : = 31550345.429159
x0= : -4.4407981330881E-13
y0= : 6.0441070547831E-15
*****
i=59976
k(59976)=0.99819517140575
kQ(59976)=0.99639360021776
r1= : 4.4833575576207E-13
rpunto1: = 18003501.263264
rduepunti0 : = 1.9192486000112E+26
fil : = 505.79641113859
fipunto1 : = 5.7174493440522E+19
fi_gradi : = 28979.999651105
t1 : = 1.0812482333618E-14
tpunto1 : = 1.0115553527348
tduepunti0 : = -5.2049742376595E+17
v=v_elettrone : = 31461602.806669
x0= : -4.4621672616858E-13
y0= : 3.023352218575E-15
```

```
*****
i=59977
k(59977)=0.99819085535424
kQ(59977)=0.99638498371282
r1= : 4.5044718286562E-13
rpunto1: = 18024995.650865
rduepunti0 : = 1.8327615178768E+26
fil : = 505.80311648847
fipunto1 : = 5.6635969472578E+19
fi_gradi : = 28980.383839353
t1 : = 1.0812482452252E-14
tpunto1 : = 1.011494814244
tduepunti0 : = -5.161934286919E+17
v=v_elettrone : = 31373359.43793
x0= : -4.4833575575375E-13
y0= : 2.7300819850622E-18
*****
i=59978
k(59978)=0.99818673330232
kQ(59978)=0.99637675454076
r1= : 4.5256113080286E-13
rpunto1: = 18045499.91145
rduepunti0 : = 1.7483363774799E+26
fil : = 505.80975868097
fipunto1 : = 5.6104384437109E+19
fi_gradi : = 28980.76440895
t1 : = 1.0812482570878E-14
tpunto1 : = 1.0114347777943
tduepunti0 : = -5.1191267579843E+17
v=v_elettrone : = 31285615.430701
x0= : -4.5043707484805E-13
y0= : -3.0176404533964E-15
*****
i=59979
k(59979)=0.99818280116907
kQ(59979)=0.99636890454973
r1= : 4.5467748345299E-13
rpunto1: = 18065037.694613
rduepunti0 : = 1.6659277663929E+26
fil : = 505.81633852986
fipunto1 : = 5.5579652397144E+19
fi_gradi : = 28981.141406522
t1 : = 1.0812482689498E-14
tpunto1 : = 1.0113752405504
tduepunti0 : = -5.0765609792588E+17
v=v_elettrone : = 31198370.697886
x0= : -4.5252085473396E-13
y0= : -6.0376439453111E-15
*****
i=59980
k(59980)=0.99817905492656
kQ(59980)=0.99636142569408
r1= : 4.567961274688E-13
rpunto1: = 18083632.126294
rduepunti0 : = 1.5854910344655E+26
fil : = 505.82285683887
fipunto1 : = 5.5061687456114E+19
fi_gradi : = 28981.514878117
t1 : = 1.0812482808111E-14
tpunto1 : = 1.0113161995756
tduepunti0 : = -5.0342456262284E+17
v=v_elettrone : = 31111624.965596
x0= : -4.5458726517705E-13
y0= : -9.0571683211206E-15
```

```
*****
i=59981
k(59981)=0.99817549060112
kQ(59981)=0.99635431003678
r1= : 4.5891695221527E-13
rpunto1: = 18101305.817792
rduepunti0 : = 1.5069822996337E+26
fil : = 505.82931440163
fipunto1 : = 5.4550403833873E+19
fi_gradi : = 28981.884869209
t1 : = 1.0812482926717E-14
tpunto1 : = 1.0112576518382
tduepunti0 : = -4.9921887509801E+17
v=v_elettrone : = 31025377.784018
x0= : -4.566364744122E-13
y0= : -1.207610478988E-14
*****
i=59982
k(59982)=0.9981721042744
kQ(59982)=0.99634754975158
r1= : 4.6103984970918E-13
rpunto1: = 18118080.874817
rduepunti0 : = 1.4303584520316E+26
fil : = 505.83571200171
fipunto1 : = 5.4045715937592E+19
fi_gradi : = 28982.251424693
t1 : = 1.0812483045316E-14
tpunto1 : = 1.0111995942195
tduepunti0 : = -4.9503978106624E+17
v=v_elettrone : = 30939628.5358
x0= : -4.5866864913176E-13
y0= : -1.5094347756634E-14
*****
i=59983
k(59983)=0.99816889208427
kQ(59983)=0.99634113712473
r1= : 4.6316471455985E-13
rpunto1: = 18133978.90658
rduepunti0 : = 1.3555771565391E+26
fil : = 505.84205041266
fipunto1 : = 5.3547538427783E+19
fi_gradi : = 28982.614588889
t1 : = 1.0812483163908E-14
tpunto1 : = 1.0111420235199
tduepunti0 : = -4.9088796949091E+17
v=v_elettrone : = 30854376.443654
x0= : -4.6068395447552E-13
y0= : -1.8111794738601E-14
*****
i=59984
k(59984)=0.99816585022559
kQ(59984)=0.99633506455657
r1= : 4.6529144391092E-13
rpunto1: = 18149021.034889
rduepunti0 : = 1.2825968538839E+26
fil : = 505.84833039799
fipunto1 : = 5.3055786279694E+19
fi_gradi : = 28982.974405544
t1 : = 1.0812483282493E-14
tpunto1 : = 1.0110849364652
tduepunti0 : = -4.8676407522502E+17
v=v_elettrone : = 30769620.58033
x0= : -4.6268255402235E-13
y0= : -2.1128346283179E-14
```

```
*****
i=59985
k(59985)=0.99816297495086
kQ(59985)=0.99632932456276
r1= : 4.6741993738314E-13
rpunto1 : = 18163227.903248
rduepunti0 : = 1.2113767604145E+26
fil : = 505.85455271128
fipunto1 : = 5.2570374840315E+19
fi_gradi : = 28983.330917835
t1 : = 1.0812483401072E-14
tpunto1 : = 1.0110283297129
tduepunti0 : = -4.8266868155326E+17
v=v_elettrone : = 30685359.874951
x0= : -4.6466460978342E-13
y0= : -2.4143905888109E-14
*****
i=59986
k(59986)=0.99816026257074
kQ(59986)=0.99632390977528
r1= : 4.6955009701832E-13
rpunto1 : = 18176619.685935
rduepunti0 : = 1.1418768666508E+26
fil : = 505.86071809615
fipunto1 : = 5.2091219881209E+19
fi_gradi : = 28983.684168367
t1 : = 1.0812483519644E-14
tpunto1 : = 1.0109721998579
tduepunti0 : = -4.7860232263762E+17
v=v_elettrone : = 30601593.121384
x0= : -4.6663028219695E-13
y0= : -2.7158379923323E-14
*****
i=59987
k(59987)=0.9981577094544
kQ(59987)=0.99631881294326
r1= : 4.7168182722428E-13
rpunto1 : = 18189216.09705
rduepunti0 : = 1.0740579347159E+26
fil : = 505.86682728635
fipunto1 : = 5.1618237647403E+19
fi_gradi : = 28984.034199181
t1 : = 1.081248363821E-14
tpunto1 : = 1.0109165434378
tduepunti0 : = -4.7456548586897E+17
v=v_elettrone : = 30518318.985147
x0= : -4.6857973012439E-13
y0= : -3.0171677554766E-14
*****
i=59988
k(59988)=0.99815531202989
kQ(59988)=0.99631402693349
r1= : 4.7381503472087E-13
rpunto1 : = 18201036.399523
rduepunti0 : = 1.0078814947419E+26
fil : = 505.87288100582
fipunto1 : = 5.1151344902528E+19
fi_gradi : = 28984.381051757
t1 : = 1.0812483756768E-14
tpunto1 : = 1.0108613569384
tduepunti0 : = -4.7055861412717E+17
v=v_elettrone : = 30435536.010976
x0= : -4.7051311084793E-13
y0= : -3.3183710670003E-14
```

```
*****
i=59989
k(59989)=0.99815306678428
kQ(59989)=0.99630954473087
r1= : 4.7594962848708E-13
rpunto1: = 18212099.414072
rduepunti0 : = 9.433098403424E+25
fil : = 505.87887996871
fipunto1 : = 5.0690458970417E+19
fi_gradi : = 28984.724767012
t1 : = 1.0812483875321E-14
tpunto1 : = 1.0108066367984
tduepunti0 : = -4.6658210795222E+17
v=v_elettrone : = 30353242.628761
x0= : -4.7243058006925E-13
y0= : -3.6194393805726E-14
*****
i=59990
k(59990)=0.99815097026377
kQ(59990)=0.99630535943851
r1= : 4.7808551970919E-13
rpunto1: = 18222423.528085
rduepunti0 : = 8.8030602323345E+25
fil : = 505.8848248795
fipunto1 : = 5.0235497773352E+19
fi_gradi : = 28985.06538531
t1 : = 1.0812483993867E-14
tpunto1 : = 1.0107523794144
tduepunti0 : = -4.6263632762915E+17
v=v_elettrone : = 30271437.16056
x0= : -4.7433229190946E-13
y0= : -3.9203644076926E-14
*****
i=59991
k(59991)=0.99814901907371
kQ(59991)=0.99630146427782
r1= : 4.802226217299E-13
rpunto1: = 18232026.704449
rduepunti0 : = 8.1883384708336E+25
fil : = 505.89071643304
fipunto1 : = 4.9786379867133E+19
fi_gradi : = 28985.402946463
t1 : = 1.0812484112407E-14
tpunto1 : = 1.0106985811452
tduepunti0 : = -4.5872159518907E+17
v=v_elettrone : = 30190117.826222
x0= : -4.7621839891018E-13
y0= : -4.2211381107903E-14
*****
i=59992
k(59992)=0.99814720987854
kQ(59992)=0.99629785258832
r1= : 4.8236084999859E-13
rpunto1: = 18240926.490282
rduepunti0 : = 7.5885786066462E+25
fil : = 505.89655531462
fipunto1 : = 4.9343024473153E+19
fi_gradi : = 28985.737489734
t1 : = 1.081248423094E-14
tpunto1 : = 1.0106452383158
tduepunti0 : = -4.5483819632901E+17
v=v_elettrone : = 30109282.750152
x0= : -4.7808905203562E-13
y0= : -4.521752696491E-14
```



```
*****
i=59993
k(59993)=0.99814553940164
kQ(59993)=0.99629451782739
r1= : 4.8450012202253E-13
rpunto1: = 18249140.025583
rduepunti0 : = 7.0034335037722E+25
fil : = 505.90234220005
fipunto1 : = 4.8905351507645E+19
fi_gradi : = 28986.069053846
t1 : = 1.0812484349467E-14
tpunto1 : = 1.0105923472222
tduepunti0 : = -4.5098638225317E+17
v=v_elettrone : = 30028929.965832
x0= : -4.799444006757E-13
y0= : -4.8222006090618E-14
*****
i=59994
k(59994)=0.99814400442513
kQ(59994)=0.99629145356983
r1= : 4.8664035731916E-13
rpunto1: = 18256684.051795
rduepunti0 : = 6.4325633220799E+25
fil : = 505.90807775577
fipunto1 : = 4.8473281608245E+19
fi_gradi : = 28986.397676982
t1 : = 1.0812484467988E-14
tpunto1 : = 1.0105399041345
tduepunti0 : = -4.47166371438E+17
v=v_elettrone : = 29949057.4221
x0= : -4.8178459265001E-13
y0= : -5.1224745240057E-14
*****
i=59995
k(59995)=0.9981426017896
kQ(59995)=0.99628865350731
r1= : 4.8878147736932E-13
rpunto1: = 18263574.920255
rduepunti0 : = 5.8756354318617E+25
fil : = 505.9137626389
fipunto1 : = 4.8046736158047E+19
fi_gradi : = 28986.723396792
t1 : = 1.0812484586503E-14
tpunto1 : = 1.0104879053008
tduepunti0 : = -4.4337835132367E+17
v=v_elettrone : = 29869662.988387
x0= : -4.8360977421269E-13
y0= : -5.4225673418316E-14
*****
i=59996
k(59996)=0.99814132839378
kQ(59996)=0.9962861114477
r1= : 4.9092340557154E-13
rpunto1: = 18269828.600546
rduepunti0 : = 5.3323243239157E+25
fil : = 505.91939749734
fipunto1 : = 4.7625637307268E+19
fi_gradi : = 28987.046250399
t1 : = 1.0812484705012E-14
tpunto1 : = 1.0104363469508
tduepunti0 : = -4.3962247993441E+17
v=v_elettrone : = 29790744.458825
x0= : -4.8542009005807E-13
y0= : -5.7224721819833E-14
```

```
*****
i=59997
k(59997)=0.99814018119418
kQ(59997)=0.99628382131435
r1= : 4.930660671972E-13
rpunto1: = 18275460.688741
rduepunti0 : = 4.802311515677E+25
fil : = 505.92498296985
fipunto1 : = 4.7209907992682E+19
fi_gradi : = 28987.3662744
t1 : = 1.0812484823514E-14
tpunto1 : = 1.0103852252988
tduepunti0 : = -4.3589888743015E+17
v=v_elettrone : = 29712299.557992
x0= : -4.8721568332708E-13
y0= : -6.0221823769112E-14
*****
i=59998
k(59998)=0.99813915720463
kQ(59998)=0.99628177714516
r1= : 4.9520938934681E-13
rpunto1: = 18280486.415527
rduepunti0 : = 4.2852854538866E+25
fil : = 505.93051968617
fipunto1 : = 4.6799471954944E+19
fi_gradi : = 28987.683504878
t1 : = 1.0812484942011E-14
tpunto1 : = 1.0103345365471
tduepunti0 : = -4.3220767759177E+17
v=v_elettrone : = 29634325.944702
x0= : -4.8899669561439E-13
y0= : -6.321691466312E-14
*****
i=59999
k(59999)=0.99813825349583
kQ(59999)=0.99627997309171
r1= : 4.9735330090709E-13
rpunto1: = 18284920.654213
rduepunti0 : = 3.7809414142513E+25
fil : = 505.93600826709
fipunto1 : = 4.6394253753925E+19
fi_gradi : = 28987.9979774
t1 : = 1.0812485060502E-14
tpunto1 : = 1.0102842768887
tduepunti0 : = -4.2854892924248E+17
v=v_elettrone : = 29556821.217163
x0= : -4.9076326697609E-13
y0= : -6.620993191505E-14
*****
i=60000
k(60000)=0.99813746719486
kQ(60000)=0.99627840341817
r1= : 4.9949773250909E-13
rpunto1: = 18288777.928622
rduepunti0 : = 3.288981398516E+25
fil : = 505.94144932455
fipunto1 : = 4.5994178782191E+19
fi_gradi : = 28988.309727029
t1 : = 1.0812485178987E-14
tpunto1 : = 1.0102344425099
tduepunti0 : = -4.2492269760741E+17
v=v_elettrone : = 29479782.916454
x0= : -4.9251553593811E-13
y0= : -6.9200814899676E-14
```

```
*****
i=60001
k(60001)=0.99813679548458
kQ(60001)=0.99627706250022
r1= : 5.016426164872E-13
rpunto1: = 18292072.420849
rduepunti0 : = 2.8091140293387E+25
fil : = 505.94684346174
fipunto1 : = 4.559917327672E+19
fi_gradi : = 28988.618788324
t1 : = 1.0812485297466E-14
tpunto1 : = 1.0101850295935
tduepunti0 : = -4.2132901561388E+17
v=v_elettrone : = 29403208.530357
x0= : -4.9425363950508E-13
y0= : -7.218950490002E-14
*****
i=60002
k(60002)=0.99813623560308
kQ(60002)=0.99627594482389
r1= : 5.0378788683904E-13
rpunto1: = 18294817.978911
rduepunti0 : = 2.3410544433314E+25
fil : = 505.9521912732
fipunto1 : = 4.5209164328978E+19
fi_gradi : = 28988.92519535
t1 : = 1.0812485415939E-14
tpunto1 : = 1.0101360343207
tduepunti0 : = -4.1776789513432E+17
v=v_elettrone : = 29327095.498078
x0= : -4.959777131698E-13
y0= : -7.5175945055404E-14
*****
i=60003
k(60003)=0.9981357848431
kQ(60003)=0.99627504498434
r1= : 5.0593347918635E-13
rpunto1: = 18297028.124248
rduepunti0 : = 1.8845241826005E+25
fil : = 505.95749334492
fipunto1 : = 4.4824079893459E+19
fi_gradi : = 28989.228981682
t1 : = 1.0812485534406E-14
tpunto1 : = 1.0100874528735
tduepunti0 : = -4.1423932817414E+17
v=v_elettrone : = 29251441.213354
x0= : -4.9768789092314E-13
y0= : -7.8160080310989E-14
*****
i=60004
k(60004)=0.99813544055133
kQ(60004)=0.99627435768459
r1= : 5.0807933073661E-13
rpunto1: = 18298716.059114
rduepunti0 : = 1.439251085096E+25
fil : = 505.96275025444
fipunto1 : = 4.4443848794765E+19
fi_gradi : = 28989.530180411
t1 : = 1.0812485652868E-14
tpunto1 : = 1.0100392814374
tduepunti0 : = -4.1074328800665E+17
v=v_elettrone : = 29176243.027241
x0= : -4.9938430526437E-13
y0= : -8.1141857368582E-14
```

```
*****
i=60005
k(60005)=0.9981352001278
kQ(60005)=0.99627387773417
r1= : 5.1022538024568E-13
rpunto1: = 18299894.67383
rduepunti0 : = 1.0049691740577E+25
fil : = 505.96796257095
fipunto1 : = 4.4068400733343E+19
fi_gradi : = 28989.828824149
t1 : = 1.0812485771324E-14
tpunto1 : = 1.0099915162028
tduepunti0 : = -4.0727973025687E+17
v=v_elettrone : = 29101498.25303
x0= : -5.0106708721195E-13
y0= : -8.4121224638624E-14
*****
i=60006
k(60006)=0.9981350610252
kQ(60006)=0.99627360004777
r1= : 5.1237156798113E-13
rpunto1: = 18300576.553904
rduepunti0 : = 5.8141854681758E+24
fil : = 505.9731308554
fipunto1 : = 4.3697666289951E+19
fi_gradi : = 28990.124945035
t1 : = 1.0812485889775E-14
tpunto1 : = 1.0099441533674
tduepunti0 : = -4.038485939364E+17
v=v_elettrone : = 29027204.167919
x0= : -5.027363663146E-13
y0= : -8.7098132193706E-14
*****
i=60007
k(60007)=0.99813502074814
kQ(60007)=0.99627351964389
r1= : 5.1451783568659E-13
rpunto1: = 18300773.987029
rduepunti0 : = 1.6834526320396E+24
fil : = 505.97825566061
fipunto1 : = 4.3331576928936E+19
fi_gradi : = 28990.418574744
t1 : = 1.0812486008219E-14
tpunto1 : = 1.0098971891379
tduepunti0 : = -4.004498024312E+17
v=v_elettrone : = 28953358.016572
x0= : -5.0439227066286E-13
y0= : -9.0072531723083E-14
*****
i=60008
k(60008)=0.99813507685248
kQ(60008)=0.99627363164331
r1= : 5.1666412654675E-13
rpunto1: = 18300498.96994
rduepunti0 : = -2.3449876623241E+24
fil : = 505.98333753133
fipunto1 : = 4.2970065000415E+19
fi_gradi : = 28990.709744489
t1 : = 1.0812486126659E-14
tpunto1 : = 1.0098506197315
tduepunti0 : = -3.9708326444408E+17
v=v_elettrone : = 28879957.014617
x0= : -5.0603492690078E-13
y0= : -9.3044376488492E-14
```

```
*****
i=60009
k(60009)=0.99813522694459
kQ(60009)=0.99627393126774
r1= : 5.1881038515326E-13
rpunto1 : = 18299763.215148
rduepunti0 : = -6.2735589196605E+24
fil : = 505.98837700441
fipunto1 : = 4.2613063741412E+19
fi_gradi : = 28990.998485027
t1 : = 1.0812486245093E-14
tpunto1 : = 1.0098044413779
tduepunti0 : = -3.9374887489376E+17
v=v_elettrone : = 28806998.350157
x0= : -5.0766446023804E-13
y0= : -9.6013621281236E-14
*****
i=60010
k(60010)=0.99813546868061
kQ(60010)=0.99627441383826
r1= : 5.2095655747141E-13
rpunto1 : = 18298578.157536
rduepunti0 : = -1.0104628370307E+25
fil : = 505.99337460884
fipunto1 : = 4.2260507276042E+19
fi_gradi : = 28991.284826669
t1 : = 1.0812486363521E-14
tpunto1 : = 1.0097586503207
tduepunti0 : = -3.9044651577227E+17
v=v_elettrone : = 28734479.187473
x0= : -5.0928099446222E-13
y0= : -9.8980222380233E-14
*****
i=60011
k(60011)=0.99813579976568
kQ(60011)=0.99627507477387
r1= : 5.2310259080756E-13
rpunto1 : = 18296954.960833
rduepunti0 : = -1.3840508081711E+25
fil : = 505.99833086591
fipunto1 : = 4.1912330614798E+19
fi_gradi : = 28991.568799281
t1 : = 1.0812486481945E-14
tpunto1 : = 1.0097132428187
tduepunti0 : = -3.8717605696232E+17
v=v_elettrone : = 28662396.669073
x0= : -5.1088465195143E-13
y0= : -1.0194413751136E-13
*****
i=60012
k(60012)=0.99813621795322
kQ(60012)=0.99627590958995
r1= : 5.2524843377731E-13
rpunto1 : = 18294904.523951
rduepunti0 : = -1.7483456064567E+25
fil : = 506.00324628928
fipunto1 : = 4.1568469653004E+19
fi_gradi : = 28991.850432295
t1 : = 1.0812486600362E-14
tpunto1 : = 1.0096682151471
tduepunti0 : = -3.8393735701622E+17
v=v_elettrone : = 28590747.917769
x0= : -5.1247555368694E-13
y0= : -1.0490532580779E-13
```

```
*****
i=60013
k(60013)=0.99813672104414
kQ(60013)=0.99627691389674
r1= : 5.2739403627451E-13
rpunto1: = 18292437.487195
rduepunti0 : = -2.1035677372153E+25
fil : = 506.00812138509
fipunto1 : = 4.1228861168498E+19
fi_gradi : = 28992.129754709
t1 : = 1.0812486718775E-14
tpunto1 : = 1.0096235635993
tduepunti0 : = -3.8073026389812E+17
v=v_elettrone : = 28519530.039961
x0= : -5.1405381926625E-13
y0= : -1.0786374777142E-13
*****
i=60014
k(60014)=0.99813730688609
kQ(60014)=0.99627808339783
r1= : 5.2953934944086E-13
rpunto1: = 18289564.238349
rduepunti0 : = -2.4499325191619E+25
fil : = 506.01295665205
fipunto1 : = 4.0893442818594E+19
fi_gradi : = 28992.406795099
t1 : = 1.0812486837182E-14
tpunto1 : = 1.0095792844873
tduepunti0 : = -3.775546156909E+17
v=v_elettrone : = 28448740.126389
x0= : -5.1561956691609E-13
y0= : -1.108193652354E-13
*****
i=60015
k(60015)=0.9981379733727
kQ(60015)=0.99627941388855
r1= : 5.3168432563634E-13
rpunto1: = 18286294.918629
rduepunti0 : = -2.7876501926035E+25
fil : = 506.01775258159
fipunto1 : = 4.0562153136383E+19
fi_gradi : = 28992.68158162
t1 : = 1.0812486955584E-14
tpunto1 : = 1.0095353741434
tduepunti0 : = -3.7441024126924E+17
v=v_elettrone : = 28378375.255411
x0= : -5.1717291350571E-13
y0= : -1.1377214132756E-13
*****
i=60016
k(60016)=0.99813871844274
kQ(60016)=0.99628090125452
r1= : 5.3382891841027E-13
rpunto1: = 18282639.428512
rduepunti0 : = -3.1169260266201E+25
fil : = 506.02250965791
fipunto1 : = 4.0234931526427E+19
fi_gradi : = 28992.954142016
t1 : = 1.0812487073981E-14
tpunto1 : = 1.009491828921
tduepunti0 : = -3.7129696094036E+17
v=v_elettrone : = 28308432.494301
x0= : -5.1871397456024E-13
y0= : -1.167220404349E-13
```

```
*****
i=60017
k(60017)=0.99813954007945
kQ(60017)=0.99628254147002
r1= : 5.359730824731E-13
rpunto1: = 18278607.433449
rduepunti0 : = -3.4379604251255E+25
fil : = 506.02722835811
fipunto1 : = 3.9911718259876E+19
fi_gradi : = 28993.224503622
t1 : = 1.0812487192373E-14
tpunto1 : = 1.0094486451954
tduepunti0 : = -3.6821458705367E+17
v=v_elettrone : = 28238908.901283
x0= : -5.2024286427413E-13
y0= : -1.1966902816908E-13
*****
i=60018
k(60018)=0.99814043630968
kQ(60018)=0.99628433059648
r1= : 5.3811677366882E-13
rpunto1: = 18274208.369437
rduepunti0 : = -3.7509490317269E+25
fil : = 506.03190915227
fipunto1 : = 3.9592454469072E+19
fi_gradi : = 28993.492693373
t1 : = 1.081248731076E-14
tpunto1 : = 1.0094058193647
tduepunti0 : = -3.6516292458079E+17
v=v_elettrone : = 28169801.527314
x0= : -5.2175969552475E-13
y0= : -1.2261307133272E-13
*****
i=60019
k(60019)=0.99814140520317
kQ(60019)=0.99628626478097
r1= : 5.4025994894806E-13
rpunto1: = 18269451.448489
rduepunti0 : = -4.0560828333083E+25
fil : = 506.0365525036
fipunto1 : = 3.9277082141672E+19
fi_gradi : = 28993.758737807
t1 : = 1.0812487429142E-14
tpunto1 : = 1.0093633478509
tduepunti0 : = -3.6214177166708E+17
v=v_elettrone : = 28101107.417989
x0= : -5.2326457988599E-13
y0= : -1.2555413788673E-13
*****
i=60020
k(60020)=0.99814244487176
kQ(60020)=0.99628834025458
r1= : 5.4240256634183E-13
rpunto1: = 18264345.663974
rduepunti0 : = -4.3535482622729E+25
fil : = 506.04115886847
fipunto1 : = 3.8965544114332E+19
fi_gradi : = 28994.022663073
t1 : = 1.0812487547519E-14
tpunto1 : = 1.0093212271003
tduepunti0 : = -3.5915092015596E+17
v=v_elettrone : = 28032823.614567
x0= : -5.2475762764195E-13
y0= : -1.2849219691854E-13
```

```
*****
i=60021
k(60021)=0.99814355346862
kQ(60021)=0.99629055333097
r1= : 5.4454458493586E-13
rpunto1: = 18258899.795835
rduepunti0 : = -4.6435272973874E+25
fil : = 506.04572869657
fipunto1 : = 3.8657784065989E+19
fi_gradi : = 28994.284494936
t1 : = 1.0812487665891E-14
tpunto1 : = 1.0092794535842
tduepunti0 : = -3.5619015608727E+17
v=v_elettrone : = 27964947.155888
x0= : -5.2623894780068E-13
y0= : -1.3142721861105E-13
*****
i=60022
k(60022)=0.99814472918751
kQ(60022)=0.9962929004048
r1= : 5.4668596484559E-13
rpunto1: = 18253122.415702
rduepunti0 : = -4.9261975631776E+25
fil : = 506.05026243097
fipunto1 : = 3.8353746510778E+19
fi_gradi : = 28994.544258782
t1 : = 1.0812487784258E-14
tpunto1 : = 1.0092380237998
tduepunti0 : = -3.5325926017063E+17
v=v_elettrone : = 27897475.079788
x0= : -5.2770864810792E-13
y0= : -1.3435917421254E-13
*****
i=60023
k(60023)=0.99814597026199
kQ(60023)=0.99629537795025
r1= : 5.4882666719172E-13
rpunto1: = 18247021.89188
rduepunti0 : = -5.2017324278326E+25
fil : = 506.05476050825
fipunto1 : = 3.8053376790615E+19
fi_gradi : = 28994.801979626
t1 : = 1.081248790262E-14
tpunto1 : = 1.0091969342704
tduepunti0 : = -3.5035800823502E+17
v=v_elettrone : = 27830404.424577
x0= : -5.2916683506091E-13
y0= : -1.3728803600741E-13
*****
i=60024
k(60024)=0.99814727496471
kQ(60024)=0.99629798251948
r1= : 5.509666540764E-13
rpunto1: = 18240606.394229
rduepunti0 : = -5.4703010995823E+25
fil : = 506.05922335855
fipunto1 : = 3.7756621067479E+19
fi_gradi : = 28995.057682113
t1 : = 1.0812488020977E-14
tpunto1 : = 1.0091561815462
tduepunti0 : = -3.4748617165564E+17
v=v_elettrone : = 27763732.229802
x0= : -5.3061361392212E-13
y0= : -1.402137728767E-13
```



```
*****
i=60025
k(60025)=0.99814864160664
kQ(60025)=0.99630071074119
r1= : 5.5310588855989E-13
rpunto1: = 18233883.898931
rduepunti0 : = -5.7320687215139E+25
fil : = 506.06365140574
fipunto1 : = 3.7463426315418E+19
fi_gradi : = 28995.311390528
t1 : = 1.081248813933E-14
tpunto1 : = 1.0091157622048
tduepunti0 : = -3.4464351775894E+17
v=v_elettrone : = 27697455.538048
x0= : -5.3204908873311E-13
y0= : -1.4313637232518E-13
*****
i=60026
k(60026)=0.99815006853633
kQ(60026)=0.99630355931909
r1= : 5.5524433463792E-13
rpunto1: = 18226862.19315
rduepunti0 : = -5.9871964648066E+25
fil : = 506.06804506742
fipunto1 : = 3.7173740312319E+19
fi_gradi : = 28995.5631288
t1 : = 1.0812488257677E-14
tpunto1 : = 1.0090756728513
tduepunti0 : = -3.4182981020686E+17
v=v_elettrone : = 27631571.396004
x0= : -5.3347336232818E-13
y0= : -1.4605579634471E-13
*****
i=60027
k(60027)=0.99815155413919
kQ(60027)=0.99630652503048
r1= : 5.5738195721947E-13
rpunto1: = 18219548.87958
rduepunti0 : = -6.2358416203597E+25
fil : = 506.07240475511
fipunto1 : = 3.6887511631448E+19
fi_gradi : = 28995.812920504
t1 : = 1.081248837602E-14
tpunto1 : = 1.0090359101191
tduepunti0 : = -3.3904480936123E+17
v=v_elettrone : = 27566076.855349
x0= : -5.3488653634823E-13
y0= : -1.4897202549774E-13
*****
i=60028
k(60028)=0.99815309683675
kQ(60028)=0.99630960472479
r1= : 5.5951872210516E-13
rpunto1: = 18211951.38089
rduepunti0 : = -6.478157688802E+25
fil : = 506.07673087428
fipunto1 : = 3.6604689632804E+19
fi_gradi : = 28996.060788874
t1 : = 1.0812488494359E-14
tpunto1 : = 1.0089964706699
tduepunti0 : = -3.3628827262919E+17
v=v_elettrone : = 27500968.973888
x0= : -5.3628871125435E-13
y0= : -1.5188503683693E-13
```

```
*****
i=60029
k(60029)=0.99815469508596
kQ(60029)=0.99631279532215
r1= : 5.6165459596613E-13
rpunto1: = 18204076.944071
rduepunti0 : = -6.7142944688675E+25
fil : = 506.08102382445
fipunto1 : = 3.6325224454296E+19
fi_gradi : = 28996.3067568
t1 : = 1.0812488612693E-14
tpunto1 : = 1.0089573511942
tduepunti0 : = -3.3355995479041E+17
v=v_elettrone : = 27436244.816494
x0= : -5.3767998634156E-13
y0= : -1.5479480829127E-13
*****
i=60030
k(60030)=0.9981563473785
kQ(60030)=0.99631609381199
r1= : 5.6378954632344E-13
rpunto1: = 18195932.644668
rduepunti0 : = -6.9443981441322E+25
fil : = 506.08528399931
fipunto1 : = 3.6049067002777E+19
fi_gradi : = 28996.55084684
t1 : = 1.0812488731022E-14
tpunto1 : = 1.0089185484117
tduepunti0 : = -3.3085960830708E+17
v=v_elettrone : = 27371901.456075
x0= : -5.3906045975239E-13
y0= : -1.5770131864197E-13
*****
i=60031
k(60031)=0.99815805224003
kQ(60031)=0.99631949725161
r1= : 5.6592354152796E-13
rpunto1: = 18187525.390925
rduepunti0 : = -7.1686113681072E+25
fil : = 506.08951178678
fipunto1 : = 3.5776168944936E+19
fi_gradi : = 28996.793081219
t1 : = 1.0812488849346E-14
tpunto1 : = 1.0088800590711
tduepunti0 : = -3.2818698361732E+17
v=v_elettrone : = 27307935.974356
x0= : -5.4043022849045E-13
y0= : -1.6060454749898E-13
*****
i=60032
k(60032)=0.99815980822954
kQ(60032)=0.99632300276484
r1= : 5.6805655074074E-13
rpunto1: = 18178861.927827
rduepunti0 : = -7.387073347686E+25
fil : = 506.09370756913
fipunto1 : = 3.5506482698092E+19
fi_gradi : = 28997.033481839
t1 : = 1.0812488967667E-14
tpunto1 : = 1.0088418799507
tduepunti0 : = -3.2554182941286E+17
v=v_elettrone : = 27244345.463256
x0= : -5.417893884339E-13
y0= : -1.635044752781E-13
```

```

*****
i=60033
k(60033)=0.99816161393868
kQ(60033)=0.99632660754067
r1= : 5.701885439139E-13
rpunto1 : = 18169948.841045
rduepunti0 : = -7.5999199249496E+25
fil : = 506.09787172302
fipunto1 : = 3.5239961420884E+19
fi_gradi : = 28997.272070282
t1 : = 1.0812489085982E-14
tpunto1 : = 1.0088040078585
tduepunti0 : = -3.229238929016E+17
v=v_elettrone : = 27181127.024454
x0= : -5.4313803434889E-13
y0= : -1.6640108317886E-13
*****
i=60034
k(60034)=0.99816346799104
kQ(60034)=0.99633030883191
r1= : 5.7231949177188E-13
rpunto1 : = 18160792.560787
rduepunti0 : = -7.807283657333E+25
fil : = 506.10200461965
fipunto1 : = 3.4976559003888E+19
fi_gradi : = 28997.508867816
t1 : = 1.0812489204293E-14
tpunto1 : = 1.0087664396322
tduepunti0 : = -3.2033292005591E+17
v=v_elettrone : = 27118277.771378
x0= : -5.4447625990289E-13
y0= : -1.692943531628E-13
*****
i=60035
k(60035)=0.99816536904155
kQ(60035)=0.99633410395385
r1= : 5.7444936579328E-13
rpunto1 : = 18151399.365561
rduepunti0 : = -8.0092938961612E+25
fil : = 506.10610662479
fipunto1 : = 3.4716230060173E+19
fi_gradi : = 28997.743895398
t1 : = 1.08124893226E-14
tpunto1 : = 1.0087291721395
tduepunti0 : = -3.1776865584712E+17
v=v_elettrone : = 27055794.829354
x0= : -5.4580415767798E-13
y0= : -1.721842679325E-13
*****
i=60036
k(60036)=0.99816731577577
kQ(60036)=0.996337990283
r1= : 5.7657813819301E-13
rpunto1 : = 18141775.385841
rduepunti0 : = -8.2060768635632E+25
fil : = 506.11017809889
fipunto1 : = 3.4458929915806E+19
fi_gradi : = 28997.977173681
t1 : = 1.0812489440903E-14
tpunto1 : = 1.0086922022779
tduepunti0 : = -3.1523084446703E+17
v=v_elettrone : = 26993675.336151
x0= : -5.47121819184E-13
y0= : -1.7507081091116E-13

```

```
*****
i=60037
k(60037)=0.99816930690929
kQ(60037)=0.99634196525578
r1= : 5.7870578190498E-13
rpunto1 : = 18131926.607655
rduepunti0 : = -8.3977557277763E+25
fil : = 506.11421939716
fipunto1 : = 3.4204614600327E+19
fi_gradi : = 28998.208723015
t1 : = 1.0812489559201E-14
tpunto1 : = 1.0086555269753
tduepunti0 : = -3.127192295369E+17
v=v_elettrone : = 26931916.44291
x0= : -5.4842933487164E-13
y0= : -1.7795396622264E-13
*****
i=60038
k(60038)=0.99817134118709
kQ(60038)=0.99634602636724
r1= : 5.8083227056511E-13
rpunto1 : = 18121858.876071
rduepunti0 : = -8.5844506768532E+25
fil : = 506.11823086967
fipunto1 : = 3.3953240837195E+19
fi_gradi : = 28998.43856346
t1 : = 1.0812489677495E-14
tpunto1 : = 1.0086191431894
tduepunti0 : = -3.1023355430461E+17
v=v_elettrone : = 26870515.314018
x0= : -5.4972679414545E-13
y0= : -1.8083371867219E-13
*****
i=60039
k(60039)=0.99817341738292
kQ(60039)=0.99635017116989
r1= : 5.8295757849484E-13
rpunto1 : = 18111577.898617
rduepunti0 : = -8.7662789907875E+25
fil : = 506.12221286139
fipunto1 : = 3.3704766034233E+19
fi_gradi : = 28998.666714779
t1 : = 1.0812489795784E-14
tpunto1 : = 1.0085830479083
tduepunti0 : = -3.0777356183051E+17
v=v_elettrone : = 26809469.128617
x0= : -5.5101428537674E-13
y0= : -1.8371005372756E-13
*****
i=60040
k(60040)=0.99817553429866
kQ(60040)=0.99635439727241
r1= : 5.8508168068496E-13
rpunto1 : = 18101089.248601
rduepunti0 : = -8.9433551120737E+25
fil : = 506.12616571231
fipunto1 : = 3.3459148274067E+19
fi_gradi : = 28998.893196454
t1 : = 1.0812489914069E-14
tpunto1 : = 1.0085472381499
tduepunti0 : = -3.0533899516239E+17
v=v_elettrone : = 26748775.080626
x0= : -5.5229189591634E-13
y0= : -1.8658295750068E-13
```

```
*****
i=60041
k(60041)=0.99817769076376
kQ(60041)=0.99635870233848
r1= : 5.8720455277992E-13
rpunto1: = 18090398.368364
rduepunti0 : = -9.1157907147187E+25
fil : = 506.1300897575
fipunto1 : = 3.3216346304575E+19
fi_gradi : = 28999.118027682
t1 : = 1.0812490032351E-14
tpunto1 : = 1.0085117109625
tduepunti0 : = -3.0292959750032E+17
v=v_elettrone : = 26688430.37915
x0= : -5.535597121073E-13
y0= : -1.8945241672997E-13
*****
i=60042
k(60042)=0.99817988563464
kQ(60042)=0.99636308408558
r1= : 5.8932617106241E-13
rpunto1: = 18079510.572443
rduepunti0 : = -9.2836947717254E+25
fil : = 506.13398532719
fipunto1 : = 3.2976319529361E+19
fi_gradi : = 28999.341227384
t1 : = 1.0812490150627E-14
tpunto1 : = 1.0084764634245
tduepunti0 : = -3.0054511235156E+17
v=v_elettrone : = 26628432.248432
x0= : -5.5481781929747E-13
y0= : -1.9231841876292E-13
*****
i=60043
k(60043)=0.99818211779408
kQ(60043)=0.99636754028388
r1= : 5.9144651243842E-13
rpunto1: = 18068431.050664
rduepunti0 : = -9.4471736210656E+25
fil : = 506.13785274685
fipunto1 : = 3.2739027998253E+19
fi_gradi : = 28999.562814209
t1 : = 1.08124902689E-14
tpunto1 : = 1.008441492644
tduepunti0 : = -2.9818528367623E+17
v=v_elettrone : = 26568777.929638
x0= : -5.5606630185199E-13
y0= : -1.9518095153917E-13
*****
i=60044
k(60044)=0.99818438615071
kQ(60044)=0.99637206875506
r1= : 5.935655544226E-13
rpunto1: = 18057164.871154
rduepunti0 : = -9.6063310301661E+25
fil : = 506.14169233728
fipunto1 : = 3.2504432397838E+19
fi_gradi : = 28999.782806535
t1 : = 1.0812490387169E-14
tpunto1 : = 1.0084067957595
tduepunti0 : = -2.9584985602409E+17
v=v_elettrone : = 26509464.679694
x0= : -5.573052431656E-13
y0= : -1.9804000357429E-13
```

```
*****
i=60045
k(60045)=0.99818668963836
kQ(60045)=0.99637666737119
r1= : 5.9568327512396E-13
rpunto1: = 18045716.983288
rduepunti0 : = -9.7612682589268E+25
fil : = 506.14550441464
fipunto1 : = 3.2272494042042E+19
fi_gradi : = 29000.001222479
t1 : = 1.0812490505434E-14
tpunto1 : = 1.008372369939
tduepunti0 : = -2.9353857466284E+17
v=v_elettrone : = 26450489.772572
x0= : -5.5853472567493E-13
y0= : -2.0089556394367E-13
*****
i=60046
k(60046)=0.99818902721561
kQ(60046)=0.99638133405365
r1= : 5.97799653232E-13
rpunto1: = 18034092.220548
rduepunti0 : = -9.9120841212944E+25
fil : = 506.14928929057
fipunto1 : = 3.2043174862758E+19
fi_gradi : = 29000.218079896
t1 : = 1.0812490623694E-14
tpunto1 : = 1.0083382123805
tduepunti0 : = -2.9125118569842E+17
v=v_elettrone : = 26391850.499494
x0= : -5.5975483087056E-13
y0= : -2.0374762226707E-13
*****
i=60047
k(60047)=0.99819139786519
kQ(60047)=0.99638606677207
r1= : 5.9991466800305E-13
rpunto1: = 18022295.303331
rduepunti0 : = -1.0058875045414E+26
fil : = 506.15304727225
fipunto1 : = 3.1816437400534E+19
fi_gradi : = 29000.433396385
t1 : = 1.0812490741951E-14
tpunto1 : = 1.0083043203116
tduepunti0 : = -2.8898743618762E+17
v=v_elettrone : = 26333544.169088
x0= : -5.6096563930908E-13
y0= : -2.0659616869356E-13
*****
i=60048
k(60048)=0.99819380059346
kQ(60048)=0.99639086354322
r1= : 6.0202829924706E-13
rpunto1: = 18010330.841671
rduepunti0 : = -1.0201735132384E+26
fil : = 506.15677866245
fipunto1 : = 3.159224479532E+19
fi_gradi : = 29000.647189296
t1 : = 1.0812490860203E-14
tpunto1 : = 1.0082706909894
tduepunti0 : = -2.8674707424342E+17
v=v_elettrone : = 26275568.107065
x0= : -5.6216723062491E-13
y0= : -2.094411938868E-13
```

```
*****
i=60049
k(60049)=0.9981962344299
kQ(60049)=0.99639572243002
r1= : 6.0414052731464E-13
rpunto1: = 17998203.337903
rduepunti0 : = -1.0340756213632E+26
fil : = 506.16048375964
fipunto1 : = 3.1370560777283E+19
fi_gradi : = 29000.859475727
t1 : = 1.0812490978452E-14
tpunto1 : = 1.0082373217005
tduepunti0 : = -2.8452984913341E+17
v=v_elettrone : = 26217919.657972
x0= : -5.6335968354213E-13
y0= : -2.122826890107E-13
*****
i=60050
k(60050)=0.99819869842659
kQ(60050)=0.99640064154053
r1= : 6.0625133308443E-13
rpunto1: = 17985917.18926
rduepunti0 : = -1.0476027906944E+26
fil : = 506.16416285802
fipunto1 : = 3.1151349657696E+19
fi_gradi : = 29001.070272537
t1 : = 1.0812491096697E-14
tpunto1 : = 1.0082042097606
tduepunti0 : = -2.8233551137162E+17
v=v_elettrone : = 26160596.18371
x0= : -5.6454307588607E-13
y0= : -2.1512064571563E-13
*****
i=60051
k(60051)=0.99820119165773
kQ(60051)=0.9964056190269
r1= : 6.0836069795076E-13
rpunto1: = 17973476.690406
rduepunti0 : = -1.0607637671164E+26
fil : = 506.1678162476
fipunto1 : = 3.0934576319904E+19
fi_gradi : = 29001.279596341
t1 : = 1.0812491214938E-14
tpunto1 : = 1.0081713525148
tduepunti0 : = -2.8016381280411E+17
v=v_elettrone : = 26103595.064757
x0= : -5.6571748459481E-13
y0= : -2.179550561248E-13
*****
i=60052
k(60052)=0.99820371321912
kQ(60052)=0.99641065308444
r1= : 6.1046860381164E-13
rpunto1: = 17960886.035902
rduepunti0 : = -1.0735670859594E+26
fil : = 506.17144421429
fipunto1 : = 3.0720206210368E+19
fi_gradi : = 29001.48746352
t1 : = 1.0812491333175E-14
tpunto1 : = 1.0081387473367
tduepunti0 : = -2.7801450668856E+17
v=v_elettrone : = 26046913.700702
x0= : -5.6688298573064E-13
y0= : -2.2078591282111E-13
```

```

*****
i=60053
k(60053)=0.99820626222772
kQ(60053)=0.99641574195064
r1= : 6.1257503305701E-13
rpunto1: = 17948149.322615
rduepunti0 : = -1.0860210772112E+26
fil : = 506.17504703993
fipunto1 : = 3.0508205329795E+19
fi_gradi : = 29001.693890224
t1 : = 1.0812491451408E-14
tpunto1 : = 1.008106391629
tduepunti0 : = -2.7588734776828E+17
v=v_elettrone : = 25990549.508814
x0= : -5.680396544912E-13
y0= : -2.2361320883447E-13
*****
i=60054
k(60054)=0.99820883782115
kQ(60054)=0.99642088390425
r1= : 6.1467996855729E-13
rpunto1: = 17935270.55207
rduepunti0 : = -1.0981338706042E+26
fil : = 506.17862500239
fipunto1 : = 3.0298540224353E+19
fi_gradi : = 29001.898892372
t1 : = 1.0812491569637E-14
tpunto1 : = 1.008074282823
tduepunti0 : = -2.7378209234074E+17
v=v_elettrone : = 25934499.926175
x0= : -5.6918756522075E-13
y0= : -2.2643693762915E-13
*****
i=60055
k(60055)=0.99821143915721
kQ(60055)=0.99642607726432
r1= : 6.1678339365218E-13
rpunto1: = 17922253.632737
rduepunti0 : = -1.1099134005791E+26
fil : = 506.1821783756
fipunto1 : = 3.0091177976983E+19
fi_gradi : = 29002.10248566
t1 : = 1.0812491687863E-14
tpunto1 : = 1.0080424183781
tduepunti0 : = -2.7169849832114E+17
v=v_elettrone : = 25878762.408123
x0= : -5.7032679142107E-13
y0= : -2.2925709309186E-13
*****
i=60056
k(60056)=0.9982140654135
kQ(60056)=0.99643132038935
r1= : 6.1888529213979E-13
rpunto1: = 17909102.382265
rduepunti0 : = -1.1213674111286E+26
fil : = 506.18570742963
fipunto1 : = 2.9886086198796E+19
fi_gradi : = 29002.304685562
t1 : = 1.0812491806085E-14
tpunto1 : = 1.0080107957822
tduepunti0 : = -2.6963632530099E+17
v=v_elettrone : = 25823334.429646
x0= : -5.7145740576244E-13
y0= : -2.3207366951977E-13

```



```
*****
i=60057
k(60057)=0.9982167157869
kQ(60057)=0.99643661167638
r1= : 6.2098564826593E-13
rpunto1: = 17895820.529661
rduepunti0 : = -1.1325034605225E+26
fil : = 506.18921243077
fipunto1 : = 2.968323302057E+19
fi_gradi : = 29002.505507334
t1 : = 1.0812491924303E-14
tpunto1 : = 1.007979412551
tduepunti0 : = -2.6759533460222E+17
v=v_elettrone : = 25768213.484564
x0= : -5.7257948009428E-13
y0= : -2.348866616092E-13
*****
i=60058
k(60058)=0.99821938949316
kQ(60058)=0.99644194956011
r1= : 6.2308444671374E-13
rpunto1: = 17882411.717413
rduepunti0 : = -1.1433289259185E+26
fil : = 506.19269364155
fipunto1 : = 2.9482587084344E+19
fi_gradi : = 29002.70496602
t1 : = 1.0812492042518E-14
tpunto1 : = 1.0079482662281
tduepunti0 : = -2.6557528932682E+17
v=v_elettrone : = 25713397.086169
x0= : -5.7369308545591E-13
y0= : -2.3769606444435E-13
*****
i=60059
k(60059)=0.99822208576653
kQ(60059)=0.99644733251208
r1= : 6.2518167259358E-13
rpunto1: = 17868879.503563
rduepunti0 : = -1.1538510078583E+26
fil : = 506.19615132084
fipunto1 : = 2.9284117535107E+19
fi_gradi : = 29002.90307645
t1 : = 1.0812492160728E-14
tpunto1 : = 1.0079173543846
tduepunti0 : = -2.6357595440243E+17
v=v_elettrone : = 25658882.766935
x0= : -5.7479829208695E-13
y0= : -2.4050187348646E-13
*****
i=60060
k(60060)=0.99822480385925
kQ(60060)=0.99645275903984
r1= : 6.2727731143306E-13
rpunto1: = 17855227.363725
rduepunti0 : = -1.1640767346547E+26
fil : = 506.19958572388
fipunto1 : = 2.9087794012596E+19
fi_gradi : = 29003.099853249
t1 : = 1.0812492278936E-14
tpunto1 : = 1.0078866746189
tduepunti0 : = -2.6159709662393E+17
v=v_elettrone : = 25604668.079045
x0= : -5.7589516943776E-13
y0= : -2.4330408456326E-13
```

```
*****
i=60061
k(60061)=0.99822754304122
kQ(60061)=0.99645822768612
r1= : 6.2937134916742E-13
rpunto1: = 17841458.693056
rduepunti0 : = -1.1740129666689E+26
fil : = 506.20299710235
fipunto1 : = 2.8893586643187E+19
fi_gradi : = 29003.295310838
t1 : = 1.0812492397139E-14
tpunto1 : = 1.0078562245567
tduepunti0 : = -2.5963848469138E+17
v=v_elettrone : = 25550750.593987
x0= : -5.7698378617964E-13
y0= : -2.4610269385866E-13
*****
i=60062
k(60062)=0.99823030259957
kQ(60062)=0.99646373702803
r1= : 6.3146377213007E-13
rpunto1: = 17827576.808177
rduepunti0 : = -1.1836664004832E+26
fil : = 506.20638570444
fipunto1 : = 2.8701466031896E+19
fi_gradi : = 29003.489463436
t1 : = 1.0812492515339E-14
tpunto1 : = 1.0078260018504
tduepunti0 : = -2.5769988924434E+17
v=v_elettrone : = 25497127.90275
x0= : -5.7806421021502E-13
y0= : -2.4889769790276E-13
*****
i=60063
k(60063)=0.99823308183826
kQ(60063)=0.99646928567632
r1= : 6.335545670434E-13
rpunto1: = 17813584.949045
rduepunti0 : = -1.1930435729693E+26
fil : = 506.20975177487
fipunto1 : = 2.8511403254479E+19
fi_gradi : = 29003.682325065
t1 : = 1.0812492633536E-14
tpunto1 : = 1.0077960041792
tduepunti0 : = -2.5578108289297E+17
v=v_elettrone : = 25443797.615955
x0= : -5.791365086874E-13
y0= : -2.516890935621E-13
*****
i=60064
k(60064)=0.99823588007774
kQ(60064)=0.99647487227457
r1= : 6.3564372100978E-13
rpunto1: = 17799486.280778
rduepunti0 : = -1.2021508652555E+26
fil : = 506.21309555499
fipunto1 : = 2.832336984964E+19
fi_gradi : = 29003.873909554
t1 : = 1.0812492751729E-14
tpunto1 : = 1.0077662292488
tduepunti0 : = -2.5388184024585E+17
v=v_elettrone : = 25390757.36328
x0= : -5.8020074799122E-13
y0= : -2.5447687803016E-13
```

```
*****
i=60065
k(60065)=0.99823869665451
kQ(60065)=0.9964804954985
r1= : 6.3773122150277E-13
rpunto1: = 17785283.895442
rduepunti0 : = -1.210994506595E+26
fil : = 506.2164172828
fipunto1 : = 2.8137337811346E+19
fi_gradi : = 29004.064230538
t1 : = 1.0812492869918E-14
tpunto1 : = 1.0077366747908
tduepunti0 : = -2.5200193793487E+17
v=v_elettrone : = 25338004.79501
x0= : -5.8125699378172E-13
y0= : -2.5726104881812E-13
*****
i=60066
k(60066)=0.99824153092083
kQ(60066)=0.99648615405517
r1= : 6.3981705635856E-13
rpunto1: = 17770980.81378
rduepunti0 : = -1.219580578138E+26
fil : = 506.21971719301
fipunto1 : = 2.7953279581242E+19
fi_gradi : = 29004.253301466
t1 : = 1.0812492988104E-14
tpunto1 : = 1.007707338563
tduepunti0 : = -2.5014115463725E+17
v=v_elettrone : = 25285537.579595
x0= : -5.8230531098439E-13
y0= : -2.6004160374599E-13
*****
i=60067
k(60067)=0.99824438224432
kQ(60067)=0.99649184668235
r1= : 6.4190121376762E-13
rpunto1: = 17756579.986913
rduepunti0 : = -1.2279150166079E+26
fil : = 506.22299551712
fipunto1 : = 2.7771168041176E+19
fi_gradi : = 29004.441135601
t1 : = 1.0812493106287E-14
tpunto1 : = 1.0076782183489
tduepunti0 : = -2.4829927109494E+17
v=v_elettrone : = 25233353.406402
x0= : -5.8334576380465E-13
y0= : -2.6281854093366E-13
*****
i=60068
k(60068)=0.9982472500076
kQ(60068)=0.99649757214774
r1= : 6.4398368226653E-13
rpunto1: = 17742084.297987
rduepunti0 : = -1.2360036178869E+26
fil : = 506.22625248342
fipunto1 : = 2.7590976505834E+19
fi_gradi : = 29004.627746024
t1 : = 1.0812493224466E-14
tpunto1 : = 1.0076493119575
tduepunti0 : = -2.4647607013138E+17
v=v_elettrone : = 25181449.983153
x0= : -5.8437841573711E-13
y0= : -2.6559185879265E-13
```

```

*****
i=60069
k(60069)=0.99825013360798
kQ(60069)=0.99650332924835
r1= : 6.4606445072997E-13
rpunto1: = 17727496.563786
rduepunti0 : = -1.2438520405104E+26
fil : = 506.22948831709
fipunto1 : = 2.741267871547E+19
fi_gradi : = 29004.813145636
t1 : = 1.0812493342642E-14
tpunto1 : = 1.0076206172228
tduepunti0 : = -2.4467133666594E+17
v=v_elettrone : = 25129825.037696
x0= : -5.8540332957488E-13
y0= : -2.6836155601763E-13
*****
i=60070
k(60070)=0.9982530324571
kQ(60070)=0.9965091168098
r1= : 6.4814350836302E-13
rpunto1: = 17712819.536302
rduepunti0 : = -1.2514658090735E+26
fil : = 506.23270324023
fipunto1 : = 2.7236248828758E+19
fi_gradi : = 29004.997347164
t1 : = 1.0812493460814E-14
tpunto1 : = 1.0075921320041
tduepunti0 : = -2.428848577261E+17
v=v_elettrone : = 25078476.317082
x0= : -5.8642056741872E-13
y0= : -2.7112763157844E-13
*****
i=60071
k(60071)=0.99825594598063
kQ(60071)=0.99651493368568
r1= : 6.5022084469346E-13
rpunto1: = 17698055.904268
rduepunti0 : = -1.258850317552E+26
fil : = 506.2358974719
fipunto1 : = 2.7061661415734E+19
fi_gradi : = 29005.180363158
t1 : = 1.0812493578983E-14
tpunto1 : = 1.0075638541851
tduepunti0 : = -2.4111642245745E+17
v=v_elettrone : = 25027401.587685
x0= : -5.8743019068604E-13
y0= : -2.7389008471224E-13
*****
i=60072
k(60072)=0.99825887361792
kQ(60072)=0.99652077875691
r1= : 6.5229644956442E-13
rpunto1: = 17683208.29465
rduepunti0 : = -1.2660108325387E+26
fil : = 506.23907122819
fipunto1 : = 2.6888891450854E+19
fi_gradi : = 29005.362205998
t1 : = 1.0812493697149E-14
tpunto1 : = 1.0075357816743
tduepunti0 : = -2.3936582213167E+17
v=v_elettrone : = 24976598.635492
x0= : -5.8843226011983E-13
y0= : -2.7664891491588E-13

```

```
*****
i=60073
k(60073)=0.9982618148217
kQ(60073)=0.9965266509311
r1= : 6.5437031312713E-13
rpunto1 : = 17668279.274105
rduepunti0 : = -1.272952496399E+26
fil : = 506.24222472225
fipunto1 : = 2.6717914306156E+19
fi_gradi : = 29005.542887898
t1 : = 1.0812493815312E-14
tpunto1 : = 1.0075079124041
tduepunti0 : = -2.3763285015264E+17
v=v_elettrone : = 24926065.265674
x0= : -5.894268357974E-13
y0= : -2.7940412193847E-13
*****
i=60074
k(60074)=0.99826476905778
kQ(60074)=0.99653254914198
r1= : 6.5644242583382E-13
rpunto1 : = 17653271.350402
rduepunti0 : = -1.2796803303456E+26
fil : = 506.24535816433
fipunto1 : = 2.6548705744523E+19
fi_gradi : = 29005.722420905
t1 : = 1.0812493933471E-14
tpunto1 : = 1.0074802443312
tduepunti0 : = -2.3591730206076E+17
v=v_elettrone : = 24875799.3021
x0= : -5.9041397713907E-13
y0= : -2.8215570577417E-13
*****
i=60075
k(60075)=0.99826773580474
kQ(60075)=0.99653847234873
r1= : 6.5851277843082E-13
rpunto1 : = 17638186.973809
rduepunti0 : = -1.2861992374355E+26
fil : = 506.24847176185
fipunto1 : = 2.6381241913051E+19
fi_gradi : = 29005.900816902
t1 : = 1.0812494051627E-14
tpunto1 : = 1.0074527754358
tduepunti0 : = -2.3421897553553E+17
v=v_elettrone : = 24825798.588576
x0= : -5.9139374291676E-13
y0= : -2.8490366665504E-13
*****
i=60076
k(60076)=0.99827071455366
kQ(60076)=0.99654441953548
r1= : 6.6058136195185E-13
rpunto1 : = 17623028.538441
rduepunti0 : = -1.2925140054913E+26
fil : = 506.25156571943
fipunto1 : = 2.6215499336527E+19
fi_gradi : = 29006.078087613
t1 : = 1.081249416978E-14
tpunto1 : = 1.0074255037216
tduepunti0 : = -2.3253767039659E+17
v=v_elettrone : = 24776060.987361
x0= : -5.9236619126238E-13
y0= : -2.8764800504434E-13
```

```
*****
i=60077
k(60077)=0.9982737048078
kQ(60077)=0.9965503897107
r1= : 6.6264816771138E-13
rpunto1: = 17607798.383582
rduepunti0 : = -1.2986293099481E+26
fil : = 506.25464023893
fipunto1 : = 2.6051454910999E+19
fi_gradi : = 29006.254244605
t1 : = 1.0812494287929E-14
tpunto1 : = 1.0073984272158
tduepunti0 : = -2.3087318860322E+17
v=v_elettrone : = 24726584.380077
x0= : -5.9333137967615E-13
y0= : -2.9038872162974E-13
*****
i=60078
k(60078)=0.99827670608235
kQ(60078)=0.99655638190662
r1= : 6.6471318729826E-13
rpunto1: = 17592498.794967
rduepunti0 : = -1.3045497166277E+26
fil : = 506.25769551952
fipunto1 : = 2.5889085897459E+19
fi_gradi : = 29006.429299288
t1 : = 1.0812494406076E-14
tpunto1 : = 1.0073715439681
tduepunti0 : = -2.2922533425247E+17
v=v_elettrone : = 24677366.667019
x0= : -5.9428936503487E-13
y0= : -2.9312581731692E-13
*****
i=60079
k(60079)=0.99827971790412
kQ(60079)=0.99656239517872
r1= : 6.6677641256937E-13
rpunto1: = 17577132.006038
rduepunti0 : = -1.3102796844429E+26
fil : = 506.26073175769
fipunto1 : = 2.5728369915618E+19
fi_gradi : = 29006.60326292
t1 : = 1.0812494524219E-14
tpunto1 : = 1.0073448520513
tduepunti0 : = -2.2759391357594E+17
v=v_elettrone : = 24628405.767285
x0= : -5.9524020359994E-13
y0= : -2.9585929322316E-13
*****
i=60080
k(60080)=0.99828273981132
kQ(60080)=0.9965684286052
r1= : 6.6883783564356E-13
rpunto1: = 17561700.199166
rduepunti0 : = -1.3158235680323E+26
fil : = 506.2637491473
fipunto1 : = 2.5569284937789E+19
fi_gradi : = 29006.77614661
t1 : = 1.0812494642359E-14
tpunto1 : = 1.0073183495605
tduepunti0 : = -2.2597873493534E+17
v=v_elettrone : = 24579699.618428
x0= : -5.9618395102544E-13
y0= : -2.9858915067124E-13
```

```
*****
i=60081
k(60081)=0.99828577135328
kQ(60081)=0.99657448128642
r1= : 6.708974488956E-13
rpunto1 : = 17546205.506846
rduepunti0 : = -1.3211856203288E+26
fil : = 506.26674787962
fipunto1 : = 2.5411809282864E+19
fi_gradi : = 29006.947961316
t1 : = 1.0812494760496E-14
tpunto1 : = 1.0072920346132
tduepunti0 : = -2.2437960881685E+17
v=v_elettrone : = 24531246.177392
x0= : -5.9712066236597E-13
y0= : -3.0131539118336E-13
*****
i=60082
k(60082)=0.99828881209018
kQ(60082)=0.99658055234443
r1= : 6.7295524495037E-13
rpunto1 : = 17530650.012857
rduepunti0 : = -1.3263699950617E+26
fil : = 506.26972814341
fipunto1 : = 2.5255921610395E+19
fi_gradi : = 29007.118717853
t1 : = 1.081249487863E-14
tpunto1 : = 1.0072659053487
tduepunti0 : = -2.2279634782445E+17
v=v_elettrone : = 24483043.418704
x0= : -5.9805039208438E-13
y0= : -3.0403801647548E-13
*****
i=60083
k(60083)=0.99829186159281
kQ(60083)=0.99658664092244
r1= : 6.7501121667714E-13
rpunto1 : = 17515035.753398
rduepunti0 : = -1.331380749196E+26
fil : = 506.2726901249
fipunto1 : = 2.5101600914765E+19
fi_gradi : = 29007.288426891
t1 : = 1.0812494996761E-14
tpunto1 : = 1.007239959928
tduepunti0 : = -2.2122876667214E+17
v=v_elettrone : = 24435089.335772
x0= : -5.9897319405951E-13
y0= : -3.0675702845145E-13
*****
i=60084
k(60084)=0.99829491944234
kQ(60084)=0.99659274618439
r1= : 6.7706535718395E-13
rpunto1 : = 17499364.718196
rduepunti0 : = -1.3362218453091E+26
fil : = 506.27563400785
fipunto1 : = 2.4948826519463E+19
fi_gradi : = 29007.45709896
t1 : = 1.0812495114888E-14
tpunto1 : = 1.0072141965337
tduepunti0 : = -2.1967668217531E+17
v=v_elettrone : = 24387381.940555
x0= : -5.9988912159373E-13
y0= : -3.0947242919758E-13
```

```
*****
i=60085
k(60085)=0.99829798523005
kQ(60085)=0.99659886731439
r1= : 6.7911765981224E-13
rpunto1: = 17483638.851585
rduepunti0 : = -1.3408971539064E+26
fil : = 506.27855997363
fipunto1 : = 2.4797578071451E+19
fi_gradi : = 29007.62474445
t1 : = 1.0812495233013E-14
tpunto1 : = 1.0071886133697
tduepunti0 : = -2.1813991324113E+17
v=v_elettrone : = 24339919.262269
x0= : -6.0079822742035E-13
y0= : -3.1218422097729E-13
*****
i=60086
k(60086)=0.99830105855715
kQ(60086)=0.99660500351632
r1= : 6.8116811813144E-13
rpunto1: = 17467860.053562
rduepunti0 : = -1.345410455679E+26
fil : = 506.28146820118
fipunto1 : = 2.4647835535624E+19
fi_gradi : = 29007.791373614
t1 : = 1.0812495351135E-14
tpunto1 : = 1.0071632086608
tduepunti0 : = -2.1661828085813E+17
v=v_elettrone : = 24292699.349236
x0= : -6.0170056371106E-13
y0= : -3.1489240622574E-13
*****
i=60087
k(60087)=0.99830413903448
kQ(60087)=0.99661115401338
r1= : 6.8321672593382E-13
rpunto1: = 17452030.180808
rduepunti0 : = -1.3497654437028E+26
fil : = 506.28435886712
fipunto1 : = 2.4499579189368E+19
fi_gradi : = 29007.956996573
t1 : = 1.0812495469254E-14
tpunto1 : = 1.0071379806525
tduepunti0 : = -2.1511160808505E+17
v=v_elettrone : = 24245720.266815
x0= : -6.0259618208312E-13
y0= : -3.1759698754486E-13
*****
i=60088
k(60088)=0.99830722628236
kQ(60088)=0.99661731804758
r1= : 6.8526347722941E-13
rpunto1: = 17436151.047696
rduepunti0 : = -1.3539657255822E+26
fil : = 506.28723214576
fipunto1 : = 2.4352789617205E+19
fi_gradi : = 29008.121623312
t1 : = 1.081249558737E-14
tpunto1 : = 1.0071129276109
tduepunti0 : = -2.1361972003893E+17
v=v_elettrone : = 24198980.09893
x0= : -6.0348513360652E-13
y0= : -3.2029796769827E-13
```



```
*****
i=60089
k(60089)=0.99831031993033
kQ(60089)=0.9966234948794
r1= : 6.8730836624102E-13
rpunto1: = 17420224.42727
rduepunti0 : = -1.3580148255386E+26
fil : = 506.2900882091
fipunto1 : = 2.4207447705531E+19
fi_gradi : = 29008.285263688
t1 : = 1.0812495705482E-14
tpunto1 : = 1.0070880478222
tduepunti0 : = -2.121424438825E+17
v=v_elettrone : = 24152476.946585
x0= : -6.0436746881106E-13
y0= : -3.2299534960654E-13
*****
i=60090
k(60090)=0.99831341961694
kQ(60090)=0.99662968378726
r1= : 6.8935138739939E-13
rpunto1: = 17404252.052193
rduepunti0 : = -1.3619161864461E+26
fil : = 506.29292722694
fipunto1 : = 2.4063534637448E+19
fi_gradi : = 29008.447927428
t1 : = 1.0812495823592E-14
tpunto1 : = 1.007063339593
tduepunti0 : = -2.1067960881102E+17
v=v_elettrone : = 24106208.928856
x0= : -6.0524323769329E-13
y0= : -3.2568913634238E-13
*****
i=60091
k(60091)=0.99831652498956
kQ(60091)=0.99663588406722
r1= : 6.9139253533849E-13
rpunto1: = 17388235.615682
rduepunti0 : = -1.365673171815E+26
fil : = 506.29574936684
fipunto1 : = 2.3921031887673E+19
fi_gradi : = 29008.609624133
t1 : = 1.0812495941699E-14
tpunto1 : = 1.0070388012493
tduepunti0 : = -2.0923104603849E+17
v=v_elettrone : = 24060174.181768
x0= : -6.0611248972333E-13
y0= : -3.2837933112613E-13
*****
i=60092
k(60092)=0.99831963570416
kQ(60092)=0.99664209503249
r1= : 6.9343180489084E-13
rpunto1: = 17372176.772416
rduepunti0 : = -1.369289067725E+26
fil : = 506.2985547942
fipunto1 : = 2.3779921217552E+19
fi_gradi : = 29008.770363281
t1 : = 1.0812496059804E-14
tpunto1 : = 1.0070144311369
tduepunti0 : = -2.0779658878337E+17
v=v_elettrone : = 24014370.859432
x0= : -6.0697527385173E-13
y0= : -3.3106593732125E-13
```

```
*****
i=60093
k(60093)=0.99832275142514
kQ(60093)=0.99664831601307
r1= : 6.9546919108304E-13
rpunto1: = 17356077.139422
rduepunti0 : = -1.372767084709E+26
fil : = 506.30134367229
fipunto1 : = 2.3640184670141E+19
fi_gradi : = 29008.930154225
t1 : = 1.0812496177905E-14
tpunto1 : = 1.0069902276208
tduepunti0 : = -2.0637607225374E+17
v=v_elettrone : = 23968797.132145
x0= : -6.0783163851601E-13
y0= : -3.3374895843001E-13
*****
i=60094
k(60094)=0.9983258718251
kQ(60094)=0.99665454635535
r1= : 6.9750468913131E-13
rpunto1: = 17339938.296936
rduepunti0 : = -1.3761103595889E+26
fil : = 506.30411616226
fipunto1 : = 2.3501804565389E+19
fi_gradi : = 29009.089006199
t1 : = 1.0812496296003E-14
tpunto1 : = 1.0069661890852
tduepunti0 : = -2.0496933363211E+17
v=v_elettrone : = 23923451.187896
x0= : -6.0868163164732E-13
y0= : -3.3642839808918E-13
*****
i=60095
k(60095)=0.99832899658467
kQ(60095)=0.99666078542175
r1= : 6.9953829443723E-13
rpunto1: = 17323761.789253
rduepunti0 : = -1.3793219572647E+26
fil : = 506.30687242319
fipunto1 : = 2.3364763495393E+19
fi_gradi : = 29009.246928317
t1 : = 1.0812496414099E-14
tpunto1 : = 1.0069423139331
tduepunti0 : = -2.0357621205975E+17
v=v_elettrone : = 23878331.231776
x0= : -6.0952530067691E-13
y0= : -3.3910426006596E-13
*****
i=60096
k(60096)=0.99833212539232
kQ(60096)=0.99666703259035
r1= : 7.0157000258346E-13
rpunto1: = 17307549.125544
rduepunti0 : = -1.3824048724581E+26
fil : = 506.30961261212
fipunto1 : = 2.3229044319743E+19
fi_gradi : = 29009.403929578
t1 : = 1.0812496532192E-14
tpunto1 : = 1.006918600586
tduepunti0 : = -2.0219654862065E+17
v=v_elettrone : = 23833435.485085
x0= : -6.103626925425E-13
y0= : -3.41776548254E-13
```

```
*****
i=60097
k(60097)=0.9983352579442
kQ(60097)=0.99667328725452
r1= : 7.0359980932968E-13
rpunto1: = 17291301.78066
rduepunti0 : = -1.3853620314116E+26
fil : = 506.31233688409
fipunto1 : = 2.3094630160942E+19
fi_gradi : = 29009.560018864
t1 : = 1.0812496650282E-14
tpunto1 : = 1.0068950474842
tduepunti0 : = -2.0083018632514E+17
v=v_elettrone : = 23788762.186048
x0= : -6.1119385369457E-13
y0= : -3.4444526666939E-13
*****
i=60098
k(60098)=0.99833839394393
kQ(60098)=0.99667954882255
r1= : 7.0562771060852E-13
rpunto1: = 17275021.195921
rduepunti0 : = -1.3881962935447E+26
fil : = 506.31504539214
fipunto1 : = 2.2961504399915E+19
fi_gradi : = 29009.715204944
t1 : = 1.0812496768369E-14
tpunto1 : = 1.0068716530858
tduepunti0 : = -1.9947697009324E+17
v=v_elettrone : = 23744309.589538
x0= : -6.1201883010262E-13
y0= : -3.4711041944688E-13
*****
i=60099
k(60099)=0.99834153310246
kQ(60099)=0.99668581671736
r1= : 7.0765370252165E-13
rpunto1: = 17258708.779873
rduepunti0 : = -1.3909104530677E+26
fil : = 506.31773828737
fipunto1 : = 2.2829650671587E+19
fi_gradi : = 29009.869496476
t1 : = 1.0812496886454E-14
tpunto1 : = 1.006848415867
tduepunti0 : = -1.9813674673763E+17
v=v_elettrone : = 23700075.966556
x0= : -6.1283766726124E-13
y0= : -3.4977201083623E-13
*****
i=60100
k(60100)=0.99834467513786
kQ(60100)=0.99669209037612
r1= : 7.0967778133595E-13
rpunto1: = 17242365.909041
rduepunti0 : = -1.3935072405546E+26
fil : = 506.32041571897
fipunto1 : = 2.2699052860547E+19
fi_gradi : = 29010.022902006
t1 : = 1.0812497004536E-14
tpunto1 : = 1.0068253343219
tduepunti0 : = -1.9680936494652E+17
v=v_elettrone : = 23656059.604803
x0= : -6.1365041019621E-13
y0= : -3.5243004519852E-13
```

```
*****
i=60101
k(60101)=0.99834781977522
kQ(60101)=0.99669836924994
r1= : 7.1169994347971E-13
rpunto1 : = 17225993.928653
rduepunti0 : = -1.3959893244762E+26
fil : = 506.32307783423
fipunto1 : = 2.2569695096781E+19
fi_gradi : = 29010.175429975
t1 : = 1.0812497122615E-14
tpunto1 : = 1.0068024069618
tduepunti0 : = -1.9549467526613E+17
v=v_elettrone : = 23612258.807615
x0= : -6.1445710347037E-13
y0= : -3.5508452700269E-13
*****
i=60102
k(60102)=0.99835096674642
kQ(60102)=0.99670465280352
r1= : 7.13720185539E-13
rpunto1 : = 17209594.153353
rduepunti0 : = -1.3983593126943E+26
fil : = 506.32572477858
fipunto1 : = 2.2441561751493E+19
fi_gradi : = 29010.327088715
t1 : = 1.0812497240692E-14
tpunto1 : = 1.0067796323156
tduepunti0 : = -1.9419253008306E+17
v=v_elettrone : = 23568671.894704
x0= : -6.1525779118954E-13
y0= : -3.5773546082209E-13
*****
i=60103
k(60103)=0.99835411579003
kQ(60103)=0.9967109405149
r1= : 7.1573850425408E-13
rpunto1 : = 17193167.867893
rduepunti0 : = -1.4006197539177E+26
fil : = 506.32835669562
fipunto1 : = 2.2314637432982E+19
fi_gradi : = 29010.477886453
t1 : = 1.0812497358765E-14
tpunto1 : = 1.0067570089292
tduepunti0 : = -1.9290278360652E+17
v=v_elettrone : = 23525297.200998
x0= : -6.1605251700831E-13
y0= : -3.6038285133113E-13
*****
i=60104
k(60104)=0.99835726665111
kQ(60104)=0.99671723187508
r1= : 7.1775489651586E-13
rpunto1 : = 17176716.327814
rduepunti0 : = -1.4027731391218E+26
fil : = 506.33097372714
fipunto1 : = 2.2188906982609E+19
fi_gradi : = 29010.627831314
t1 : = 1.0812497476837E-14
tpunto1 : = 1.0067345353654
tduepunti0 : = -1.916252918503E+17
v=v_elettrone : = 23482133.078033
x0= : -6.1684132413575E-13
y0= : -3.63026703302E-13
```

```
*****
i=60105
k(60105)=0.9983604190811
kQ(60105)=0.9967235263878
r1= : 7.1976935936251E-13
rpunto1: = 17160240.7601
rduepunti0 : = -1.404821902932E+26
fil : = 506.33357601315
fipunto1 : = 2.2064355470829E+19
fi_gradi : = 29010.77693132
t1 : = 1.0812497594905E-14
tpunto1 : = 1.0067122102036
tduepunti0 : = -1.9035991261469E+17
v=v_elettrone : = 23439177.892483
x0= : -6.1762425534097E-13
y0= : -3.6566702160162E-13
*****
i=60106
k(60106)=0.99836357283765
kQ(60106)=0.99672982356917
r1= : 7.2178188997611E-13
rpunto1: = 17143742.36383
rduepunti0 : = -1.406768424972E+26
fil : = 506.33616369193
fipunto1 : = 2.1940968193289E+19
fi_gradi : = 29010.925194393
t1 : = 1.0812497712971E-14
tpunto1 : = 1.0066900320397
tduepunti0 : = -1.8910650546827E+17
v=v_elettrone : = 23396430.02582
x0= : -6.1840135295873E-13
y0= : -3.6830381118844E-13
*****
i=60107
k(60107)=0.99836672768449
kQ(60107)=0.99673612294743
r1= : 7.2379248567936E-13
rpunto1: = 17127222.310803
rduepunti0 : = -1.4086150311784E+26
fil : = 506.33873690001
fipunto1 : = 2.1818730667002E+19
fi_gradi : = 29011.072628356
t1 : = 1.0812497831034E-14
tpunto1 : = 1.0066679999486
tduepunti0 : = -1.8786493172959E+17
v=v_elettrone : = 23353887.876088
x0= : -6.1917265889491E-13
y0= : -3.7093707710943E-13
*****
i=60108
k(60108)=0.99836988339126
kQ(60108)=0.99674242406267
r1= : 7.2580114393237E-13
rpunto1: = 17110681.746157
rduepunti0 : = -1.4103639950819E+26
fil : = 506.34129577224
fipunto1 : = 2.1697628626593E+19
fi_gradi : = 29011.219240934
t1 : = 1.0812497949095E-14
tpunto1 : = 1.0066461111707
tduepunti0 : = -1.8663505444883E+17
v=v_elettrone : = 23311549.855367
x0= : -6.1993821463184E-13
y0= : -3.7356682449729E-13
```

```
*****
i=60109
k(60109)=0.99837303973342
kQ(60109)=0.99674872646656
r1= : 7.2780786232957E-13
rpunto1: = 17094121.788962
rduepunti0 : = -1.4120175390561E+26
fil : = 506.34384044177
fipunto1 : = 2.1577648020597E+19
fi_gradi : = 29011.365039759
t1 : = 1.0812498067153E-14
tpunto1 : = 1.0066243657379
tduepunti0 : = -1.8541673838932E+17
v=v_elettrone : = 23269414.391482
x0= : -6.2069806123366E-13
y0= : -3.7619305856743E-13
*****
i=60110
k(60110)=0.99837619649211
kQ(60110)=0.99675502972205
r1= : 7.2981263859664E-13
rpunto1: = 17077543.532815
rduepunti0 : = -1.413577835535E+26
fil : = 506.34637104013
fipunto1 : = 2.1458775007842E+19
fi_gradi : = 29011.510032365
t1 : = 1.0812498185209E-14
tpunto1 : = 1.0066027618474
tduepunti0 : = -1.8420985000907E+17
v=v_elettrone : = 23227479.926575
x0= : -6.2145223935152E-13
y0= : -3.7881578461532E-13
*****
i=60111
k(60111)=0.99837935345397
kQ(60111)=0.99676133340316
r1= : 7.3181547058748E-13
rpunto1: = 17060948.046403
rduepunti0 : = -1.4150470081994E+26
fil : = 506.34888769723
fipunto1 : = 2.1340995953885E+19
fi_gradi : = 29011.654226195
t1 : = 1.0812498303262E-14
tpunto1 : = 1.0065812981744
tduepunti0 : = -1.8301425744232E+17
v=v_elettrone : = 23185744.918048
x0= : -6.2220078922881E-13
y0= : -3.8143500801373E-13
*****
i=60112
k(60112)=0.99838251041106
kQ(60112)=0.99676763709469
r1= : 7.3381635628136E-13
rpunto1: = 17044336.374065
rduepunti0 : = -1.4164271331345E+26
fil : = 506.35139054135
fipunto1 : = 2.1224297427512E+19
fi_gradi : = 29011.7976286
t1 : = 1.0812498421312E-14
tpunto1 : = 1.0065599734095
tduepunti0 : = -1.8182983048097E+17
v=v_elettrone : = 23144207.837785
x0= : -6.2294375070615E-13
y0= : -3.8405073421012E-13
```

```
*****
i=60113
k(60113)=0.99838566716074
kQ(60113)=0.99677394039199
r1= : 7.3581529378002E-13
rpunto1: = 17027709.53634
rduepunti0 : = -1.4177202399573E+26
fil : = 506.35387969922
fipunto1 : = 2.1108666197307E+19
fi_gradi : = 29011.94024684
t1 : = 1.081249853936E-14
tpunto1 : = 1.0065387862582
tduepunti0 : = -1.8065644055613E+17
v=v_elettrone : = 23102867.171835
x0= : -6.2368116322648E-13
y0= : -3.8666296872409E-13
*****
i=60114
k(60114)=0.99838882350551
kQ(60114)=0.99678024290072
r1= : 7.3781228130487E-13
rpunto1: = 17011068.530493
rduepunti0 : = -1.418928312916E+26
fil : = 506.35635529601
fipunto1 : = 2.0994089228281E+19
fi_gradi : = 29012.082088088
t1 : = 1.0812498657406E-14
tpunto1 : = 1.006517735441
tduepunti0 : = -1.7949396071957E+17
v=v_elettrone : = 23061721.420766
x0= : -6.2441306583999E-13
y0= : -3.8927171714483E-13
*****
i=60115
k(60115)=0.99839197925293
kQ(60115)=0.99678654423659
r1= : 7.3980731719431E-13
rpunto1: = 16994414.331039
rduepunti0 : = -1.4200532919625E+26
fil : = 506.35881745536
fipunto1 : = 2.0880553678555E+19
fi_gradi : = 29012.223159427
t1 : = 1.0812498775449E-14
tpunto1 : = 1.0064968196931
tduepunti0 : = -1.7834226562532E+17
v=v_elettrone : = 23020769.099286
x0= : -6.25139497209E-13
y0= : -3.9187698512872E-13
*****
i=60116
k(60116)=0.99839513421548
kQ(60116)=0.99679284402515
r1= : 7.4180039990099E-13
rpunto1: = 16977747.890247
rduepunti0 : = -1.421097073797E+26
fil : = 506.36126629941
fipunto1 : = 2.0768046896112E+19
fi_gradi : = 29012.363467856
t1 : = 1.081249889349E-14
tpunto1 : = 1.0064760377642
tduepunti0 : = -1.772012315112E+17
v=v_elettrone : = 22980008.736547
x0= : -6.2586049561279E-13
y0= : -3.9447877839695E-13
```

```
*****
i=60117
k(60117)=0.99839828821047
kQ(60117)=0.99679914190159
r1= : 7.4379152798927E-13
rpunto1: = 16961070.138641
rduepunti0 : = -1.4220615128872E+26
fil : = 506.36370194881
fipunto1 : = 2.0656556415602E+19
fi_gradi : = 29012.503020287
t1 : = 1.0812499011528E-14
tpunto1 : = 1.0064553884184
tduepunti0 : = -1.7607073618048E+17
v=v_elettrone : = 22939438.875223
x0= : -6.2657609895226E-13
y0= : -3.9707710273326E-13
*****
i=60118
k(60118)=0.99840144105989
kQ(60118)=0.99680543751046
r1= : 7.4578070013264E-13
rpunto1: = 16944381.985474
rduepunti0 : = -1.4229484224618E+26
fil : = 506.36612452276
fipunto1 : = 2.0546069955207E+19
fi_gradi : = 29012.64182355
t1 : = 1.0812499129564E-14
tpunto1 : = 1.0064348704337
tduepunti0 : = -1.7495065898355E+17
v=v_elettrone : = 22899058.071992
x0= : -6.2728634475466E-13
y0= : -3.9967196398165E-13
*****
i=60119
k(60119)=0.99840459259034
kQ(60119)=0.99681173050548
r1= : 7.4776791511121E-13
rpunto1: = 16927684.319211
rduepunti0 : = -1.4237595754792E+26
fil : = 506.368534139
fipunto1 : = 2.0436575413558E+19
fi_gradi : = 29012.779884391
t1 : = 1.0812499247597E-14
tpunto1 : = 1.0064144826023
tduepunti0 : = -1.7384088079966E+17
v=v_elettrone : = 22858864.896798
x0= : -6.2799127017823E-13
y0= : -4.022633680442E-13
*****
i=60120
k(60120)=0.99840774263292
kQ(60120)=0.99681802054937
r1= : 7.497531718093E-13
rpunto1: = 16910978.007983
rduepunti0 : = -1.424496705572E+26
fil : = 506.37093091386
fipunto1 : = 2.0328060866716E+19
fi_gradi : = 29012.917209475
t1 : = 1.0812499365628E-14
tpunto1 : = 1.0063942237303
tduepunti0 : = -1.7274128401878E+17
v=v_elettrone : = 22818857.933769
x0= : -6.2869091201669E-13
y0= : -4.048513208789E-13
```



```
*****
i=60121
k(60121)=0.99841089102312
kQ(60121)=0.99682430731358
r1= : 7.5173646921303E-13
rpunto1: = 16894263.900038
rduepunti0 : = -1.4251615079681E+26
fil : = 506.37331496227
fipunto1 : = 2.0220514565197E+19
fi_gradi : = 29013.053805387
t1 : = 1.0812499483656E-14
tpunto1 : = 1.006374092637
tduepunti0 : = -1.7165175252351E+17
v=v_elettrone : = 22779035.779693
x0= : -6.2938530670371E-13
y0= : -4.0743582849765E-13
*****
i=60122
k(60122)=0.99841403760069
kQ(60122)=0.99683059047812
r1= : 7.5371780640803E-13
rpunto1: = 16877542.824187
rduepunti0 : = -1.4257556403884E+26
fil : = 506.3756863978
fipunto1 : = 2.0113924931061E+19
fi_gradi : = 29013.189678634
t1 : = 1.0812499601683E-14
tpunto1 : = 1.0063540881556
tduepunti0 : = -1.7057217167106E+17
v=v_elettrone : = 22739397.045609
x0= : -6.3007449031742E-13
y0= : -4.1001689696416E-13
*****
i=60123
k(60123)=0.99841718220961
kQ(60123)=0.99683686973138
r1= : 7.556971825771E-13
rpunto1: = 16860815.590224
rduepunti0 : = -1.4262807239235E+26
fil : = 506.37804533263
fipunto1 : = 2.0008280555045E+19
fi_gradi : = 29013.324835644
t1 : = 1.0812499719707E-14
tpunto1 : = 1.0063342091323
tduepunti0 : = -1.6950242827541E+17
v=v_elettrone : = 22699940.354745
x0= : -6.3075849858459E-13
y0= : -4.1259453239209E-13
*****
i=60124
k(60124)=0.99842032469793
kQ(60124)=0.99684314476992
r1= : 7.5767459699803E-13
rpunto1: = 16844082.989355
rduepunti0 : = -1.4267383438867E+26
fil : = 506.38039187763
fipunto1 : = 1.9903570193753E+19
fi_gradi : = 29013.459282769
t1 : = 1.0812499837728E-14
tpunto1 : = 1.0063144544265
tduepunti0 : = -1.6844241058946E+17
v=v_elettrone : = 22660664.343575
x0= : -6.3143736688509E-13
y0= : -4.1516874094299E-13
```

```
*****
i=60125
k(60125)=0.99842346491771
kQ(60125)=0.99684941529828
r1= : 7.5965004904139E-13
rpunto1: = 16827345.794599
rduepunti0 : = -1.4271300506475E+26
fil : = 506.38272614234
fipunto1 : = 1.9799782766894E+19
fi_gradi : = 29013.593026285
t1 : = 1.0812499955747E-14
tpunto1 : = 1.0062948229105
tduepunti0 : = -1.6739200828742E+17
v=v_elettrone : = 22621567.662138
x0= : -6.3211113025607E-13
y0= : -4.1773952882451E-13
*****
i=60126
k(60126)=0.9984266027249
kQ(60126)=0.99685568102879
r1= : 7.6162353816842E-13
rpunto1: = 16810604.761197
rduepunti0 : = -1.4274573604439E+26
fil : = 506.38504823499
fipunto1 : = 1.9696907354571E+19
fi_gradi : = 29013.726072393
t1 : = 1.0812500073764E-14
tpunto1 : = 1.0062753134694
tduepunti0 : = -1.6635111244722E+17
v=v_elettrone : = 22582648.971872
x0= : -6.3277982339603E-13
y0= : -4.2030690228865E-13
*****
i=60127
k(60127)=0.9984297379793
kQ(60127)=0.99686194168142
r1= : 7.6359506392893E-13
rpunto1: = 16793860.626997
rduepunti0 : = -1.4277217561743E+26
fil : = 506.38735826255
fipunto1 : = 1.959493319462E+19
fi_gradi : = 29013.858427223
t1 : = 1.0812500191779E-14
tpunto1 : = 1.0062559250009
tduepunti0 : = -1.6531961553307E+17
v=v_elettrone : = 22543906.948329
x0= : -6.3344348066914E-13
y0= : -4.2287086762976E-13
*****
i=60128
k(60128)=0.99843287054443
kQ(60128)=0.99686819698359
r1= : 7.6556462595926E-13
rpunto1: = 16777114.112836
rduepunti0 : = -1.4279246881703E+26
fil : = 506.38965633071
fipunto1 : = 1.9493849679993E+19
fi_gradi : = 29013.99009683
t1 : = 1.0812500309791E-14
tpunto1 : = 1.0062366564152
tduepunti0 : = -1.6429741137816E+17
v=v_elettrone : = 22505340.278724
x0= : -6.341021361091E-13
y0= : -4.2543143118311E-13
```

```
*****
i=60129
k(60129)=0.99843600028744
kQ(60129)=0.99687444666998
r1= : 7.6753222398029E-13
rpunto1 : = 16760365.922918
rduepunti0 : = -1.4280675749501E+26
fil : = 506.39194254393
fipunto1 : = 1.9393646356192E+19
fi_gradi : = 29014.121087198
t1 : = 1.0812500427801E-14
tpunto1 : = 1.0062175066347
tduepunti0 : = -1.6328439516751E+17
v=v_elettrone : = 22466947.662628
x0= : -6.347558234232E-13
y0= : -4.2798859932301E-13
*****
i=60130
k(60130)=0.99843912707907
kQ(60130)=0.99688069048241
r1= : 7.6949785779549E-13
rpunto1 : = 16743616.745174
rduepunti0 : = -1.4281518039539E+26
fil : = 506.39421700543
fipunto1 : = 1.929431291875E+19
fi_gradi : = 29014.251404243
t1 : = 1.0812500545809E-14
tpunto1 : = 1.006198474594
tduepunti0 : = -1.6228046342089E+17
v=v_elettrone : = 22428727.811929
x0= : -6.3540457599635E-13
y0= : -4.3054237846121E-13
*****
i=60131
k(60131)=0.99844225079352
kQ(60131)=0.99688692816963
r1= : 7.7146152728901E-13
rpunto1 : = 16726867.251617
rduepunti0 : = -1.4281787322603E+26
fil : = 506.39647981724
fipunto1 : = 1.9195839210752E+19
fi_gradi : = 29014.381053809
t1 : = 1.0812500663815E-14
tpunto1 : = 1.0061795592396
tduepunti0 : = -1.6128551397595E+17
v=v_elettrone : = 22390679.451001
x0= : -6.3604842689485E-13
y0= : -4.330927750453E-13
*****
i=60132
k(60132)=0.9984453713084
kQ(60132)=0.99689315948718
r1= : 7.7342323242382E-13
rpunto1 : = 16710118.098696
rduepunti0 : = -1.4281496872863E+26
fil : = 506.39873108018
fipunto1 : = 1.9098215220405E+19
fi_gradi : = 29014.510041674
t1 : = 1.0812500781818E-14
tpunto1 : = 1.0061607595301
tduepunti0 : = -1.6029944597145E+17
v=v_elettrone : = 22352801.315864
x0= : -6.3668740887028E-13
y0= : -4.3563979555723E-13
```

```
*****
i=60133
k(60133)=0.99844848850466
kQ(60133)=0.99689938419725
r1= : 7.7538297323985E-13
rpunto1: = 16693369.927631
rduepunti0 : = -1.4280659674687E+26
fil : = 506.4009708939
fipunto1 : = 1.9001431078652E+19
fi_gradi : = 29014.638373548
t1 : = 1.081250089982E-14
tpunto1 : = 1.0061420744353
tduepunti0 : = -1.5932215983065E+17
v=v_elettrone : = 22315092.154569
x0= : -6.3732155436327E-13
y0= : -4.3818344651172E-13
*****
i=60134
k(60134)=0.99845160226648
kQ(60134)=0.9969056020685
r1= : 7.7734074985226E-13
rpunto1: = 16676623.364744
rduepunti0 : = -1.4279288429302E+26
fil : = 506.40319935691
fipunto1 : = 1.8905477056828E+19
fi_gradi : = 29014.766055073
t1 : = 1.0812501017819E-14
tpunto1 : = 1.0061235029371
tduepunti0 : = -1.5835355724487E+17
v=v_elettrone : = 22277550.726796
x0= : -6.3795089550723E-13
y0= : -4.4072373445481E-13
*****
i=60135
k(60135)=0.99845471248121
kQ(60135)=0.99691181287593
r1= : 7.7929656244967E-13
rpunto1: = 16659879.021788
rduepunti0 : = -1.4277395561284E+26
fil : = 506.40541656656
fipunto1 : = 1.8810343564355E+19
fi_gradi : = 29014.893091828
t1 : = 1.0812501135816E-14
tpunto1 : = 1.0061050440282
tduepunti0 : = -1.5739354115713E+17
v=v_elettrone : = 22240175.80396
x0= : -6.3857546413201E-13
y0= : -4.4326066596244E-13
*****
i=60136
k(60136)=0.99845781903931
kQ(60136)=0.99691801640074
r1= : 7.8125041129241E-13
rpunto1: = 16643137.49626
rduepunti0 : = -1.4274993224891E+26
fil : = 506.40762261907
fipunto1 : = 1.8716021146483E+19
fi_gradi : = 29015.019489327
t1 : = 1.081250125381E-14
tpunto1 : = 1.006086696713
tduepunti0 : = -1.5644201574604E+17
v=v_elettrone : = 22202966.168764
x0= : -6.3919529176757E-13
y0= : -4.4579424763902E-13
```

```
*****
i=60137
k(60137)=0.99846092183428
kQ(60137)=0.99692421243016
r1= : 7.8320229671091E-13
rpunto1 : = 16626399.371715
rduepunti0 : = -1.4272093310239E+26
fil : = 506.40981760958
fipunto1 : = 1.8622500482071E+19
fi_gradi : = 29015.145253019
t1 : = 1.0812501371803E-14
tpunto1 : = 1.0060684600068
tduepunti0 : = -1.5549888640977E+17
v=v_elettrone : = 22165920.616008
x0= : -6.3981040964751E-13
y0= : -4.4832448611608E-13
*****
i=60138
k(60138)=0.99846402076257
kQ(60138)=0.99693040075735
r1= : 7.8515221910403E-13
rpunto1 : = 16609665.218063
rduepunti0 : = -1.4268707449337E+26
fil : = 506.4120016321
fipunto1 : = 1.8529772381404E+19
fi_gradi : = 29015.270388291
t1 : = 1.0812501489793E-14
tpunto1 : = 1.0060503329358
tduepunti0 : = -1.5456405975023E+17
v=v_elettrone : = 22129037.950858
x0= : -6.4042084871256E-13
y0= : -4.50851388051E-13
*****
i=60139
k(60139)=0.99846711572352
kQ(60139)=0.99693658118124
r1= : 7.8710017893748E-13
rpunto1 : = 16592935.59187
rduepunti0 : = -1.4264847021963E+26
fil : = 506.41417477959
fipunto1 : = 1.8437827784054E+19
fi_gradi : = 29015.394900471
t1 : = 1.0812501607781E-14
tpunto1 : = 1.0060323145372
tduepunti0 : = -1.5363744355735E+17
v=v_elettrone : = 22092316.990116
x0= : -6.4102663961418E-13
y0= : -4.5337496012565E-13
*****
i=60140
k(60140)=0.9984702066193
kQ(60140)=0.99694275350639
r1= : 7.8904617674224E-13
rpunto1 : = 16576211.036644
rduepunti0 : = -1.4260523161406E+26
fil : = 506.41633714394
fipunto1 : = 1.8346657756776E+19
fi_gradi : = 29015.518794822
t1 : = 1.0812501725768E-14
tpunto1 : = 1.0060144038587
tduepunti0 : = -1.5271894679357E+17
v=v_elettrone : = 22055756.561948
x0= : -6.4162781271787E-13
y0= : -4.5589520904513E-13
```

```

*****
i=60141
k(60141)=0.99847329335486
kQ(60141)=0.99694891754289
r1= : 7.90990213113E-13
rpunto1 : = 16559492.083119
rduepunti0 : = -1.4255746760063E+26
fil : = 506.41848881599
fipunto1 : = 1.8256253491442E+19
fi_gradi : = 29015.642076549
t1 : = 1.0812501843752E-14
tpunto1 : = 1.0059965999586
tduepunti0 : = -1.5180847957848E+17
v=v_elettrone : = 22019355.504862
x0= : -6.4222439810657E-13
y0= : -4.5841214153663E-13
*****
i=60142
k(60142)=0.99847637583782
kQ(60142)=0.99695507310623
r1= : 7.9293228870675E-13
rpunto1 : = 16542779.249531
rduepunti0 : = -1.4250528474906E+26
fil : = 506.42062988555
fipunto1 : = 1.8166606303017E+19
fi_gradi : = 29015.764750798
t1 : = 1.0812501961734E-14
tpunto1 : = 1.0059789019056
tduepunti0 : = -1.5090595317363E+17
v=v_elettrone : = 21983112.668404
x0= : -6.4281642558403E-13
y0= : -4.6092576434816E-13
*****
i=60143
k(60143)=0.99847945397847
kQ(60143)=0.99696122001713
r1= : 7.9487240424121E-13
rpunto1 : = 16526073.041887
rduepunti0 : = -1.4244878732811E+26
fil : = 506.42276044139
fipunto1 : = 1.8077707627559E+19
fi_gradi : = 29015.886822657
t1 : = 1.0812502079713E-14
tpunto1 : = 1.0059613087787
tduepunti0 : = -1.5001127996743E+17
v=v_elettrone : = 21947026.912849
x0= : -6.4340392467809E-13
y0= : -4.6343608424739E-13
*****
i=60144
k(60144)=0.99848252768964
kQ(60144)=0.9969673581015
r1= : 7.9681056049347E-13
rpunto1 : = 16509373.954228
rduepunti0 : = -1.4238807735765E+26
fil : = 506.42488057132
fipunto1 : = 1.7989549020271E+19
fi_gradi : = 29016.008297154
t1 : = 1.0812502197691E-14
tpunto1 : = 1.005943819667
tduepunti0 : = -1.4912437346035E+17
v=v_elettrone : = 21911097.109366
x0= : -6.4398692464391E-13
y0= : -4.6594310802057E-13

```

```
*****
i=60145
k(60145)=0.99848559688672
kQ(60145)=0.99697348719023
r1= : 7.9874675829854E-13
rpunto1 : = 16492682.468891
rduepunti0 : = -1.423232546594E+26
fil : = 506.42699036213
fipunto1 : = 1.7902122153574E+19
fi_gradi : = 29016.129179262
t1 : = 1.0812502315667E-14
tpunto1 : = 1.0059264336697
tduepunti0 : = -1.4824514825016E+17
v=v_elettrone : = 21875322.139161
x0= : -6.4456545446717E-13
y0= : -4.6844684247142E-13
*****
i=60146
k(60146)=0.99848866148753
kQ(60146)=0.99697960711916
r1= : 8.0068099854803E-13
rpunto1 : = 16475999.056755
rduepunti0 : = -1.4225441690649E+26
fil : = 506.42908989962
fipunto1 : = 1.7815418815223E+19
fi_gradi : = 29016.2494739
t1 : = 1.0812502433641E-14
tpunto1 : = 1.0059091498959
tduepunti0 : = -1.4737352001739E+17
v=v_elettrone : = 21839700.894114
x0= : -6.4513954286719E-13
y0= : -4.7094729442002E-13
*****
i=60147
k(60147)=0.99849172141231
kQ(60147)=0.99698571772892
r1= : 8.0261328218874E-13
rpunto1 : = 16459324.177493
rduepunti0 : = -1.4218165967184E+26
fil : = 506.43117926866
fipunto1 : = 1.7729430906452E+19
fi_gradi : = 29016.369185927
t1 : = 1.0812502551613E-14
tpunto1 : = 1.0058919674642
tduepunti0 : = -1.4650940551095E+17
v=v_elettrone : = 21804232.276399
x0= : -6.4570921830011E-13
y0= : -4.7344447070182E-13
*****
i=60148
k(60148)=0.99849477658364
kQ(60148)=0.99699181886482
r1= : 8.045436102214E-13
rpunto1 : = 16442658.279809
rduepunti0 : = -1.4210507647537E+26
fil : = 506.43325855315
fipunto1 : = 1.7644150440152E+19
fi_gradi : = 29016.488320153
t1 : = 1.0812502669582E-14
tpunto1 : = 1.0058748855032
tduepunti0 : = -1.4565272253391E+17
v=v_elettrone : = 21768915.197813
x0= : -6.4627450896189E-13
y0= : -4.7593837816659E-13
```

```
*****
i=60149
k(60149)=0.99849782692641
kQ(60149)=0.99699791037677
r1= : 8.0647198369935E-13
rpunto1 : = 16426001.801672
rduepunti0 : = -1.4202475883003E+26
fil : = 506.43532783606
fipunto1 : = 1.7559569539086E+19
fi_gradi : = 29016.60688133
t1 : = 1.081250278755E-14
tpunto1 : = 1.0058579031509
tduepunti0 : = -1.4480338992946E+17
v=v_elettrone : = 21733748.581143
x0= : -6.4683544279141E-13
y0= : -4.7842902367742E-13
*****
i=60150
k(60150)=0.99850087236774
kQ(60150)=0.99700399211914
r1= : 8.0839840372732E-13
rpunto1 : = 16409355.170553
rduepunti0 : = -1.419407962868E+26
fil : = 506.43738719943
fipunto1 : = 1.7475680434129E+19
fi_gradi : = 29016.72487416
t1 : = 1.0812502905516E-14
tpunto1 : = 1.0058410195545
tduepunti0 : = -1.4396132756698E+17
v=v_elettrone : = 21698731.358452
x0= : -6.4739204747335E-13
y0= : -4.8091641410981E-13
*****
i=60151
k(60151)=0.99850391283695
kQ(60151)=0.99701006395069
r1= : 8.1032287146014E-13
rpunto1 : = 16392718.803643
rduepunti0 : = -1.418532764786E+26
fil : = 506.4394367244
fipunto1 : = 1.7392475462547E+19
fi_gradi : = 29016.842303291
t1 : = 1.0812503023479E-14
tpunto1 : = 1.0058242338707
tduepunti0 : = -1.4312645632835E+17
v=v_elettrone : = 21663862.471897
x0= : -6.4794435044124E-13
y0= : -4.8340055635069E-13
*****
i=60152
k(60152)=0.99850694826549
kQ(60152)=0.99701612573446
r1= : 8.1224538810158E-13
rpunto1 : = 16376093.108075
rduepunti0 : = -1.4176228516307E+26
fil : = 506.44147649119
fipunto1 : = 1.7309947066298E+19
fi_gradi : = 29016.959173319
t1 : = 1.0812503141441E-14
tpunto1 : = 1.0058075452653
tduepunti0 : = -1.4229869809438E+17
v=v_elettrone : = 21629140.873002
x0= : -6.4849237888028E-13
y0= : -4.8588145729755E-13
```



```
*****
i=60153
k(60153)=0.99850997858692
kQ(60153)=0.99702217733766
r1= : 8.1416595490317E-13
rpunto1: = 16359478.481142
rduepunti0 : = -1.4166790626447E+26
fil : = 506.44350657917
fipunto1 : = 1.722808779037E+19
fi_gradi : = 29017.075488792
t1 : = 1.0812503259401E-14
tpunto1 : = 1.0057909529132
tduepunti0 : = -1.414779757314E+17
v=v_elettrone : = 21594565.523967
x0= : -6.4903615973031E-13
y0= : -4.8835912385746E-13
*****
i=60154
k(60154)=0.99851300373684
kQ(60154)=0.99702821863158
r1= : 8.1608457316303E-13
rpunto1: = 16342875.310501
rduepunti0 : = -1.4157022191447E+26
fil : = 506.44552706679
fipunto1 : = 1.7146890281145E+19
fi_gradi : = 29017.191254206
t1 : = 1.0812503377359E-14
tpunto1 : = 1.0057744559981
tduepunti0 : = -1.4066421307804E+17
v=v_elettrone : = 21560135.395108
x0= : -6.4957571968845E-13
y0= : -4.9083356294637E-13
*****
i=60155
k(60155)=0.99851602365285
kQ(60155)=0.99703424949149
r1= : 8.1800124422473E-13
rpunto1: = 16326283.974385
rduepunti0 : = -1.4146931249203E+26
fil : = 506.44753803168
fipunto1 : = 1.7066347284792E+19
fi_gradi : = 29017.306474006
t1 : = 1.0812503495315E-14
tpunto1 : = 1.0057580537126
tduepunti0 : = -1.3985733493212E+17
v=v_elettrone : = 21525849.467687
x0= : -6.5011108521211E-13
y0= : -4.9330478148809E-13
*****
i=60156
k(60156)=0.99851903827448
kQ(60156)=0.9970402697966
r1= : 8.1991596947621E-13
rpunto1: = 16309704.841801
rduepunti0 : = -1.4136525666228E+26
fil : = 506.44953955059
fipunto1 : = 1.698645164569E+19
fi_gradi : = 29017.421152593
t1 : = 1.0812503613269E-14
tpunto1 : = 1.005741745258
tduepunti0 : = -1.3905726703781E+17
v=v_elettrone : = 21491706.730803
x0= : -6.5064228252155E-13
y0= : -4.9577278641364E-13
```

```
*****
i=60157
k(60157)=0.9985220475432
kQ(60157)=0.99704627942987
r1= : 8.2182875034868E-13
rpunto1: = 16293138.272727
rduepunti0 : = -1.4125813141455E+26
fil : = 506.45153169944
fipunto1 : = 1.6907196304878E+19
fi_gradi : = 29017.535294314
t1 : = 1.0812503731221E-14
tpunto1 : = 1.0057255298443
tduepunti0 : = -1.3826393607277E+17
v=v_elettrone : = 21457706.184184
x0= : -6.5116933760274E-13
y0= : -4.9823758466028E-13
*****
i=60158
k(60158)=0.99852505140233
kQ(60158)=0.99705227827803
r1= : 8.2373958831558E-13
rpunto1: = 16276584.618301
rduepunti0 : = -1.4114801209948E+26
fil : = 506.45351455333
fipunto1 : = 1.6828574298531E+19
fi_gradi : = 29017.648903473
t1 : = 1.0812503849171E-14
tpunto1 : = 1.0057094066897
tduepunti0 : = -1.3747726963566E+17
v=v_elettrone : = 21423846.83584
x0= : -6.5169227620991E-13
y0= : -5.0069918317092E-13
*****
i=60159
k(60159)=0.99852804979701
kQ(60159)=0.99705826623142
r1= : 8.2564848489152E-13
rpunto1: = 16260044.221016
rduepunti0 : = -1.4103497246517E+26
fil : = 506.45548818654
fipunto1 : = 1.6750578756464E+19
fi_gradi : = 29017.761984326
t1 : = 1.0812503967119E-14
tpunto1 : = 1.0056933750212
tduepunti0 : = -1.3669719623365E+17
v=v_elettrone : = 21390127.703273
x0= : -6.5221112386825E-13
y0= : -5.0315758889322E-13
*****
i=60160
k(60160)=0.99853104267415
kQ(60160)=0.99706424318393
r1= : 8.2755544163127E-13
rpunto1: = 16243517.414898
rduepunti0 : = -1.4091908469261E+26
fil : = 506.45745267252
fipunto1 : = 1.6673202900663E+19
fi_gradi : = 29017.874541082
t1 : = 1.0812504085066E-14
tpunto1 : = 1.0056774340737
tduepunti0 : = -1.3592364527015E+17
v=v_elettrone : = 21356547.812388
x0= : -6.5272590587651E-13
y0= : -5.0561280877895E-13
```

```
*****
i=60161
k(60161)=0.99853402998243
kQ(60161)=0.99707020903295
r1= : 8.294604601288E-13
rpunto1: = 16227004.525687
rduepunti0 : = -1.4080041943021E+26
fil : = 506.45940808397
fipunto1 : = 1.6596440043842E+19
fi_gradi : = 29017.986577906
t1 : = 1.081250420301E-14
tpunto1 : = 1.0056615830904
tduepunti0 : = -1.3515654703269E+17
v=v_elettrone : = 21323106.198691
x0= : -6.5323664730962E-13
y0= : -5.080648497832E-13
*****
i=60162
k(60162)=0.99853701167219
kQ(60162)=0.99707616367922
r1= : 8.3136354201626E-13
rpunto1: = 16210505.871013
rduepunti0 : = -1.4067904582748E+26
fil : = 506.46135449278
fipunto1 : = 1.6520283588021E+19
fi_gradi : = 29018.098098915
t1 : = 1.0812504320953E-14
tpunto1 : = 1.0056458213228
tduepunti0 : = -1.3439583268098E+17
v=v_elettrone : = 21289801.906156
x0= : -6.5374337302109E-13
y0= : -5.1051371886375E-13
*****
i=60163
k(60163)=0.99853998769545
kQ(60163)=0.99708210702683
r1= : 8.3326468896306E-13
rpunto1: = 16194021.760569
rduepunti0 : = -1.4055503156801E+26
fil : = 506.46329197005
fipunto1 : = 1.6444727023133E+19
fi_gradi : = 29018.209108186
t1 : = 1.0812504438894E-14
tpunto1 : = 1.00563014803
tduepunti0 : = -1.3364143423507E+17
v=v_elettrone : = 21256633.987118
x0= : -6.5424610764562E-13
y0= : -5.1295942298039E-13
*****
i=60164
k(60164)=0.99854295800586
kQ(60164)=0.99708803898309
r1= : 8.3516390267492E-13
rpunto1: = 16177552.496279
rduepunti0 : = -1.4042844290158E+26
fil : = 506.46522058615
fipunto1 : = 1.6369763925659E+19
fi_gradi : = 29018.319609748
t1 : = 1.0812504556833E-14
tpunto1 : = 1.0056145624792
tduepunti0 : = -1.328932845637E+17
v=v_elettrone : = 21223601.502923
x0= : -6.5474487560156E-13
y0= : -5.1540196909422E-13
```

```
*****
i=60165
k(60165)=0.99854592255864
kQ(60165)=0.99709395945848
r1= : 8.3706118489299E-13
rpunto1 : = 16161098.372461
rduepunti0 : = -1.4029934467562E+26
fil : = 506.46714041067
fipunto1 : = 1.6295387957276E+19
fi_gradi : = 29018.429607591
t1 : = 1.081250467477E-14
tpunto1 : = 1.0055990639454
tduepunti0 : = -1.3215131737281E+17
v=v_elettrone : = 21190703.523275
x0= : -6.552397010933E-13
y0= : -5.1784136416704E-13
*****
i=60166
k(60166)=0.99854888131055
kQ(60166)=0.99709986836656
r1= : 8.3895653739292E-13
rpunto1 : = 16144659.675986
rduepunti0 : = -1.4016780036585E+26
fil : = 506.46905151248
fipunto1 : = 1.6221592863537E+19
fi_gradi : = 29018.539105659
t1 : = 1.0812504792705E-14
tpunto1 : = 1.0055836517111
tduepunti0 : = -1.3141546719418E+17
v=v_elettrone : = 21157939.126616
x0= : -6.5573060811368E-13
y0= : -5.2027761516072E-13
*****
i=60167
k(60167)=0.99855183421989
kQ(60167)=0.99710576562391
r1= : 8.4084996198401E-13
rpunto1 : = 16128236.686444
rduepunti0 : = -1.4003387210625E+26
fil : = 506.47095395969
fipunto1 : = 1.6148372472574E+19
fi_gradi : = 29018.648107855
t1 : = 1.0812504910639E-14
tpunto1 : = 1.0055683250666
tduepunti0 : = -1.3068566937421E+17
v=v_elettrone : = 21125307.398909
x0= : -6.5621762044636E-13
y0= : -5.2271072903667E-13
*****
i=60168
k(60168)=0.99855478124642
kQ(60168)=0.99711165115008
r1= : 8.4274146050834E-13
rpunto1 : = 16111829.676286
rduepunti0 : = -1.3989762071833E+26
fil : = 506.47284781971
fipunto1 : = 1.6075720693819E+19
fi_gradi : = 29018.756618041
t1 : = 1.081250502857E-14
tpunto1 : = 1.0055530833095
tduepunti0 : = -1.299618600629E+17
v=v_elettrone : = 21092807.435309
x0= : -6.5670076166819E-13
y0= : -5.2514071275509E-13
```

```

*****
i=60169
k(60169)=0.99855772235133
kQ(60169)=0.99711752486749
r1= : 8.4463103483995E-13
rpunto1: = 16095438.910983
rduepunti0 : = -1.3975910573969E+26
fil : = 506.47473315923
fipunto1 : = 1.6003631516749E+19
fi_gradi : = 29018.864640039
t1 : = 1.08125051465E-14
tpunto1 : = 1.0055379257448
tduepunti0 : = -1.2924397620289E+17
v=v_elettrone : = 21060438.338403
x0= : -6.5718005515146E-13
y0= : -5.275675732746E-13
*****
i=60170
k(60170)=0.99856065749726
kQ(60170)=0.99712338670135
r1= : 8.4651868688403E-13
rpunto1: = 16079064.649172
rduepunti0 : = -1.3961838545195E+26
fil : = 506.47661004423
fipunto1 : = 1.5932099009656E+19
fi_gradi : = 29018.972177627
t1 : = 1.0812505264429E-14
tpunto1 : = 1.005522851685
tduepunti0 : = -1.2853195551877E+17
v=v_elettrone : = 21028199.21907
x0= : -6.5765552406623E-13
y0= : -5.2999131755151E-13
*****
i=60171
k(60171)=0.99856358664818
kQ(60171)=0.99712923657967
r1= : 8.4840441857608E-13
rpunto1: = 16062707.142798
rduepunti0 : = -1.3947551690804E+26
fil : = 506.47847853998
fipunto1 : = 1.5861117318434E+19
fi_gradi : = 29019.079234548
t1 : = 1.0812505382355E-14
tpunto1 : = 1.0055078604497
tduepunti0 : = -1.2782573650638E+17
v=v_elettrone : = 20996089.196535
x0= : -6.5812719138256E-13
y0= : -5.3241195253936E-13
*****
i=60172
k(60172)=0.99856650976944
kQ(60172)=0.99713507443311
r1= : 8.5028823188116E-13
rpunto1: = 16046366.637254
rduepunti0 : = -1.3933055595882E+26
fil : = 506.48033871109
fipunto1 : = 1.5790680665385E+19
fi_gradi : = 29019.185814502
t1 : = 1.081250550028E-14
tpunto1 : = 1.0054929513655
tduepunti0 : = -1.2712525842239E+17
v=v_elettrone : = 20964107.397101
x0= : -6.5859507987268E-13
y0= : -5.3482948518844E-13

```

```
*****
i=60173
k(60173)=0.99856942682769
kQ(60173)=0.99714090019497
r1= : 8.521701287931E-13
rpunto1: = 16030043.371523
rduepunti0 : = -1.3918355727909E+26
fil : = 506.48219062149
fipunto1 : = 1.5720783348059E+19
fi_gradi : = 29019.291921152
t1 : = 1.0812505618202E-14
tpunto1 : = 1.0054781237662
tduepunti0 : = -1.2643046127395E+17
v=v_elettrone : = 20932252.955776
x0= : -6.5905921211326E-13
y0= : -5.3724392244514E-13
*****
i=60174
k(60174)=0.99857233779086
kQ(60174)=0.99714671380111
r1= : 8.5405011133376E-13
rpunto1: = 16013737.57831
rduepunti0 : = -1.3903457439306E+26
fil : = 506.48403433442
fipunto1 : = 1.5651419738091E+19
fi_gradi : = 29019.397558121
t1 : = 1.0812505736124E-14
tpunto1 : = 1.0054633769925
tduepunti0 : = -1.2574128580849E+17
v=v_elettrone : = 20900525.014703
x0= : -6.595196104875E-13
y0= : -5.3965527125163E-13
*****
i=60175
k(60175)=0.99857524262816
kQ(60175)=0.99715251518989
r1= : 8.559281815523E-13
rpunto1: = 15997449.484175
rduepunti0 : = -1.3888365969915E+26
fil : = 506.48586991247
fipunto1 : = 1.5582584280082E+19
fi_gradi : = 29019.502728997
t1 : = 1.0812505854043E-14
tpunto1 : = 1.0054487103919
tduepunti0 : = -1.2505767350368E+17
v=v_elettrone : = 20868922.723982
x0= : -6.5997629718728E-13
y0= : -5.4206353854523E-13
*****
i=60176
k(60176)=0.99857814131
kQ(60176)=0.99715830430214
r1= : 8.5780434152445E-13
rpunto1: = 15981179.309663
rduepunti0 : = -1.387308644943E+26
fil : = 506.4876974176
fipunto1 : = 1.5514271490484E+19
fi_gradi : = 29019.607437327
t1 : = 1.0812505971961E-14
tpunto1 : = 1.0054341233189
tduepunti0 : = -1.2437956655748E+17
v=v_elettrone : = 20837445.241408
x0= : -6.6042929421527E-13
y0= : -5.4446873125805E-13
```

```
*****
i=60177
k(60177)=0.998581033808
kQ(60177)=0.99716408108104
r1= : 8.5967859335179E-13
rpunto1: = 15964927.269426
rduepunti0 : = -1.3857623899763E+26
fil : = 506.48951691108
fipunto1 : = 1.5446475956506E+19
fi_gradi : = 29019.711686625
t1 : = 1.0812506089877E-14
tpunto1 : = 1.0054196151344
tduepunti0 : = -1.237069078784E+17
v=v_elettrone : = 20806091.731408
x0= : -6.6087862338696E-13
y0= : -5.4687085631651E-13
*****
i=60178
k(60178)=0.99858392009493
kQ(60178)=0.99716984547215
r1= : 8.6155093916108E-13
rpunto1: = 15948693.572354
rduepunti0 : = -1.3841983237366E+26
fil : = 506.4913284536
fipunto1 : = 1.5379192335048E+19
fi_gradi : = 29019.815480366
t1 : = 1.0812506207791E-14
tpunto1 : = 1.0054051852061
tduepunti0 : = -1.2303964107582E+17
v=v_elettrone : = 20774861.367156
x0= : -6.6132430633282E-13
y0= : -5.4926992064077E-13
*****
i=60179
k(60179)=0.99858680014473
kQ(60179)=0.99717559742329
r1= : 8.6342138110359E-13
rpunto1: = 15932478.42169
rduepunti0 : = -1.3826169275491E+26
fil : = 506.49313210518
fipunto1 : = 1.5312415351638E+19
fi_gradi : = 29019.918821989
t1 : = 1.0812506325704E-14
tpunto1 : = 1.0053908329081
tduepunti0 : = -1.2237771045047E+17
v=v_elettrone : = 20743753.328155
x0= : -6.6176636450017E-13
y0= : -5.5166593114454E-13
*****
i=60180
k(60180)=0.99858967393244
kQ(60180)=0.99718133688449
r1= : 8.6528992135442E-13
rpunto1: = 15916282.015151
rduepunti0 : = -1.3810186726404E+26
fil : = 506.49492792525
fipunto1 : = 1.5246139799404E+19
fi_gradi : = 29020.0217149
t1 : = 1.0812506443615E-14
tpunto1 : = 1.0053765576211
tduepunti0 : = -1.2172106098508E+17
v=v_elettrone : = 20712766.801544
x0= : -6.6220481915527E-13
y0= : -5.5405889473446E-13
```

```
*****
i=60181
k(60181)=0.99859254143419
kQ(60181)=0.99718706380799
r1= : 8.6715656211186E-13
rpunto1: = 15900104.545042
rduepunti0 : = -1.3794040203547E+26
fil : = 506.4967159726
fipunto1 : = 1.5180360538047E+19
fi_gradi : = 29020.124162466
t1 : = 1.0812506561524E-14
tpunto1 : = 1.0053623587321
tduepunti0 : = -1.2106963833509E+17
v=v_elettrone : = 20681900.981254
x0= : -6.6263969138527E-13
y0= : -5.5644881830981E-13
*****
i=60182
k(60182)=0.99859540262718
kQ(60182)=0.99719277814813
r1= : 8.6902130559674E-13
rpunto1: = 15883946.198374
rduepunti0 : = -1.3777734223651E+26
fil : = 506.49849630545
fipunto1 : = 1.5115072492846E+19
fi_gradi : = 29020.226168025
t1 : = 1.0812506679431E-14
tpunto1 : = 1.0053482356344
tduepunti0 : = -1.2042338881952E+17
v=v_elettrone : = 20651155.069298
x0= : -6.6307100210018E-13
y0= : -5.58835708762E-13
*****
i=60183
k(60183)=0.99859825748964
kQ(60183)=0.99719847986134
r1= : 8.7088415405184E-13
rpunto1: = 15867807.156969
rduepunti0 : = -1.3761273208799E+26
fil : = 506.5002689814
fipunto1 : = 1.5050270653672E+19
fi_gradi : = 29020.327734875
t1 : = 1.0812506797337E-14
tpunto1 : = 1.0053341877276
tduepunti0 : = -1.1978225941202E+17
v=v_elettrone : = 20620528.27358
x0= : -6.6349877203468E-13
y0= : -5.6121957297437E-13
*****
i=60184
k(60184)=0.99860110600083
kQ(60184)=0.99720416890608
r1= : 8.7274510974124E-13
rpunto1: = 15851687.597572
rduepunti0 : = -1.3744661488443E+26
fil : = 506.50203405748
fipunto1 : = 1.4985950074018E+19
fi_gradi : = 29020.428866285
t1 : = 1.0812506915242E-14
tpunto1 : = 1.0053202144172
tduepunti0 : = -1.1914619773192E+17
v=v_elettrone : = 20590019.80942
x0= : -6.6392302175015E-13
y0= : -5.6360041782164E-13
```



```
*****
i=60185
k(60185)=0.99860394814099
kQ(60185)=0.99720984524278
r1= : 8.7460417494979E-13
rpunto1: = 15835587.691959
rduepunti0 : = -1.3727903301379E+26
fil : = 506.50379159012
fipunto1 : = 1.4922105870049E+19
fi_gradi : = 29020.529565488
t1 : = 1.0812507033144E-14
tpunto1 : = 1.005306315115
tduepunti0 : = -1.1851515203555E+17
v=v_elettrone : = 20559628.899503
x0= : -6.6434377163647E-13
y0= : -5.6597825016964E-13
*****
i=60186
k(60186)=0.99860678389134
kQ(60186)=0.9972155088338
r1= : 8.7646135198244E-13
rpunto1: = 15819507.607035
rduepunti0 : = -1.3711002797671E+26
fil : = 506.5055416352
fipunto1 : = 1.4858733219668E+19
fi_gradi : = 29020.629835685
t1 : = 1.0812507151045E-14
tpunto1 : = 1.0052924892388
tduepunti0 : = -1.1788907120755E+17
v=v_elettrone : = 20529354.772711
x0= : -6.6476104191382E-13
y0= : -5.6835307687497E-13
*****
i=60187
k(60187)=0.99860961323402
kQ(60187)=0.9972211596434
r1= : 8.7831664316375E-13
rpunto1: = 15803447.504943
rduepunti0 : = -1.3693964040537E+26
fil : = 506.50728424802
fipunto1 : = 1.4795827361593E+19
fi_gradi : = 29020.729680044
t1 : = 1.0812507268945E-14
tpunto1 : = 1.0052787362121
tduepunti0 : = -1.172679047524E+17
v=v_elettrone : = 20499196.664563
x0= : -6.6517485263459E-13
y0= : -5.7072490478465E-13
*****
i=60188
k(60188)=0.99861243615212
kQ(60188)=0.99722679763768
r1= : 8.8017005083726E-13
rpunto1: = 15787407.543159
rduepunti0 : = -1.3676791008191E+26
fil : = 506.50901948331
fipunto1 : = 1.4733383594459E+19
fi_gradi : = 29020.829101704
t1 : = 1.0812507386842E-14
tpunto1 : = 1.0052650554646
tduepunti0 : = -1.1665160278603E+17
v=v_elettrone : = 20469153.818214
x0= : -6.6558522368513E-13
y0= : -5.7309374073571E-13
```

```
*****
i=60189
k(60189)=0.99861525262963
kQ(60189)=0.99723242278455
r1= : 8.8202157736502E-13
rpunto1: = 15771387.874591
rduepunti0 : = -1.3659487595639E+26
fil : = 506.51074739529
fipunto1 : = 1.4671397275922E+19
fi_gradi : = 29020.928103767
t1 : = 1.0812507504739E-14
tpunto1 : = 1.0052514464314
tduepunti0 : = -1.1604011602752E+17
v=v_elettrone : = 20439225.482178
x0= : -6.6599217478748E-13
y0= : -5.7545959155506E-13
*****
i=60190
k(60190)=0.99861806265141
kQ(60190)=0.99723803505366
r1= : 8.8387122512698E-13
rpunto1: = 15755388.647675
rduepunti0 : = -1.3642057616441E+26
fil : = 506.51246803759
fipunto1 : = 1.4609863821792E+19
fi_gradi : = 29021.026689309
t1 : = 1.0812507622633E-14
tpunto1 : = 1.0052379085536
tduepunti0 : = -1.1543339579098E+17
v=v_elettrone : = 20409410.912103
x0= : -6.6639572550123E-13
y0= : -5.7782246405896E-13
*****
i=60191
k(60191)=0.99862086620318
kQ(60191)=0.99724363441639
r1= : 8.8571899652051E-13
rpunto1: = 15739410.006467
rduepunti0 : = -1.3624504804433E+26
fil : = 506.51418146333
fipunto1 : = 1.4548778705169E+19
fi_gradi : = 29021.124861372
t1 : = 1.0812507740526E-14
tpunto1 : = 1.0052244412777
tduepunti0 : = -1.1483139397747E+17
v=v_elettrone : = 20379709.370661
x0= : -6.6679589522519E-13
y0= : -5.8018236505284E-13
*****
i=60192
k(60192)=0.9986236632715
kQ(60192)=0.9972492208458
r1= : 8.8756489395988E-13
rpunto1: = 15723452.090737
rduepunti0 : = -1.3606832815402E+26
fil : = 506.51588772509
fipunto1 : = 1.4488137455601E+19
fi_gradi : = 29021.22262297
t1 : = 1.0812507858418E-14
tpunto1 : = 1.0052110440561
tduepunti0 : = -1.1423406306711E+17
v=v_elettrone : = 20350120.125789
x0= : -6.6719270319902E-13
y0= : -5.8253930133106E-13
```

```
*****
i=60193
k(60193)=0.99862645384376
kQ(60193)=0.99725479431657
r1= : 8.8940891987575E-13
rpunto1 : = 15707515.036057
rduepunti0 : = -1.3589045228738E+26
fil : = 506.51758687492
fipunto1 : = 1.442793565825E+19
fi_gradi : = 29021.319977084
t1 : = 1.0812507976307E-14
tpunto1 : = 1.0051977163463
tduepunti0 : = -1.1364135611124E+17
v=v_elettrone : = 20320642.452715
x0= : -6.6758616850506E-13
y0= : -5.8489327967651E-13
*****
i=60194
k(60194)=0.99862923790815
kQ(60194)=0.997260354805
r1= : 8.9125107671466E-13
rpunto1 : = 15691598.973887
rduepunti0 : = -1.3571145549034E+26
fil : = 506.51927896436
fipunto1 : = 1.4368168953082E+19
fi_gradi : = 29021.416926667
t1 : = 1.0812508094196E-14
tpunto1 : = 1.0051844576116
tduepunti0 : = -1.1305322672473E+17
v=v_elettrone : = 20291275.632197
x0= : -6.6797631006987E-13
y0= : -5.8724430686043E-13
*****
i=60195
k(60195)=0.99863201545361
kQ(60195)=0.99726590228895
r1= : 8.9309136693861E-13
rpunto1 : = 15675704.031664
rduepunti0 : = -1.3553137207658E+26
fil : = 506.52096404444
fipunto1 : = 1.4308833034055E+19
fi_gradi : = 29021.513474644
t1 : = 1.0812508212082E-14
tpunto1 : = 1.0051712673205
tduepunti0 : = -1.1246962907837E+17
v=v_elettrone : = 20262018.952
x0= : -6.6836314666598E-13
y0= : -5.8959238964203E-13
*****
i=60196
k(60196)=0.9986347864699
kQ(60196)=0.99727143674778
r1= : 8.9492979302449E-13
rpunto1 : = 15659830.332886
rduepunti0 : = -1.3535023564296E+26
fil : = 506.52264216568
fipunto1 : = 1.4249923648336E+19
fi_gradi : = 29021.609623909
t1 : = 1.0812508329968E-14
tpunto1 : = 1.0051581449468
tduepunti0 : = -1.1189051789139E+17
v=v_elettrone : = 20232871.705374
x0= : -6.6874669691338E-13
y0= : -5.9193753476842E-13
```

```
*****
i=60197
k(60197)=0.99863755094747
kQ(60197)=0.99727695816235
r1= : 8.9676635746373E-13
rpunto1: = 15643977.997191
rduepunti0 : = -1.3516807908443E+26
fil : = 506.52431337811
fipunto1 : = 1.4191436595523E+19
fi_gradi : = 29021.705377327
t1 : = 1.0812508447851E-14
tpunto1 : = 1.0051450899695
tduepunti0 : = -1.1131584842408E+17
v=v_elettrone : = 20203833.191708
x0= : -6.6912697928123E-13
y0= : -5.942797489742E-13
*****
i=60198
k(60198)=0.99864030887752
kQ(60198)=0.99728246651499
r1= : 8.9860106276175E-13
rpunto1: = 15628147.14044
rduepunti0 : = -1.3498493460882E+26
fil : = 506.52597773125
fipunto1 : = 1.4133367726878E+19
fi_gradi : = 29021.800737738
t1 : = 1.0812508565733E-14
tpunto1 : = 1.005132101873
tduepunti0 : = -1.1074557647051E+17
v=v_elettrone : = 20174902.716909
x0= : -6.6950401208945E-13
y0= : -5.9661903898124E-13
*****
i=60199
k(60199)=0.99864306025197
kQ(60199)=0.99728796178942
r1= : 9.0043391143758E-13
rpunto1: = 15612337.874798
rduepunti0 : = -1.3480083375113E+26
fil : = 506.52763527415
fipunto1 : = 1.407571294458E+19
fi_gradi : = 29021.89570795
t1 : = 1.0812508683614E-14
tpunto1 : = 1.0051191801466
tduepunti0 : = -1.1017965835135E+17
v=v_elettrone : = 20146079.592404
x0= : -6.6987781351015E-13
y0= : -5.9895541149856E-13
*****
i=60200
k(60200)=0.99864580506342
kQ(60200)=0.99729344397077
r1= : 9.0226490602339E-13
rpunto1: = 15596550.308806
rduepunti0 : = -1.346158073876E+26
fil : = 506.52928605537
fipunto1 : = 1.4018468200984E+19
fi_gradi : = 29021.990290747
t1 : = 1.0812508801493E-14
tpunto1 : = 1.0051063242849
tduepunti0 : = -1.0961805090681E+17
v=v_elettrone : = 20117363.135219
x0= : -6.702484015693E-13
y0= : -6.01288873222E-13
```

```
*****
i=60201
k(60201)=0.99864854330514
kQ(60201)=0.99729891304548
r1= : 9.0409404906409E-13
rpunto1: = 15580784.54746
rduepunti0 : = -1.3442988574944E+26
fil : = 506.530930123
fipunto1 : = 1.3961629497893E+19
fi_gradi : = 29022.084488884
t1 : = 1.0812508919371E-14
tpunto1 : = 1.0050935337871
tduepunti0 : = -1.0906071148964E+17
v=v_elettrone : = 20088752.669451
x0= : -6.7061579414824E-13
y0= : -6.0361943083396E-13
*****
i=60202
k(60202)=0.99865127497108
kQ(60202)=0.99730436900136
r1= : 9.059213431169E-13
rpunto1: = 15565040.692287
rduepunti0 : = -1.3424309843627E+26
fil : = 506.53256752467
fipunto1 : = 1.390519288585E+19
fi_gradi : = 29022.178305089
t1 : = 1.0812509037247E-14
tpunto1 : = 1.0050808081578
tduepunti0 : = -1.085075979583E+17
v=v_elettrone : = 20060247.523304
x0= : -6.7098000898506E-13
y0= : -6.0594709100342E-13
*****
i=60203
k(60203)=0.99865400005581
kQ(60203)=0.99730981182747
r1= : 9.0774679075094E-13
rpunto1: = 15549318.841412
rduepunti0 : = -1.3405547442922E+26
fil : = 506.53419830752
fipunto1 : = 1.3849154463425E+19
fi_gradi : = 29022.271742063
t1 : = 1.0812509155121E-14
tpunto1 : = 1.0050681469062
tduepunti0 : = -1.0795866867015E+17
v=v_elettrone : = 20031847.031924
x0= : -6.7134106367626E-13
y0= : -6.0827186038543E-13
*****
i=60204
k(60204)=0.99865671855455
kQ(60204)=0.99731524151414
r1= : 9.0957039454686E-13
rpunto1: = 15533619.089634
rduepunti0 : = -1.3386704210382E+26
fil : = 506.53582251826
fipunto1 : = 1.3793510376534E+19
fi_gradi : = 29022.364802484
t1 : = 1.0812509272994E-14
tpunto1 : = 1.0050555495464
tduepunti0 : = -1.074138824748E+17
v=v_elettrone : = 20003550.535535
x0= : -6.7169897567809E-13
y0= : -6.1059374562113E-13
```

```
*****
i=60205
k(60205)=0.99865943046312
kQ(60205)=0.99732065805291
r1= : 9.1139215709641E-13
rpunto1: = 15517941.528493
rduepunti0 : = -1.3367782924253E+26
fil : = 506.53744020313
fipunto1 : = 1.3738256817752E+19
fi_gradi : = 29022.457489
t1 : = 1.0812509390866E-14
tpunto1 : = 1.0050430155973
tduepunti0 : = -1.068731987075E+17
v=v_elettrone : = 19975357.380047
x0= : -6.7205376230804E-13
y0= : -6.1291275333749E-13
*****
i=60206
k(60206)=0.99866213577793
kQ(60206)=0.99732606143655
r1= : 9.1321208100206E-13
rpunto1: = 15502286.246339
rduepunti0 : = -1.3348786304704E+26
fil : = 506.53905140794
fipunto1 : = 1.3683390025648E+19
fi_gradi : = 29022.549804235
t1 : = 1.0812509508736E-14
tpunto1 : = 1.0050305445825
tduepunti0 : = -1.0633657718265E+17
v=v_elettrone : = 19947266.917386
x0= : -6.7240544074629E-13
y0= : -6.1522889014709E-13
*****
i=60207
k(60207)=0.99866483449601
kQ(60207)=0.99733145165895
r1= : 9.1503016887669E-13
rpunto1: = 15486653.328399
rduepunti0 : = -1.3329717015026E+26
fil : = 506.54065617804
fipunto1 : = 1.3628906284123E+19
fi_gradi : = 29022.641750789
t1 : = 1.0812509626605E-14
tpunto1 : = 1.0050181360302
tduepunti0 : = -1.0580397818746E+17
v=v_elettrone : = 19919278.504439
x0= : -6.7275402803706E-13
y0= : -6.1754216264806E-13
*****
i=60208
k(60208)=0.99866752661492
kQ(60208)=0.99733682871517
r1= : 9.1684642334313E-13
rpunto1: = 15471042.856841
rduepunti0 : = -1.3310577662815E+26
fil : = 506.54225455836
fipunto1 : = 1.3574801921768E+19
fi_gradi : = 29022.733331236
t1 : = 1.08125097444472E-14
tpunto1 : = 1.0050057894733
tduepunti0 : = -1.0527536247556E+17
v=v_elettrone : = 19891391.50337
x0= : -6.7309954109001E-13
y0= : -6.198525774238E-13
```

```
*****
i=60209
k(60209)=0.9986702121328
kQ(60209)=0.99734219260137
r1= : 9.1866084703385E-13
rpunto1 : = 15455454.91084
rduepunti0 : = -1.3291370801111E+26
fil : = 506.54384659339
fipunto1 : = 1.3521073311225E+19
fi_gradi : = 29022.824548124
t1 : = 1.0812509862338E-14
tpunto1 : = 1.0049935044491
tduepunti0 : = -1.0475069126084E+17
v=v_elettrone : = 19863605.282219
x0= : -6.7344199668172E-13
y0= : -6.2216014104282E-13
*****
i=60210
k(60210)=0.99867289104831
kQ(60210)=0.9973475433148
r1= : 9.2047344259064E-13
rpunto1 : = 15439889.566637
rduepunti0 : = -1.3272098929533E+26
fil : = 506.5454323272
fipunto1 : = 1.3467716868559E+19
fi_gradi : = 29022.915403978
t1 : = 1.0812509980202E-14
tpunto1 : = 1.0049812804995
tduepunti0 : = -1.0422992621132E+17
v=v_elettrone : = 19835919.213813
x0= : -6.7378141145693E-13
y0= : -6.2446486005864E-13
*****
i=60211
k(60211)=0.99867556336067
kQ(60211)=0.99735288085375
r1= : 9.2228421266421E-13
rpunto1 : = 15424346.897607
rduepunti0 : = -1.3252764495372E+26
fil : = 506.54701180344
fipunto1 : = 1.3414729052645E+19
fi_gradi : = 29023.005901301
t1 : = 1.0812510098065E-14
tpunto1 : = 1.0049691171709
tduepunti0 : = -1.0371302944309E+17
v=v_elettrone : = 19808332.67692
x0= : -6.7411780192998E-13
y0= : -6.2676674100957E-13
*****
i=60212
k(60212)=0.99867822906959
kQ(60212)=0.99735820521757
r1= : 9.2409315991385E-13
rpunto1 : = 15408826.974311
rduepunti0 : = -1.3233369894673E+26
fil : = 506.54858506533
fipunto1 : = 1.336210636456E+19
fi_gradi : = 29023.096042567
t1 : = 1.0812510215926E-14
tpunto1 : = 1.0049570140141
tduepunti0 : = -1.0319996351437E+17
v=v_elettrone : = 19780845.055139
x0= : -6.7445118448602E-13
y0= : -6.2906579041865E-13
```

```
*****
i=60213
k(60213)=0.99868088817529
kQ(60213)=0.99736351640659
r1= : 9.2590028700717E-13
rpunto1: = 15393329.86456
rduepunti0 : = -1.3213917473282E+26
fil : = 506.55015215571
fipunto1 : = 1.3309845346986E+19
fi_gradi : = 29023.185830232
t1 : = 1.0812510333786E-14
tpunto1 : = 1.004944970584
tduepunti0 : = -1.0269069141966E+17
v=v_elettrone : = 19753455.736938
x0= : -6.7478157538238E-13
y0= : -6.3136201479345E-13
*****
i=60214
k(60214)=0.99868354067849
kQ(60214)=0.99736881442213
r1= : 9.2770559661971E-13
rpunto1: = 15377855.633473
rduepunti0 : = -1.3194409527882E+26
fil : = 506.55171311698
fipunto1 : = 1.3257942583625E+19
fi_gradi : = 29023.275266725
t1 : = 1.0812510451645E-14
tpunto1 : = 1.00493298644
tduepunti0 : = -1.0218517658391E+17
v=v_elettrone : = 19726164.116484
x0= : -6.7510899074993E-13
y0= : -6.336554206259E-13
*****
i=60215
k(60215)=0.99868618658038
kQ(60215)=0.99737409926646
r1= : 9.2950909143465E-13
rpunto1: = 15362404.34353
rduepunti0 : = -1.3174848306999E+26
fil : = 506.55326799116
fipunto1 : = 1.320639469862E+19
fi_gradi : = 29023.364354453
t1 : = 1.0812510569502E-14
tpunto1 : = 1.0049210611457
tduepunti0 : = -1.0168338285688E+17
v=v_elettrone : = 19698969.592544
x0= : -6.7543344659423E-13
y0= : -6.3594601439224E-13
*****
i=60216
k(60216)=0.99868882588261
kQ(60216)=0.99737937094279
r1= : 9.3131077414249E-13
rpunto1: = 15346976.054631
rduepunti0 : = -1.3155236011985E+26
fil : = 506.55481681988
fipunto1 : = 1.315519835599E+19
fi_gradi : = 29023.453095801
t1 : = 1.0812510687358E-14
tpunto1 : = 1.0049091942689
tduepunti0 : = -1.0118527450745E+17
v=v_elettrone : = 19671871.56876
x0= : -6.7575495879689E-13
y0= : -6.3823380255286E-13
```



```
*****
i=60217
k(60217)=0.99869145858731
kQ(60217)=0.99738462945524
r1= : 9.3311064744077E-13
rpunto1 : = 15331570.824146
rduepunti0 : = -1.3135574797988E+26
fil : = 506.55635964435
fipunto1 : = 1.3104350259067E+19
fi_gradi : = 29023.541493132
t1 : = 1.0812510805212E-14
tpunto1 : = 1.0048973853816
tduepunti0 : = -1.0069081621814E+17
v=v_elettrone : = 19644869.454499
x0= : -6.7607354311682E-13
y0= : -6.405187915521E-13
*****
i=60218
k(60218)=0.99869408469702
kQ(60218)=0.99738987480881
r1= : 9.3490871403375E-13
rpunto1 : = 15316188.706973
rduepunti0 : = -1.3115866774892E+26
fil : = 506.55789650543
fipunto1 : = 1.3053847149949E+19
fi_gradi : = 29023.629548786
t1 : = 1.0812510923066E-14
tpunto1 : = 1.0048856340596
tduepunti0 : = -1.0019997307964E+17
v=v_elettrone : = 19617962.663428
x0= : -6.7638921519136E-13
y0= : -6.4280098781827E-13
*****
i=60219
k(60219)=0.99869670421473
kQ(60219)=0.99739510700937
r1= : 9.3670497663213E-13
rpunto1 : = 15300829.755587
rduepunti0 : = -1.3096114008244E+26
fil : = 506.55942744356
fipunto1 : = 1.3003685808957E+19
fi_gradi : = 29023.71726508
t1 : = 1.0812511040917E-14
tpunto1 : = 1.0048739398832
tduepunti0 : = -9.9712710585406E+16
v=v_elettrone : = 19591150.613797
x0= : -6.7670199053758E-13
y0= : -6.450803977635E-13
*****
i=60220
k(60220)=0.99869931714387
kQ(60220)=0.99740032606363
r1= : 9.3849943795275E-13
rpunto1 : = 15285494.020091
rduepunti0 : = -1.3076318520156E+26
fil : = 506.56095249884
fipunto1 : = 1.2953863054105E+19
fi_gradi : = 29023.804644311
t1 : = 1.0812511158768E-14
tpunto1 : = 1.0048623024364
tduepunti0 : = -9.9228994626355E+16
v=v_elettrone : = 19564432.729534
x0= : -6.7701188455351E-13
y0= : -6.473570277835E-13
```

```
*****
i=60221
k(60221)=0.99870192348825
kQ(60221)=0.99740553197912
r1= : 9.4029210071836E-13
rpunto1: = 15270181.548266
rduepunti0 : = -1.305648229019E+26
fil : = 506.56247171097
fipunto1 : = 1.2904375740573E+19
fi_gradi : = 29023.891688754
t1 : = 1.0812511276616E-14
tpunto1 : = 1.0048507213072
tduepunti0 : = -9.8748791485662E+16
v=v_elettrone : = 19537808.438264
x0= : -6.7731891251922E-13
y0= : -6.4963088425768E-13
*****
i=60222
k(60222)=0.99870452325209
kQ(60222)=0.99741072476418
r1= : 9.4208296765728E-13
rpunto1: = 15254892.385621
rduepunti0 : = -1.3036607256222E+26
fil : = 506.5639851193
fipunto1 : = 1.2855220760193E+19
fi_gradi : = 29023.978400664
t1 : = 1.0812511394464E-14
tpunto1 : = 1.0048391960875
tduepunti0 : = -9.8272067833586E+16
v=v_elettrone : = 19511277.173543
x0= : -6.7762308959812E-13
y0= : -6.5190197354881E-13
*****
i=60223
k(60223)=0.99870711644001
kQ(60223)=0.99741590442791
r1= : 9.4387204150318E-13
rpunto1: = 15239626.57544
rduepunti0 : = -1.3016695315295E+26
fil : = 506.56549276279
fipunto1 : = 1.2806395040941E+19
fi_gradi : = 29024.064782273
t1 : = 1.081251151231E-14
tpunto1 : = 1.0048277263731
tduepunti0 : = -9.7798790722392E+16
v=v_elettrone : = 19484838.372271
x0= : -6.7792443083798E-13
y0= : -6.5417030200319E-13
*****
i=60224
k(60224)=0.998709703057
kQ(60224)=0.99742107098019
r1= : 9.4565932499481E-13
rpunto1: = 15224384.15883
rduepunti0 : = -1.2996748324441E+26
fil : = 506.56699468007
fipunto1 : = 1.2757895546438E+19
fi_gradi : = 29024.150835794
t1 : = 1.0812511630155E-14
tpunto1 : = 1.0048163117636
tduepunti0 : = -9.7328927581346E+16
v=v_elettrone : = 19458491.476942
x0= : -6.7822295117223E-13
y0= : -6.5643587595028E-13
```

```
*****
i=60225
k(60225)=0.99871228310842
kQ(60225)=0.99742622443164
r1= : 9.4744482087574E-13
rpunto1 : = 15209165.174763
rduepunti0 : = -1.2976768101496E+26
fil : = 506.56849090939
fipunto1 : = 1.2709719275459E+19
fi_gradi : = 29024.236563419
t1 : = 1.0812511747999E-14
tpunto1 : = 1.0048049518625
tduepunti0 : = -9.6862446211776E+16
v=v_elettrone : = 19432235.934168
x0= : -6.7851866542096E-13
y0= : -6.5869870170283E-13
*****
i=60226
k(60226)=0.99871485660001
kQ(60226)=0.99743136479359
r1= : 9.492285318941E-13
rpunto1 : = 15193969.660129
rduepunti0 : = -1.2956756425895E+26
fil : = 506.56998148866
fipunto1 : = 1.2661863261447E+19
fi_gradi : = 29024.32196732
t1 : = 1.0812511865841E-14
tpunto1 : = 1.0047936462768
tduepunti0 : = -9.6399314782206E+16
v=v_elettrone : = 19406071.195227
x0= : -6.7881158829213E-13
y0= : -6.6095878555669E-13
*****
i=60227
k(60227)=0.99871742353784
kQ(60227)=0.99743649207807
r1= : 9.5101046080236E-13
rpunto1 : = 15178797.649771
rduepunti0 : = -1.2936715039445E+26
fil : = 506.57146645544
fipunto1 : = 1.2614324572038E+19
fi_gradi : = 29024.40704965
t1 : = 1.0812511983682E-14
tpunto1 : = 1.0047823946174
tduepunti0 : = -9.5939501823557E+16
v=v_elettrone : = 19379996.716001
x0= : -6.7910173438259E-13
y0= : -6.6321613379078E-13
*****
i=60228
k(60228)=0.99871998392834
kQ(60228)=0.99744160629781
r1= : 9.5279061035707E-13
rpunto1 : = 15163649.176533
rduepunti0 : = -1.2916645647092E+26
fil : = 506.57294584694
fipunto1 : = 1.2567100308593E+19
fi_gradi : = 29024.491812539
t1 : = 1.0812512101521E-14
tpunto1 : = 1.0047711964987
tduepunti0 : = -9.5482976224423E+16
v=v_elettrone : = 19354011.95665
x0= : -6.7938911817923E-13
y0= : -6.6547075266699E-13
```

```
*****
i=60229
k(60229)=0.99872253777824
kQ(60229)=0.99744670746621
r1= : 9.5456898331864E-13
rpunto1 : = 15148524.271305
rduepunti0 : = -1.2896549917659E+26
fil : = 506.57441970004
fipunto1 : = 1.2520187605736E+19
fi_gradi : = 29024.576258101
t1 : = 1.081251221936E-14
tpunto1 : = 1.0047600515388
tduepunti0 : = -9.5029707226405E+16
v=v_elettrone : = 19328116.381273
x0= : -6.7967375406003E-13
y0= : -6.6772264843013E-13
*****
i=60230
k(60230)=0.99872508509464
kQ(60230)=0.9974517955973
r1= : 9.5634558245108E-13
rpunto1 : = 15133422.963058
rduepunti0 : = -1.2876429484582E+26
fil : = 506.57588805129
fipunto1 : = 1.2473583630901E+19
fi_gradi : = 29024.66038843
t1 : = 1.0812512337197E-14
tpunto1 : = 1.0047489593594
tduepunti0 : = -9.4579664419519E+16
v=v_elettrone : = 19302309.459271
x0= : -6.7995565629519E-13
y0= : -6.699718273078E-13
*****
i=60231
k(60231)=0.99872762588494
kQ(60231)=0.99745687070576
r1= : 9.5812041052182E-13
rpunto1 : = 15118345.278889
rduepunti0 : = -1.2856285946617E+26
fil : = 506.57735093688
fipunto1 : = 1.2427285583883E+19
fi_gradi : = 29024.744205601
t1 : = 1.0812512455032E-14
tpunto1 : = 1.0047379195855
tduepunti0 : = -9.4132817737666E+16
v=v_elettrone : = 19276590.663295
x0= : -6.8023483904808E-13
y0= : -6.7221829551042E-13
*****
i=60232
k(60232)=0.99873016015682
kQ(60232)=0.99746193280687
r1= : 9.5989347030147E-13
rpunto1 : = 15103291.24406
rduepunti0 : = -1.2836120868543E+26
fil : = 506.57880839269
fipunto1 : = 1.23812906964E+19
fi_gradi : = 29024.827711668
t1 : = 1.0812512572867E-14
tpunto1 : = 1.0047269318459
tduepunti0 : = -9.3689137454166E+16
v=v_elettrone : = 19250959.47146
x0= : -6.8051131637639E-13
y0= : -6.7446205923105E-13
```

```
*****
i=60233
k(60233)=0.99873268791831
kQ(60233)=0.99746698191653
r1= : 9.6166476456358E-13
rpunto1: = 15088260.882036
rduepunti0 : = -1.2815935781841E+26
fil : = 506.58026045428
fipunto1 : = 1.2335596231656E+19
fi_gradi : = 29024.910908669
t1 : = 1.08125126907E-14
tpunto1 : = 1.0047159957726
tduepunti0 : = -9.3248594177359E+16
v=v_elettrone : = 19225415.364997
x0= : -6.8078510223301E-13
y0= : -6.767031246455E-13
*****
i=60234
k(60234)=0.99873520917769
kQ(60234)=0.9974720180512
r1= : 9.6343429608447E-13
rpunto1: = 15073254.214527
rduepunti0 : = -1.2795732185369E+26
fil : = 506.58170715689
fipunto1 : = 1.2290199483922E+19
fi_gradi : = 29024.993798622
t1 : = 1.0812512808531E-14
tpunto1 : = 1.0047051110012
tduepunti0 : = -9.2811158846264E+16
v=v_elettrone : = 19199957.829606
x0= : -6.8105621046721E-13
y0= : -6.7894149791213E-13
*****
i=60235
k(60235)=0.99873772394354
kQ(60235)=0.99747704122792
r1= : 9.6520206764301E-13
rpunto1: = 15058271.26152
rduepunti0 : = -1.2775511546014E+26
fil : = 506.58314853543
fipunto1 : = 1.2245097778108E+19
fi_gradi : = 29025.076383529
t1 : = 1.0812512926362E-14
tpunto1 : = 1.0046942771705
tduepunti0 : = -9.2376802726302E+16
v=v_elettrone : = 19174586.355663
x0= : -6.8132465482557E-13
y0= : -6.8117718517182E-13
*****
i=60236
k(60236)=0.99874023222473
kQ(60236)=0.9974820514643
r1= : 9.6696808202039E-13
rpunto1: = 15043312.041318
rduepunti0 : = -1.2755275299335E+26
fil : = 506.5845846245
fipunto1 : = 1.2200288469356E+19
fi_gradi : = 29025.158665372
t1 : = 1.0812513044191E-14
tpunto1 : = 1.0046834939227
tduepunti0 : = -9.1945497405083E+16
v=v_elettrone : = 19149300.437009
x0= : -6.8159044895293E-13
y0= : -6.8341019254799E-13
```

```
*****
i=60237
k(60237)=0.99874273403037
kQ(60237)=0.99748704877845
r1= : 9.6873234199998E-13
rpunto1 : = 15028376.570578
rduepunti0 : = -1.2735024850188E+26
fil : = 506.58601545839
fipunto1 : = 1.2155768942629E+19
fi_gradi : = 29025.240646115
t1 : = 1.0812513162019E-14
tpunto1 : = 1.0046727609033
tduepunti0 : = -9.1517214788243E+16
v=v_elettrone : = 19124099.571998
x0= : -6.8185360639343E-13
y0= : -6.8564052614652E-13
*****
i=60238
k(60238)=0.99874522936985
kQ(60238)=0.99749203318904
r1= : 9.7049485036707E-13
rpunto1 : = 15013464.864344
rduepunti0 : = -1.2714761573344E+26
fil : = 506.58744107108
fipunto1 : = 1.2111536612312E+19
fi_gradi : = 29025.322327705
t1 : = 1.0812513279846E-14
tpunto1 : = 1.0046620777611
tduepunti0 : = -9.1091927095353E+16
v=v_elettrone : = 19098983.26227
x0= : -6.8211414059144E-13
y0= : -6.8786819205569E-13
*****
i=60239
k(60239)=0.99874771825283
kQ(60239)=0.99749700471523
r1= : 9.7225560990875E-13
rpunto1 : = 14998576.936084
rduepunti0 : = -1.2694486814092E+26
fil : = 506.58886149627
fipunto1 : = 1.2067588921819E+19
fi_gradi : = 29025.403712074
t1 : = 1.0812513397671E-14
tpunto1 : = 1.0046514441481
tduepunti0 : = -9.0669606855876E+16
v=v_elettrone : = 19073951.014392
x0= : -6.8237206489261E-13
y0= : -6.9009319634612E-13
*****
i=60240
k(60240)=0.99875020068917
kQ(60240)=0.99750196337667
r1= : 9.7401462341364E-13
rpunto1 : = 14983712.797718
rduepunti0 : = -1.2674201888825E+26
fil : = 506.59027676733
fipunto1 : = 1.2023923343203E+19
fi_gradi : = 29025.484801132
t1 : = 1.0812513515495E-14
tpunto1 : = 1.0046408597194
tduepunti0 : = -9.0250226905186E+16
v=v_elettrone : = 19049002.338024
x0= : -6.8262739254466E-13
y0= : -6.9231554507082E-13
```

```
*****
i=60241
k(60241)=0.99875267668903
kQ(60241)=0.9975069091935
r1= : 9.7577189367182E-13
rpunto1 : = 14968872.45966
rduepunti0 : = -1.265390808562E+26
fil : = 506.59168691735
fipunto1 : = 1.1980537376771E+19
fi_gradi : = 29025.565596777
t1 : = 1.0812513633318E-14
tpunto1 : = 1.0046303241334
tduepunti0 : = -8.9833760380641E+16
v=v_elettrone : = 19024136.74728
x0= : -6.8288013669848E-13
y0= : -6.9453524426504E-13
*****
i=60242
k(60242)=0.99875514626275
kQ(60242)=0.99751184218633
r1= : 9.7752742347454E-13
rpunto1 : = 14954055.930843
rduepunti0 : = -1.2633606664803E+26
fil : = 506.59309197912
fipunto1 : = 1.1937428550715E+19
fi_gradi : = 29025.646100886
t1 : = 1.081251375114E-14
tpunto1 : = 1.0046198370514
tduepunti0 : = -8.9420180717714E+16
v=v_elettrone : = 18999353.760047
x0= : -6.8313031040892E-13
y0= : -6.9675229994633E-13
*****
i=60243
k(60243)=0.99875760942094
kQ(60243)=0.99751676237622
r1= : 9.7928121561412E-13
rpunto1 : = 14939263.218754
rduepunti0 : = -1.2613298859501E+26
fil : = 506.59449198514
fipunto1 : = 1.1894594420733E+19
fi_gradi : = 29025.726315323
t1 : = 1.0812513868961E-14
tpunto1 : = 1.0046093981381
tduepunti0 : = -8.9009461646178E+16
v=v_elettrone : = 18974652.897873
x0= : -6.8337792663577E-13
y0= : -6.989667181145E-13
*****
i=60244
k(60244)=0.99876006617439
kQ(60244)=0.99752166978468
r1= : 9.8103327288375E-13
rpunto1 : = 14924494.329467
rduepunti0 : = -1.2592985876185E+26
fil : = 506.59588696763
fipunto1 : = 1.1852032569669E+19
fi_gradi : = 29025.806241932
t1 : = 1.081251398678E-14
tpunto1 : = 1.0045990070609
tduepunti0 : = -8.8601577186342E+16
v=v_elettrone : = 18950033.686166
x0= : -6.8362299824466E-13
y0= : -7.0117850475156E-13
```

```
*****
i=60245
k(60245)=0.99876251653415
kQ(60245)=0.99752656443364
r1= : 9.8278359807735E-13
rpunto1 : = 14909749.26767
rduepunti0 : = -1.2572668895202E+26
fil : = 506.59727695853
fipunto1 : = 1.1809740607153E+19
fi_gradi : = 29025.885882544
t1 : = 1.0812514104598E-14
tpunto1 : = 1.0045886634904
tduepunti0 : = -8.8196501645344E+16
v=v_elettrone : = 18925495.653784
x0= : -6.8386553800793E-13
y0= : -7.0338766582172E-13
*****
i=60246
k(60246)=0.99876496051145
kQ(60246)=0.99753144634544
r1= : 9.8453219398936E-13
rpunto1 : = 14895028.036697
rduepunti0 : = -1.2552349071293E+26
fil : = 506.59866198947
fipunto1 : = 1.1767716169244E+19
fi_gradi : = 29025.965238971
t1 : = 1.0812514222415E-14
tpunto1 : = 1.0045783671002
tduepunti0 : = -8.7794209613496E+16
v=v_elettrone : = 18901038.334096
x0= : -6.8410555860556E-13
y0= : -7.0559420727131E-13
*****
i=60247
k(60247)=0.99876739811772
kQ(60247)=0.99753631554284
r1= : 9.8627906341464E-13
rpunto1 : = 14880330.638557
rduepunti0 : = -1.2532027534103E+26
fil : = 506.60004209185
fipunto1 : = 1.1725956918085E+19
fi_gradi : = 29026.044313013
t1 : = 1.081251434023E-14
tpunto1 : = 1.0045681175668
tduepunti0 : = -8.7394675960676E+16
v=v_elettrone : = 18876661.263105
x0= : -6.8434307262597E-13
y0= : -7.0779813502887E-13
*****
i=60248
k(60248)=0.9987698293646
kQ(60248)=0.997541172049
r1= : 9.8802420914828E-13
rpunto1 : = 14865657.073964
rduepunti0 : = -1.2511705388679E+26
fil : = 506.60141729675
fipunto1 : = 1.1684460541557E+19
fi_gradi : = 29026.12310645
t1 : = 1.0812514458045E-14
tpunto1 : = 1.0045579145696
tduepunti0 : = -8.6997875832779E+16
v=v_elettrone : = 18852363.981101
x0= : -6.8457809256697E-13
y0= : -7.0999945500503E-13
```



```
*****
i=60249
k(60249)=0.99877225426392
kQ(60249)=0.99754601588743
r1= : 9.8976763398543E-13
rpunto1: = 14851007.342363
rduepunti0 : = -1.2491383715961E+26
fil : = 506.60278763502
fipunto1 : = 1.1643224752944E+19
fi_gradi : = 29026.201621049
t1 : = 1.0812514575858E-14
tpunto1 : = 1.0045477577909
tduepunti0 : = -8.6603784648208E+16
v=v_elettrone : = 18828146.032238
x0= : -6.8481063083654E-13
y0= : -7.1219817309253E-13
*****
i=60250
k(60250)=0.99877467282769
kQ(60250)=0.99755084708205
r1= : 9.915093407212E-13
rpunto1: = 14836381.441959
rduepunti0 : = -1.2471063573254E+26
fil : = 506.6041531372
fipunto1 : = 1.1602247290594E+19
fi_gradi : = 29026.279858561
t1 : = 1.081251469367E-14
tpunto1 : = 1.0045376469159
tduepunti0 : = -8.6212378094422E+16
v=v_elettrone : = 18804006.963232
x0= : -6.8504069975367E-13
y0= : -7.1439429516628E-13
*****
i=60251
k(60251)=0.99877708506809
kQ(60251)=0.99755566565711
r1= : 9.9324933215048E-13
rpunto1: = 14821779.369747
rduepunti0 : = -1.2450745994704E+26
fil : = 506.60551383361
fipunto1 : = 1.1561525917598E+19
fi_gradi : = 29026.357820722
t1 : = 1.0812514811481E-14
tpunto1 : = 1.0045275816324
tduepunti0 : = -8.5823632124531E+16
v=v_elettrone : = 18779946.325301
x0= : -6.8526831154928E-13
y0= : -7.1658782708318E-13
*****
i=60252
k(60252)=0.9987794909975
kQ(60252)=0.99756047163723
r1= : 9.9498761106782E-13
rpunto1: = 14807201.121531
rduepunti0 : = -1.2430431991752E+26
fil : = 506.60686975426
fipunto1 : = 1.1521058421464E+19
fi_gradi : = 29026.435509253
t1 : = 1.0812514929291E-14
tpunto1 : = 1.0045175616314
tduepunti0 : = -8.5437522953937E+16
v=v_elettrone : = 18755963.672856
x0= : -6.8549347836695E-13
y0= : -7.1877877468229E-13
```

```
*****
i=60253
k(60253)=0.99878189062845
kQ(60253)=0.99756526504735
r1= : 9.9672418026725E-13
rpunto1 : = 14792646.69196
rduepunti0 : = -1.2410122553586E+26
fil : = 506.60822092894
fipunto1 : = 1.1480842613795E+19
fi_gradi : = 29026.512925859
t1 : = 1.0812515047099E-14
tpunto1 : = 1.0045075866062
tduepunti0 : = -8.505402705702E+16
v=v_elettrone : = 18732058.563666
x0= : -6.8571621226375E-13
y0= : -7.2096714378473E-13
*****
i=60254
k(60254)=0.99878428397364
kQ(60254)=0.99757004591274
r1= : 9.984590425422E-13
rpunto1 : = 14778116.074543
rduepunti0 : = -1.2389818647577E+26
fil : = 506.60956738716
fipunto1 : = 1.1440876329983E+19
fi_gradi : = 29026.590072233
t1 : = 1.0812515164907E-14
tpunto1 : = 1.0044976562532
tduepunti0 : = -8.4673121163879E+16
v=v_elettrone : = 18708230.558712
x0= : -6.8593652521108E-13
y0= : -7.2315294019369E-13
*****
i=60255
k(60255)=0.99878667104593
kQ(60255)=0.99757481425901
r1= : 1.0001922006853E-12
rpunto1 : = 14763609.261686
rduepunti0 : = -1.2369521219717E+26
fil : = 506.61090915818
fipunto1 : = 1.1401157428895E+19
fi_gradi : = 29026.666950049
t1 : = 1.0812515282713E-14
tpunto1 : = 1.0044877702713
tduepunti0 : = -8.4294782257107E+16
v=v_elettrone : = 18684479.222946
x0= : -6.861544290955E-13
y0= : -7.2533616969439E-13
*****
i=60256
k(60256)=0.99878905185833
kQ(60256)=0.99757957011206
r1= : 1.0019236574884E-12
rpunto1 : = 14749126.244704
rduepunti0 : = -1.2349231195036E+26
fil : = 506.61224627103
fipunto1 : = 1.1361683792569E+19
fi_gradi : = 29026.743560972
t1 : = 1.0812515400518E-14
tpunto1 : = 1.0044779283621
tduepunti0 : = -8.3918987568623E+16
v=v_elettrone : = 18660804.124272
x0= : -6.8636993571939E-13
y0= : -7.2751683805416E-13
```

```
*****
i=60257
k(60257)=0.998791426424
kQ(60257)=0.99758431349809
r1= : 1.0036534157422E-12
rpunto1 : = 14734667.013854
rduepunti0 : = -1.2328949478017E+26
fil : = 506.61357875446
fipunto1 : = 1.1322453325916E+19
fi_gradi : = 29026.819906649
t1 : = 1.0812515518322E-14
tpunto1 : = 1.0044681302298
tduepunti0 : = -8.3545714576536E+16
v=v_elettrone : = 18637204.834271
x0= : -6.8658305680186E-13
y0= : -7.2969495102237E-13
*****
i=60258
k(60258)=0.99879379475625
kQ(60258)=0.99758904444358
r1= : 1.0053814782362E-12
rpunto1 : = 14720231.558357
rduepunti0 : = -1.2308676953003E+26
fil : = 506.61490663699
fipunto1 : = 1.1283463956426E+19
fi_gradi : = 29026.895988714
t1 : = 1.0812515636124E-14
tpunto1 : = 1.0044583755814
tduepunti0 : = -8.3174941002065E+16
v=v_elettrone : = 18613680.927483
x0= : -6.8679380397941E-13
y0= : -7.3187051433051E-13
*****
i=60259
k(60259)=0.99879615686852
kQ(60259)=0.99759376297532
r1= : 1.0071078477589E-12
rpunto1 : = 14705819.866419
rduepunti0 : = -1.2288414484593E+26
fil : = 506.6162299469
fipunto1 : = 1.1244713633873E+19
fi_gradi : = 29026.971808787
t1 : = 1.0812515753926E-14
tpunto1 : = 1.0044486641263
tduepunti0 : = -8.2806644806494E+16
v=v_elettrone : = 18590231.981831
x0= : -6.8700218880677E-13
y0= : -7.3404353369209E-13
*****
i=60260
k(60260)=0.9987985127744
kQ(60260)=0.99759846912035
r1= : 1.0088325270972E-12
rpunto1 : = 14691431.925253
rduepunti0 : = -1.2268162918032E+26
fil : = 506.61754871222
fipunto1 : = 1.1206200330035E+19
fi_gradi : = 29027.047368474
t1 : = 1.0812515871726E-14
tpunto1 : = 1.0044389955766
tduepunti0 : = -8.2440804188169E+16
v=v_elettrone : = 18566857.578203
x0= : -6.872082227576E-13
y0= : -7.3621401480273E-13
```

```
*****
i=60261
k(60261)=0.9988008624876
kQ(60261)=0.99760316290597
r1= : 1.0105555190366E-12
rpunto1: = 14677067.721105
rduepunti0 : = -1.2247923079588E+26
fil : = 506.61886296075
fipunto1 : = 1.1167922038404E+19
fi_gradi : = 29027.122669368
t1 : = 1.0812515989526E-14
tpunto1 : = 1.0044293696466
tduepunti0 : = -8.2077397579544E+16
v=v_elettrone : = 18543557.301459
x0= : -6.8741191722535E-13
y0= : -7.3838196334008E-13
*****
i=60262
k(60262)=0.99880320602196
kQ(60262)=0.99760784435974
r1= : 1.0122768263609E-12
rpunto1: = 14662727.239273
rduepunti0 : = -1.2227695776934E+26
fil : = 506.62017272006
fipunto1 : = 1.1129876773914E+19
fi_gradi : = 29027.197713048
t1 : = 1.0812516107324E-14
tpunto1 : = 1.0044197860536
tduepunti0 : = -8.1716403644261E+16
v=v_elettrone : = 18520330.739111
x0= : -6.876132835238E-13
y0= : -7.4054738496395E-13
*****
i=60263
k(60263)=0.99880554339144
kQ(60263)=0.99761251350947
r1= : 1.0139964518522E-12
rpunto1: = 14648410.46413
rduepunti0 : = -1.2207481799505E+26
fil : = 506.62147801746
fipunto1 : = 1.1092062572666E+19
fi_gradi : = 29027.27250108
t1 : = 1.0812516225121E-14
tpunto1 : = 1.0044102445169
tduepunti0 : = -8.1357801274271E+16
v=v_elettrone : = 18497177.481445
x0= : -6.878123328879E-13
y0= : -7.4271028531625E-13
*****
i=60264
k(60264)=0.99880787461013
kQ(60264)=0.9976171703832
r1= : 1.0157143982908E-12
rpunto1: = 14634117.379142
rduepunti0 : = -1.2187281918863E+26
fil : = 506.62277888007
fipunto1 : = 1.1054477491655E+19
fi_gradi : = 29027.347035017
t1 : = 1.0812516342917E-14
tpunto1 : = 1.0044007447587
tduepunti0 : = -8.1001569587004E+16
v=v_elettrone : = 18474097.122563
x0= : -6.8800907647456E-13
y0= : -7.4487067002093E-13
```

```

*****
i=60265
k(60265)=0.99881019969221
kQ(60265)=0.9976218150092
r1= : 1.0174306684551E-12
rpunto1: = 14619847.966895
rduepunti0 : = -1.2167096889043E+26
fil : = 506.62407533474
fipunto1 : = 1.1017119608509E+19
fi_gradi : = 29027.421316399
t1 : = 1.0812516460712E-14
tpunto1 : = 1.0043912865032
tduepunti0 : = -8.0647687922561E+16
v=v_elettrone : = 18451089.259625
x0= : -6.8820352536322E-13
y0= : -7.4702854468412E-13
*****
i=60266
k(60266)=0.998812518652
kQ(60266)=0.99762644741596
r1= : 1.0191452651213E-12
rpunto1: = 14605602.209105
rduepunti0 : = -1.2146927446903E+26
fil : = 506.62536740813
fipunto1 : = 1.0979987021221E+19
fi_gradi : = 29027.495346751
t1 : = 1.0812516578505E-14
tpunto1 : = 1.0043818694774
tduepunti0 : = -8.0296135840966E+16
v=v_elettrone : = 18428153.492087
x0= : -6.8839569055659E-13
y0= : -7.4918391489411E-13
*****
i=60267
k(60267)=0.99881483150391
kQ(60267)=0.99763106763219
r1= : 1.0208581910638E-12
rpunto1: = 14591380.086648
rduepunti0 : = -1.2126774312456E+26
fil : = 506.62665512666
fipunto1 : = 1.0943077847898E+19
fi_gradi : = 29027.569127588
t1 : = 1.0812516696298E-14
tpunto1 : = 1.0043724934102
tduepunti0 : = -7.9946893119437E+16
v=v_elettrone : = 18405289.423619
x0= : -6.8858558298145E-13
y0= : -7.513367862213E-13
*****
i=60268
k(60268)=0.99881713826245
kQ(60268)=0.9976356756868
r1= : 1.0225694490542E-12
rpunto1: = 14577181.579573
rduepunti0 : = -1.2106638189203E+26
fil : = 506.62793851654
fipunto1 : = 1.09063902265E+19
fi_gradi : = 29027.642660411
t1 : = 1.0812516814089E-14
tpunto1 : = 1.0043631580333
tduepunti0 : = -7.9599939749708E+16
v=v_elettrone : = 18382496.659862
x0= : -6.8877321348916E-13
y0= : -7.5348716421832E-13

```

```
*****
i=60269
k(60269)=0.99881943894225
kQ(60269)=0.9976402716089
r1= : 1.0242790418623E-12
rpunto1 : = 14563006.667124
rduepunti0 : = -1.2086519764458E+26
fil : = 506.62921760373
fipunto1 : = 1.0869922314593E+19
fi_gradi : = 29027.715946709
t1 : = 1.081251693188E-14
tpunto1 : = 1.0043538630804
tduepunti0 : = -7.925525593538E+16
v=v_elettrone : = 18359774.809728
x0= : -6.8895859285649E-13
y0= : -7.5563505441997E-13
*****
i=60270
k(60270)=0.998821733558
kQ(60270)=0.9976448554278
r1= : 1.0259869722552E-12
rpunto1 : = 14548855.327757
rduepunti0 : = -1.2066419709663E+26
fil : = 506.63049241402
fipunto1 : = 1.08336722891E+19
fi_gradi : = 29027.788987958
t1 : = 1.0812517049669E-14
tpunto1 : = 1.0043446082878
tduepunti0 : = -7.8912822089313E+16
v=v_elettrone : = 18337123.485251
x0= : -6.8914173178623E-13
y0= : -7.5778046234322E-13
*****
i=60271
k(60271)=0.99882402212451
kQ(60271)=0.99764942717299
r1= : 1.0276932429975E-12
rpunto1 : = 14534727.539158
rduepunti0 : = -1.20463386807E+26
fil : = 506.63176297295
fipunto1 : = 1.079763834606E+19
fi_gradi : = 29027.861785622
t1 : = 1.0812517167457E-14
tpunto1 : = 1.0043353933937
tduepunti0 : = -7.8572618831051E+16
v=v_elettrone : = 18314542.3014
x0= : -6.8932264090788E-13
y0= : -7.599233934873E-13
*****
i=60272
k(60272)=0.99882630465668
kQ(60272)=0.99765398687412
r1= : 1.0293978568513E-12
rpunto1 : = 14520623.278263
rduepunti0 : = -1.2026277318197E+26
fil : = 506.63302930586
fipunto1 : = 1.0761818700388E+19
fi_gradi : = 29027.934341154
t1 : = 1.0812517285244E-14
tpunto1 : = 1.0043262181389
tduepunti0 : = -7.8234626984286E+16
v=v_elettrone : = 18292030.875908
x0= : -6.8950133077826E-13
y0= : -7.6206385333371E-13
```

```
*****
i=60273
k(60273)=0.99882858116948
kQ(60273)=0.99765853456103
r1= : 1.0311008165757E-12
rpunto1: = 14506542.521273
rduepunti0 : = -1.2006236247824E+26
fil : = 506.6342914379
fipunto1 : = 1.0726211585633E+19
fi_gradi : = 29028.006655992
t1 : = 1.0812517403031E-14
tpunto1 : = 1.0043170822661
tduepunti0 : = -7.7898827574355E+16
v=v_elettrone : = 18269588.829083
x0= : -6.8967781188219E-13
y0= : -7.6420184734622E-13
*****
i=60274
k(60274)=0.99883085167797
kQ(60274)=0.99766307026373
r1= : 1.0328021249274E-12
rpunto1: = 14492485.243674
rduepunti0 : = -1.1986216080588E+26
fil : = 506.63554939398
fipunto1 : = 1.0690815253754E+19
fi_gradi : = 29028.078731567
t1 : = 1.0812517520816E-14
tpunto1 : = 1.0043079855206
tduepunti0 : = -7.7565201825767E+16
v=v_elettrone : = 18247215.78485
x0= : -6.898520946332E-13
y0= : -7.6633738097086E-13
*****
i=60275
k(60275)=0.99883311619728
kQ(60275)=0.99766759401237
r1= : 1.0345017846599E-12
rpunto1: = 14478451.42025
rduepunti0 : = -1.1966217413121E+26
fil : = 506.63680319882
fipunto1 : = 1.0655627974882E+19
fi_gradi : = 29028.150569292
t1 : = 1.0812517638599E-14
tpunto1 : = 1.0042989276496
tduepunti0 : = -7.7233731159773E+16
v=v_elettrone : = 18224911.36934
x0= : -6.9002418937402E-13
y0= : -7.6847045963603E-13
*****
i=60276
k(60276)=0.99883537474264
kQ(60276)=0.99767210583726
r1= : 1.0361997985239E-12
rpunto1: = 14464441.025105
rduepunti0 : = -1.1946240827956E+26
fil : = 506.63805287695
fipunto1 : = 1.0620648037101E+19
fi_gradi : = 29028.222170575
t1 : = 1.0812517756382E-14
tpunto1 : = 1.0042899084023
tduepunti0 : = -7.690439719196E+16
v=v_elettrone : = 18202675.21163
x0= : -6.901941063773E-13
y0= : -7.7060108875248E-13
```

```
*****
i=60277
k(60277)=0.99883762732932
kQ(60277)=0.99767660576886
r1= : 1.0378961692671E-12
rpunto1 : = 14450454.031673
rduepunti0 : = -1.192628689381E+26
fil : = 506.63929845267
fipunto1 : = 1.0585873746216E+19
fi_gradi : = 29028.293536807
t1 : = 1.0812517874164E-14
tpunto1 : = 1.0042809275305
tduepunti0 : = -7.6577181729888E+16
v=v_elettrone : = 18180506.943241
x0= : -6.9036185584623E-13
y0= : -7.7272927371333E-13
*****
i=60278
k(60278)=0.99883987397268
kQ(60278)=0.99768109383777
r1= : 1.039590899634E-12
rpunto1 : = 14436490.412738
rduepunti0 : = -1.1906356165847E+26
fil : = 506.64053995011
fipunto1 : = 1.0551303425545E+19
fi_gradi : = 29028.364669371
t1 : = 1.0812517991945E-14
tpunto1 : = 1.0042719847878
tduepunti0 : = -7.6252066770748E+16
v=v_elettrone : = 18158406.199166
x0= : -6.905274479152E-13
y0= : -7.7485501989407E-13
*****
i=60279
k(60279)=0.99884211468815
kQ(60279)=0.9976855700747
r1= : 1.0412839923659E-12
rpunto1 : = 14422550.140449
rduepunti0 : = -1.1886449185948E+26
fil : = 506.64177739319
fipunto1 : = 1.051693541569E+19
fi_gradi : = 29028.435569636
t1 : = 1.0812518109725E-14
tpunto1 : = 1.0042630799298
tduepunti0 : = -7.5929034499059E+16
v=v_elettrone : = 18136372.616461
x0= : -6.9069089265028E-13
y0= : -7.7697833265269E-13
*****
i=60280
k(60280)=0.99884434949121
kQ(60280)=0.99769003451052
r1= : 1.0429754502009E-12
rpunto1 : = 14408633.186335
rduepunti0 : = -1.1866566482968E+26
fil : = 506.64301080563
fipunto1 : = 1.0482768074332E+19
fi_gradi : = 29028.506238964
t1 : = 1.0812518227503E-14
tpunto1 : = 1.0042542127145
tduepunti0 : = -7.5608067284399E+16
v=v_elettrone : = 18114405.834974
x0= : -6.9085220004994E-13
y0= : -7.790992173296E-13
```



```
*****
i=60281
k(60281)=0.99884657839741
kQ(60281)=0.99769448717621
r1= : 1.0446652758737E-12
rpunto1 : = 14394739.521318
rduepunti0 : = -1.1846708572992E+26
fil : = 506.64424021097
fipunto1 : = 1.0448799776017E+19
fi_gradi : = 29028.576678701
t1 : = 1.0812518345281E-14
tpunto1 : = 1.0042453829016
tduepunti0 : = -7.5289147679157E+16
v=v_elettrone : = 18092505.497439
x0= : -6.9101138004562E-13
y0= : -7.812176792477E-13
*****
i=60282
k(60282)=0.99884880142235
kQ(60282)=0.99769892810286
r1= : 1.0463534721156E-12
rpunto1 : = 14380869.11573
rduepunti0 : = -1.1826875959581E+26
fil : = 506.64546563256
fipunto1 : = 1.0415028911948E+19
fi_gradi : = 29028.646890186
t1 : = 1.0812518463057E-14
tpunto1 : = 1.0042365902531
tduepunti0 : = -7.4972258416325E+16
v=v_elettrone : = 18070671.248988
x0= : -6.9116844250227E-13
y0= : -7.8333372371243E-13
*****
i=60283
k(60283)=0.99885101858169
kQ(60283)=0.99770335732167
r1= : 1.0480400416544E-12
rpunto1 : = 14367021.939329
rduepunti0 : = -1.1807069134021E+26
fil : = 506.64668709354
fipunto1 : = 1.0381453889783E+19
fi_gradi : = 29028.716874745
t1 : = 1.0812518580833E-14
tpunto1 : = 1.0042278345329
tduepunti0 : = -7.4657382407316E+16
v=v_elettrone : = 18048902.737861
x0= : -6.91323397219E-13
y0= : -7.8544735601177E-13
*****
i=60284
k(60284)=0.99885322989114
kQ(60284)=0.99770777486397
r1= : 1.0497249872145E-12
rpunto1 : = 14353197.961308
rduepunti0 : = -1.178728857556E+26
fil : = 506.64790461689
fipunto1 : = 1.0348073133431E+19
fi_gradi : = 29028.786633694
t1 : = 1.0812518698608E-14
tpunto1 : = 1.0042191155067
tduepunti0 : = -7.4344502739814E+16
v=v_elettrone : = 18027199.613983
x0= : -6.9147625392958E-13
y0= : -7.8755858141636E-13
```

```
*****
i=60285
k(60285)=0.99885543536648
kQ(60285)=0.99771218076116
r1= : 1.0514083115166E-12
rpunto1: = 14339397.150314
rduepunti0 : = -1.1767534751642E+26
fil : = 506.64911822538
fipunto1 : = 1.0314885082852E+19
fi_gradi : = 29028.856168339
t1 : = 1.0812518816381E-14
tpunto1 : = 1.0042104329425
tduepunti0 : = -7.4033602675648E+16
v=v_elettrone : = 18005561.530604
x0= : -6.9162702230311E-13
y0= : -7.8966740517937E-13
*****
i=60286
k(60286)=0.99885763502351
kQ(60286)=0.99771657504476
r1= : 1.0530900172775E-12
rpunto1: = 14325619.474458
rduepunti0 : = -1.1747808118142E+26
fil : = 506.65032794163
fipunto1 : = 1.0281888193865E+19
fi_gradi : = 29028.925479974
t1 : = 1.0812518934154E-14
tpunto1 : = 1.0042017866101
tduepunti0 : = -7.3724665648698E+16
v=v_elettrone : = 17983988.143469
x0= : -6.9177571194451E-13
y0= : -7.9177383253668E-13
*****
i=60287
k(60287)=0.99885982887809
kQ(60287)=0.99772095774637
r1= : 1.0547701072107E-12
rpunto1: = 14311864.90133
rduepunti0 : = -1.1728109119585E+26
fil : = 506.65153378804
fipunto1 : = 1.0249080937952E+19
fi_gradi : = 29028.994569885
t1 : = 1.0812519051925E-14
tpunto1 : = 1.0041931762811
tduepunti0 : = -7.3417675262835E+16
v=v_elettrone : = 17962479.110322
x0= : -6.9192233239505E-13
y0= : -7.9387786870689E-13
*****
i=60288
k(60288)=0.99886201694612
kQ(60288)=0.99772532889767
r1= : 1.0564485840254E-12
rpunto1: = 14298133.398012
rduepunti0 : = -1.1708438189371E+26
fil : = 506.65273578686
fipunto1 : = 1.0216461802068E+19
fi_gradi : = 29029.063439344
t1 : = 1.0812519169695E-14
tpunto1 : = 1.0041846017291
tduepunti0 : = -7.3112615289876E+16
v=v_elettrone : = 17941034.091914
x0= : -6.9206689313303E-13
y0= : -7.9597951889129E-13
```

```
*****
i=60289
k(60289)=0.99886419924354
kQ(60289)=0.99772968853044
r1= : 1.0581254504274E-12
rpunto1: = 14284424.93109
rduepunti0 : = -1.1688795749994E+26
fil : = 506.65393396015
fipunto1 : = 1.0184029288451E+19
fi_gradi : = 29029.132089617
t1 : = 1.0812519287465E-14
tpunto1 : = 1.0041760627296
tduepunti0 : = -7.280946966758E+16
v=v_elettrone : = 17919652.751188
x0= : -6.9220940357419E-13
y0= : -7.9807878827395E-13
*****
i=60290
k(60290)=0.99886637578633
kQ(60290)=0.99773403667651
r1= : 1.0598007091183E-12
rpunto1: = 14270739.466668
rduepunti0 : = -1.1669182213251E+26
fil : = 506.6551283298
fipunto1 : = 1.0151781914443E+19
fi_gradi : = 29029.200521957
t1 : = 1.0812519405233E-14
tpunto1 : = 1.00416755906
tduepunti0 : = -7.2508222497661E+16
v=v_elettrone : = 17898334.753669
x0= : -6.9234987307234E-13
y0= : -8.0017568202176E-13
*****
i=60291
k(60291)=0.9988685465905
kQ(60291)=0.99773837336782
r1= : 1.0614743627959E-12
rpunto1: = 14257076.970378
rduepunti0 : = -1.1649597980452E+26
fil : = 506.65631891752
fipunto1 : = 1.0119718212299E+19
fi_gradi : = 29029.268737608
t1 : = 1.0812519523001E-14
tpunto1 : = 1.0041590904995
tduepunti0 : = -7.2208858043833E+16
v=v_elettrone : = 17877079.767275
x0= : -6.9248831091985E-13
y0= : -8.0227020528443E-13
*****
i=60292
k(60292)=0.99887071167211
kQ(60292)=0.99774269863635
r1= : 1.0631464141537E-12
rpunto1: = 14243437.407395
rduepunti0 : = -1.1630043442625E+26
fil : = 506.65750574485
fipunto1 : = 1.0087836729014E+19
fi_gradi : = 29029.336737805
t1 : = 1.0812519640767E-14
tpunto1 : = 1.0041506568291
tduepunti0 : = -7.1911360729881E+16
v=v_elettrone : = 17855887.462075
x0= : -6.926247263482E-13
y0= : -8.0436236319459E-13
```

```
*****
i=60293
k(60293)=0.99887287104723
kQ(60293)=0.99774701251414
r1= : 1.0648168658814E-12
rpunto1 : = 14229820.742445
rduepunti0 : = -1.1610518980715E+26
fil : = 506.65868883316
fipunto1 : = 1.0056136026141E+19
fi_gradi : = 29029.404523772
t1 : = 1.0812519758533E-14
tpunto1 : = 1.0041422578316
tduepunti0 : = -7.1615715137756E+16
v=v_elettrone : = 17834757.511332
x0= : -6.9275912852854E-13
y0= : -8.0645216086774E-13
*****
i=60294
k(60294)=0.99887502473198
kQ(60294)=0.99775131503332
r1= : 1.0664857206644E-12
rpunto1 : = 14216226.939822
rduepunti0 : = -1.1591024965783E+26
fil : = 506.65986820365
fipunto1 : = 1.0024614679619E+19
fi_gradi : = 29029.472096724
t1 : = 1.0812519876297E-14
tpunto1 : = 1.0041338932917
tduepunti0 : = -7.1321906005696E+16
v=v_elettrone : = 17813689.589424
x0= : -6.9289152657205E-13
y0= : -8.085396034024E-13
*****
i=60295
k(60295)=0.9988771727425
kQ(60295)=0.99775560622604
r1= : 1.068152981184E-12
rpunto1 : = 14202655.963392
rduepunti0 : = -1.1571561759196E+26
fil : = 506.66104387736
fipunto1 : = 9.9932712795981E+18
fi_gradi : = 29029.539457865
t1 : = 1.0812519994061E-14
tpunto1 : = 1.0041255629957
tduepunti0 : = -7.1029918226373E+16
v=v_elettrone : = 17792683.374393
x0= : -6.9302192953071E-13
y0= : -8.1062469588004E-13
*****
i=60296
k(60296)=0.99887931509494
kQ(60296)=0.99775988612454
r1= : 1.0698186501172E-12
rpunto1 : = 14189107.776613
rduepunti0 : = -1.1552129712819E+26
fil : = 506.66221587516
fipunto1 : = 9.9621044302704E+18
fi_gradi : = 29029.606608393
t1 : = 1.0812520111823E-14
tpunto1 : = 1.0041172667318
tduepunti0 : = -7.0739736845065E+16
v=v_elettrone : = 17771738.545279
x0= : -6.9315034639754E-13
y0= : -8.1270744336524E-13
```

```
*****
i=60297
k(60297)=0.9988814518055
kQ(60297)=0.99776415476106
r1= : 1.0714827301368E-12
rpunto1: = 14175582.342538
rduepunti0 : = -1.1532729169196E+26
fil : = 506.66338421775
fipunto1 : = 9.9311127497018E+18
fi_gradi : = 29029.673549492
t1 : = 1.0812520229585E-14
tpunto1 : = 1.0041090042898
tduepunti0 : = -7.0451347057851E+16
v=v_elettrone : = 17750854.784656
x0= : -6.9327678610735E-13
y0= : -8.1478785090558E-13
*****
i=60298
k(60298)=0.99888358289039
kQ(60298)=0.99776841216794
r1= : 1.0731452239112E-12
rpunto1: = 14162079.62383
rduepunti0 : = -1.1513360461738E+26
fil : = 506.66454892567
fipunto1 : = 9.9002948696663E+18
fi_gradi : = 29029.740282341
t1 : = 1.0812520347345E-14
tpunto1 : = 1.0041007754615
tduepunti0 : = -7.0164734209831E+16
v=v_elettrone : = 17730031.776565
x0= : -6.9340125753703E-13
y0= : -8.1686592353183E-13
*****
i=60299
k(60299)=0.99888570836583
kQ(60299)=0.99777265837751
r1= : 1.0748061341043E-12
rpunto1: = 14148599.582771
rduepunti0 : = -1.1494023914894E+26
fil : = 506.66571001932
fipunto1 : = 9.8696494354831E+18
fi_gradi : = 29029.806808106
t1 : = 1.0812520465105E-14
tpunto1 : = 1.00409258004
tduepunti0 : = -6.9879883793372E+16
v=v_elettrone : = 17709269.207849
x0= : -6.9352376950616E-13
y0= : -8.1894166625793E-13
*****
i=60300
k(60300)=0.99888782824808
kQ(60300)=0.99777689342216
r1= : 1.0764654633759E-12
rpunto1: = 14135142.181275
rduepunti0 : = -1.1474719844332E+26
fil : = 506.66686751891
fipunto1 : = 9.8391751058557E+18
fi_gradi : = 29029.873127948
t1 : = 1.0812520582864E-14
tpunto1 : = 1.0040844178204
tduepunti0 : = -6.9596781446371E+16
v=v_elettrone : = 17688566.766966
x0= : -6.9364433077742E-13
y0= : -8.2101508408105E-13
```

```
*****
i=60301
k(60301)=0.9988899425534
kQ(60301)=0.99778111733433
r1= : 1.0781232143809E-12
rpunto1 : = 14121707.380892
rduepunti0 : = -1.1455448557106E+26
fil : = 506.66802144451
fipunto1 : = 9.8088705527125E+18
fi_gradi : = 29029.939243014
t1 : = 1.0812520700621E-14
tpunto1 : = 1.0040762885994
tduepunti0 : = -6.9315412950547E+16
v=v_elettrone : = 17667924.144718
x0= : -6.9376295005716E-13
y0= : -8.2308618198156E-13
*****
i=60302
k(60302)=0.99889205129806
kQ(60302)=0.99778533014645
r1= : 1.0797793897702E-12
rpunto1 : = 14108295.142824
rduepunti0 : = -1.1436210351827E+26
fil : = 506.66917181603
fipunto1 : = 9.7787344610506E+18
fi_gradi : = 29030.005154447
t1 : = 1.0812520818378E-14
tpunto1 : = 1.0040681921751
tduepunti0 : = -6.9035764229755E+16
v=v_elettrone : = 17647341.034958
x0= : -6.9387963599588E-13
y0= : -8.2515496492313E-13
*****
i=60303
k(60303)=0.99889415449837
kQ(60303)=0.99778953189101
r1= : 1.0814339921897E-12
rpunto1 : = 14094905.427934
rduepunti0 : = -1.1417005518825E+26
fil : = 506.67031865323
fipunto1 : = 9.7487655287815E+18
fi_gradi : = 29030.070863379
t1 : = 1.0812520936134E-14
tpunto1 : = 1.0040601283477
tduepunti0 : = -6.8757821348321E+16
v=v_elettrone : = 17626817.132782
x0= : -6.9399439718855E-13
y0= : -8.2722143785286E-13
*****
i=60304
k(60304)=0.99889625217062
kQ(60304)=0.99779372260052
r1= : 1.0830870242809E-12
rpunto1 : = 14081538.196752
rduepunti0 : = -1.1397834340315E+26
fil : = 506.67146197571
fipunto1 : = 9.7189624665784E+18
fi_gradi : = 29030.136370932
t1 : = 1.0812521053889E-14
tpunto1 : = 1.0040520969186
tduepunti0 : = -6.8481570509397E+16
v=v_elettrone : = 17606352.135247
x0= : -6.9410724217521E-13
y0= : -8.2928560570119E-13
```

```
*****
i=60305
k(60305)=0.99889834433113
kQ(60305)=0.99779790230748
r1= : 1.0847384886807E-12
rpunto1 : = 14068193.409486
rduepunti0 : = -1.1378697090548E+26
fil : = 506.67260180293
fipunto1 : = 9.6893239977262E+18
fi_gradi : = 29030.201678221
t1 : = 1.0812521171643E-14
tpunto1 : = 1.004044097691
tduepunti0 : = -6.8206998053342E+16
v=v_elettrone : = 17585945.742697
x0= : -6.942181794415E-13
y0= : -8.3134747338195E-13
*****
i=60306
k(60306)=0.99890043099622
kQ(60306)=0.99780207104443
r1= : 1.0863883880213E-12
rpunto1 : = 14054871.026033
rduepunti0 : = -1.1359594035976E+26
fil : = 506.67373815419
fipunto1 : = 9.6598488579731E+18
fi_gradi : = 29030.266786352
t1 : = 1.0812521289396E-14
tpunto1 : = 1.0040361304696
tduepunti0 : = -6.793409045612E+16
v=v_elettrone : = 17565597.65697
x0= : -6.943272174189E-13
y0= : -8.3340704579252E-13
*****
i=60307
k(60307)=0.99890251218222
kQ(60307)=0.99780622884394
r1= : 1.0880367249302E-12
rpunto1 : = 14041571.005985
rduepunti0 : = -1.1340525435396E+26
fil : = 506.67487104864
fipunto1 : = 9.6305357953845E+18
fi_gradi : = 29030.331696422
t1 : = 1.0812521407148E-14
tpunto1 : = 1.0040281950608
tduepunti0 : = -6.7662834327726E+16
v=v_elettrone : = 17545307.581458
x0= : -6.944343644853E-13
y0= : -8.3546432781383E-13
*****
i=60308
k(60308)=0.99890458790545
kQ(60308)=0.99781037573856
r1= : 1.0896835020301E-12
rpunto1 : = 14028293.308641
rduepunti0 : = -1.1321491540105E+26
fil : = 506.6760005053
fipunto1 : = 9.601383570199E+18
fi_gradi : = 29030.396409522
t1 : = 1.0812521524899E-14
tpunto1 : = 1.0040202912725
tduepunti0 : = -6.7393216410624E+16
v=v_elettrone : = 17525075.22214
x0= : -6.9453962896554E-13
y0= : -8.3751932431031E-13
```

```
*****
i=60309
k(60309)=0.99890665818227
kQ(60309)=0.99781451176087
r1= : 1.091328721939E-12
rpunto1 : = 14015037.893013
rduepunti0 : = -1.1302492594043E+26
fil : = 506.67712654302
fipunto1 : = 9.5723909546856E+18
fi_gradi : = 29030.460926731
t1 : = 1.0812521642649E-14
tpunto1 : = 1.004012418914
tduepunti0 : = -6.7125223578211E+16
v=v_elettrone : = 17504900.287653
x0= : -6.9464301913175E-13
y0= : -8.3957204013002E-13
*****
i=60310
k(60310)=0.998908723029
kQ(60310)=0.99781863694343
r1= : 1.0929723872701E-12
rpunto1 : = 14001804.717835
rduepunti0 : = -1.1283528833939E+26
fil : = 506.67824918052
fipunto1 : = 9.5435567330042E+18
fi_gradi : = 29030.525249122
t1 : = 1.0812521760398E-14
tpunto1 : = 1.0040045777962
tduepunti0 : = -6.6858842833301E+16
v=v_elettrone : = 17484782.487477
x0= : -6.9474454320373E-13
y0= : -8.4162248010474E-13
*****
i=60311
k(60311)=0.99891078246199
kQ(60311)=0.99782275131883
r1= : 1.0946145006317E-12
rpunto1 : = 13988593.741572
rduepunti0 : = -1.1264600489453E+26
fil : = 506.67936843638
fipunto1 : = 9.5148797010665E+18
fi_gradi : = 29030.589377759
t1 : = 1.0812521878147E-14
tpunto1 : = 1.0039967677317
tduepunti0 : = -6.6594061306626E+16
v=v_elettrone : = 17464721.534211
x0= : -6.9484420934952E-13
y0= : -8.4367064904992E-13
*****
i=60312
k(60312)=0.99891283649758
kQ(60312)=0.99782685491963
r1= : 1.0962550646272E-12
rpunto1 : = 13975404.922427
rduepunti0 : = -1.1245707783312E+26
fil : = 506.68048432904
fipunto1 : = 9.4863586663997E+18
fi_gradi : = 29030.653313699
t1 : = 1.0812521995894E-14
tpunto1 : = 1.0039889885344
tduepunti0 : = -6.6330866255362E+16
v=v_elettrone : = 17444717.141759
x0= : -6.9494202568574E-13
y0= : -8.457165517648E-13
```



```
*****
i=60313
k(60313)=0.9989148851521
kQ(60313)=0.99783094777843
r1= : 1.0978940818553E-12
rpunto1: = 13962238.218353
rduepunti0 : = -1.1226850931445E+26
fil : = 506.68159687679
fipunto1 : = 9.4579924480119E+18
fi_gradi : = 29030.717057989
t1 : = 1.0812522113641E-14
tpunto1 : = 1.0039812400197
tduepunti0 : = -6.6069245061666E+16
v=v_elettrone : = 17424769.026031
x0= : -6.9503800027802E-13
y0= : -8.4776019303244E-13
*****
i=60314
k(60314)=0.99891692844189
kQ(60314)=0.99783502992778
r1= : 1.0995315549096E-12
rpunto1: = 13949093.587053
rduepunti0 : = -1.120803014312E+26
fil : = 506.68270609779
fipunto1 : = 9.4297798762589E+18
fi_gradi : = 29030.780611671
t1 : = 1.0812522231386E-14
tpunto1 : = 1.0039735220044
tduepunti0 : = -6.580918523124E+16
v=v_elettrone : = 17404876.905642
x0= : -6.9513214114153E-13
y0= : -8.498015776197E-13
*****
i=60315
k(60315)=0.99891896638328
kQ(60315)=0.99783910140024
r1= : 1.1011674863786E-12
rpunto1: = 13935970.985995
rduepunti0 : = -1.1189245621071E+26
fil : = 506.68381201005
fipunto1 : = 9.4017197927134E+18
fi_gradi : = 29030.843975776
t1 : = 1.0812522349131E-14
tpunto1 : = 1.003965834307
tduepunti0 : = -6.5550674391911E+16
v=v_elettrone : = 17385040.500397
x0= : -6.952244562412E-13
y0= : -8.5184071027743E-13
*****
i=60316
k(60316)=0.99892099899259
kQ(60316)=0.99784316222836
r1= : 1.1028018788462E-12
rpunto1: = 13922870.372416
rduepunti0 : = -1.1170497561627E+26
fil : = 506.68491463146
fipunto1 : = 9.3738110500357E+18
fi_gradi : = 29030.907151329
t1 : = 1.0812522466875E-14
tpunto1 : = 1.0039581767471
tduepunti0 : = -6.5293700292228E+16
v=v_elettrone : = 17365259.532326
x0= : -6.9531495349229E-13
y0= : -8.5387759574039E-13
```

```
*****
i=60317
k(60317)=0.99892302628615
kQ(60317)=0.99784721244468
r1= : 1.1044347348909E-12
rpunto1: = 13909791.70333
rduepunti0 : = -1.115178615484E+26
fil : = 506.68601397977
fipunto1 : = 9.3460525118458E+18
fi_gradi : = 29030.970139348
t1 : = 1.0812522584618E-14
tpunto1 : = 1.0039505491461
tduepunti0 : = -6.5038250800079E+16
v=v_elettrone : = 17345533.725096
x0= : -6.9540364076075E-13
y0= : -8.5591223872737E-13
*****
i=60318
k(60318)=0.99892504828026
kQ(60318)=0.99785125208172
r1= : 1.1060660570863E-12
rpunto1: = 13896734.935537
rduepunti0 : = -1.1133111584603E+26
fil : = 506.6871100726
fipunto1 : = 9.3184430525974E+18
fi_gradi : = 29031.03294084
t1 : = 1.081252270236E-14
tpunto1 : = 1.0039429513264
tduepunti0 : = -6.4784313901323E+16
v=v_elettrone : = 17325862.805043
x0= : -6.9549052586367E-13
y0= : -8.5794464394116E-13
*****
i=60319
k(60319)=0.99892706499122
kQ(60319)=0.99785528117198
r1= : 1.1076958480012E-12
rpunto1: = 13883700.025625
rduepunti0 : = -1.1114474028777E+26
fil : = 506.68820292742
fipunto1 : = 9.2909815574542E+18
fi_gradi : = 29031.09555681
t1 : = 1.0812522820101E-14
tpunto1 : = 1.0039353831121
tduepunti0 : = -6.4531877698448E+16
v=v_elettrone : = 17306246.499652
x0= : -6.9557561656953E-13
y0= : -8.5997481606873E-13
*****
i=60320
k(60320)=0.99892907643533
kQ(60320)=0.99785929974794
r1= : 1.1093241101988E-12
rpunto1: = 13870686.929984
rduepunti0 : = -1.1095873659306E+26
fil : = 506.6892925616
fipunto1 : = 9.2636669221669E+18
fi_gradi : = 29031.157988249
t1 : = 1.0812522937841E-14
tpunto1 : = 1.0039278443286
tduepunti0 : = -6.4280930409234E+16
v=v_elettrone : = 17286684.538239
x0= : -6.9565892059878E-13
y0= : -8.6200275978117E-13
```

```

*****
i=60321
k(60321)=0.99893108262886
kQ(60321)=0.99786330784206
r1= : 1.1109508462375E-12
rpunto1: = 13857695.604806
rduepunti0 : = -1.1077310642332E+26
fil : = 506.69037899235
fipunto1 : = 9.2364980529521E+18
fi_gradi : = 29031.220236146
t1 : = 1.081252305558E-14
tpunto1 : = 1.0039203348026
tduepunti0 : = -6.4031460365446E+16
v=v_elettrone : = 17267176.65268
x0= : -6.9574044562416E-13
y0= : -8.6402847973374E-13
*****
i=60322
k(60322)=0.99893308358807
kQ(60322)=0.99786730548677
r1= : 1.1125760586707E-12
rpunto1: = 13844726.006097
rduepunti0 : = -1.1058785138314E+26
fil : = 506.69146223677
fipunto1 : = 9.2094738663736E+18
fi_gradi : = 29031.28230148
t1 : = 1.0812523173319E-14
tpunto1 : = 1.0039128543622
tduepunti0 : = -6.3783456011532E+16
v=v_elettrone : = 17247722.576182
x0= : -6.9582019927105E-13
y0= : -8.66051980566E-13
*****
i=60323
k(60323)=0.99893507932923
kQ(60323)=0.9978712927145
r1= : 1.1141997500462E-12
rpunto1: = 13831778.089682
rduepunti0 : = -1.1040297302134E+26
fil : = 506.69254231184
fipunto1 : = 9.1825932892239E+18
fi_gradi : = 29031.344185222
t1 : = 1.0812523291056E-14
tpunto1 : = 1.0039054028369
tduepunti0 : = -6.3536905903348E+16
v=v_elettrone : = 17228322.043982
x0= : -6.9589818911788E-13
y0= : -8.6807326690181E-13
*****
i=60324
k(60324)=0.99893706986857
kQ(60324)=0.99787526955761
r1= : 1.115821922907E-12
rpunto1: = 13818851.811207
rduepunti0 : = -1.1021847283213E+26
fil : = 506.69361923438
fipunto1 : = 9.1558552584084E+18
fi_gradi : = 29031.405888339
t1 : = 1.0812523408793E-14
tpunto1 : = 1.0038979800574
tduepunti0 : = -6.3291798706893E+16
v=v_elettrone : = 17208974.792782
x0= : -6.9597442269651E-13
y0= : -8.7009234334939E-13

```

```
*****
i=60325
k(60325)=0.99893905522232
kQ(60325)=0.99787923604846
r1= : 1.1174425797908E-12
rpunto1 : = 13805947.126153
rduepunti0 : = -1.1003435225614E+26
fil : = 506.69469302112
fipunto1 : = 9.1292587208308E+18
fi_gradi : = 29031.467411787
t1 : = 1.0812523526529E-14
tpunto1 : = 1.0038905858559
tduepunti0 : = -6.3048123197064E+16
v=v_elettrone : = 17189680.561114
x0= : -6.9604890749265E-13
y0= : -8.7210921450135E-13
*****
i=60326
k(60326)=0.99894103540668
kQ(60326)=0.99788319221936
r1= : 1.1190617232299E-12
rpunto1 : = 13793063.989836
rduepunti0 : = -1.0985061268149E+26
fil : = 506.69576368865
fipunto1 : = 9.1028026332795E+18
fi_gradi : = 29031.528756518
t1 : = 1.0812523644264E-14
tpunto1 : = 1.0038832200658
tduepunti0 : = -6.2805868256423E+16
v=v_elettrone : = 17170439.09006
x0= : -6.9612165094622E-13
y0= : -8.741238849347E-13
*****
i=60327
k(60327)=0.99894301043784
kQ(60327)=0.99788713810261
r1= : 1.1206793557517E-12
rpunto1 : = 13780202.357416
rduepunti0 : = -1.0966725544484E+26
fil : = 506.69683125345
fipunto1 : = 9.0764859623164E+18
fi_gradi : = 29031.589923475
t1 : = 1.0812523761998E-14
tpunto1 : = 1.0038758825216
tduepunti0 : = -6.2565022873985E+16
v=v_elettrone : = 17151250.121695
x0= : -6.9619266045163E-13
y0= : -8.7613635921106E-13
*****
i=60328
k(60328)=0.99894498033197
kQ(60328)=0.99789107373044
r1= : 1.122295479878E-12
rpunto1 : = 13767362.183902
rduepunti0 : = -1.094842818324E+26
fil : = 506.69789573187
fipunto1 : = 9.0503076841663E+18
fi_gradi : = 29031.650913596
t1 : = 1.0812523879731E-14
tpunto1 : = 1.0038685730595
tduepunti0 : = -6.2325576144016E+16
v=v_elettrone : = 17132113.400111
x0= : -6.9626194335821E-13
y0= : -8.7814664187656E-13
```

```
*****
i=60329
k(60329)=0.99894694510523
kQ(60329)=0.99789499913506
r1= : 1.1239100981256E-12
rpunto1 : = 13754543.424159
rduepunti0 : = -1.093016930809E+26
fil : = 506.69895714012
fipunto1 : = 9.0242667846086E+18
fi_gradi : = 29031.711727809
t1 : = 1.0812523997464E-14
tpunto1 : = 1.0038612915166
tduepunti0 : = -6.2087517264852E+16
v=v_elettrone : = 17113028.670835
x0= : -6.9632950697059E-13
y0= : -8.8015473746195E-13
*****
i=60330
k(60330)=0.99894890477374
kQ(60330)=0.99789891434866
r1= : 1.1255232130057E-12
rpunto1 : = 13741746.03291
rduepunti0 : = -1.0911949037862E+26
fil : = 506.70001549434
fipunto1 : = 8.9983622588693E+18
fi_gradi : = 29031.772367039
t1 : = 1.0812524115195E-14
tpunto1 : = 1.0038540377314
tduepunti0 : = -6.1850835537727E+16
v=v_elettrone : = 17093995.681531
x0= : -6.9639535854908E-13
y0= : -8.8216065048262E-13
*****
i=60331
k(60331)=0.99895085935362
kQ(60331)=0.99790281940334
r1= : 1.1271348270246E-12
rpunto1 : = 13728969.964747
rduepunti0 : = -1.0893767486634E+26
fil : = 506.70107081051
fipunto1 : = 8.9725931115156E+18
fi_gradi : = 29031.832832202
t1 : = 1.0812524232926E-14
tpunto1 : = 1.0038468115437
tduepunti0 : = -6.1615520365623E+16
v=v_elettrone : = 17075014.181402
x0= : -6.9645950530995E-13
y0= : -8.8416438543867E-13
*****
i=60332
k(60332)=0.99895280886097
kQ(60332)=0.99790671433121
r1= : 1.1287449426828E-12
rpunto1 : = 13716215.174132
rduepunti0 : = -1.0875624763822E+26
fil : = 506.70212310451
fipunto1 : = 8.9469583563512E+18
fi_gradi : = 29031.893124206
t1 : = 1.0812524350656E-14
tpunto1 : = 1.0038396127944
tduepunti0 : = -6.138156125213E+16
v=v_elettrone : = 17056083.921589
x0= : -6.9652195442582E-13
y0= : -8.86165946815E-13
```

```

*****
i=60333
k(60333)=0.99895475331183
kQ(60333)=0.99791059916431
r1= : 1.1303535624759E-12
rpunto1 : = 13703481.615406
rduepunti0 : = -1.0857520974283E+26
fil : = 506.70317239209
fipunto1 : = 8.921457016313E+18
fi_gradi : = 29031.953243957
t1 : = 1.0812524468385E-14
tpunto1 : = 1.0038324413257
tduepunti0 : = -6.1148947800316E+16
v=v_elettrone : = 17037204.653913
x0= : -6.9658271302596E-13
y0= : -8.8816533908132E-13
*****
i=60334
k(60334)=0.99895669272227
kQ(60334)=0.99791447393462
r1= : 1.1319606888938E-12
rpunto1 : = 13690769.242788
rduepunti0 : = -1.0839456218396E+26
fil : = 506.70421868891
fipunto1 : = 8.8960881233693E+18
fi_gradi : = 29032.013192349
t1 : = 1.0812524586113E-14
tpunto1 : = 1.003825296981
tduepunti0 : = -6.0917669711626E+16
v=v_elettrone : = 17018376.133203
x0= : -6.9664178819681E-13
y0= : -8.9016256669212E-13
*****
i=60335
k(60335)=0.9989586271083
kQ(60335)=0.9979183386741
r1= : 1.1335663244213E-12
rpunto1 : = 13678078.01039
rduepunti0 : = -1.0821430592156E+26
fil : = 506.7052620105
fipunto1 : = 8.8708507184191E+18
fi_gradi : = 29032.072970272
t1 : = 1.081252470384E-14
tpunto1 : = 1.0038181796049
tduepunti0 : = -6.068771678478E+16
v=v_elettrone : = 16999598.115417
x0= : -6.9669918698209E-13
y0= : -8.921576340869E-13
*****
i=60336
k(60336)=0.99896055648592
kQ(60336)=0.99792219341465
r1= : 1.1351704715377E-12
rpunto1 : = 13665407.872212
rduepunti0 : = -1.0803444187263E+26
fil : = 506.70630237228
fipunto1 : = 8.8457438511932E+18
fi_gradi : = 29032.132578612
t1 : = 1.0812524821567E-14
tpunto1 : = 1.0038110890431
tduepunti0 : = -6.045907891469E+16
v=v_elettrone : = 16980870.35767
x0= : -6.9675491638322E-13
y0= : -8.9415054569012E-13

```

```
*****
i=60337
k(60337)=0.99896248087108
kQ(60337)=0.99792603818811
r1= : 1.1367731327168E-12
rpunto1: = 13652758.782155
rduepunti0 : = -1.0785497091203E+26
fil : = 506.70733978956
fipunto1 : = 8.8207665801559E+18
fi_gradi : = 29032.192018243
t1 : = 1.0812524939292E-14
tpunto1 : = 1.0038040251426
tduepunti0 : = -6.0231746091396E+16
v=v_elettrone : = 16962192.619284
x0= : -6.9680898335974E-13
y0= : -8.9614130591122E-13
*****
i=60338
k(60338)=0.99896440027975
kQ(60338)=0.99792987302629
r1= : 1.1383743104271E-12
rpunto1: = 13640130.694018
rduepunti0 : = -1.0767589387334E+26
fil : = 506.70837427754
fipunto1 : = 8.7959179724086E+18
fi_gradi : = 29032.251290039
t1 : = 1.0812525057017E-14
tpunto1 : = 1.0037969877516
tduepunti0 : = -6.0005708399007E+16
v=v_elettrone : = 16943564.660859
x0= : -6.9686139482956E-13
y0= : -8.9812991914474E-13
*****
i=60339
k(60339)=0.99896631472784
kQ(60339)=0.99793369796092
r1= : 1.1399740071318E-12
rpunto1: = 13627523.56151
rduepunti0 : = -1.0749721154971E+26
fil : = 506.70940585131
fipunto1 : = 8.771197103594E+18
fi_gradi : = 29032.310394862
t1 : = 1.0812525174741E-14
tpunto1 : = 1.0037899767192
tduepunti0 : = -5.9780956014661E+16
v=v_elettrone : = 16924986.244966
x0= : -6.9691215766931E-13
y0= : -9.0011638977033E-13
*****
i=60340
k(60340)=0.99896822423123
kQ(60340)=0.99793751302369
r1= : 1.1415722252884E-12
rpunto1: = 13614937.338252
rduepunti0 : = -1.0731892469462E+26
fil : = 506.71043452585
fipunto1 : = 8.7466030578022E+18
fi_gradi : = 29032.369333571
t1 : = 1.0812525292464E-14
tpunto1 : = 1.0037829918958
tduepunti0 : = -5.9557479207498E+16
v=v_elettrone : = 16906457.135559
x0= : -6.9696127871461E-13
y0= : -9.0210072215282E-13
```

```
*****
i=60341
k(60341)=0.99897012880578
kQ(60341)=0.99794131824624
r1= : 1.1431689673493E-12
rpunto1: = 13602371.97778
rduepunti0 : = -1.0714103402274E+26
fil : = 506.71146031602
fipunto1 : = 8.7221349274774E+18
fi_gradi : = 29032.428107019
t1 : = 1.0812525410187E-14
tpunto1 : = 1.0037760331331
tduepunti0 : = -5.933526833764E+16
v=v_elettrone : = 16887977.097691
x0= : -6.9700876476046E-13
y0= : -9.040829206423E-13
*****
i=60342
k(60342)=0.99897202846734
kQ(60342)=0.99794511366015
r1= : 1.144764235761E-12
rpunto1: = 13589827.43355
rduepunti0 : = -1.0696354021066E+26
fil : = 506.71248323661
fipunto1 : = 8.6977918133266E+18
fi_gradi : = 29032.486716051
t1 : = 1.0812525527908E-14
tpunto1 : = 1.0037691002836
tduepunti0 : = -5.9114313855193E+16
v=v_elettrone : = 16869545.898541
x0= : -6.9705462256159E-13
y0= : -9.0606298957407E-13
*****
i=60343
k(60343)=0.9989739232317
kQ(60343)=0.99794889929693
r1= : 1.146358032965E-12
rpunto1: = 13577303.658944
rduepunti0 : = -1.0678644389765E+26
fil : = 506.71350330227
fipunto1 : = 8.673572824228E+18
fi_gradi : = 29032.545161508
t1 : = 1.0812525645629E-14
tpunto1 : = 1.0037621932011
tduepunti0 : = -5.8894606299255E+16
v=v_elettrone : = 16851163.307153
x0= : -6.970988588327E-13
y0= : -9.0804093326881E-13
*****
i=60344
k(60344)=0.99897581311463
kQ(60344)=0.99795267518804
r1= : 1.1479503613971E-12
rpunto1: = 13564800.607274
rduepunti0 : = -1.0660974568645E+26
fil : = 506.71452052756
fipunto1 : = 8.6494770771427E+18
fi_gradi : = 29032.603444224
t1 : = 1.0812525763349E-14
tpunto1 : = 1.0037553117405
tduepunti0 : = -5.8676136296935E+16
v=v_elettrone : = 16832829.093146
x0= : -6.9714148024873E-13
y0= : -9.100167560326E-13
```



```
*****
i=60345
k(60345)=0.99897769813189
kQ(60345)=0.99795644136488
r1= : 1.1495412234877E-12
rpunto1 : = 13552318.231783
rduepunti0 : = -1.0643344614398E+26
fil : = 506.71553492693
fipunto1 : = 8.6255036970251E+18
fi_gradi : = 29032.661565027
t1 : = 1.0812525881068E-14
tpunto1 : = 1.0037484557578
tduepunti0 : = -5.8458894562395E+16
v=v_elettrone : = 16814543.028425
x0= : -6.971824934453E-13
y0= : -9.1199046215693E-13
*****
i=60346
k(60346)=0.99897957829917
kQ(60346)=0.99796019785878
r1= : 1.1511306216615E-12
rpunto1 : = 13539856.485655
rduepunti0 : = -1.0625754580209E+26
fil : = 506.71654651473
fipunto1 : = 8.6016518167369E+18
fi_gradi : = 29032.719524738
t1 : = 1.0812525998786E-14
tpunto1 : = 1.0037416251098
tduepunti0 : = -5.8242871895888E+16
v=v_elettrone : = 16796304.885588
x0= : -6.9722190501891E-13
y0= : -9.1396205591879E-13
*****
i=60347
k(60347)=0.99898145363216
kQ(60347)=0.99796394470103
r1= : 1.152718558338E-12
rpunto1 : = 13527415.322013
rduepunti0 : = -1.0608204515822E+26
fil : = 506.71755530521
fipunto1 : = 8.57792057696E+18
fi_gradi : = 29032.777324176
t1 : = 1.0812526116504E-14
tpunto1 : = 1.0037348196549
tduepunti0 : = -5.8028059182824E+16
v=v_elettrone : = 16778114.439917
x0= : -6.9725972152739E-13
y0= : -9.1593154158066E-13
*****
i=60348
k(60348)=0.99898332414651
kQ(60348)=0.99796768192281
r1= : 1.1543050359312E-12
rpunto1 : = 13514994.693926
rduepunti0 : = -1.0590694467614E+26
fil : = 506.71856131253
fipunto1 : = 8.554309126112E+18
fi_gradi : = 29032.834964149
t1 : = 1.0812526234221E-14
tpunto1 : = 1.003728039252
tduepunti0 : = -5.7814447392835E+16
v=v_elettrone : = 16759971.467152
x0= : -6.9729594948997E-13
y0= : -9.178989233907E-13
```

```
*****
i=60349
k(60349)=0.99898518985784
kQ(60349)=0.99797140955529
r1= : 1.1558900568492E-12
rpunto1: = 13502594.554415
rduepunti0 : = -1.0573224478662E+26
fil : = 506.71956455073
fipunto1 : = 8.5308166202619E+18
fi_gradi : = 29032.892445464
t1 : = 1.0812526351937E-14
tpunto1 : = 1.0037212837615
tduepunti0 : = -5.7602027578859E+16
v=v_elettrone : = 16741875.744843
x0= : -6.9733059538775E-13
y0= : -9.1986420558264E-13
*****
i=60350
k(60350)=0.99898705078171
kQ(60350)=0.99797512762955
r1= : 1.1574736234952E-12
rpunto1: = 13490214.85645
rduepunti0 : = -1.0555794588811E+26
fil : = 506.72056503375
fipunto1 : = 8.5074422230477E+18
fi_gradi : = 29032.949768918
t1 : = 1.0812526469652E-14
tpunto1 : = 1.0037145530446
tduepunti0 : = -5.7390790876232E+16
v=v_elettrone : = 16723827.052054
x0= : -6.9736366566398E-13
y0= : -9.2182739237595E-13
*****
i=60351
k(60351)=0.99898890693369
kQ(60351)=0.99797883617658
r1= : 1.1590557382663E-12
rpunto1: = 13477855.552962
rduepunti0 : = -1.0538404834736E+26
fil : = 506.72156277546
fipunto1 : = 8.484185105594E+18
fi_gradi : = 29033.006935307
t1 : = 1.0812526587366E-14
tpunto1 : = 1.0037078469634
tduepunti0 : = -5.7180728501795E+16
v=v_elettrone : = 16705825.169101
x0= : -6.9739516672428E-13
y0= : -9.2378848797582E-13
*****
i=60352
k(60352)=0.99899075832929
kQ(60352)=0.99798253522734
r1= : 1.1606364035545E-12
rpunto1: = 13465516.59684
rduepunti0 : = -1.0521055250014E+26
fil : = 506.7225577896
fipunto1 : = 8.4610444464315E+18
fi_gradi : = 29033.063945418
t1 : = 1.081252670508E-14
tpunto1 : = 1.0037011653814
tduepunti0 : = -5.6971831753007E+16
v=v_elettrone : = 16687869.877896
x0= : -6.9742510493703E-13
y0= : -9.2574749657324E-13
```

```
*****
i=60353
k(60353)=0.99899260498399
kQ(60353)=0.99798622481269
r1= : 1.162215621746E-12
rpunto1 : = 13453197.940938
rduepunti0 : = -1.0503745865178E+26
fil : = 506.72355008984
fipunto1 : = 8.4380194314171E+18
fi_gradi : = 29033.120800034
t1 : = 1.0812526822792E-14
tpunto1 : = 1.0036945081629
tduepunti0 : = -5.6764092007072E+16
v=v_elettrone : = 16669960.962026
x0= : -6.9745348663355E-13
y0= : -9.2770442234504E-13
*****
i=60354
k(60354)=0.99899444691323
kQ(60354)=0.99798990496346
r1= : 1.1637933952216E-12
rpunto1 : = 13440899.538079
rduepunti0 : = -1.0486476707786E+26
fil : = 506.72453968973
fipunto1 : = 8.4151092536553E+18
fi_gradi : = 29033.177499931
t1 : = 1.0812526940504E-14
tpunto1 : = 1.0036878751731
tduepunti0 : = -5.6557500720079E+16
v=v_elettrone : = 16652098.206099
x0= : -6.9748031810843E-13
y0= : -9.2965926945401E-13
*****
i=60355
k(60355)=0.99899628413241
kQ(60355)=0.99799357571037
r1= : 1.1653697263567E-12
rpunto1 : = 13428621.341055
rduepunti0 : = -1.0469247802482E+26
fil : = 506.72552660275
fipunto1 : = 8.39231311342E+18
fi_gradi : = 29033.234045882
t1 : = 1.0812527058215E-14
tpunto1 : = 1.0036812662784
tduepunti0 : = -5.6352049426145E+16
v=v_elettrone : = 16634281.39614
x0= : -6.9750560561978E-13
y0= : -9.3161204204887E-13
*****
i=60356
k(60356)=0.99899811665692
kQ(60356)=0.99799723708408
r1= : 1.1669446175208E-12
rpunto1 : = 13416363.302633
rduepunti0 : = -1.0452059171052E+26
fil : = 506.72651084227
fipunto1 : = 8.3696302180779E+18
fi_gradi : = 29033.290438652
t1 : = 1.0812527175926E-14
tpunto1 : = 1.003674681346
tduepunti0 : = -5.614772973658E+16
v=v_elettrone : = 16616510.319302
x0= : -6.975293553896E-13
y0= : -9.3356274426433E-13
```

```
*****
i=60357
k(60357)=0.9989999445021
kQ(60357)=0.99800088911519
r1= : 1.1685180710782E-12
rpunto1 : = 13404125.375558
rduepunti0 : = -1.0434910832484E+26
fil : = 506.72749242156
fipunto1 : = 8.3470597820127E+18
fi_gradi : = 29033.346679003
t1 : = 1.0812527293636E-14
tpunto1 : = 1.0036681202443
tduepunti0 : = -5.5944533339049E+16
v=v_elettrone : = 16598784.76488
x0= : -6.9755157360402E-13
y0= : -9.3551138022114E-13
*****
i=60358
k(60358)=0.99900176768323
kQ(60358)=0.99800453183422
r1= : 1.1700900893875E-12
rpunto1 : = 13391907.512557
rduepunti0 : = -1.0417802803029E+26
fil : = 506.72847135383
fipunto1 : = 8.3246010265498E+18
fi_gradi : = 29033.40276769
t1 : = 1.0812527411344E-14
tpunto1 : = 1.0036615828423
tduepunti0 : = -5.5742451996757E+16
v=v_elettrone : = 16581104.523054
x0= : -6.9757226641349E-13
y0= : -9.3745795402621E-13
*****
i=60359
k(60359)=0.99900358621559
kQ(60359)=0.99800816527161
r1= : 1.1716606748018E-12
rpunto1 : = 13379709.666339
rduepunti0 : = -1.0400735096253E+26
fil : = 506.72944765216
fipunto1 : = 8.3022531798828E+18
fi_gradi : = 29033.458705464
t1 : = 1.0812527529053E-14
tpunto1 : = 1.0036550690104
tduepunti0 : = -5.5541477547634E+16
v=v_elettrone : = 16563469.385241
x0= : -6.9759143993312E-13
y0= : -9.3940246977258E-13
*****
i=60360
k(60360)=0.9990054001144
kQ(60360)=0.99801178945774
r1= : 1.1732298296686E-12
rpunto1 : = 13367531.789602
rduepunti0 : = -1.0383707723096E+26
fil : = 506.73042132956
fipunto1 : = 8.280015477E+18
fi_gradi : = 29033.51449307
t1 : = 1.081252764676E-14
tpunto1 : = 1.0036485786197
tduepunti0 : = -5.5341601903537E+16
v=v_elettrone : = 16545879.144468
x0= : -6.9760910024295E-13
y0= : -9.4134493153953E-13
```

```
*****
i=60361
k(60361)=0.99900720939485
kQ(60361)=0.99801540442289
r1= : 1.1747975563299E-12
rpunto1 : = 13355373.835033
rduepunti0 : = -1.0366720691924E+26
fil : = 506.73139239896
fipunto1 : = 8.2578871596125E+18
fi_gradi : = 29033.570131248
t1 : = 1.0812527764466E-14
tpunto1 : = 1.0036421115421
tduepunti0 : = -5.5142817049459E+16
v=v_elettrone : = 16528333.594761
x0= : -6.976252533882E-13
y0= : -9.4328534339257E-13
*****
i=60362
k(60362)=0.99900901407209
kQ(60362)=0.99801901019729
r1= : 1.1763638571223E-12
rpunto1 : = 13343235.755313
rduepunti0 : = -1.0349774008586E+26
fil : = 506.73236087318
fipunto1 : = 8.2358674760826E+18
fi_gradi : = 29033.625620733
t1 : = 1.0812527882172E-14
tpunto1 : = 1.0036356676508
tduepunti0 : = -5.4945115042744E+16
v=v_elettrone : = 16510832.531828
x0= : -6.9763990537957E-13
y0= : -9.4522370938355E-13
*****
i=60363
k(60363)=0.99901081416123
kQ(60363)=0.99802260681109
r1= : 1.1779287343765E-12
rpunto1 : = 13331117.503118
rduepunti0 : = -1.0332867676463E+26
fil : = 506.73332676495
fipunto1 : = 8.2139556813536E+18
fi_gradi : = 29033.680962255
t1 : = 1.0812527999877E-14
tpunto1 : = 1.0036292468197
tduepunti0 : = -5.4748488012319E+16
v=v_elettrone : = 16493375.752457
x0= : -6.9765306219345E-13
y0= : -9.4716003355067E-13
*****
i=60364
k(60364)=0.99901260967735
kQ(60364)=0.99802619429435
r1= : 1.1794921904179E-12
rpunto1 : = 13319019.031125
rduepunti0 : = -1.0316001696521E+26
fil : = 506.73429008694
fipunto1 : = 8.1921510368803E+18
fi_gradi : = 29033.73615654
t1 : = 1.0812528117582E-14
tpunto1 : = 1.0036228489236
tduepunti0 : = -5.455292815793E+16
v=v_elettrone : = 16475963.054862
x0= : -6.9766472977218E-13
y0= : -9.4909431991856E-13
```

```

*****
i=60365
k(60365)=0.99901440063547
kQ(60365)=0.99802977267705
r1= : 1.1810542275663E-12
rpunto1 : = 13306940.292009
rduepunti0 : = -1.0299176067362E+26
fil : = 506.73525085171
fipunto1 : = 8.1704528105604E+18
fi_gradi : = 29033.791204306
t1 : = 1.0812528235285E-14
tpunto1 : = 1.0036164738382
tduepunti0 : = -5.4358427749391E+16
v=v_elettrone : = 16458594.238399
x0= : -6.9767491402436E-13
y0= : -9.5102657249832E-13
*****
i=60366
k(60366)=0.9990161870506
kQ(60366)=0.99803334198912
r1= : 1.182614848136E-12
rpunto1 : = 13294881.238453
rduepunti0 : = -1.0282390785273E+26
fil : = 506.73620907174
fipunto1 : = 8.1488602766661E+18
fi_gradi : = 29033.84610627
t1 : = 1.0812528352988E-14
tpunto1 : = 1.0036101214402
tduepunti0 : = -5.4164979125836E+16
v=v_elettrone : = 16441269.10394
x0= : -6.9768362082504E-13
y0= : -9.5295679528757E-13
*****
i=60367
k(60367)=0.99901796893769
kQ(60367)=0.99803690226039
r1= : 1.1841740544357E-12
rpunto1 : = 13282841.823144
rduepunti0 : = -1.0265645844275E+26
fil : = 506.73716475943
fipunto1 : = 8.1273727157779E+18
fi_gradi : = 29033.900863141
t1 : = 1.081252847069E-14
tpunto1 : = 1.0036037916072
tduepunti0 : = -5.3972574694988E+16
v=v_elettrone : = 16423987.453573
x0= : -6.9769085601599E-13
y0= : -9.5488499227051E-13
*****
i=60368
k(60368)=0.99901974631165
kQ(60368)=0.9980404535206
r1= : 1.1857318487684E-12
rpunto1 : = 13270821.998782
rduepunti0 : = -1.0248941236171E+26
fil : = 506.73811792708
fipunto1 : = 8.1059894147178E+18
fi_gradi : = 29033.955475624
t1 : = 1.0812528588392E-14
tpunto1 : = 1.0035974842175
tduepunti0 : = -5.378120693243E+16
v=v_elettrone : = 16406749.089954
x0= : -6.9769662540594E-13
y0= : -9.5681116741797E-13

```

```
*****
i=60369
k(60369)=0.99902151918736
kQ(60369)=0.99804399579943
r1= : 1.1872882334319E-12
rpunto1 : = 13258821.718076
rduepunti0 : = -1.0232276950594E+26
fil : = 506.73906858692
fipunto1 : = 8.0847096664842E+18
fi_gradi : = 29034.009944421
t1 : = 1.0812528706092E-14
tpunto1 : = 1.0035911991505
tduepunti0 : = -5.359086838089E+16
v=v_elettrone : = 16389553.818045
x0= : -6.9770093477095E-13
y0= : -9.5873532468742E-13
*****
i=60370
k(60370)=0.99902328757966
kQ(60370)=0.99804752912647
r1= : 1.1888432107181E-12
rpunto1 : = 13246840.933752
rduepunti0 : = -1.021565297505E+26
fil : = 506.74001675111
fipunto1 : = 8.0635327701872E+18
fi_gradi : = 29034.064270227
t1 : = 1.0812528823792E-14
tpunto1 : = 1.0035849362863
tduepunti0 : = -5.3401551649532E+16
v=v_elettrone : = 16372401.443785
x0= : -6.9770378985445E-13
y0= : -9.6065746802307E-13
*****
i=60371
k(60371)=0.99902505150334
kQ(60371)=0.99805105353124
r1= : 1.1903967829136E-12
rpunto1 : = 13234879.598551
rduepunti0 : = -1.0199069294966E+26
fil : = 506.7409624317
fipunto1 : = 8.0424580309849E+18
fi_gradi : = 29034.118453734
t1 : = 1.0812528941491E-14
tpunto1 : = 1.0035786955059
tduepunti0 : = -5.3213249413256E+16
v=v_elettrone : = 16355291.773461
x0= : -6.9770519636755E-13
y0= : -9.6257760135596E-13
*****
i=60372
k(60372)=0.99902681097314
kQ(60372)=0.99805456904317
r1= : 1.1919489522993E-12
rpunto1 : = 13222937.665235
rduepunti0 : = -1.0182525893736E+26
fil : = 506.74190564067
fipunto1 : = 8.0214847600204E+18
fi_gradi : = 29034.172495627
t1 : = 1.081252905919E-14
tpunto1 : = 1.0035724766913
tduepunti0 : = -5.3025954412005E+16
v=v_elettrone : = 16338224.615434
x0= : -6.9770515998942E-13
y0= : -9.6449572860386E-13
```

```
*****
i=60373
k(60373)=0.99902856600379
kQ(60373)=0.9980580756916
r1= : 1.1934997211507E-12
rpunto1: = 13211015.086586
rduepunti0 : = -1.0166022752759E+26
fil : = 506.74284638992
fipunto1 : = 8.0006122743595E+18
fi_gradi : = 29034.226396588
t1 : = 1.0812529176887E-14
tpunto1 : = 1.0035662797251
tduepunti0 : = -5.2839659450083E+16
v=v_elettrone : = 16321199.779479
x0= : -6.9770368636738E-13
y0= : -9.6641185367147E-13
*****
i=60374
k(60374)=0.99903031660996
kQ(60374)=0.9980615735058
r1= : 1.1950490917376E-12
rpunto1: = 13199111.815414
rduepunti0 : = -1.0149559851486E+26
fil : = 506.74378469127
fipunto1 : = 7.9798398969291E+18
fi_gradi : = 29034.280157296
t1 : = 1.0812529294584E-14
tpunto1 : = 1.0035601044908
tduepunti0 : = -5.2654357395481E+16
v=v_elettrone : = 16304217.075818
x0= : -6.9770078111712E-13
y0= : -9.6832598045042E-13
*****
i=60375
k(60375)=0.99903206280627
kQ(60375)=0.99806506251495
r1= : 1.1965970663245E-12
rpunto1: = 13187227.80455
rduepunti0 : = -1.0133137167462E+26
fil : = 506.74472055647
fipunto1 : = 7.9591669564567E+18
fi_gradi : = 29034.333778422
t1 : = 1.081252941228E-14
tpunto1 : = 1.003553950873
tduepunti0 : = -5.2470041179209E+16
v=v_elettrone : = 16287276.315836
x0= : -6.9769644982303E-13
y0= : -9.7023811281933E-13
*****
i=60376
k(60376)=0.99903380460732
kQ(60376)=0.99806854274817
r1= : 1.19814364717E-12
rpunto1: = 13175363.006858
rduepunti0 : = -1.0116754676367E+26
fil : = 506.74565399717
fipunto1 : = 7.93859278741E+18
fi_gradi : = 29034.387260634
t1 : = 1.0812529529976E-14
tpunto1 : = 1.0035478187567
tduepunti0 : = -5.2286703794638E+16
v=v_elettrone : = 16270377.31312
x0= : -6.9769069803844E-13
y0= : -9.7214825464377E-13
```



```
*****
i=60377
k(60377)=0.99903554202764
kQ(60377)=0.99807201423445
r1= : 1.1996888365277E-12
rpunto1 : = 13163517.37523
rduepunti0 : = -1.0100412352054E+26
fil : = 506.74658502496
fipunto1 : = 7.918116729938E+18
fi_gradi : = 29034.440604597
t1 : = 1.0812529647671E-14
tpunto1 : = 1.0035417080279
tduepunti0 : = -5.2104338296846E+16
v=v_elettrone : = 16253519.881792
x0= : -6.9768353128571E-13
y0= : -9.7405640977647E-13
*****
i=60378
k(60378)=0.99903727508174
kQ(60378)=0.99807547700275
r1= : 1.2012326366451E-12
rpunto1 : = 13151690.862593
rduepunti0 : = -1.008411016659E+26
fil : = 506.74751365134
fipunto1 : = 7.8977381298124E+18
fi_gradi : = 29034.49381097
t1 : = 1.0812529765365E-14
tpunto1 : = 1.0035356185736
tduepunti0 : = -5.1922937801978E+16
v=v_elettrone : = 16236703.836218
x0= : -6.9767495505652E-13
y0= : -9.7596258205731E-13
*****
i=60379
k(60379)=0.99903900378409
kQ(60379)=0.9980789310819
r1= : 1.2027750497645E-12
rpunto1 : = 13139883.421906
rduepunti0 : = -1.0067848090299E+26
fil : = 506.74843988775
fipunto1 : = 7.8774563383693E+18
fi_gradi : = 29034.546880407
t1 : = 1.0812529883058E-14
tpunto1 : = 1.0035295502814
tduepunti0 : = -5.1742495486612E+16
v=v_elettrone : = 16219928.993746
x0= : -6.9766497481226E-13
y0= : -9.7786677531322E-13
*****
i=60380
k(60380)=0.99904072814909
kQ(60380)=0.99808237650067
r1= : 1.2043160781228E-12
rpunto1 : = 13128095.006167
rduepunti0 : = -1.0051626091792E+26
fil : = 506.74936374553
fipunto1 : = 7.8572707124525E+18
fi_gradi : = 29034.599813559
t1 : = 1.0812530000751E-14
tpunto1 : = 1.0035235030396
tduepunti0 : = -5.1563004587126E+16
v=v_elettrone : = 16203195.171338
x0= : -6.9765359598399E-13
y0= : -9.7976899335849E-13
```

```

*****
i=60381
k(60381)=0.99904244819114
kQ(60381)=0.99808581328775
r1= : 1.2058557239511E-12
rpunto1 : = 13116325.568412
rduepunti0 : = -1.0035444138015E+26
fil : = 506.75028523598
fipunto1 : = 7.8371806143567E+18
fi_gradi : = 29034.652611072
t1 : = 1.0812530118443E-14
tpunto1 : = 1.0035174767374
tduepunti0 : = -5.138445839908E+16
v=v_elettrone : = 16186502.187985
x0= : -6.9764082397283E-13
y0= : -9.816692399946E-13
*****
i=60382
k(60382)=0.99904416392456
kQ(60382)=0.99808924147172
r1= : 1.207393989475E-12
rpunto1 : = 13104575.061718
rduepunti0 : = -1.0019302194274E+26
fil : = 506.75120437028
fipunto1 : = 7.8171854117718E+18
fi_gradi : = 29034.705273588
t1 : = 1.0812530236134E-14
tpunto1 : = 1.0035114712649
tduepunti0 : = -5.1206850276604E+16
v=v_elettrone : = 16169849.863378
x0= : -6.9762666415012E-13
y0= : -9.8356751901041E-13
*****
i=60383
k(60383)=0.99904587536364
kQ(60383)=0.99809266108109
r1= : 1.2089308769149E-12
rpunto1 : = 13092843.439203
rduepunti0 : = -1.0003200224283E+26
fil : = 506.75212115957
fipunto1 : = 7.797284477728E+18
fi_gradi : = 29034.757801745
t1 : = 1.0812530353824E-14
tpunto1 : = 1.0035054865129
tduepunti0 : = -5.1030173631793E+16
v=v_elettrone : = 16153238.018283
x0= : -6.9761112185765E-13
y0= : -9.8546383418213E-13
*****
i=60384
k(60384)=0.99904758252263
kQ(60384)=0.9980960721443
r1= : 1.2104663884855E-12
rpunto1 : = 13081130.654032
rduepunti0 : = -9.9871381901892E+25
fil : = 506.7530356149
fipunto1 : = 7.7774771905405E+18
fi_gradi : = 29034.810196177
t1 : = 1.0812530471514E-14
tpunto1 : = 1.0034995223727
tduepunti0 : = -5.0854421934103E+16
v=v_elettrone : = 16136666.474889
x0= : -6.9759420240789E-13
y0= : -9.8735818927338E-13

```

```
*****
i=60385
k(60385)=0.99904928541573
kQ(60385)=0.99809947468968
r1= : 1.2120005263959E-12
rpunto1: = 13069436.659415
rduepunti0 : = -9.9711160526165E+25
fil : = 506.75394774727
fipunto1 : = 7.7577629337568E+18
fi_gradi : = 29034.862457511
t1 : = 1.0812530589203E-14
tpunto1 : = 1.0034935787368
tduepunti0 : = -5.0679588709765E+16
v=v_elettrone : = 16120135.05619
x0= : -6.9757591108416E-13
y0= : -9.892505880353E-13
*****
i=60386
k(60386)=0.99905098405711
kQ(60386)=0.99810286874547
r1= : 1.2135332928499E-12
rpunto1: = 13057761.40861
rduepunti0 : = -9.9551337706935E+25
fil : = 506.75485756757
fipunto1 : = 7.7381410961025E+18
fi_gradi : = 29034.914586375
t1 : = 1.0812530706892E-14
tpunto1 : = 1.0034876554981
tduepunti0 : = -5.05056675412E+16
v=v_elettrone : = 16103643.586327
x0= : -6.975562531409E-13
y0= : -9.911410342065E-13
*****
i=60387
k(60387)=0.99905267846088
kQ(60387)=0.99810625433986
r1= : 1.2150646900457E-12
rpunto1: = 13046104.854923
rduepunti0 : = -9.9391913020902E+25
fil : = 506.75576508664
fipunto1 : = 7.7186110714293E+18
fi_gradi : = 29034.966583388
t1 : = 1.0812530824579E-14
tpunto1 : = 1.0034817525504
tduepunti0 : = -5.0332652066438E+16
v=v_elettrone : = 16087191.890982
x0= : -6.9753523380385E-13
y0= : -9.9302953151318E-13
*****
i=60388
k(60388)=0.99905436864112
kQ(60388)=0.9981096315009
r1= : 1.2165947201762E-12
rpunto1: = 13034466.951714
rduepunti0 : = -9.92328860305E+25
fil : = 506.75667031526
fipunto1 : = 7.6991722586627E+18
fi_gradi : = 29035.018449167
t1 : = 1.0812530942266E-14
tpunto1 : = 1.0034758697883
tduepunti0 : = -5.016053597855E+16
v=v_elettrone : = 16070779.796013
x0= : -6.9751285827019E-13
y0= : -9.949160836692E-13
```

```
*****
i=60389
k(60389)=0.99905605461185
kQ(60389)=0.9981130002566
r1= : 1.2181233854285E-12
rpunto1 : = 13022847.652394
rduepunti0 : = -9.9074256284222E+25
fil : = 506.75757326413
fipunto1 : = 7.679824061751E+18
fi_gradi : = 29035.070184326
t1 : = 1.0812531059953E-14
tpunto1 : = 1.003470007107
tduepunti0 : = -4.9989313025082E+16
v=v_elettrone : = 16054407.128873
x0= : -6.9748913170887E-13
y0= : -9.9680069437604E-13
*****
i=60390
k(60390)=0.99905773638707
kQ(60390)=0.99811636063485
r1= : 1.2196506879847E-12
rpunto1 : = 13011246.91043
rduepunti0 : = -9.891602331694E+25
fil : = 506.75847394386
fipunto1 : = 7.6605658896144E+18
fi_gradi : = 29035.121789473
t1 : = 1.0812531177638E-14
tpunto1 : = 1.0034641644025
tduepunti0 : = -4.98189770075E+16
v=v_elettrone : = 16038073.718285
x0= : -6.9746405926077E-13
y0= : -9.986833673229E-13
*****
i=60391
k(60391)=0.99905941398071
kQ(60391)=0.99811971266349
r1= : 1.221176630021E-12
rpunto1 : = 12999664.679343
rduepunti0 : = -9.8758186650215E+25
fil : = 506.75937236501
fipunto1 : = 7.6413971560946E+18
fi_gradi : = 29035.173265214
t1 : = 1.0812531295323E-14
tpunto1 : = 1.0034583415714
tduepunti0 : = -4.9649521780636E+16
v=v_elettrone : = 16021779.393594
x0= : -6.9743764603884E-13
y0= : -1.0005641061868E-12
*****
i=60392
k(60392)=0.99906108740668
kQ(60392)=0.99812305637022
r1= : 1.2227012137083E-12
rpunto1 : = 12988100.912715
rduepunti0 : = -9.86007457926E+25
fil : = 506.76026853809
fipunto1 : = 7.6223172799058E+18
fi_gradi : = 29035.224612149
t1 : = 1.0812531413008E-14
tpunto1 : = 1.0034525385113
tduepunti0 : = -4.9480941252148E+16
v=v_elettrone : = 16005523.985115
x0= : -6.9740989712838E-13
y0= : -1.0024429146324E-12
```

```
*****
i=60393
k(60393)=0.99906275667883
kQ(60393)=0.99812639178271
r1= : 1.2242244412122E-12
rpunto1: = 12976555.564185
rduepunti0 : = -9.8443700239947E+25
fil : = 506.7611624735
fipunto1 : = 7.6033256845855E+18
fi_gradi : = 29035.275830875
t1 : = 1.0812531530691E-14
tpunto1 : = 1.0034467551202
tduepunti0 : = -4.9313229381975E+16
v=v_elettrone : = 15989307.325227
x0= : -6.9738081758722E-13
y0= : -1.0043197963125E-12
*****
i=60394
k(60394)=0.99906442181097
kQ(60394)=0.9981297189285
r1= : 1.2257463146927E-12
rpunto1: = 12965028.587451
rduepunti0 : = -9.8287049475696E+25
fil : = 506.7620541816
fipunto1 : = 7.5844217984457E+18
fi_gradi : = 29035.326921986
t1 : = 1.0812531648374E-14
tpunto1 : = 1.0034409912969
tduepunti0 : = -4.9146380181812E+16
v=v_elettrone : = 15973129.245605
x0= : -6.9735041244578E-13
y0= : -1.0061947548676E-12
*****
i=60395
k(60395)=0.99906608281687
kQ(60395)=0.99813303783505
r1= : 1.2272668363045E-12
rpunto1: = 12953519.936275
rduepunti0 : = -9.813079297117E+25
fil : = 506.76294367268
fipunto1 : = 7.5656050545259E+18
fi_gradi : = 29035.37788607
t1 : = 1.0812531766056E-14
tpunto1 : = 1.0034352469411
tduepunti0 : = -4.8980387714582E+16
v=v_elettrone : = 15956989.580389
x0= : -6.9731868670755E-13
y0= : -1.0080677939262E-12
*****
i=60396
k(60396)=0.99906773971025
kQ(60396)=0.99813634852975
r1= : 1.2287860081966E-12
rpunto1: = 12942029.564484
rduepunti0 : = -9.7974930185852E+25
fil : = 506.76383095695
fipunto1 : = 7.5468748905451E+18
fi_gradi : = 29035.428723715
t1 : = 1.0812531883738E-14
tpunto1 : = 1.0034295219528
tduepunti0 : = -4.8815246093914E+16
v=v_elettrone : = 15940888.163759
x0= : -6.9728564534902E-13
y0= : -1.0099389171049E-12
```

```
*****
i=60397
k(60397)=0.99906939250479
kQ(60397)=0.99813965103989
r1= : 1.230303832513E-12
rpunto1: = 12930557.425966
rduepunti0 : = -9.781946056767E+25
fil : = 506.76471604458
fipunto1 : = 7.5282307488554E+18
fi_gradi : = 29035.4794355
t1 : = 1.0812532001419E-14
tpunto1 : = 1.003423816233
tduepunti0 : = -4.8650949483634E+16
v=v_elettrone : = 15924824.83171
x0= : -6.9725129332005E-13
y0= : -1.0118081280081E-12
*****
i=60398
k(60398)=0.99907104121412
kQ(60398)=0.99814294539266
r1= : 1.231820311392E-12
rpunto1: = 12919103.474678
rduepunti0 : = -9.766438355327E+25
fil : = 506.76559894564
fipunto1 : = 7.5096720763959E+18
fi_gradi : = 29035.530022005
t1 : = 1.0812532119099E-14
tpunto1 : = 1.0034181296833
tduepunti0 : = -4.8487492097254E+16
v=v_elettrone : = 15908799.421042
x0= : -6.972156355439E-13
y0= : -1.0136754302287E-12
*****
i=60399
k(60399)=0.99907268585183
kQ(60399)=0.99814623161518
r1= : 1.2333354469665E-12
rpunto1: = 12907667.664643
rduepunti0 : = -9.7509698568279E+25
fil : = 506.76647967017
fipunto1 : = 7.4911983246469E+18
fi_gradi : = 29035.580483803
t1 : = 1.0812532236779E-14
tpunto1 : = 1.0034124622059
tduepunti0 : = -4.8324868197471E+16
v=v_elettrone : = 15892811.769021
x0= : -6.971786769175E-13
y0= : -1.0155408273474E-12
*****
i=60400
k(60400)=0.99907432643146
kQ(60400)=0.99814950973448
r1= : 1.2348492413642E-12
rpunto1: = 12896249.949952
rduepunti0 : = -9.7355405027578E+25
fil : = 506.76735822812
fipunto1 : = 7.4728089495851E+18
fi_gradi : = 29035.630821466
t1 : = 1.0812532354458E-14
tpunto1 : = 1.0034068137037
tduepunti0 : = -4.8163072095675E+16
v=v_elettrone : = 15876861.71411
x0= : -6.9714042231167E-13
y0= : -1.0174043229332E-12
```

```
*****
i=60401
k(60401)=0.99907596296652
kQ(60401)=0.99815277977748
r1= : 1.2363616967072E-12
rpunto1 : = 12884850.284768
rduepunti0 : = -9.7201502335551E+25
fil : = 506.76823462939
fipunto1 : = 7.4545034116384E+18
fi_gradi : = 29035.68103556
t1 : = 1.0812532472136E-14
tpunto1 : = 1.0034011840804
tduepunti0 : = -4.8002098151452E+16
v=v_elettrone : = 15860949.095998
x0= : -6.9710087657127E-13
y0= : -1.0192659205434E-12
*****
i=60402
k(60402)=0.99907759547047
kQ(60402)=0.99815604177105
r1= : 1.2378728151124E-12
rpunto1 : = 12873468.623324
rduepunti0 : = -9.7047989886348E+25
fil : = 506.76910888381
fipunto1 : = 7.4362811756427E+18
fi_gradi : = 29035.731126648
t1 : = 1.0812532589813E-14
tpunto1 : = 1.0033955732401
tduepunti0 : = -4.7841940772107E+16
v=v_elettrone : = 15845073.755269
x0= : -6.9706004451539E-13
y0= : -1.0211256237236E-12
*****
i=60403
k(60403)=0.9990792239567
kQ(60403)=0.99815929574193
r1= : 1.2393825986911E-12
rpunto1 : = 12862104.919924
rduepunti0 : = -9.6894867064128E+25
fil : = 506.76998100115
fipunto1 : = 7.4181417107975E+18
fi_gradi : = 29035.781095291
t1 : = 1.081253270749E-14
tpunto1 : = 1.0033899810877
tduepunti0 : = -4.768259441218E+16
v=v_elettrone : = 15829235.533421
x0= : -6.970179309375E-13
y0= : -1.0229834360075E-12
*****
i=60404
k(60404)=0.9990808484386
kQ(60404)=0.9981625417168
r1= : 1.2408910495497E-12
rpunto1 : = 12850759.128947
rduepunti0 : = -9.6742133243306E+25
fil : = 506.77085099112
fipunto1 : = 7.4000844906236E+18
fi_gradi : = 29035.830942044
t1 : = 1.0812532825167E-14
tpunto1 : = 1.0033844075288
tduepunti0 : = -4.7524053572976E+16
v=v_elettrone : = 15813434.272558
x0= : -6.9697454060564E-13
y0= : -1.0248393609176E-12
```

```
*****
i=60405
k(60405)=0.99908246892948
kQ(60405)=0.99816577972223
r1= : 1.2423981697886E-12
rpunto1 : = 12839431.204846
rduepunti0 : = -9.6589787788794E+25
fil : = 506.77171886336
fipunto1 : = 7.3821089929199E+18
fi_gradi : = 29035.880667461
t1 : = 1.0812532942842E-14
tpunto1 : = 1.0033788524695
tduepunti0 : = -4.7366312802093E+16
v=v_elettrone : = 15797669.816098
x0= : -6.9692987826266E-13
y0= : -1.0266934019644E-12
*****
i=60406
k(60406)=0.99908408544263
kQ(60406)=0.99816900978473
r1= : 1.2439039615034E-12
rpunto1 : = 12828121.10215
rduepunti0 : = -9.6437830056236E+25
fil : = 506.77258462746
fipunto1 : = 7.3642146997218E+18
fi_gradi : = 29035.93027209
t1 : = 1.0812533060517E-14
tpunto1 : = 1.0033733158167
tduepunti0 : = -4.7209366692967E+16
v=v_elettrone : = 15781942.00845
x0= : -6.9688394862635E-13
y0= : -1.0285455626471E-12
*****
i=60407
k(60407)=0.99908569799126
kQ(60407)=0.99817223193069
r1= : 1.2454084267842E-12
rpunto1 : = 12816828.775462
rduepunti0 : = -9.6286259392239E+25
fil : = 506.77344829293
fipunto1 : = 7.3464010972594E+18
fi_gradi : = 29035.979756476
t1 : = 1.0812533178192E-14
tpunto1 : = 1.0033677974777
tduepunti0 : = -4.7053209884406E+16
v=v_elettrone : = 15766250.695049
x0= : -6.9683675638957E-13
y0= : -1.0303958464534E-12
*****
i=60408
k(60408)=0.99908730658858
kQ(60408)=0.99817544618643
r1= : 1.2469115677156E-12
rpunto1 : = 12805554.179467
rduepunti0 : = -9.6135075134601E+25
fil : = 506.77430986925
fipunto1 : = 7.3286676759165E+18
fi_gradi : = 29036.029121163
t1 : = 1.0812533295865E-14
tpunto1 : = 1.0033622973607
tduepunti0 : = -4.6897837060145E+16
v=v_elettrone : = 15750595.721304
x0= : -6.9678830622047E-13
y0= : -1.0322442568595E-12
```



```
*****
i=60409
k(60409)=0.99908891124773
kQ(60409)=0.99817865257817
r1= : 1.2484133863772E-12
rpunto1: = 12794297.268926
rduepunti0 : = -9.5984276612534E+25
fil : = 506.77516936582
fipunto1 : = 7.3110139301899E+18
fi_gradi : = 29036.078366689
t1 : = 1.0812533413538E-14
tpunto1 : = 1.0033568153742
tduepunti0 : = -4.6743242948395E+16
v=v_elettrone : = 15734976.935101
x0= : -6.9673860276274E-13
y0= : -1.0340907973303E-12
*****
i=60410
k(60410)=0.9990905119818
kQ(60410)=0.99818185113205
r1= : 1.249913884843E-12
rpunto1: = 12783057.998679
rduepunti0 : = -9.5833863146881E+25
fil : = 506.77602679198
fipunto1 : = 7.2934393586491E+18
fi_gradi : = 29036.127493589
t1 : = 1.0812533531211E-14
tpunto1 : = 1.0033513514276
tduepunti0 : = -4.6589422321406E+16
v=v_elettrone : = 15719394.183651
x0= : -6.9668765063557E-13
y0= : -1.0359354713194E-12
*****
i=60411
k(60411)=0.99909210880384
kQ(60411)=0.99818504187411
r1= : 1.2514130651819E-12
rpunto1: = 12771836.323648
rduepunti0 : = -9.5683834050334E+25
fil : = 506.77688215702
fipunto1 : = 7.275943463897E+18
fi_gradi : = 29036.176502396
t1 : = 1.0812533648882E-14
tpunto1 : = 1.0033459054308
tduepunti0 : = -4.6436369995024E+16
v=v_elettrone : = 15703847.315975
x0= : -6.9663545443408E-13
y0= : -1.0377782822688E-12
*****
i=60412
k(60412)=0.99909370172688
kQ(60412)=0.99818822483033
r1= : 1.2529109294574E-12
rpunto1: = 12760632.198838
rduepunti0 : = -9.5534188627642E+25
fil : = 506.7773547016
fipunto1 : = 7.2585257525301E+18
fi_gradi : = 29036.225393638
t1 : = 1.0812533766553E-14
tpunto1 : = 1.0033404772943
tduepunti0 : = -4.6284080828266E+16
v=v_elettrone : = 15688336.18223
x0= : -6.9658201872932E-13
y0= : -1.0396192336095E-12
```

```
*****
i=60413
k(60413)=0.99909529076388
kQ(60413)=0.99819140002656
r1= : 1.2544074797277E-12
rpunto1 : = 12749445.579332
rduepunti0 : = -9.538492617582E+25
fil : = 506.77858674058
fipunto1 : = 7.2411857351003E+18
fi_gradi : = 29036.27416784
t1 : = 1.0812533884224E-14
tpunto1 : = 1.0033350669292
tduepunti0 : = -4.6132549722888E+16
v=v_elettrone : = 15672860.632301
x0= : -6.965273480684E-13
y0= : -1.0414583287614E-12
*****
i=60414
k(60414)=0.99909687592775
kQ(60414)=0.99819456748859
r1= : 1.255902718046E-12
rpunto1 : = 12738276.420301
rduepunti0 : = -9.5236045984349E+25
fil : = 506.77943597738
fipunto1 : = 7.2239229260759E+18
fi_gradi : = 29036.322825524
t1 : = 1.0812534001894E-14
tpunto1 : = 1.0033296742471
tduepunti0 : = -4.5981771622968E+16
v=v_elettrone : = 15657420.518327
x0= : -6.9647144697487E-13
y0= : -1.0432955711329E-12
*****
i=60415
k(60415)=0.99909845723137
kQ(60415)=0.99819772724211
r1= : 1.2573966464598E-12
rpunto1 : = 12727124.676997
rduepunti0 : = -9.508754733538E+25
fil : = 506.78028318962
fipunto1 : = 7.2067368438041E+18
fi_gradi : = 29036.37136721
t1 : = 1.0812534119563E-14
tpunto1 : = 1.0033242991603
tduepunti0 : = -4.5831741514485E+16
v=v_elettrone : = 15642015.692568
x0= : -6.9641431994862E-13
y0= : -1.0451309641216E-12
*****
i=60416
k(60416)=0.99910003468758
kQ(60416)=0.99820087931272
r1= : 1.2588892670118E-12
rpunto1 : = 12715990.30476
rduepunti0 : = -9.4939429503924E+25
fil : = 506.7811283863
fipunto1 : = 7.1896270104732E+18
fi_gradi : = 29036.419793413
t1 : = 1.0812534237231E-14
tpunto1 : = 1.0033189415817
tduepunti0 : = -4.5682454424909E+16
v=v_elettrone : = 15626646.007794
x0= : -6.9635597146617E-13
y0= : -1.0469645111138E-12
```

```

*****
i=60417
k(60417)=0.99910160830915
kQ(60417)=0.99820402372594
r1= : 1.2603805817392E-12
rpunto1 : = 12704873.259012
rduepunti0 : = -9.479169175805E+25
fil : = 506.78197157636
fipunto1 : = 7.172592952076E+18
fi_gradi : = 29036.468104645
t1 : = 1.0812534354899E-14
tpunto1 : = 1.0033136014248
tduepunti0 : = -4.553390542279E+16
v=v_elettrone : = 15611311.318384
x0= : -6.9629640598094E-13
y0= : -1.048796215485E-12
*****
i=60418
k(60418)=0.99910317810885
kQ(60418)=0.9982071605072
r1= : 1.2618705926739E-12
rpunto1 : = 12693773.495264
rduepunti0 : = -9.4644333359067E+25
fil : = 506.78281276869
fipunto1 : = 7.1556341983725E+18
fi_gradi : = 29036.516301415
t1 : = 1.0812534472567E-14
tpunto1 : = 1.0033082786035
tduepunti0 : = -4.5386089617362E+16
v=v_elettrone : = 15596011.479243
x0= : -6.9623562792321E-13
y0= : -1.0506260805994E-12
*****
i=60419
k(60419)=0.99910474409935
kQ(60419)=0.99821028968183
r1= : 1.2633593018429E-12
rpunto1 : = 12682690.969115
rduepunti0 : = -9.4497353561714E+25
fil : = 506.78365197212
fipunto1 : = 7.1387502828541E+18
fi_gradi : = 29036.564384229
t1 : = 1.0812534590233E-14
tpunto1 : = 1.0033029730325
tduepunti0 : = -4.5239002158136E+16
v=v_elettrone : = 15580746.346224
x0= : -6.9617364170038E-13
y0= : -1.0524541098105E-12
*****
i=60420
k(60420)=0.99910630629332
kQ(60420)=0.99821341127508
r1= : 1.2648467112677E-12
rpunto1 : = 12671625.636251
rduepunti0 : = -9.4350751614341E+25
fil : = 506.78448919543
fipunto1 : = 7.1219407427076E+18
fi_gradi : = 29036.612353591
t1 : = 1.0812534707899E-14
tpunto1 : = 1.0032976846268
tduepunti0 : = -4.5092638234513E+16
v=v_elettrone : = 15565515.775761
x0= : -6.9611045169712E-13
y0= : -1.0542803064608E-12

```

```
*****
i=60421
k(60421)=0.99910786470336
kQ(60421)=0.99821652531211
r1= : 1.2663328229647E-12
rpunto1 : = 12660577.452446
rduepunti0 : = -9.4204526759082E+25
fil : = 506.78532444733
fipunto1 : = 7.1052051187796E+18
fi_gradi : = 29036.66021
t1 : = 1.0812534825565E-14
tpunto1 : = 1.0032924133022
tduepunti0 : = -4.494699307539E+16
v=v_elettrone : = 15550319.625259
x0= : -6.9604606227553E-13
y0= : -1.056104673882E-12
*****
i=60422
k(60422)=0.99910941934204
kQ(60422)=0.998219631818
r1= : 1.2678176389452E-12
rpunto1 : = 12649546.373567
rduepunti0 : = -9.4058678232036E+25
fil : = 506.7861577365
fipunto1 : = 7.088542955542E+18
fi_gradi : = 29036.707953953
t1 : = 1.081253494323E-14
tpunto1 : = 1.0032871589749
tduepunti0 : = -4.4802061948777E+16
v=v_elettrone : = 15535157.753457
x0= : -6.9598047777527E-13
y0= : -1.057927215395E-12
*****
i=60423
k(60423)=0.99911097022189
kQ(60423)=0.99822273081772
r1= : 1.2693011612151E-12
rpunto1 : = 12638532.355567
rduepunti0 : = -9.3913205263436E+25
fil : = 506.78698907156
fipunto1 : = 7.0719538010565E+18
fi_gradi : = 29036.755585943
t1 : = 1.0812535060894E-14
tpunto1 : = 1.0032819215617
tduepunti0 : = -4.4657840161415E+16
v=v_elettrone : = 15520030.019049
x0= : -6.9591370251369E-13
y0= : -1.0597479343099E-12
*****
i=60424
k(60424)=0.99911251735537
kQ(60424)=0.99822582233618
r1= : 1.2707833917754E-12
rpunto1 : = 12627535.354493
rduepunti0 : = -9.3768107077816E+25
fil : = 506.78781846106
fipunto1 : = 7.0554372069413E+18
fi_gradi : = 29036.803106461
t1 : = 1.0812535178558E-14
tpunto1 : = 1.0032767009801
tduepunti0 : = -4.4514323058399E+16
v=v_elettrone : = 15504936.281737
x0= : -6.9584574078606E-13
y0= : -1.0615668339261E-12
```

```
*****
i=60425
k(60425)=0.99911406075492
kQ(60425)=0.99822890639819
r1= : 1.2722643326218E-12
rpunto1: = 12616555.326482
rduepunti0 : = -9.3623382894179E+25
fil : = 506.78864591352
fipunto1 : = 7.0389927283364E+18
fi_gradi : = 29036.850515994
t1 : = 1.0812535296221E-14
tpunto1 : = 1.0032714971478
tduepunti0 : = -4.4371506022809E+16
v=v_elettrone : = 15489876.402995
x0= : -6.957765968657E-13
y0= : -1.0633839175322E-12
*****
i=60426
k(60426)=0.99911560043293
kQ(60426)=0.99823198302845
r1= : 1.2737439857448E-12
rpunto1: = 12605592.227763
rduepunti0 : = -9.3479031926156E+25
fil : = 506.78947143739
fipunto1 : = 7.0226199238704E+18
fi_gradi : = 29036.897815028
t1 : = 1.0812535413883E-14
tpunto1 : = 1.0032663099834
tduepunti0 : = -4.4229384475337E+16
v=v_elettrone : = 15474850.243568
x0= : -6.95706275004E-13
y0= : -1.0651991884064E-12
*****
i=60427
k(60427)=0.99911713640174
kQ(60427)=0.99823505225161
r1= : 1.2752223531299E-12
rpunto1: = 12594646.014661
rduepunti0 : = -9.3335053382168E+25
fil : = 506.79029504107
fipunto1 : = 7.0063183556276E+18
fi_gradi : = 29036.945004043
t1 : = 1.0812535531545E-14
tpunto1 : = 1.0032611394058
tduepunti0 : = -4.4087953873927E+16
v=v_elettrone : = 15459857.666363
x0= : -6.956347794308E-13
y0= : -1.067012649816E-12
*****
i=60428
k(60428)=0.99911866867365
kQ(60428)=0.99823811409221
r1= : 1.2766994367575E-12
rpunto1: = 12583716.64359
rduepunti0 : = -9.319144646558E+25
fil : = 506.79111673294
fipunto1 : = 6.990087589115E+18
fi_gradi : = 29036.992083519
t1 : = 1.0812535649206E-14
tpunto1 : = 1.0032559853345
tduepunti0 : = -4.3947209713412E+16
v=v_elettrone : = 15444898.533956
x0= : -6.955621143543E-13
y0= : -1.068824305018E-12
```

```
*****
i=60429
k(60429)=0.99912019726092
kQ(60429)=0.9982411685747
r1= : 1.2781752386027E-12
rpunto1: = 12572804.07106
rduepunti0 : = -9.3048210374854E+25
fil : = 506.79193652128
fipunto1 : = 6.9739271932297E+18
fi_gradi : = 29037.039053931
t1 : = 1.0812535766866E-14
tpunto1 : = 1.0032508476895
tduepunti0 : = -4.3807147525159E+16
v=v_elettrone : = 15429972.710762
x0= : -6.9548828396142E-13
y0= : -1.0706341572588E-12
*****
i=60430
k(60430)=0.99912172217576
kQ(60430)=0.99824421572345
r1= : 1.2796497606357E-12
rpunto1: = 12561908.253676
rduepunti0 : = -9.2905344303701E+25
fil : = 506.79275441434
fipunto1 : = 6.9578367402274E+18
fi_gradi : = 29037.085915752
t1 : = 1.0812535884526E-14
tpunto1 : = 1.0032457263913
tduepunti0 : = -4.3667762876717E+16
v=v_elettrone : = 15415080.0609
x0= : -6.9541329241774E-13
y0= : -1.0724422097744E-12
*****
i=60431
k(60431)=0.99912324343033
kQ(60431)=0.99824725556275
r1= : 1.2811230048214E-12
rpunto1: = 12551029.148139
rduepunti0 : = -9.2762847441229E+25
fil : = 506.79357042035
fipunto1 : = 6.9418158056901E+18
fi_gradi : = 29037.132669452
t1 : = 1.0812536002186E-14
tpunto1 : = 1.003240621361
tduepunti0 : = -4.352905137147E+16
v=v_elettrone : = 15400220.450366
x0= : -6.9533714386784E-13
y0= : -1.0742484657903E-12
*****
i=60432
k(60432)=0.99912476103677
kQ(60432)=0.99825028811679
r1= : 1.2825949731199E-12
rpunto1: = 12540166.711242
rduepunti0 : = -9.2620718972085E+25
fil : = 506.79438454743
fipunto1 : = 6.9258639684953E+18
fi_gradi : = 29037.179315498
t1 : = 1.0812536119844E-14
tpunto1 : = 1.0032355325202
tduepunti0 : = -4.3391008648291E+16
v=v_elettrone : = 15385393.745258
x0= : -6.9525984243525E-13
y0= : -1.0760529285215E-12
```

```
*****
i=60433
k(60433)=0.99912627500715
kQ(60433)=0.99825331340967
r1= : 1.284065667486E-12
rpunto1: = 12529320.899878
rduepunti0 : = -9.2478958076596E+25
fil : = 506.79519680371
fipunto1 : = 6.9099808107845E+18
fi_gradi : = 29037.225854354
t1 : = 1.0812536237503E-14
tpunto1 : = 1.003230459791
tduepunti0 : = -4.3253630381202E+16
v=v_elettrone : = 15370599.812146
x0= : -6.9518139222271E-13
y0= : -1.0778556011729E-12
*****
i=60434
k(60434)=0.99912778535351
kQ(60434)=0.99825633146541
r1= : 1.2855350898694E-12
rpunto1: = 12518491.671035
rduepunti0 : = -9.2337563930915E+25
fil : = 506.79600719723
fipunto1 : = 6.8941659179331E+18
fi_gradi : = 29037.272286483
t1 : = 1.081253635516E-14
tpunto1 : = 1.0032254030958
tduepunti0 : = -4.3116912279035E+16
v=v_elettrone : = 15355838.519536
x0= : -6.9510179731236E-13
y0= : -1.0796564869389E-12
*****
i=60435
k(60435)=0.99912929208784
kQ(60435)=0.99825934230796
r1= : 1.2870032422151E-12
rpunto1: = 12507678.981798
rduepunti0 : = -9.219653570715E+25
fil : = 506.796815736
fipunto1 : = 6.8784188785196E+18
fi_gradi : = 29037.318612342
t1 : = 1.0812536472817E-14
tpunto1 : = 1.0032203623579
tduepunti0 : = -4.2980850085106E+16
v=v_elettrone : = 15341109.734998
x0= : -6.9502106176566E-13
y0= : -1.0814555890039E-12
*****
i=60436
k(60436)=0.9991307952221
kQ(60436)=0.99826234596115
r1= : 1.2884701264627E-12
rpunto1: = 12496882.789349
rduepunti0 : = -9.2055872573504E+25
fil : = 506.79762242798
fipunto1 : = 6.8627392842959E+18
fi_gradi : = 29037.364832388
t1 : = 1.0812536590473E-14
tpunto1 : = 1.0032153375007
tduepunti0 : = -4.2845439576877E+16
v=v_elettrone : = 15326413.328437
x0= : -6.9493918962381E-13
y0= : -1.0832529105417E-12
```

```
*****
i=60437
k(60437)=0.99913229476818
kQ(60437)=0.99826534244874
r1= : 1.2899357445469E-12
rpunto1: = 12486103.050969
rduepunti0 : = -9.1915573694402E+25
fil : = 506.79842728107
fipunto1 : = 6.8471267301575E+18
fi_gradi : = 29037.410947073
t1 : = 1.0812536708129E-14
tpunto1 : = 1.0032103284484
tduepunti0 : = -4.2710676565635E+16
v=v_elettrone : = 15311749.169574
x0= : -6.9485618490767E-13
y0= : -1.0850484547164E-12
*****
i=60438
k(60438)=0.99913379073796
kQ(60438)=0.99826833179441
r1= : 1.2914000983976E-12
rpunto1: = 12475339.724038
rduepunti0 : = -9.1775638230623E+25
fil : = 506.79923030315
fipunto1 : = 6.8315808141141E+18
fi_gradi : = 29037.456956849
t1 : = 1.0812536825784E-14
tpunto1 : = 1.0032053351254
tduepunti0 : = -4.2576556896169E+16
v=v_elettrone : = 15297117.129424
x0= : -6.9477205161799E-13
y0= : -1.0868422246814E-12
*****
i=60439
k(60439)=0.99913528314325
kQ(60439)=0.99827131402174
r1= : 1.2928631899393E-12
rpunto1: = 12464592.766033
rduepunti0 : = -9.1636065339426E+25
fil : = 506.80003150202
fipunto1 : = 6.8161011372611E+18
fi_gradi : = 29037.502862163
t1 : = 1.0812536943439E-14
tpunto1 : = 1.0032003574569
tduepunti0 : = -4.2443076446453E+16
v=v_elettrone : = 15282517.07884
x0= : -6.9468679373547E-13
y0= : -1.0886342235805E-12
*****
i=60440
k(60440)=0.99913677199583
kQ(60440)=0.99827428915424
r1= : 1.2943250210918E-12
rpunto1: = 12453862.134531
rduepunti0 : = -9.1496854174675E+25
fil : = 506.80083088546
fipunto1 : = 6.8006873037501E+18
fi_gradi : = 29037.54866346
t1 : = 1.0812537061093E-14
tpunto1 : = 1.0031953953683
tduepunti0 : = -4.2310231127327E+16
v=v_elettrone : = 15267948.890364
x0= : -6.9460041522105E-13
y0= : -1.0904244545473E-12
```



```
*****
i=60441
k(60441)=0.99913825730743
kQ(60441)=0.99827725721532
r1= : 1.2957855937699E-12
rpunto1: = 12443147.78721
rduepunti0 : = -9.1358003886958E+25
fil : = 506.80162846118
fipunto1 : = 6.7853389207611E+18
fi_gradi : = 29037.594361183
t1 : = 1.0812537178747E-14
tpunto1 : = 1.0031904487856
tduepunti0 : = -4.2178016882189E+16
v=v_elettrone : = 15253412.437142
x0= : -6.9451292001589E-13
y0= : -1.0922129207051E-12
*****
i=60442
k(60442)=0.99913973908974
kQ(60442)=0.99828021822831
r1= : 1.2972449098833E-12
rpunto1: = 12432449.681846
rduepunti0 : = -9.1219513623709E+25
fil : = 506.80242423686
fipunto1 : = 6.7700555984743E+18
fi_gradi : = 29037.639955771
t1 : = 1.0812537296399E-14
tpunto1 : = 1.0031855176352
tduepunti0 : = -4.2046429686684E+16
v=v_elettrone : = 15238907.592226
x0= : -6.9442431204147E-13
y0= : -1.0939996251678E-12
*****
i=60443
k(60443)=0.99914121735441
kQ(60443)=0.99828317221645
r1= : 1.2987029713369E-12
rpunto1: = 12421767.776316
rduepunti0 : = -9.1081382529328E+25
fil : = 506.80321822013
fipunto1 : = 6.7548369500423E+18
fi_gradi : = 29037.685447661
t1 : = 1.0812537414052E-14
tpunto1 : = 1.0031806018442
tduepunti0 : = -4.1915465548401E+16
v=v_elettrone : = 15224434.230391
x0= : -6.9433459519993E-13
y0= : -1.0957845710388E-12
*****
i=60444
k(60444)=0.99914269211305
kQ(60444)=0.99828611920291
r1= : 1.3001597800306E-12
rpunto1: = 12411102.028598
rduepunti0 : = -9.094360974529E+25
fil : = 506.80401041858
fipunto1 : = 6.7396825915626E+18
fi_gradi : = 29037.730837289
t1 : = 1.0812537531703E-14
tpunto1 : = 1.0031757013399
tduepunti0 : = -4.1785120506572E+16
v=v_elettrone : = 15209992.226343
x0= : -6.9424377337396E-13
y0= : -1.0975677614119E-12
```

```
*****
i=60445
k(60445)=0.99914416337721
kQ(60445)=0.99828905921075
r1= : 1.3016153378593E-12
rpunto1: = 12400452.396771
rduepunti0 : = -9.0806194410262E+25
fil : = 506.80480083975
fipunto1 : = 6.7245921420503E+18
fi_gradi : = 29037.776125086
t1 : = 1.0812537649354E-14
tpunto1 : = 1.0031708160501
tduepunti0 : = -4.1655390631771E+16
v=v_elettrone : = 15195581.45619
x0= : -6.941518504271E-13
y0= : -1.099349199371E-12
*****
i=60446
k(60446)=0.99914563115842
kQ(60446)=0.99829199226296
r1= : 1.3030696467131E-12
rpunto1: = 12389818.839015
rduepunti0 : = -9.0669135660214E+25
fil : = 506.80558949113
fipunto1 : = 6.7095652234115E+18
fi_gradi : = 29037.821311482
t1 : = 1.0812537767005E-14
tpunto1 : = 1.0031659459032
tduepunti0 : = -4.152627202562E+16
v=v_elettrone : = 15181201.795636
x0= : -6.9405883020372E-13
y0= : -1.1011288879903E-12
*****
i=60447
k(60447)=0.99914709546815
kQ(60447)=0.99829491838244
r1= : 1.3045227084771E-12
rpunto1: = 12379201.313613
rduepunti0 : = -9.0532432628524E+25
fil : = 506.80637638017
fipunto1 : = 6.6946014604167E+18
fi_gradi : = 29037.866396903
t1 : = 1.0812537884655E-14
tpunto1 : = 1.0031610908279
tduepunti0 : = -4.1397760820498E+16
v=v_elettrone : = 15166853.122538
x0= : -6.9396471652936E-13
y0= : -1.102906830334E-12
*****
i=60448
k(60448)=0.99914855631784
kQ(60448)=0.99829783759202
r1= : 1.3059745250317E-12
rpunto1: = 12368599.778946
rduepunti0 : = -9.0396084446089E+25
fil : = 506.80716151429
fipunto1 : = 6.6797004806742E+18
fi_gradi : = 29037.911381774
t1 : = 1.0812538002304E-14
tpunto1 : = 1.0031562507534
tduepunti0 : = -4.1269853179254E+16
v=v_elettrone : = 15152535.31439
x0= : -6.9386951321058E-13
y0= : -1.1046830294566E-12
```

```
*****
i=60449
k(60449)=0.99915001371888
kQ(60449)=0.99830074991443
r1= : 1.3074250982521E-12
rpunto1: = 12358014.193503
rduepunti0 : = -9.0260090241429E+25
fil : = 506.80794490083
fipunto1 : = 6.6648619146042E+18
fi_gradi : = 29037.956266516
t1 : = 1.0812538119953E-14
tpunto1 : = 1.0031514256095
tduepunti0 : = -4.1142545294915E+16
v=v_elettrone : = 15138248.249765
x0= : -6.9377322403527E-13
y0= : -1.1064574884032E-12
*****
i=60450
k(60450)=0.99915146768261
kQ(60450)=0.99830365537232
r1= : 1.3088744300089E-12
rpunto1: = 12347444.51587
rduepunti0 : = -9.0124449140785E+25
fil : = 506.80872654713
fipunto1 : = 6.6500853954134E+18
fi_gradi : = 29038.00105155
t1 : = 1.0812538237602E-14
tpunto1 : = 1.0031466153261
tduepunti0 : = -4.1015833390412E+16
v=v_elettrone : = 15123991.807269
x0= : -6.9367585277272E-13
y0= : -1.1082302102089E-12
*****
i=60451
k(60451)=0.99915291822035
kQ(60451)=0.99830655398825
r1= : 1.3103225221677E-12
rpunto1: = 12336890.70474
rduepunti0 : = -8.9989160268224E+25
fil : = 506.80950646045
fipunto1 : = 6.6353705590689E+18
fi_gradi : = 29038.045737292
t1 : = 1.0812538355249E-14
tpunto1 : = 1.0031418198339
tduepunti0 : = -4.0889713718293E+16
v=v_elettrone : = 15109765.867728
x0= : -6.9357740317381E-13
y0= : -1.1100011978993E-12
*****
i=60452
k(60452)=0.99915436534336
kQ(60452)=0.9983094457847
r1= : 1.3117693765893E-12
rpunto1: = 12326352.718906
rduepunti0 : = -8.9854222745739E+25
fil : = 506.81028464804
fipunto1 : = 6.6207170442738E+18
fi_gradi : = 29038.090324157
t1 : = 1.0812538472897E-14
tpunto1 : = 1.0031370390638
tduepunti0 : = -4.0764182560452E+16
v=v_elettrone : = 15095570.310547
x0= : -6.9347787897093E-13
y0= : -1.1117704544905E-12
```

```
*****
i=60453
k(60453)=0.99915580906287
kQ(60453)=0.99831233078408
r1= : 1.3132149951298E-12
rpunto1: = 12315830.517266
rduepunti0 : = -8.9719635693339E+25
fil : = 506.81106111709
fipunto1 : = 6.6061244924413E+18
fi_gradi : = 29038.134812556
t1 : = 1.0812538590543E-14
tpunto1 : = 1.0031322729473
tduepunti0 : = -4.0639236227853E+16
v=v_elettrone : = 15081405.017756
x0= : -6.9337728387837E-13
y0= : -1.1135379829889E-12
*****
i=60454
k(60454)=0.99915724939005
kQ(60454)=0.99831520900869
r1= : 1.3146593796401E-12
rpunto1: = 12305324.05882
rduepunti0 : = -8.9585398229151E+25
fil : = 506.81183587473
fipunto1 : = 6.591592547671E+18
fi_gradi : = 29038.179202899
t1 : = 1.0812538708189E-14
tpunto1 : = 1.0031275214162
tduepunti0 : = -4.0514871060259E+16
v=v_elettrone : = 15067269.870352
x0= : -6.932756215922E-13
y0= : -1.1153037863917E-12
*****
i=60455
k(60455)=0.99915868633605
kQ(60455)=0.99831808048078
r1= : 1.3161025319668E-12
rpunto1: = 12294833.302673
rduepunti0 : = -8.9451509469509E+25
fil : = 506.81260892809
fipunto1 : = 6.5771208567238E+18
fi_gradi : = 29038.223495594
t1 : = 1.0812538825835E-14
tpunto1 : = 1.0031227844027
tduepunti0 : = -4.0391083425967E+16
v=v_elettrone : = 15053164.751262
x0= : -6.9317289579059E-13
y0= : -1.1170678676862E-12
*****
i=60456
k(60456)=0.99916011991196
kQ(60456)=0.99832094522248
r1= : 1.3175444539512E-12
rpunto1: = 12284358.208033
rduepunti0 : = -8.9317968529047E+25
fil : = 506.81338028423
fipunto1 : = 6.5627090689984E+18
fi_gradi : = 29038.267691045
t1 : = 1.081253894348E-14
tpunto1 : = 1.0031180618396
tduepunti0 : = -4.0267869721541E+16
v=v_elettrone : = 15039089.543874
x0= : -6.9306911013376E-13
y0= : -1.1188302298507E-12
```

```

*****
i=60457
k(60457)=0.99916155012884
kQ(60457)=0.99832380325586
r1= : 1.3189851474303E-12
rpunto1 : = 12273898.734212
rduepunti0 : = -8.9184774520787E+25
fil : = 506.81414995018
fipunto1 : = 6.5483568365066E+18
fi_gradi : = 29038.311789656
t1 : = 1.0812539061124E-14
tpunto1 : = 1.0031133536599
tduepunti0 : = -4.0145226371549E+16
v=v_elettrone : = 15025044.131317
x0= : -6.9296426826411E-13
y0= : -1.1205908758538E-12
*****
i=60458
k(60458)=0.9991629769977
kQ(60458)=0.99832665460291
r1= : 1.3204246142359E-12
rpunto1 : = 12263454.840627
rduepunti0 : = -8.905192655623E+25
fil : = 506.81491793291
fipunto1 : = 6.5340638138506E+18
fi_gradi : = 29038.355791825
t1 : = 1.0812539178768E-14
tpunto1 : = 1.0031086597971
tduepunti0 : = -4.0023149828307E+16
v=v_elettrone : = 15011028.397962
x0= : -6.9285837380648E-13
y0= : -1.122349808655E-12
*****
i=60459
k(60459)=0.99916440052952
kQ(60459)=0.99832949928552
r1= : 1.3218628561954E-12
rpunto1 : = 12253026.486798
rduepunti0 : = -8.8919423745435E+25
fil : = 506.81568423938
fipunto1 : = 6.5198296581988E+18
fi_gradi : = 29038.399697951
t1 : = 1.0812539296411E-14
tpunto1 : = 1.0031039801853
tduepunti0 : = -3.9901636571622E+16
v=v_elettrone : = 14997042.229409
x0= : -6.9275143036819E-13
y0= : -1.1241070312043E-12
*****
i=60460
k(60460)=0.99916582073524
kQ(60460)=0.99833233732552
r1= : 1.3232998751311E-12
rpunto1 : = 12242613.632351
rduepunti0 : = -8.8787265197114E+25
fil : = 506.81644887648
fipunto1 : = 6.5056540292632E+18
fi_gradi : = 29038.44350843
t1 : = 1.0812539414054E-14
tpunto1 : = 1.0030993147588
tduepunti0 : = -3.9780683108536E+16
v=v_elettrone : = 14983085.510684
x0= : -6.9264344153901E-13
y0= : -1.1258625464425E-12

```

```
*****
i=60461
k(60461)=0.99916723762573
kQ(60461)=0.99833516874464
r1= : 1.3247356728609E-12
rpunto1 : = 12232216.237016
rduepunti0 : = -8.8655450018703E+25
fil : = 506.81721185109
fipunto1 : = 6.4915365892764E+18
fi_gradi : = 29038.487223655
t1 : = 1.0812539531696E-14
tpunto1 : = 1.0030946634523
tduepunti0 : = -3.9660285973077E+16
v=v_elettrone : = 14969158.128814
x0= : -6.9253441089151E-13
y0= : -1.1276163573011E-12
*****
i=60462
k(60462)=0.99916865121186
kQ(60462)=0.99833799356453
r1= : 1.3261702511977E-12
rpunto1 : = 12221834.260628
rduepunti0 : = -8.8523977316454E+25
fil : = 506.81797317001
fipunto1 : = 6.4774770029688E+18
fi_gradi : = 29038.530844016
t1 : = 1.0812539649338E-14
tpunto1 : = 1.003090026201
tduepunti0 : = -3.9540441726012E+16
v=v_elettrone : = 14955259.96953
x0= : -6.9242434198093E-13
y0= : -1.1293684667027E-12
*****
i=60463
k(60463)=0.99917006150443
kQ(60463)=0.99834081180677
r1= : 1.3276036119499E-12
rpunto1 : = 12211467.663126
rduepunti0 : = -8.8392846195506E+25
fil : = 506.81873284005
fipunto1 : = 6.4634749375462E+18
fi_gradi : = 29038.574369904
t1 : = 1.0812539766979E-14
tpunto1 : = 1.0030854029404
tduepunti0 : = -3.9421146954598E+16
v=v_elettrone : = 14941390.92134
x0= : -6.9231323834561E-13
y0= : -1.1311188775602E-12
*****
i=60464
k(60464)=0.99917146851421
kQ(60464)=0.99834362349284
r1= : 1.3290357569211E-12
rpunto1 : = 12201116.404556
rduepunti0 : = -8.8262055759968E+25
fil : = 506.81949086795
fipunto1 : = 6.449530062668E+18
fi_gradi : = 29038.617801703
t1 : = 1.0812539884619E-14
tpunto1 : = 1.0030807936064
tduepunti0 : = -3.9302398272342E+16
v=v_elettrone : = 14927550.872214
x0= : -6.9220110350671E-13
y0= : -1.1328675927779E-12
```

```
*****
i=60465
k(60465)=0.99917287225193
kQ(60465)=0.99834642864417
r1= : 1.3304666879102E-12
rpunto1 : = 12190780.445067
rduepunti0 : = -8.8131605112994E+25
fil : = 506.82024726041
fipunto1 : = 6.4356420504248E+18
fi_gradi : = 29038.661139798
t1 : = 1.0812540002259E-14
tpunto1 : = 1.0030761981356
tduepunti0 : = -3.9184192318759E+16
v=v_elettrone : = 14913739.710334
x0= : -6.9208794096856E-13
y0= : -1.1346146152508E-12
*****
i=60466
k(60466)=0.99917427272827
kQ(60466)=0.99834922728207
r1= : 1.3318964067115E-12
rpunto1 : = 12180459.744915
rduepunti0 : = -8.8001493356856E+25
fil : = 506.8210020241
fipunto1 : = 6.4218105753169E+18
fi_gradi : = 29038.704384572
t1 : = 1.0812540119899E-14
tpunto1 : = 1.0030716164645
tduepunti0 : = -3.9066525759134E+16
v=v_elettrone : = 14899957.325601
x0= : -6.9197375421882E-13
y0= : -1.1363599478647E-12
*****
i=60467
k(60467)=0.99917566995389
kQ(60467)=0.9983520194278
r1= : 1.3333249151145E-12
rpunto1 : = 12170154.26446
rduepunti0 : = -8.7871719593021E+25
fil : = 506.82175516565
fipunto1 : = 6.4080353142328E+18
fi_gradi : = 29038.747536405
t1 : = 1.0812540237538E-14
tpunto1 : = 1.0030670485303
tduepunti0 : = -3.8949395284287E+16
v=v_elettrone : = 14886203.60739
x0= : -6.9185854672835E-13
y0= : -1.1381035934966E-12
*****
i=60468
k(60468)=0.99917706393938
kQ(60468)=0.99835480510253
r1= : 1.3347522149043E-12
rpunto1 : = 12159863.964169
rduepunti0 : = -8.774228292222E+25
fil : = 506.82250669166
fipunto1 : = 6.3943159464279E+18
fi_gradi : = 29038.790595673
t1 : = 1.0812540355176E-14
tpunto1 : = 1.0030624942705
tduepunti0 : = -3.8832797610342E+16
v=v_elettrone : = 14872478.446473
x0= : -6.9174232195159E-13
y0= : -1.1398455550145E-12
```

```
*****
i=60469
k(60469)=0.99917845469532
kQ(60469)=0.99835758432734
r1= : 1.3361783078611E-12
rpunto1 : = 12149588.804614
rduepunti0 : = -8.7613182444521E+25
fil : = 506.82325660868
fipunto1 : = 6.3806521535037E+18
fi_gradi : = 29038.833562753
t1 : = 1.0812540472814E-14
tpunto1 : = 1.0030579536231
tduepunti0 : = -3.8716729478493E+16
v=v_elettrone : = 14858781.734221
x0= : -6.9162508332645E-13
y0= : -1.1415858352773E-12
*****
i=60470
k(60470)=0.99917984223224
kQ(60470)=0.99836035712324
r1= : 1.3376031957607E-12
rpunto1 : = 12139328.746471
rduepunti0 : = -8.7484417259397E+25
fil : = 506.82400492323
fipunto1 : = 6.3670436193865E+18
fi_gradi : = 29038.876438018
t1 : = 1.0812540590451E-14
tpunto1 : = 1.0030534265262
tduepunti0 : = -3.8601187654779E+16
v=v_elettrone : = 14845113.362314
x0= : -6.9150683427446E-13
y0= : -1.1433244371351E-12
*****
i=60471
k(60471)=0.99918122656061
kQ(60471)=0.99836312351116
r1= : 1.339026880374E-12
rpunto1 : = 12129083.750523
rduepunti0 : = -8.7355986465792E+25
fil : = 506.82475164178
fipunto1 : = 6.3534900303073E+18
fi_gradi : = 29038.91922184
t1 : = 1.0812540708088E-14
tpunto1 : = 1.0030489129186
tduepunti0 : = -3.8486168929856E+16
v=v_elettrone : = 14831473.222318
x0= : -6.9138757820091E-13
y0= : -1.1450613634293E-12
*****
i=60472
k(60472)=0.99918260769089
kQ(60472)=0.99836588351196
r1= : 1.3404493634675E-12
rpunto1 : = 12118853.77766
rduepunti0 : = -8.7227889162191E+25
fil : = 506.82549677079
fipunto1 : = 6.3399910747811E+18
fi_gradi : = 29038.961914588
t1 : = 1.0812540825724E-14
tpunto1 : = 1.0030444127393
tduepunti0 : = -3.8371670118776E+16
v=v_elettrone : = 14817861.207976
x0= : -6.9126731849507E-13
y0= : -1.1467966169922E-12
```



```

*****
i=60473
k(60473)=0.99918398563347
kQ(60473)=0.9983686371464
r1= : 1.3418706468033E-12
rpunto1: = 12108638.788876
rduepunti0 : = -8.7100124446682E+25
fil : = 506.82624031666
fipunto1 : = 6.3265464435868E+18
fi_gradi : = 29039.004516628
t1 : = 1.081254094336E-14
tpunto1 : = 1.0030399259276
tduepunti0 : = -3.8257688060764E+16
v=v_elettrone : = 14804277.212215
x0= : -6.9114605853E-13
y0= : -1.1485302006473E-12
*****
i=60474
k(60474)=0.99918536039874
kQ(60474)=0.99837138443517
r1= : 1.3432907321384E-12
rpunto1: = 12098438.745271
rduepunti0 : = -8.6972691417021E+25
fil : = 506.82698228576
fipunto1 : = 6.3131558297474E+18
fi_gradi : = 29039.047028326
t1 : = 1.0812541060995E-14
tpunto1 : = 1.0030354524234
tduepunti0 : = -3.8144219619001E+16
v=v_elettrone : = 14790721.129028
x0= : -6.9102380166293E-13
y0= : -1.1502621172096E-12
*****
i=60475
k(60475)=0.99918673199702
kQ(60475)=0.99837412539888
r1= : 1.3447096212258E-12
rpunto1: = 12088253.608051
rduepunti0 : = -8.6845589170698E+25
fil : = 506.82772268443
fipunto1 : = 6.2998189285099E+18
fi_gradi : = 29039.089450045
t1 : = 1.081254117863E-14
tpunto1 : = 1.0030309921667
tduepunti0 : = -3.8031261680407E+16
v=v_elettrone : = 14777192.85312
x0= : -6.9090055123522E-13
y0= : -1.1519923694851E-12
*****
i=60476
k(60476)=0.99918810043859
kQ(60476)=0.99837686005807
r1= : 1.3461273158137E-12
rpunto1: = 12078083.338529
rduepunti0 : = -8.671881680499E+25
fil : = 506.82846151896
fipunto1 : = 6.2865354373261E+18
fi_gradi : = 29039.131782145
t1 : = 1.0812541296264E-14
tpunto1 : = 1.0030265450981
tduepunti0 : = -3.7918811155426E+16
v=v_elettrone : = 14763692.279903
x0= : -6.9077631057251E-13
y0= : -1.1537209602712E-12

```

```
*****
i=60477
k(60477)=0.9991894657337
kQ(60477)=0.9983795884332
r1= : 1.3475438176456E-12
rpunto1: = 12067927.898122
rduepunti0 : = -8.6592373417029E+25
fil : = 506.82919879562
fipunto1 : = 6.273305055833E+18
fi_gradi : = 29039.174024986
t1 : = 1.0812541413898E-14
tpunto1 : = 1.0030221111584
tduepunti0 : = -3.7806864977816E+16
v=v_elettrone : = 14750219.304406
x0= : -6.906510829847E-13
y0= : -1.1554478923568E-12
*****
i=60478
k(60478)=0.99919082789257
kQ(60478)=0.99838231054463
r1= : 1.3489591284607E-12
rpunto1: = 12057787.248355
rduepunti0 : = -8.6466258103856E+25
fil : = 506.82993452064
fipunto1 : = 6.2601274858338E+18
fi_gradi : = 29039.216178925
t1 : = 1.0812541531531E-14
tpunto1 : = 1.0030176902888
tduepunti0 : = -3.7695420104439E+16
v=v_elettrone : = 14736773.823511
x0= : -6.905248717663E-13
y0= : -1.1571731685218E-12
*****
i=60479
k(60479)=0.99919218692536
kQ(60479)=0.99838502641268
r1= : 1.3503732499936E-12
rpunto1: = 12047661.350856
rduepunti0 : = -8.6340469962483E+25
fil : = 506.83066870021
fipunto1 : = 6.2470024312787E+18
fi_gradi : = 29039.258244315
t1 : = 1.0812541649163E-14
tpunto1 : = 1.0030132824308
tduepunti0 : = -3.7584473515053E+16
v=v_elettrone : = 14723355.733734
x0= : -6.9039768019624E-13
y0= : -1.158896791538E-12
*****
i=60480
k(60480)=0.99919354284221
kQ(60480)=0.99838773605757
r1= : 1.3517861839746E-12
rpunto1: = 12037550.167362
rduepunti0 : = -8.6215008089943E+25
fil : = 506.83140134049
fipunto1 : = 6.2339295982466E+18
fi_gradi : = 29039.300221511
t1 : = 1.0812541766795E-14
tpunto1 : = 1.0030088875265
tduepunti0 : = -3.7474022212104E+16
v=v_elettrone : = 14709964.932345
x0= : -6.9026951153816E-13
y0= : -1.1606187641682E-12
```

```
*****
i=60481
k(60481)=0.99919489565321
kQ(60481)=0.99839043949943
r1= : 1.3531979321291E-12
rpunto1: = 12027453.659713
rduepunti0 : = -8.6089871583353E+25
fil : = 506.83213244761
fipunto1 : = 6.2209086949259E+18
fi_gradi : = 29039.342110864
t1 : = 1.0812541884427E-14
tpunto1 : = 1.0030045055179
tduepunti0 : = -3.7364063220529E+16
v=v_elettrone : = 14696601.317397
x0= : -6.9014036904044E-13
y0= : -1.1623390891668E-12
*****
i=60482
k(60482)=0.99919624536842
kQ(60482)=0.99839313675835
r1= : 1.3546084961784E-12
rpunto1: = 12017371.789858
rduepunti0 : = -8.5965059539961E+25
fil : = 506.83286202765
fipunto1 : = 6.2079394315967E+18
fi_gradi : = 29039.383912721
t1 : = 1.0812542002058E-14
tpunto1 : = 1.0030001363479
tduepunti0 : = -3.725459358755E+16
v=v_elettrone : = 14683264.787339
x0= : -6.900102559363E-13
y0= : -1.16405776928E-12
*****
i=60483
k(60483)=0.99919759199785
kQ(60483)=0.9983958278543
r1= : 1.3560178778392E-12
rpunto1: = 12007304.51985
rduepunti0 : = -8.5840571057204E+25
fil : = 506.83359008668
fipunto1 : = 6.1950215206122E+18
fi_gradi : = 29039.42562743
t1 : = 1.0812542119689E-14
tpunto1 : = 1.0029957799592
tduepunti0 : = -3.7145610382476E+16
v=v_elettrone : = 14669955.24105
x0= : -6.8987917544385E-13
y0= : -1.1657748072452E-12
*****
i=60484
k(60484)=0.99919893555148
kQ(60484)=0.9983985128072
r1= : 1.3574260788237E-12
rpunto1: = 11997251.811847
rduepunti0 : = -8.5716405232758E+25
fil : = 506.83431663071
fipunto1 : = 6.182154676381E+18
fi_gradi : = 29039.467255337
t1 : = 1.0812542237319E-14
tpunto1 : = 1.0029914362953
tduepunti0 : = -3.7037110696507E+16
v=v_elettrone : = 14656672.577833
x0= : -6.8974713076627E-13
y0= : -1.1674902057916E-12
```

```
*****
i=60485
k(60485)=0.99920027603924
kQ(60485)=0.9984011916369
r1= : 1.3588331008398E-12
rpunto1 : = 11987213.628115
rduepunti0 : = -8.5592561164589E+25
fil : = 506.83504166573
fipunto1 : = 6.1693386153489E+18
fi_gradi : = 29039.508796784
t1 : = 1.0812542354948E-14
tpunto1 : = 1.0029871052997
tduepunti0 : = -3.6929091642539E+16
v=v_elettrone : = 14643416.698175
x0= : -6.896141250919E-13
y0= : -1.1692039676397E-12
*****
i=60486
k(60486)=0.99920161347105
kQ(60486)=0.99840386436315
r1= : 1.3602389455908E-12
rpunto1 : = 11977189.931023
rduepunti0 : = -8.5469037951002E+25
fil : = 506.8357651977
fipunto1 : = 6.1565730559816E+18
fi_gradi : = 29039.550252112
t1 : = 1.0812542472577E-14
tpunto1 : = 1.0029827869164
tduepunti0 : = -3.6821550354969E+16
v=v_elettrone : = 14630187.502278
x0= : -6.894801615942E-13
y0= : -1.1709160955021E-12
*****
i=60487
k(60487)=0.99920294785677
kQ(60487)=0.99840653100565
r1= : 1.3616436147757E-12
rpunto1 : = 11967180.68305
rduepunti0 : = -8.5345834690694E+25
fil : = 506.83648723255
fipunto1 : = 6.1438577187472E+18
fi_gradi : = 29039.591621661
t1 : = 1.0812542590206E-14
tpunto1 : = 1.0029784810897
tduepunti0 : = -3.6714483989507E+16
v=v_elettrone : = 14616984.891538
x0= : -6.8934524343197E-13
y0= : -1.1726265920828E-12
*****
i=60488
k(60488)=0.99920427920621
kQ(60488)=0.998409191584
r1= : 1.3630471100891E-12
rpunto1 : = 11957185.846775
rduepunti0 : = -8.5222950482794E+25
fil : = 506.83720777615
fipunto1 : = 6.1311923260986E+18
fi_gradi : = 29039.632905769
t1 : = 1.0812542707834E-14
tpunto1 : = 1.0029741877642
tduepunti0 : = -3.6607889722987E+16
v=v_elettrone : = 14603808.767082
x0= : -6.892093737494E-13
y0= : -1.1743354600775E-12
```

```
*****
i=60489
k(60489)=0.99920560752917
kQ(60489)=0.99841184611774
r1= : 1.3644494332211E-12
rpunto1 : = 11947205.384887
rduepunti0 : = -8.5100384426917E+25
fil : = 506.83792683437
fipunto1 : = 6.1185766024568E+18
fi_gradi : = 29039.67410477
t1 : = 1.0812542825461E-14
tpunto1 : = 1.0029699068849
tduepunti0 : = -3.6501764753175E+16
v=v_elettrone : = 14590659.031256
x0= : -6.890725556762E-13
y0= : -1.1760427021737E-12
*****
i=60490
k(60490)=0.9992069328354
kQ(60490)=0.99841449462633
r1= : 1.3658505858576E-12
rpunto1 : = 11937239.26018
rduepunti0 : = -8.4978135623207E+25
fil : = 506.83864441304
fipunto1 : = 6.1060102741936E+18
fi_gradi : = 29039.715218999
t1 : = 1.0812542943088E-14
tpunto1 : = 1.0029656383971
tduepunti0 : = -3.6396106298591E+16
v=v_elettrone : = 14577535.586914
x0= : -6.8893479232762E-13
y0= : -1.1777483210508E-12
*****
i=60491
k(60491)=0.99920825513461
kQ(60491)=0.99841713712916
r1= : 1.36725056968E-12
rpunto1 : = 11927287.435551
rduepunti0 : = -8.4856203172381E+25
fil : = 506.83936051795
fipunto1 : = 6.0934930696151E+18
fi_gradi : = 29039.756248788
t1 : = 1.0812543060715E-14
tpunto1 : = 1.0029613822464
tduepunti0 : = -3.6290911598322E+16
v=v_elettrone : = 14564438.337012
x0= : -6.8879608680456E-13
y0= : -1.1794523193798E-12
*****
i=60492
k(60492)=0.99920957443648
kQ(60492)=0.99841977364554
r1= : 1.3686493863655E-12
rpunto1 : = 11917349.874004
rduepunti0 : = -8.4734586175774E+25
fil : = 506.84007515486
fipunto1 : = 6.081024718945E+18
fi_gradi : = 29039.797194467
t1 : = 1.0812543178341E-14
tpunto1 : = 1.0029571383788
tduepunti0 : = -3.6186177911839E+16
v=v_elettrone : = 14551367.185033
x0= : -6.8865644219365E-13
y0= : -1.1811546998237E-12
```

```
*****
i=60493
k(60493)=0.99921089075065
kQ(60493)=0.9984224041947
r1= : 1.3700470375867E-12
rpunto1: = 11907426.538649
rduepunti0 : = -8.4613283735382E+25
fil : = 506.84078832949
fipunto1 : = 6.068604954308E+18
fi_gradi : = 29039.838056363
t1 : = 1.0812543295966E-14
tpunto1 : = 1.0029529067404
tduepunti0 : = -3.608190251882E+16
v=v_elettrone : = 14538322.03572
x0= : -6.8851586156744E-13
y0= : -1.1828554650373E-12
*****
i=60494
k(60494)=0.99921220408671
kQ(60494)=0.99842502879582
r1= : 1.3714435250121E-12
rpunto1: = 11897517.3927
rduepunti0 : = -8.4492294953904E+25
fil : = 506.84150004755
fipunto1 : = 6.056233509714E+18
fi_gradi : = 29039.878834804
t1 : = 1.0812543413591E-14
tpunto1 : = 1.0029486872779
tduepunti0 : = -3.5978082718974E+16
v=v_elettrone : = 14525302.792838
x0= : -6.8837434798424E-13
y0= : -1.1845546176674E-12
*****
i=60495
k(60495)=0.99921351445423
kQ(60495)=0.99842764746797
r1= : 1.3728388503058E-12
rpunto1: = 11887622.399477
rduepunti0 : = -8.4371618934781E+25
fil : = 506.8422103147
fipunto1 : = 6.0439101210412E+18
fi_gradi : = 29039.919530114
t1 : = 1.0812543531216E-14
tpunto1 : = 1.0029444799381
tduepunti0 : = -3.587471583186E+16
v=v_elettrone : = 14512309.36221
x0= : -6.8823190448855E-13
y0= : -1.1862521603527E-12
*****
i=60496
k(60496)=0.99921482186274
kQ(60496)=0.99843026023019
r1= : 1.3742330151276E-12
rpunto1: = 11877741.522405
rduepunti0 : = -8.4251254782241E+25
fil : = 506.84291913658
fipunto1 : = 6.0316345260212E+18
fi_gradi : = 29039.960142617
t1 : = 1.081254364884E-14
tpunto1 : = 1.0029402846682
tduepunti0 : = -3.5771799196717E+16
v=v_elettrone : = 14499341.649047
x0= : -6.8808853411085E-13
y0= : -1.1879480957239E-12
```

```
*****
i=60497
k(60497)=0.99921612632173
kQ(60497)=0.9984328671014
r1= : 1.3756260211331E-12
rpunto1: = 11867874.725013
rduepunti0 : = -8.4131201601334E+25
fil : = 506.8436265188
fipunto1 : = 6.0194064642222E+18
fi_gradi : = 29040.000672632
t1 : = 1.0812543766463E-14
tpunto1 : = 1.0029361014158
tduepunti0 : = -3.5669330172292E+16
v=v_elettrone : = 14486399.559525
x0= : -6.8794423986786E-13
y0= : -1.1896424264035E-12
*****
i=60498
k(60498)=0.99921742784065
kQ(60498)=0.99843546810049
r1= : 1.3770178699734E-12
rpunto1: = 11858021.970935
rduepunti0 : = -8.4011458497971E+25
fil : = 506.84433246692
fipunto1 : = 6.007225677034E+18
fi_gradi : = 29040.04112048
t1 : = 1.0812543884086E-14
tpunto1 : = 1.0029319301286
tduepunti0 : = -3.5567306136665E+16
v=v_elettrone : = 14473483.000364
x0= : -6.8779902476254E-13
y0= : -1.1913351550064E-12
*****
i=60499
k(60499)=0.99921872642892
kQ(60499)=0.99843806324624
r1= : 1.3784085632957E-12
rpunto1: = 11848183.223911
rduepunti0 : = -8.3892024578965E+25
fil : = 506.8450369865
fipunto1 : = 5.9950919076524E+18
fi_gradi : = 29040.081486479
t1 : = 1.0812544001709E-14
tpunto1 : = 1.0029277707547
tduepunti0 : = -3.5465724487085E+16
v=v_elettrone : = 14460591.878861
x0= : -6.8765289178418E-13
y0= : -1.1930262841392E-12
*****
i=60500
k(60500)=0.99922002209593
kQ(60500)=0.99844065255738
r1= : 1.3797981027426E-12
rpunto1: = 11838358.447786
rduepunti0 : = -8.3772898952063E+25
fil : = 506.84574008305
fipunto1 : = 5.9830049010638E+18
fi_gradi : = 29040.121770943
t1 : = 1.0812544119331E-14
tpunto1 : = 1.0029236232427
tduepunti0 : = -3.5364582639801E+16
v=v_elettrone : = 14447726.102533
x0= : -6.8750584390847E-13
y0= : -1.194715816401E-12
```

```
*****
i=60501
k(60501)=0.99922131485101
kQ(60501)=0.99844323605258
r1= : 1.3811864899525E-12
rpunto1 : = 11828547.606506
rduepunti0 : = -8.3654080725987E+25
fil : = 506.84644176204
fipunto1 : = 5.9709644040299E+18
fi_gradi : = 29040.161974188
t1 : = 1.0812544236953E-14
tpunto1 : = 1.0029194875412
tduepunti0 : = -3.5263878029895E+16
v=v_elettrone : = 14434885.579083
x0= : -6.8735788409762E-13
y0= : -1.1964037543826E-12
*****
i=60502
k(60502)=0.99922260470347
kQ(60502)=0.9984458137504
r1= : 1.3825737265598E-12
rpunto1 : = 11818750.664126
rduepunti0 : = -8.3535569010466E+25
fil : = 506.84714202895
fipunto1 : = 5.9589701650732E+18
fi_gradi : = 29040.202096526
t1 : = 1.0812544354574E-14
tpunto1 : = 1.0029153635991
tduepunti0 : = -3.516360811112E+16
v=v_elettrone : = 14422070.216833
x0= : -6.8720901530046E-13
y0= : -1.1980901006673E-12
*****
i=60503
k(60503)=0.9992238916626
kQ(60503)=0.99844838566935
r1= : 1.3839598141945E-12
rpunto1 : = 11808967.584802
rduepunti0 : = -8.341736291627E+25
fil : = 506.84784088918
fipunto1 : = 5.9470219344614E+18
fi_gradi : = 29040.242138268
t1 : = 1.0812544472194E-14
tpunto1 : = 1.002911251366
tduepunti0 : = -3.5063770355739E+16
v=v_elettrone : = 14409279.92547
x0= : -6.8705924045256E-13
y0= : -1.1997748578305E-12
*****
i=60504
k(60504)=0.99922517573762
kQ(60504)=0.99845095182788
r1= : 1.3853447544824E-12
rpunto1 : = 11799198.332796
rduepunti0 : = -8.3299461555247E+25
fil : = 506.84853834814
fipunto1 : = 5.9351194641933E+18
fi_gradi : = 29040.282099723
t1 : = 1.0812544589814E-14
tpunto1 : = 1.0029071507913
tduepunti0 : = -3.4964362254362E+16
v=v_elettrone : = 14396514.614166
x0= : -6.8690856247608E-13
y0= : -1.2014580284398E-12
```



```
*****
i=60505
k(60505)=0.99922645693774
kQ(60505)=0.99845351224436
r1= : 1.3867285490453E-12
rpunto1 : = 11789442.872472
rduepunti0 : = -8.3181864040354E+25
fil : = 506.8492344112
fipunto1 : = 5.9232625079841E+18
fi_gradi : = 29040.321981199
t1 : = 1.0812544707434E-14
tpunto1 : = 1.0029030618249
tduepunti0 : = -3.4865381315787E+16
v=v_elettrone : = 14383774.192706
x0= : -6.8675698428011E-13
y0= : -1.2031396150549E-12
*****
i=60506
k(60506)=0.99922773527213
kQ(60506)=0.99845606693707
r1= : 1.3881111995005E-12
rpunto1 : = 11779701.168301
rduepunti0 : = -8.3064569485689E+25
fil : = 506.84992908369
fipunto1 : = 5.9114508212505E+18
fi_gradi : = 29040.361783
t1 : = 1.0812544825053E-14
tpunto1 : = 1.0028989844171
tduepunti0 : = -3.4766825066844E+16
v=v_elettrone : = 14371058.571902
x0= : -6.8660450876062E-13
y0= : -1.2048196202282E-12
*****
i=60507
k(60507)=0.99922901074991
kQ(60507)=0.99845861592424
r1= : 1.3894927074613E-12
rpunto1 : = 11769973.184854
rduepunti0 : = -8.2947577006521E+25
fil : = 506.85062237091
fipunto1 : = 5.8996841610972E+18
fi_gradi : = 29040.401505432
t1 : = 1.0812544942672E-14
tpunto1 : = 1.0028949185183
tduepunti0 : = -3.4668691052242E+16
v=v_elettrone : = 14358367.661674
x0= : -6.8645113880052E-13
y0= : -1.2064980465041E-12
*****
i=60508
k(60508)=0.99923028338018
kQ(60508)=0.99846115922403
r1= : 1.390873074537E-12
rpunto1 : = 11760258.88681
rduepunti0 : = -8.2830885719326E+25
fil : = 506.85131427816
fipunto1 : = 5.8879622863021E+18
fi_gradi : = 29040.441148798
t1 : = 1.081254506029E-14
tpunto1 : = 1.0028908640793
tduepunti0 : = -3.4570976834407E+16
v=v_elettrone : = 14345701.374135
x0= : -6.8629687726994E-13
y0= : -1.2081748964193E-12
```

```
*****
i=60509
k(60509)=0.999231553172
kQ(60509)=0.99846369685452
r1= : 1.3922523023325E-12
rpunto1: = 11750558.238947
rduepunti0 : = -8.2714494741811E+25
fil : = 506.85200481069
fipunto1 : = 5.8762849573024E+18
fi_gradi : = 29040.480713397
t1 : = 1.0812545177908E-14
tpunto1 : = 1.0028868210512
tduepunti0 : = -3.4473679993338E+16
v=v_elettrone : = 14333059.620908
x0= : -6.8614172702601E-13
y0= : -1.2098501725031E-12
*****
i=60510
k(60510)=0.99923282013439
kQ(60510)=0.99846622883373
r1= : 1.3936303924487E-12
rpunto1: = 11740871.206149
rduepunti0 : = -8.2598403192947E+25
fil : = 506.85269397371
fipunto1 : = 5.8646519361812E+18
fi_gradi : = 29040.520199529
t1 : = 1.0812545295525E-14
tpunto1 : = 1.0028827893852
tduepunti0 : = -3.4376798126449E+16
v=v_elettrone : = 14320442.313893
x0= : -6.859856909131E-13
y0= : -1.2115238772771E-12
*****
i=60511
k(60511)=0.99923408427636
kQ(60511)=0.99846875517961
r1= : 1.3950073464823E-12
rpunto1: = 11731197.753403
rduepunti0 : = -8.2482610192997E+25
fil : = 506.85338177242
fipunto1 : = 5.8530629866533E+18
fi_gradi : = 29040.559607493
t1 : = 1.0812545413142E-14
tpunto1 : = 1.002878769033
tduepunti0 : = -3.4280328848425E+16
v=v_elettrone : = 14307849.366066
x0= : -6.8582877176292E-13
y0= : -1.2131960132554E-12
*****
i=60512
k(60512)=0.99923534560684
kQ(60512)=0.99847127591002
r1= : 1.396383166026E-12
rpunto1: = 11721537.845798
rduepunti0 : = -8.2367114863544E+25
fil : = 506.854068212
fipunto1 : = 5.8415178740514E+18
fi_gradi : = 29040.598937584
t1 : = 1.0812545530758E-14
tpunto1 : = 1.0028747599465
tduepunti0 : = -3.4184269791069E+16
v=v_elettrone : = 14295280.689925
x0= : -6.8567097239449E-13
y0= : -1.2148665829445E-12
```

```
*****
i=60513
k(60513)=0.99923660413477
kQ(60513)=0.99847379104278
r1= : 1.3977578526684E-12
rpunto1 : = 11711891.448527
rduepunti0 : = -8.2251916327518E+25
fil : = 506.85475329759
fipunto1 : = 5.8300163653135E+18
fi_gradi : = 29040.638190096
t1 : = 1.0812545648374E-14
tpunto1 : = 1.0028707620779
tduepunti0 : = -3.408861860316E+16
v=v_elettrone : = 14282736.199822
x0= : -6.8551229561439E-13
y0= : -1.2165355888433E-12
*****
i=60514
k(60514)=0.99923785986902
kQ(60514)=0.99847630059562
r1= : 1.399131407994E-12
rpunto1 : = 11702258.526885
rduepunti0 : = -8.2137013709223E+25
fil : = 506.85543703429
fipunto1 : = 5.8185582289687E+18
fi_gradi : = 29040.677365324
t1 : = 1.0812545765989E-14
tpunto1 : = 1.0028667753795
tduepunti0 : = -3.3993372950303E+16
v=v_elettrone : = 14270215.808884
x0= : -6.8535274421656E-13
y0= : -1.2182030334436E-12
*****
i=60515
k(60515)=0.99923911281845
kQ(60515)=0.99847880458621
r1= : 1.400503833583E-12
rpunto1 : = 11692639.04627
rduepunti0 : = -8.2022406134363E+25
fil : = 506.85611942719
fipunto1 : = 5.8071432351243E+18
fi_gradi : = 29040.716463557
t1 : = 1.0812545883604E-14
tpunto1 : = 1.0028627998042
tduepunti0 : = -3.3898530514789E+16
v=v_elettrone : = 14257719.432109
x0= : -6.851923209827E-13
y0= : -1.2198689192292E-12
*****
i=60516
k(60516)=0.99924036299189
kQ(60516)=0.99848130303216
r1= : 1.401875131012E-12
rpunto1 : = 11683032.972181
rduepunti0 : = -8.1908092730069E+25
fil : = 506.85680048136
fipunto1 : = 5.7957711554528E+18
fi_gradi : = 29040.755485087
t1 : = 1.0812546001219E-14
tpunto1 : = 1.0028588353048
tduepunti0 : = -3.380408899545E+16
v=v_elettrone : = 14245246.984052
x0= : -6.8503102868204E-13
y0= : -1.2215332486771E-12
```

```
*****
i=60517
k(60517)=0.9992416103981
kQ(60517)=0.99848379595099
r1= : 1.4032453018531E-12
rpunto1: = 11673440.270222
rduepunti0 : = -8.1794072624922E+25
fil : = 506.85748020183
fipunto1 : = 5.784441763179E+18
fi_gradi : = 29040.794430201
t1 : = 1.0812546118833E-14
tpunto1 : = 1.0028548818346
tduepunti0 : = -3.371004610752E+16
v=v_elettrone : = 14232798.379997
x0= : -6.8486887007162E-13
y0= : -1.2231960242564E-12
*****
i=60518
k(60518)=0.99924285504585
kQ(60518)=0.99848628336018
r1= : 1.4046143476747E-12
rpunto1: = 11663860.906095
rduepunti0 : = -8.1680344948977E+25
fil : = 506.8581585936
fipunto1 : = 5.773154833067E+18
fi_gradi : = 29040.833299186
t1 : = 1.0812546236446E-14
tpunto1 : = 1.0028509393472
tduepunti0 : = -3.3616399582496E+16
v=v_elettrone : = 14220373.535569
x0= : -6.8470584789628E-13
y0= : -1.2248572484291E-12
*****
i=60519
k(60519)=0.99924409694384
kQ(60519)=0.99848876527711
r1= : 1.4059822700409E-12
rpunto1: = 11654294.845608
rduepunti0 : = -8.1566908833789E+25
fil : = 506.85883566166
fipunto1 : = 5.7619101414074E+18
fi_gradi : = 29040.872092328
t1 : = 1.0812546354059E-14
tpunto1 : = 1.0028470077963
tduepunti0 : = -3.3523147167995E+16
v=v_elettrone : = 14207972.366764
x0= : -6.8454196488876E-13
y0= : -1.22651692365E-12
*****
i=60520
k(60520)=0.99924533610076
kQ(60520)=0.99849124171913
r1= : 1.4073490705121E-12
rpunto1: = 11644742.054668
rduepunti0 : = -8.1453763412434E+25
fil : = 506.85951141095
fipunto1 : = 5.7507074660052E+18
fi_gradi : = 29040.910809911
t1 : = 1.0812546471672E-14
tpunto1 : = 1.002843087136
tduepunti0 : = -3.3430286627625E+16
v=v_elettrone : = 14195594.790696
x0= : -6.8437722376976E-13
y0= : -1.2281750523662E-12
```

```
*****
i=60521
k(60521)=0.99924657252526
kQ(60521)=0.99849371270349
r1= : 1.4087147506445E-12
rpunto1: = 11635202.499285
rduepunti0 : = -8.1340907819533E+25
fil : = 506.86018584641
fipunto1 : = 5.7395465861668E+18
fi_gradi : = 29040.949452216
t1 : = 1.0812546589284E-14
tpunto1 : = 1.0028391773205
tduepunti0 : = -3.3337815740842E+16
v=v_elettrone : = 14183240.723705
x0= : -6.842116272479E-13
y0= : -1.2298316370179E-12
*****
i=60522
k(60522)=0.99924780622596
kQ(60522)=0.99849617824739
r1= : 1.4100793119903E-12
rpunto1: = 11625676.145568
rduepunti0 : = -8.1228341191273E+25
fil : = 506.86085897293
fipunto1 : = 5.7284272826881E+18
fi_gradi : = 29040.988019525
t1 : = 1.0812546706896E-14
tpunto1 : = 1.0028352783044
tduepunti0 : = -3.324573230282E+16
v=v_elettrone : = 14170910.083264
x0= : -6.8404517802003E-13
y0= : -1.231486680038E-12
*****
i=60523
k(60523)=0.99924903721142
kQ(60523)=0.99849863836796
r1= : 1.4114427560977E-12
rpunto1: = 11616162.959731
rduepunti0 : = -8.1116062665431E+25
fil : = 506.8615307954
fipunto1 : = 5.7173493378418E+18
fi_gradi : = 29041.026512117
t1 : = 1.0812546824507E-14
tpunto1 : = 1.0028313900426
tduepunti0 : = -3.3154034124318E+16
v=v_elettrone : = 14158602.787246
x0= : -6.8387787877112E-13
y0= : -1.233140183852E-12
*****
i=60524
k(60524)=0.99925026549021
kQ(60524)=0.99850109308226
r1= : 1.4128050845112E-12
rpunto1: = 11606662.908084
rduepunti0 : = -8.1004071381389E+25
fil : = 506.86220131866
fipunto1 : = 5.7063125353659E+18
fi_gradi : = 29041.064930269
t1 : = 1.0812546942118E-14
tpunto1 : = 1.0028275124902
tduepunti0 : = -3.3062719031546E+16
v=v_elettrone : = 14146318.753519
x0= : -6.8370973217435E-13
y0= : -1.2347921508783E-12
```

```
*****
i=60525
k(60525)=0.99925149107084
kQ(60525)=0.99850354240729
r1= : 1.414166298771E-12
rpunto1 : = 11597175.957043
rduepunti0 : = -8.0892366480163E+25
fil : = 506.86287054754
fipunto1 : = 5.6953166604513E+18
fi_gradi : = 29041.10327426
t1 : = 1.0812547059728E-14
tpunto1 : = 1.0028236456023
tduepunti0 : = -3.2971784866039E+16
v=v_elettrone : = 14134057.901136
x0= : -6.8354074089128E-13
y0= : -1.2364425835284E-12
*****
i=60526
k(60526)=0.99925271396178
kQ(60526)=0.99850598635999
r1= : 1.4155264004135E-12
rpunto1 : = 11587702.073121
rduepunti0 : = -8.0780947104415E+25
fil : = 506.86353848683
fipunto1 : = 5.6843614997299E+18
fi_gradi : = 29041.141544362
t1 : = 1.0812547177338E-14
tpunto1 : = 1.0028197893347
tduepunti0 : = -3.2881229484522E+16
v=v_elettrone : = 14121820.148765
x0= : -6.8337090757174E-13
y0= : -1.2380914842063E-12
*****
i=60527
k(60527)=0.9992539341715
kQ(60527)=0.99850842495722
r1= : 1.4168853909714E-12
rpunto1 : = 11578241.222931
rduepunti0 : = -8.0669812398477E+25
fil : = 506.86420514132
fipunto1 : = 5.6734468412632E+18
fi_gradi : = 29041.179740851
t1 : = 1.0812547294947E-14
tpunto1 : = 1.0028159436431
tduepunti0 : = -3.2791050758788E+16
v=v_elettrone : = 14109605.416279
x0= : -6.8320023485408E-13
y0= : -1.2397388553091E-12
*****
i=60528
k(60528)=0.9992551517084
kQ(60528)=0.99851085821578
r1= : 1.4182432719731E-12
rpunto1 : = 11568793.373189
rduepunti0 : = -8.0558961508368E+25
fil : = 506.86487051575
fipunto1 : = 5.6625724745304E+18
fi_gradi : = 29041.217863998
t1 : = 1.0812547412556E-14
tpunto1 : = 1.0028121084836
tduepunti0 : = -3.270124657557E+16
v=v_elettrone : = 14097413.622783
x0= : -6.8302872536504E-13
y0= : -1.2413846992268E-12
```

```
*****
i=60529
k(60529)=0.99925636658087
kQ(60529)=0.9985132861524
r1= : 1.4196000449433E-12
rpunto1 : = 11559358.490709
rduepunti0 : = -8.0448393581814E+25
fil : = 506.86553461485
fipunto1 : = 5.6517381904167E+18
fi_gradi : = 29041.255914073
t1 : = 1.0812547530165E-14
tpunto1 : = 1.0028082838126
tduepunti0 : = -3.2611814836413E+16
v=v_elettrone : = 14085244.689003
x0= : -6.8285638172007E-13
y0= : -1.2430290183423E-12
*****
i=60530
k(60530)=0.99925757879726
kQ(60530)=0.99851570878377
r1= : 1.4209557114029E-12
rpunto1 : = 11549936.542406
rduepunti0 : = -8.0338107768264E+25
fil : = 506.86619744332
fipunto1 : = 5.6409437812024E+18
fi_gradi : = 29041.293891347
t1 : = 1.0812547647773E-14
tpunto1 : = 1.0028044695866
tduepunti0 : = -3.2522753457553E+16
v=v_elettrone : = 14073098.534905
x0= : -6.8268320652318E-13
y0= : -1.2446718150317E-12
*****
i=60531
k(60531)=0.99925878836589
kQ(60531)=0.99851812612648
r1= : 1.4223102728686E-12
rpunto1 : = 11540527.495292
rduepunti0 : = -8.0228103218909E+25
fil : = 506.86685900584
fipunto1 : = 5.6301890405512E+18
fi_gradi : = 29041.331796087
t1 : = 1.081254776538E-14
tpunto1 : = 1.0028006657624
tduepunti0 : = -3.2434060369792E+16
v=v_elettrone : = 14060975.082077
x0= : -6.8250920236717E-13
y0= : -1.2463130916638E-12
*****
i=60532
k(60532)=0.99925999529505
kQ(60532)=0.99852053819707
r1= : 1.4236637308536E-12
rpunto1 : = 11531131.31648
rduepunti0 : = -8.0118379086699E+25
fil : = 506.86751930705
fipunto1 : = 5.6194737634989E+18
fi_gradi : = 29041.36962856
t1 : = 1.0812547882987E-14
tpunto1 : = 1.002796872297
tduepunti0 : = -3.2345733518379E+16
v=v_elettrone : = 14048874.251773
x0= : -6.8233437183351E-13
y0= : -1.2479528506006E-12
```

```
*****
i=60533
k(60533)=0.999261199593
kQ(60533)=0.99852294501204
r1= : 1.4250160868671E-12
rpunto1 : = 11521747.973184
rduepunti0 : = -8.0008934526358E+25
fil : = 506.86817835159
fipunto1 : = 5.6087977464428E+18
fi_gradi : = 29041.407389031
t1 : = 1.0812548000594E-14
tpunto1 : = 1.0027930891478
tduepunti0 : = -3.2257770862886E+16
v=v_elettrone : = 14036795.965696
x0= : -6.8215871749252E-13
y0= : -1.2495910941972E-12
*****
i=60534
k(60534)=0.99926240126795
kQ(60534)=0.99852534658778
r1= : 1.4263673424143E-12
rpunto1 : = 11512377.432714
rduepunti0 : = -7.9899768694402E+25
fil : = 506.86883614407
fipunto1 : = 5.5981607871301E+18
fi_gradi : = 29041.445077763
t1 : = 1.08125481182E-14
tpunto1 : = 1.0027893162722
tduepunti0 : = -3.2170170377094E+16
v=v_elettrone : = 14024740.145615
x0= : -6.8198224190345E-13
y0= : -1.2512278248018E-12
*****
i=60535
k(60535)=0.99926360032809
kQ(60535)=0.99852774294066
r1= : 1.4277174989967E-12
rpunto1 : = 11503019.66248
rduepunti0 : = -7.9790880749153E+25
fil : = 506.86949268905
fipunto1 : = 5.5875626846475E+18
fi_gradi : = 29041.48269502
t1 : = 1.0812548235806E-14
tpunto1 : = 1.0027855536281
tduepunti0 : = -3.2082930048869E+16
v=v_elettrone : = 14012706.714561
x0= : -6.8180494761454E-13
y0= : -1.2528630447556E-12
*****
i=60536
k(60536)=0.99926479678159
kQ(60536)=0.99853013408696
r1= : 1.4290665581121E-12
rpunto1 : = 11493674.62999
rduepunti0 : = -7.9682269850755E+25
fil : = 506.8701479911
fipunto1 : = 5.5770032394102E+18
fi_gradi : = 29041.520241061
t1 : = 1.0812548353412E-14
tpunto1 : = 1.0027818011734
tduepunti0 : = -3.1996047880047E+16
v=v_elettrone : = 14000695.595237
x0= : -6.8162683716301E-13
y0= : -1.254496756393E-12
```



```
*****
i=60537
k(60537)=0.99926599063658
kQ(60537)=0.9985325200429
r1= : 1.4304145212543E-12
rpunto1 : = 11484342.302852
rduepunti0 : = -7.9573935161189E+25
fil : = 506.87080205475
fipunto1 : = 5.5664822531512E+18
fi_gradi : = 29041.557716148
t1 : = 1.0812548471016E-14
tpunto1 : = 1.0027780588664
tduepunti0 : = -3.190952188632E+16
v=v_elettrone : = 13988706.710837
x0= : -6.8144791307517E-13
y0= : -1.2561289620416E-12
*****
i=60538
k(60538)=0.99926718190115
kQ(60538)=0.99853490082466
r1= : 1.4317613899133E-12
rpunto1 : = 11475022.648768
rduepunti0 : = -7.9465875844288E+25
fil : = 506.87145488452
fipunto1 : = 5.5559995289107E+18
fi_gradi : = 29041.595120539
t1 : = 1.0812548588621E-14
tpunto1 : = 1.0027743266655
tduepunti0 : = -3.1823350097119E+16
v=v_elettrone : = 13976739.985041
x0= : -6.8126817786651E-13
y0= : -1.2577596640223E-12
*****
i=60539
k(60539)=0.99926837058336
kQ(60539)=0.99853727644832
r1= : 1.4331071655755E-12
rpunto1 : = 11465715.635543
rduepunti0 : = -7.935809106575E+25
fil : = 506.87210648488
fipunto1 : = 5.545548710258E+18
fi_gradi : = 29041.632454489
t1 : = 1.0812548706225E-14
tpunto1 : = 1.0027706045294
tduepunti0 : = -3.1737530555503E+16
v=v_elettrone : = 13964795.34201
x0= : -6.8108763404173E-13
y0= : -1.259388864649E-12
*****
i=60540
k(60540)=0.99926955669125
kQ(60540)=0.99853964692993
r1= : 1.4344518497234E-12
rpunto1 : = 11456421.231075
rduepunti0 : = -7.925057999315E+25
fil : = 506.87275686031
fipunto1 : = 5.5351480851201E+18
fi_gradi : = 29041.669718257
t1 : = 1.0812548823829E-14
tpunto1 : = 1.002766892417
tduepunti0 : = -3.1652061318043E+16
v=v_elettrone : = 13952872.706017
x0= : -6.8090628409478E-13
y0= : -1.2610165662291E-12
```

```
*****
i=60541
k(60541)=0.99927074023283
kQ(60541)=0.99854201228546
r1= : 1.4357954438356E-12
rpunto1 : = 11447139.403363
rduepunti0 : = -7.9143341795957E+25
fil : = 506.87340601524
fipunto1 : = 5.5247789780929E+18
fi_gradi : = 29041.706912095
t1 : = 1.0812548941432E-14
tpunto1 : = 1.0027631902874
tduepunti0 : = -3.1566940454712E+16
v=v_elettrone : = 13940972.001844
x0= : -6.8072413050897E-13
y0= : -1.262642771063E-12
*****
i=60542
k(60542)=0.99927192121606
kQ(60542)=0.99854437253083
r1= : 1.4371379493872E-12
rpunto1 : = 11437870.120502
rduepunti0 : = -7.9036375645544E+25
fil : = 506.8740539541
fipunto1 : = 5.5144473581099E+18
fi_gradi : = 29041.744036257
t1 : = 1.0812549059035E-14
tpunto1 : = 1.0027594981001
tduepunti0 : = -3.1482166048774E+16
v=v_elettrone : = 13929093.154781
x0= : -6.80541175757E-13
y0= : -1.2642674814446E-12
*****
i=60543
k(60543)=0.99927309964888
kQ(60543)=0.99854672768189
r1= : 1.4384793678495E-12
rpunto1 : = 11428613.350683
rduepunti0 : = -7.8929680715201E+25
fil : = 506.87470068129
fipunto1 : = 5.5041530345924E+18
fi_gradi : = 29041.781090995
t1 : = 1.0812549176637E-14
tpunto1 : = 1.0027558158147
tduepunti0 : = -3.1397736196678E+16
v=v_elettrone : = 13917236.089834
x0= : -6.8035742230101E-13
y0= : -1.2658906996613E-12
*****
i=60544
k(60544)=0.99927427553921
kQ(60544)=0.99854907775442
r1= : 1.4398197006898E-12
rpunto1 : = 11419369.062194
rduepunti0 : = -7.8823256180148E+25
fil : = 506.87534620116
fipunto1 : = 5.4938958182074E+18
fi_gradi : = 29041.818076559
t1 : = 1.0812549294239E-14
tpunto1 : = 1.0027521433908
tduepunti0 : = -3.1313649007944E+16
v=v_elettrone : = 13905400.733332
x0= : -6.8017287259272E-13
y0= : -1.2675124279933E-12
```

```
*****
i=60545
k(60545)=0.99927544889493
kQ(60545)=0.99855142276417
r1= : 1.4411589493721E-12
rpunto1 : = 11410137.22342
rduepunti0 : = -7.8717101217546E+25
fil : = 506.87599051808
fipunto1 : = 5.4836755208582E+18
fi_gradi : = 29041.854993199
t1 : = 1.081254941184E-14
tpunto1 : = 1.0027484807887
tduepunti0 : = -3.1229902605061E+16
v=v_elettrone : = 13893587.01175
x0= : -6.7998752907338E-13
y0= : -1.2691326687148E-12
*****
i=60546
k(60546)=0.99927661972388
kQ(60546)=0.99855376272679
r1= : 1.4424971153564E-12
rpunto1 : = 11400917.802843
rduepunti0 : = -7.8611215006507E+25
fil : = 506.87663363638
fipunto1 : = 5.4734919556739E+18
fi_gradi : = 29041.891841164
t1 : = 1.0812549529441E-14
tpunto1 : = 1.0027448279684
tduepunti0 : = -3.1146495123376E+16
v=v_elettrone : = 13881794.850884
x0= : -6.798013941738E-13
y0= : -1.2707514240931E-12
*****
i=60547
k(60547)=0.99927778803389
kQ(60547)=0.9985560976579
r1= : 1.4438342000991E-12
rpunto1 : = 11391710.769039
rduepunti0 : = -7.8505596728107E+25
fil : = 506.87727556037
fipunto1 : = 5.4633449370001E+18
fi_gradi : = 29041.928620699
t1 : = 1.0812549647042E-14
tpunto1 : = 1.0027411848905
tduepunti0 : = -3.1063424710992E+16
v=v_elettrone : = 13870024.177879
x0= : -6.7961447031463E-13
y0= : -1.2723686963889E-12
*****
i=60548
k(60548)=0.99927895383274
kQ(60548)=0.99855842757305
r1= : 1.4451702050529E-12
rpunto1 : = 11382516.090683
rduepunti0 : = -7.8400245565395E+25
fil : = 506.87791629432
fipunto1 : = 5.4532342803891E+18
fi_gradi : = 29041.96533205
t1 : = 1.0812549764642E-14
tpunto1 : = 1.0027375515158
tduepunti0 : = -3.0980689528663E+16
v=v_elettrone : = 13858274.920431
x0= : -6.7942675990625E-13
y0= : -1.2739844878565E-12
```

```
*****
i=60549
k(60549)=0.99928011712819
kQ(60549)=0.99856075248773
r1= : 1.4465051316668E-12
rpunto1: = 11373333.736541
rduepunti0 : = -7.8295160703406E+25
fil : = 506.87855584251
fipunto1 : = 5.4431598025906E+18
fi_gradi : = 29042.001975462
t1 : = 1.0812549882242E-14
tpunto1 : = 1.0027339278049
tduepunti0 : = -3.0898287749692E+16
v=v_elettrone : = 13846547.005986
x0= : -6.7923826534875E-13
y0= : -1.2755988007437E-12
*****
i=60550
k(60550)=0.99928127792797
kQ(60550)=0.99856307241735
r1= : 1.4478389813863E-12
rpunto1: = 11364163.675479
rduepunti0 : = -7.8190341329168E+25
fil : = 506.87919420918
fipunto1 : = 5.4331213215418E+18
fi_gradi : = 29042.038551178
t1 : = 1.0812549999841E-14
tpunto1 : = 1.0027303137192
tduepunti0 : = -3.0816217559823E+16
v=v_elettrone : = 13834840.362154
x0= : -6.7904898903213E-13
y0= : -1.2772116372916E-12
*****
i=60551
k(60551)=0.99928243623978
kQ(60551)=0.9985653873773
r1= : 1.449171755653E-12
rpunto1: = 11355005.876455
rduepunti0 : = -7.8085786631713E+25
fil : = 506.87983139855
fipunto1 : = 5.4231186563586E+18
fi_gradi : = 29042.07505944
t1 : = 1.081255011744E-14
tpunto1 : = 1.0027267092199
tduepunti0 : = -3.0734477157148E+16
v=v_elettrone : = 13823154.917502
x0= : -6.7885893333641E-13
y0= : -1.2788229997349E-12
*****
i=60552
k(60552)=0.99928359207128
kQ(60552)=0.99856769738289
r1= : 1.4505034559049E-12
rpunto1: = 11345860.308523
rduepunti0 : = -7.7981495802084E+25
fil : = 506.88046741482
fipunto1 : = 5.4131516273257E+18
fi_gradi : = 29042.111500488
t1 : = 1.0812550235039E-14
tpunto1 : = 1.0027231142685
tduepunti0 : = -3.0653064751999E+16
v=v_elettrone : = 13811490.601183
x0= : -6.786681006315E-13
y0= : -1.2804328903022E-12
```

```
*****
i=60553
k(60553)=0.99928474543013
kQ(60553)=0.99857000244936
r1= : 1.4518340835766E-12
rpunto1: = 11336726.940832
rduepunti0 : = -7.787746803335E+25
fil : = 506.88110226217
fipunto1 : = 5.403220055888E+18
fi_gradi : = 29042.147874562
t1 : = 1.0812550352637E-14
tpunto1 : = 1.0027195288268
tduepunti0 : = -3.0571978566856E+16
v=v_elettrone : = 13799847.341316
x0= : -6.7847649327729E-13
y0= : -1.2820413112152E-12
*****
i=60554
k(60554)=0.99928589632392
kQ(60554)=0.9985723025919
r1= : 1.4531636400989E-12
rpunto1: = 11327605.742625
rduepunti0 : = -7.7773702520608E+25
fil : = 506.88173594476
fipunto1 : = 5.3933237646411E+18
fi_gradi : = 29042.184181899
t1 : = 1.0812550470234E-14
tpunto1 : = 1.0027159528568
tduepunti0 : = -3.049121683624E+16
v=v_elettrone : = 13788225.067802
x0= : -6.7828411362393E-13
y0= : -1.2836482646894E-12
*****
i=60555
k(60555)=0.99928704476024
kQ(60555)=0.99857459782565
r1= : 1.454492126899E-12
rpunto1: = 11318496.683239
rduepunti0 : = -7.7670198460993E+25
fil : = 506.88236846672
fipunto1 : = 5.3834625773225E+18
fi_gradi : = 29042.220422738
t1 : = 1.0812550587831E-14
tpunto1 : = 1.0027123863205
tduepunti0 : = -3.0410777806623E+16
v=v_elettrone : = 13776623.710343
x0= : -6.7809096401159E-13
y0= : -1.2852537529342E-12
*****
i=60556
k(60556)=0.99928819074664
kQ(60556)=0.99857688816569
r1= : 1.4558195454005E-12
rpunto1: = 11309399.732104
rduepunti0 : = -7.756695505369E+25
fil : = 506.88299983218
fipunto1 : = 5.3736363188023E+18
fi_gradi : = 29042.256597314
t1 : = 1.0812550705428E-14
tpunto1 : = 1.0027088291803
tduepunti0 : = -3.0330659736326E+16
v=v_elettrone : = 13765043.198816
x0= : -6.7789704677068E-13
y0= : -1.2868577781522E-12
```

```
*****
i=60557
k(60557)=0.99928933429064
kQ(60557)=0.99857917362703
r1= : 1.4571458970234E-12
rpunto1: = 11300314.858747
rduepunti0 : = -7.7463971499937E+25
fil : = 506.88363004523
fipunto1 : = 5.363844815075E+18
fi_gradi : = 29042.292705862
t1 : = 1.0812550823025E-14
tpunto1 : = 1.0027052813989
tduepunti0 : = -3.0250860895427E+16
v=v_elettrone : = 13753483.463305
x0= : -6.7770236422186E-13
y0= : -1.2884603425399E-12
*****
i=60558
k(60558)=0.99929047539973
kQ(60558)=0.99858145422463
r1= : 1.4584711831843E-12
rpunto1: = 11291242.032784
rduepunti0 : = -7.7361247003036E+25
fil : = 506.88425910994
fipunto1 : = 5.3540878932499E+18
fi_gradi : = 29042.328748615
t1 : = 1.0812550940621E-14
tpunto1 : = 1.0027017429389
tduepunti0 : = -3.0171379565664E+16
v=v_elettrone : = 13741944.434904
x0= : -6.7750691867618E-13
y0= : -1.2900614482877E-12
*****
i=60559
k(60559)=0.99929161408139
kQ(60559)=0.99858372997339
r1= : 1.459795405296E-12
rpunto1: = 11282181.223927
rduepunti0 : = -7.7258780768356E+25
fil : = 506.88488703037
fipunto1 : = 5.3443653815432E+18
fi_gradi : = 29042.364725806
t1 : = 1.0812551058216E-14
tpunto1 : = 1.0026982137634
tduepunti0 : = -3.0092214040342E+16
v=v_elettrone : = 13730426.04491
x0= : -6.7731071243496E-13
y0= : -1.2916610975793E-12
*****
i=60560
k(60560)=0.99929275034304
kQ(60560)=0.99858600088815
r1= : 1.4611185647679E-12
rpunto1: = 11273132.40198
rduepunti0 : = -7.7156572003345E+25
fil : = 506.88551381056
fipunto1 : = 5.3346771092688E+18
fi_gradi : = 29042.400637665
t1 : = 1.0812551175811E-14
tpunto1 : = 1.0026946938354
tduepunti0 : = -3.0013362624238E+16
v=v_elettrone : = 13718928.223627
x0= : -6.771137477899E-13
y0= : -1.2932592925926E-12
```

```
*****
i=60561
k(60561)=0.99929388419209
kQ(60561)=0.99858826698371
r1= : 1.4624406630057E-12
rpunto1 : = 11264095.536841
rduepunti0 : = -7.7054619917534E+25
fil : = 506.88613945452
fipunto1 : = 5.3250229068299E+18
fi_gradi : = 29042.436484424
t1 : = 1.0812551293406E-14
tpunto1 : = 1.0026911831184
tduepunti0 : = -2.9934823633513E+16
v=v_elettrone : = 13707450.903995
x0= : -6.7691602702338E-13
y0= : -1.294856035499E-12
*****
i=60562
k(60562)=0.99929501563592
kQ(60562)=0.99859052827479
r1= : 1.4637617014118E-12
rpunto1 : = 11255070.598499
rduepunti0 : = -7.6952923722541E+25
fil : = 506.88676396625
fipunto1 : = 5.3154026057109E+18
fi_gradi : = 29042.47226631
t1 : = 1.0812551411E-14
tpunto1 : = 1.0026876815759
tduepunti0 : = -2.9856595395614E+16
v=v_elettrone : = 13695994.016763
x0= : -6.7671755240805E-13
y0= : -1.2964513284638E-12
*****
i=60563
k(60563)=0.99929614468188
kQ(60563)=0.99859278477606
r1= : 1.465081681385E-12
rpunto1 : = 11246057.557035
rduepunti0 : = -7.6851482632083E+25
fil : = 506.88738734972
fipunto1 : = 5.3058160384684E+18
fi_gradi : = 29042.507983552
t1 : = 1.0812551528594E-14
tpunto1 : = 1.0026841891717
tduepunti0 : = -2.9778676249192E+16
v=v_elettrone : = 13684557.495321
x0= : -6.7651832620737E-13
y0= : -1.298045173646E-12
*****
i=60564
k(60564)=0.99929727133729
kQ(60564)=0.99859503650215
r1= : 1.4664006043204E-12
rpunto1 : = 11237056.382624
rduepunti0 : = -7.6750295861977E+25
fil : = 506.88800960889
fipunto1 : = 5.2962630387235E+18
fi_gradi : = 29042.543636376
t1 : = 1.0812551646188E-14
tpunto1 : = 1.0026807058696
tduepunti0 : = -2.9701064544003E+16
v=v_elettrone : = 13673141.271685
x0= : -6.7631835067525E-13
y0= : -1.2996375731987E-12
```

```
*****
i=60565
k(60565)=0.99929839560945
kQ(60565)=0.99859728346761
r1= : 1.4677184716099E-12
rpunto1 : = 11228067.04553
rduepunti0 : = -7.6649362630147E+25
fil : = 506.8886307477
fipunto1 : = 5.2867434411532E+18
fi_gradi : = 29042.579225008
t1 : = 1.0812551763781E-14
tpunto1 : = 1.0026772316339
tduepunti0 : = -2.9623758640827E+16
v=v_elettrone : = 13661745.27851
x0= : -6.7611762805638E-13
y0= : -1.3012285292687E-12
*****
i=60566
k(60566)=0.99929951750561
kQ(60566)=0.99859952568695
r1= : 1.4690352846416E-12
rpunto1 : = 11219089.51611
rduepunti0 : = -7.6548682156631E+25
fil : = 506.88925077006
fipunto1 : = 5.2772570814821E+18
fi_gradi : = 29042.614749673
t1 : = 1.0812551881373E-14
tpunto1 : = 1.0026737664289
tduepunti0 : = -2.9546756911376E+16
v=v_elettrone : = 13650369.449907
x0= : -6.7591616058625E-13
y0= : -1.3028180439966E-12
*****
i=60567
k(60567)=0.99930063703303
kQ(60567)=0.99860176317461
r1= : 1.4703510448004E-12
rpunto1 : = 11210123.764813
rduepunti0 : = -7.6448253663583E+25
fil : = 506.88986967988
fipunto1 : = 5.2678037964749E+18
fi_gradi : = 29042.650210593
t1 : = 1.0812551998966E-14
tpunto1 : = 1.002670310219
tduepunti0 : = -2.9470057738207E+16
v=v_elettrone : = 13639013.719027
x0= : -6.7571395049098E-13
y0= : -1.3044061195172E-12
*****
i=60568
k(60568)=0.9993017541989
kQ(60568)=0.99860399594499
r1= : 1.4716657534677E-12
rpunto1 : = 11201169.762177
rduepunti0 : = -7.634807637528E+25
fil : = 506.89048748102
fipunto1 : = 5.2583834239279E+18
fi_gradi : = 29042.685607992
t1 : = 1.0812552116558E-14
tpunto1 : = 1.0026668629691
tduepunti0 : = -2.9393659514637E+16
v=v_elettrone : = 13627678.020074
x0= : -6.7551099998759E-13
y0= : -1.305992757959E-12
```



```
*****
i=60569
k(60569)=0.99930286901041
kQ(60569)=0.99860622401243
r1= : 1.4729794120211E-12
rpunto1: = 11192227.478833
rduepunti0 : = -7.6248149518127E+25
fil : = 506.89110417736
fipunto1 : = 5.2489958026611E+18
fi_gradi : = 29042.720942089
t1 : = 1.0812552234149E-14
tpunto1 : = 1.0026634246439
tduepunti0 : = -2.9317560644656E+16
v=v_elettrone : = 13616362.286305
x0= : -6.7530731128394E-13
y0= : -1.3075779614447E-12
*****
i=60570
k(60570)=0.99930398147471
kQ(60570)=0.99860844739121
r1= : 1.4742920218353E-12
rpunto1: = 11183296.8855
rduepunti0 : = -7.614847232066E+25
fil : = 506.89171977273
fipunto1 : = 5.2396407725107E+18
fi_gradi : = 29042.756213105
t1 : = 1.081255235174E-14
tpunto1 : = 1.0026599952085
tduepunti0 : = -2.9241759542843E+16
v=v_elettrone : = 13605066.453261
x0= : -6.7510288657901E-13
y0= : -1.3091617320908E-12
*****
i=60571
k(60571)=0.99930509159894
kQ(60571)=0.99861066609556
r1= : 1.4756035842812E-12
rpunto1: = 11174377.952989
rduepunti0 : = -7.6049044013552E+25
fil : = 506.89233427095
fipunto1 : = 5.2303181743208E+18
fi_gradi : = 29042.79142126
t1 : = 1.0812552469331E-14
tpunto1 : = 1.0026565746283
tduepunti0 : = -2.9166254634282E+16
v=v_elettrone : = 13593790.455535
x0= : -6.7489772806256E-13
y0= : -1.3107440720077E-12
*****
i=60572
k(60572)=0.99930619939018
kQ(60572)=0.99861288013965
r1= : 1.4769141007263E-12
rpunto1: = 11165470.6522
rduepunti0 : = -7.5949863829615E+25
fil : = 506.89294767583
fipunto1 : = 5.221027849936E+18
fi_gradi : = 29042.826566771
t1 : = 1.0812552586921E-14
tpunto1 : = 1.0026531628686
tduepunti0 : = -2.9091044354478E+16
v=v_elettrone : = 13582534.227991
x0= : -6.7469183791543E-13
y0= : -1.3123249833002E-12
```

```
*****
i=60573
k(60573)=0.99930730485552
kQ(60573)=0.9986150895376
r1= : 1.4782235725349E-12
rpunto1 : = 11156574.954124
rduepunti0 : = -7.5850931003803E+25
fil : = 506.89355999116
fipunto1 : = 5.2117696421937E+18
fi_gradi : = 29042.861649855
t1 : = 1.0812552704511E-14
tpunto1 : = 1.0026497598951
tduepunti0 : = -2.9016127149276E+16
v=v_elettrone : = 13571297.705768
x0= : -6.7448521830961E-13
y0= : -1.3139044680669E-12
*****
i=60574
k(60574)=0.99930840800199
kQ(60574)=0.99861729430348
r1= : 1.4795320010675E-12
rpunto1 : = 11147690.82984
rduepunti0 : = -7.5752244773221E+25
fil : = 506.89417122069
fipunto1 : = 5.2025433949165E+18
fi_gradi : = 29042.896670727
t1 : = 1.08125528221E-14
tpunto1 : = 1.0026463656736
tduepunti0 : = -2.8941501474776E+16
v=v_elettrone : = 13560080.825511
x0= : -6.7427787140825E-13
y0= : -1.3154825284005E-12
*****
i=60575
k(60575)=0.99930950883662
kQ(60575)=0.99861949445129
r1= : 1.4808393876817E-12
rpunto1 : = 11138818.250517
rduepunti0 : = -7.5653804377121E+25
fil : = 506.89478136818
fipunto1 : = 5.1933489529047E+18
fi_gradi : = 29042.931629604
t1 : = 1.0812552939689E-14
tpunto1 : = 1.0026429801702
tduepunti0 : = -2.8867165797257E+16
v=v_elettrone : = 13548883.522111
x0= : -6.7406979936552E-13
y0= : -1.3170591663878E-12
*****
i=60576
k(60576)=0.99931060736639
kQ(60576)=0.99862168999499
r1= : 1.4821457337314E-12
rpunto1 : = 11129957.187413
rduepunti0 : = -7.555560905691E+25
fil : = 506.89539043736
fipunto1 : = 5.1841861619286E+18
fi_gradi : = 29042.966526697
t1 : = 1.0812553057278E-14
tpunto1 : = 1.0026396033508
tduepunti0 : = -2.8793118593092E+16
v=v_elettrone : = 13537705.733201
x0= : -6.7386100432703E-13
y0= : -1.3186343841099E-12
```

```
*****
i=60577
k(60577)=0.99931170359828
kQ(60577)=0.99862388094849
r1= : 1.4834510405672E-12
rpunto1 : = 11121107.611874
rduepunti0 : = -7.5457658056153E+25
fil : = 506.89599843194
fipunto1 : = 5.1750548687216E+18
fi_gradi : = 29043.00136222
t1 : = 1.0812553174866E-14
tpunto1 : = 1.002636235182
tduepunti0 : = -2.8719358348672E+16
v=v_elettrone : = 13526547.394252
x0= : -6.7365148842944E-13
y0= : -1.3202081836419E-12
*****
i=60578
k(60578)=0.99931279753921
kQ(60578)=0.99862606732563
r1= : 1.4847553095363E-12
rpunto1 : = 11112269.495336
rduepunti0 : = -7.5359950620572E+25
fil : = 506.89660535562
fipunto1 : = 5.1659549209725E+18
fi_gradi : = 29043.036136385
t1 : = 1.0812553292454E-14
tpunto1 : = 1.0026328756302
tduepunti0 : = -2.8645883560325E+16
v=v_elettrone : = 13515408.442675
x0= : -6.7344125380092E-13
y0= : -1.321780567053E-12
*****
i=60579
k(60579)=0.99931388919609
kQ(60579)=0.99862824914023
r1= : 1.4860585419827E-12
rpunto1 : = 11103442.809321
rduepunti0 : = -7.5262485998051E+25
fil : = 506.89721121206
fipunto1 : = 5.1568861673183E+18
fi_gradi : = 29043.070849402
t1 : = 1.0812553410042E-14
tpunto1 : = 1.0026295246622
tduepunti0 : = -2.8572692734239E+16
v=v_elettrone : = 13504288.815361
x0= : -6.7323030256093E-13
y0= : -1.3233515364067E-12
*****
i=60580
k(60580)=0.99931497857583
kQ(60580)=0.998630426406
r1= : 1.4873607392468E-12
rpunto1 : = 11094627.525441
rduepunti0 : = -7.5165263438641E+25
fil : = 506.89781600493
fipunto1 : = 5.1478484573372E+18
fi_gradi : = 29043.105501481
t1 : = 1.0812553527629E-14
tpunto1 : = 1.0026261822447
tduepunti0 : = -2.8499784386384E+16
v=v_elettrone : = 13493188.450334
x0= : -6.7301863682041E-13
y0= : -1.3249210937607E-12
```

```
*****
i=60581
k(60581)=0.99931606568526
kQ(60581)=0.99863259913666
r1= : 1.488661902666E-12
rpunto1 : = 11085823.615395
rduepunto10 : = -7.5068282194556E+25
fil : = 506.89841973787
fipunto1 : = 5.1388416415413E+18
fi_gradi : = 29043.140092831
t1 : = 1.0812553645215E-14
tpunto1 : = 1.0026228483448
tduepunto10 : = -2.8427157042435E+16
v=v_elettrone : = 13482107.285108
x0= : -6.7280625868166E-13
y0= : -1.3264892411669E-12
*****
i=60582
k(60582)=0.99931715053122
kQ(60582)=0.99863476734585
r1= : 1.4899620335741E-12
rpunto1 : = 11077031.050968
rduepunto10 : = -7.497154152018E+25
fil : = 506.8990224145
fipunto1 : = 5.1298655713697E+18
fi_gradi : = 29043.174623658
t1 : = 1.0812553762802E-14
tpunto1 : = 1.0026195229299
tduepunto10 : = -2.8354809237699E+16
v=v_elettrone : = 13471045.257923
x0= : -6.7259317023854E-13
y0= : -1.3280559806716E-12
*****
i=60583
k(60583)=0.99931823312053
kQ(60583)=0.99863693104713
r1= : 1.4912611333018E-12
rpunto1 : = 11068249.804035
rduepunto10 : = -7.4875040672067E+25
fil : = 506.89962403843
fipunto1 : = 5.1209200991812E+18
fi_gradi : = 29043.20909417
t1 : = 1.0812553880388E-14
tpunto1 : = 1.0026162059671
tduepunto10 : = -2.8282739517035E+16
v=v_elettrone : = 13460002.306524
x0= : -6.7237937357644E-13
y0= : -1.3296213143152E-12
*****
i=60584
k(60584)=0.99931931345995
kQ(60584)=0.99863909025406
r1= : 1.4925592031763E-12
rpunto1 : = 11059479.846556
rduepunto10 : = -7.4778778908943E+25
fil : = 506.90022461325
fipunto1 : = 5.1120050782476E+18
fi_gradi : = 29043.243504573
t1 : = 1.0812553997973E-14
tpunto1 : = 1.0026128974242
tduepunto10 : = -2.8210946434783E+16
v=v_elettrone : = 13448978.370207
x0= : -6.7216487077245E-13
y0= : -1.3311852441324E-12
```

```
*****
i=60585
k(60585)=0.99932039155624
kQ(60585)=0.99864124498012
r1= : 1.4938562445216E-12
rpunto1: = 11050721.150577
rduepunti0 : = -7.4682755491708E+25
fil : = 506.90082414253
fipunto1 : = 5.103120362747E+18
fi_gradi : = 29043.27785507
t1 : = 1.0812554115558E-14
tpunto1 : = 1.0026095972688
tduepunti0 : = -2.8139428554688E+16
v=v_elettrone : = 13437973.387371
x0= : -6.7194966389521E-13
y0= : -1.3327477721524E-12
*****
i=60586
k(60586)=0.99932146741613
kQ(60586)=0.99864339523874
r1= : 1.4951522586585E-12
rpunto1: = 11041973.688233
rduepunti0 : = -7.4586969683435E+25
fil : = 506.90142262982
fipunto1 : = 5.0942658077565E+18
fi_gradi : = 29043.312145866
t1 : = 1.0812554233143E-14
tpunto1 : = 1.0026063054688
tduepunti0 : = -2.8068184449831E+16
v=v_elettrone : = 13426987.297974
x0= : -6.7173375500513E-13
y0= : -1.3343089003986E-12
*****
i=60587
k(60587)=0.99932254104633
kQ(60587)=0.99864554104329
r1= : 1.4964472469045E-12
rpunto1: = 11033237.431743
rduepunti0 : = -7.4491420749373E+25
fil : = 506.90202007865
fipunto1 : = 5.0854412692459E+18
fi_gradi : = 29043.346377163
t1 : = 1.0812554350727E-14
tpunto1 : = 1.0026030219923
tduepunti0 : = -2.7997212702548E+16
v=v_elettrone : = 13416020.04068
x0= : -6.7151714615422E-13
y0= : -1.3358686308887E-12
*****
i=60588
k(60588)=0.9993236124535
kQ(60588)=0.99864768240712
r1= : 1.4977412105737E-12
rpunto1: = 11024512.353413
rduepunti0 : = -7.4396107956948E+25
fil : = 506.90261649256
fipunto1 : = 5.0766466040709E+18
fi_gradi : = 29043.380549162
t1 : = 1.0812554468311E-14
tpunto1 : = 1.0025997468074
tduepunti0 : = -2.7926511904368E+16
v=v_elettrone : = 13405071.555718
x0= : -6.7129983938641E-13
y0= : -1.337426965635E-12
```

```
*****
i=60589
k(60589)=0.9993246816443
kQ(60589)=0.99864981934349
r1= : 1.4990341509771E-12
rpunto1: = 11015798.425634
rduepunti0 : = -7.4301030575764E+25
fil : = 506.90321187504
fipunto1 : = 5.0678816699661E+18
fi_gradi : = 29043.414662066
t1 : = 1.0812554585895E-14
tpunto1 : = 1.0025964798827
tduepunti0 : = -2.7856080655935E+16
v=v_elettrone : = 13394141.782847
x0= : -6.7108183673738E-13
y0= : -1.3389839066441E-12
*****
i=60590
k(60590)=0.99932574862536
kQ(60590)=0.99865195186564
r1= : 1.5003260694225E-12
rpunto1: = 11007095.620883
rduepunti0 : = -7.4206187877603E+25
fil : = 506.90380622958
fipunto1 : = 5.0591463255391E+18
fi_gradi : = 29043.448716072
t1 : = 1.0812554703478E-14
tpunto1 : = 1.0025932211866
tduepunti0 : = -2.7785917566938E+16
v=v_elettrone : = 13383230.662575
x0= : -6.7086314023473E-13
y0= : -1.3405394559169E-12
*****
i=60591
k(60591)=0.99932681340327
kQ(60591)=0.99865407998674
r1= : 1.5016169672143E-12
rpunto1: = 10998403.911721
rduepunti0 : = -7.4111579136424E+25
fil : = 506.90439955965
fipunto1 : = 5.0504404302632E+18
fi_gradi : = 29043.482711381
t1 : = 1.0812554821061E-14
tpunto1 : = 1.0025899706878
tduepunti0 : = -2.7716021256044E+16
v=v_elettrone : = 13372338.135374
x0= : -6.7064375189793E-13
y0= : -1.342093615449E-12
*****
i=60592
k(60592)=0.99932787598462
kQ(60592)=0.99865620371993
r1= : 1.5029068456538E-12
rpunto1: = 10989723.270795
rduepunti0 : = -7.4017203628368E+25
fil : = 506.90499186871
fipunto1 : = 5.0417638444718E+18
fi_gradi : = 29043.51664819
t1 : = 1.0812554938643E-14
tpunto1 : = 1.0025867283553
tduepunti0 : = -2.7646390350827E+16
v=v_elettrone : = 13361464.142053
x0= : -6.7042367373842E-13
y0= : -1.3436463872302E-12
```

```
*****
i=60593
k(60593)=0.99932893637594
kQ(60593)=0.99865832307827
r1= : 1.504195706039E-12
rpunto1: = 10981053.670837
rduepunti0 : = -7.3923060631751E+25
fil : = 506.90558316018
fipunto1 : = 5.0331164293511E+18
fi_gradi : = 29043.550526696
t1 : = 1.0812555056225E-14
tpunto1 : = 1.002583494158
tduepunti0 : = -2.75770234877E+16
v=v_elettrone : = 13350608.623803
x0= : -6.7020290775963E-13
y0= : -1.3451977732451E-12
*****
i=60594
k(60594)=0.99932999458377
kQ(60594)=0.99866043807481
r1= : 1.505483549665E-12
rpunto1: = 10972395.084662
rduepunti0 : = -7.3829149427072E+25
fil : = 506.9061734375
fipunto1 : = 5.0244980469344E+18
fi_gradi : = 29043.584347095
t1 : = 1.0812555173807E-14
tpunto1 : = 1.0025802680652
tduepunti0 : = -2.7507919311843E+16
v=v_elettrone : = 13339771.522167
x0= : -6.6998145595706E-13
y0= : -1.3467477754724E-12
*****
i=60595
k(60595)=0.99933105061461
kQ(60595)=0.99866254872251
r1= : 1.5067703778232E-12
rpunto1: = 10963747.485171
rduepunti0 : = -7.3735469297008E+25
fil : = 506.90676270407
fipunto1 : = 5.0159085600957E+18
fi_gradi : = 29043.618109582
t1 : = 1.0812555291388E-14
tpunto1 : = 1.0025770500462
tduepunti0 : = -2.7439076477142E+16
v=v_elettrone : = 13328952.778644
x0= : -6.6975932031822E-13
y0= : -1.3482963958858E-12
*****
i=60596
k(60596)=0.99933210447493
kQ(60596)=0.9986646550343
r1= : 1.5080561918023E-12
rpunto1: = 10955110.845347
rduepunti0 : = -7.3642019526414E+25
fil : = 506.90735096327
fipunto1 : = 5.0073478325432E+18
fi_gradi : = 29043.651814352
t1 : = 1.0812555408969E-14
tpunto1 : = 1.0025738400704
tduepunti0 : = -2.7370493646117E+16
v=v_elettrone : = 13318152.334705
x0= : -6.6953650282278E-13
y0= : -1.3498436364533E-12
```

```
*****
i=60597
k(60597)=0.99933315617119
kQ(60597)=0.99866675702306
r1= : 1.5093409928875E-12
rpunto1 : = 10946485.138257
rduepunti0 : = -7.3548799402323E+25
fil : = 506.90793821848
fipunto1 : = 4.9988157288134E+18
fi_gradi : = 29043.685461597
t1 : = 1.081255552655E-14
tpunto1 : = 1.0025706381077
tduepunti0 : = -2.7302169489858E+16
v=v_elettrone : = 13307370.133436
x0= : -6.6931300544267E-13
y0= : -1.3513894991373E-12
*****
i=60598
k(60598)=0.9993342057098
kQ(60598)=0.99866885470164
r1= : 1.5106247823611E-12
rpunto1 : = 10937870.337052
rduepunti0 : = -7.3455808213949E+25
fil : = 506.90852447305
fipunto1 : = 4.9903121142646E+18
fi_gradi : = 29043.71905151
t1 : = 1.081255564413E-14
tpunto1 : = 1.0025674441277
tduepunti0 : = -2.7234102687958E+16
v=v_elettrone : = 13296606.116643
x0= : -6.6908883014185E-13
y0= : -1.3529339858952E-12
*****
i=60599
k(60599)=0.99933525309718
kQ(60599)=0.99867094808279
r1= : 1.5119075615021E-12
rpunto1 : = 10929266.414966
rduepunti0 : = -7.336304525268E+25
fil : = 506.90910973034
fipunto1 : = 4.9818368550715E+18
fi_gradi : = 29043.752584282
t1 : = 1.081255576171E-14
tpunto1 : = 1.0025642581005
tduepunti0 : = -2.7166291928449E+16
v=v_elettrone : = 13285860.226934
x0= : -6.6886397887665E-13
y0= : -1.3544770986786E-12
*****
i=60600
k(60600)=0.99933629833969
kQ(60600)=0.99867303717927
r1= : 1.5131893315863E-12
rpunto1 : = 10920673.345315
rduepunti0 : = -7.3270509812083E+25
fil : = 506.90969399366
fipunto1 : = 4.9733898182183E+18
fi_gradi : = 29043.786060105
t1 : = 1.0812555879289E-14
tpunto1 : = 1.0025610799961
tduepunti0 : = -2.7098735907736E+16
v=v_elettrone : = 13275132.407729
x0= : -6.6863845359569E-13
y0= : -1.3560188394342E-12
```



```
*****
i=60601
k(60601)=0.9993373414437
kQ(60601)=0.99867512200376
r1= : 1.5144700938866E-12
rpunto1: = 10912091.1015
rduepunti0 : = -7.31782011879E+25
fil : = 506.91027726631
fipunto1 : = 4.9649708714935E+18
fi_gradi : = 29043.819479166
t1 : = 1.0812555996868E-14
tpunto1 : = 1.0025579097849
tduepunti0 : = -2.7031433330536E+16
v=v_elettrone : = 13264422.601999
x0= : -6.6841225623987E-13
y0= : -1.3575592101028E-12
*****
i=60602
k(60602)=0.99933838241553
kQ(60602)=0.99867720256888
r1= : 1.5157498496725E-12
rpunto1: = 10903519.657
rduepunti0 : = -7.3086118678048E+25
fil : = 506.91085955161
fipunto1 : = 4.9565798834835E+18
fi_gradi : = 29043.852841656
t1 : = 1.0812556114447E-14
tpunto1 : = 1.0025547474374
tduepunti0 : = -2.696438290981E+16
v=v_elettrone : = 13253730.753126
x0= : -6.6818538874245E-13
y0= : -1.3590982126204E-12
*****
i=60603
k(60603)=0.99933942126149
kQ(60603)=0.99867927888724
r1= : 1.5170286002105E-12
rpunto1: = 10894958.985381
rduepunti0 : = -7.2994261582617E+25
fil : = 506.91144085282
fipunto1 : = 4.9482167235671E+18
fi_gradi : = 29043.886147762
t1 : = 1.0812556232025E-14
tpunto1 : = 1.0025515929239
tduepunti0 : = -2.6897583366704E+16
v=v_elettrone : = 13243056.805293
x0= : -6.6795785302917E-13
y0= : -1.3606358489172E-12
*****
i=60604
k(60604)=0.99934045798785
kQ(60604)=0.99868135097137
r1= : 1.5183063467642E-12
rpunto1: = 10886409.060288
rduepunti0 : = -7.2902629203869E+25
fil : = 506.91202117321
fipunto1 : = 4.9398812619091E+18
fi_gradi : = 29043.919397671
t1 : = 1.0812556349603E-14
tpunto1 : = 1.0025484462154
tduepunti0 : = -2.6831033430487E+16
v=v_elettrone : = 13232400.701437
x0= : -6.677296510181E-13
y0= : -1.3621721209186E-12
```

```
*****
i=60605
k(60605)=0.99934149260089
kQ(60605)=0.99868341883377
r1= : 1.5195830905939E-12
rpunto1: = 10877869.855447
rduepunti0 : = -7.281122084624E+25
fil : = 506.91260051603
fipunto1 : = 4.9315733694553E+18
fi_gradi : = 29043.95259157
t1 : = 1.0812556467181E-14
tpunto1 : = 1.0025453072826
tduepunti0 : = -2.6764731838483E+16
v=v_elettrone : = 13221762.386974
x0= : -6.6750078461999E-13
y0= : -1.3637070305444E-12
*****
i=60606
k(60606)=0.99934252510682
kQ(60606)=0.99868548248688
r1= : 1.5208588329568E-12
rpunto1: = 10869341.344667
rduepunti0 : = -7.2720035816333E+25
fil : = 506.91317888452
fipunto1 : = 4.9232929179262E+18
fi_gradi : = 29043.985729643
t1 : = 1.0812556584758E-14
tpunto1 : = 1.0025421760966
tduepunti0 : = -2.669867733602E+16
v=v_elettrone : = 13211141.805655
x0= : -6.6727125573793E-13
y0= : -1.3652405797093E-12
*****
i=60607
k(60607)=0.99934355551186
kQ(60607)=0.9986875419431
r1= : 1.5221335751071E-12
rpunto1: = 10860823.501838
rduepunti0 : = -7.2629073422919E+25
fil : = 506.91375628188
fipunto1 : = 4.9150397798115E+18
fi_gradi : = 29044.018812075
t1 : = 1.0812556702335E-14
tpunto1 : = 1.0025390526286
tduepunti0 : = -2.6632868676359E+16
v=v_elettrone : = 13200538.90248
x0= : -6.6704106626767E-13
y0= : -1.3667727703226E-12
*****
i=60608
k(60608)=0.99934458382221
kQ(60608)=0.99868959721478
r1= : 1.5234073182959E-12
rpunto1: = 10852316.30093
rduepunti0 : = -7.2538332976936E+25
fil : = 506.91433271132
fipunto1 : = 4.9068138283647E+18
fi_gradi : = 29044.051839049
t1 : = 1.0812556819911E-14
tpunto1 : = 1.0025359368498
tduepunti0 : = -2.6567304620641E+16
v=v_elettrone : = 13189953.622447
x0= : -6.6681021809755E-13
y0= : -1.3683036042885E-12
```

```
*****
i=60609
k(60609)=0.99934561004401
kQ(60609)=0.99869164831424
r1= : 1.5246800637713E-12
rpunto1: = 10843819.715994
rduepunti0 : = -7.2447813791488E+25
fil : = 506.91490817603
fipunto1 : = 4.8986149375971E+18
fi_gradi : = 29044.084810748
t1 : = 1.0812556937487E-14
tpunto1 : = 1.0025328287318
tduepunti0 : = -2.6501983937826E+16
v=v_elettrone : = 13179385.910143
x0= : -6.6657871310853E-13
y0= : -1.3698330835062E-12
*****
i=60610
k(60610)=0.99934663418341
kQ(60610)=0.99869369525372
r1= : 1.5259518127783E-12
rpunto1: = 10835333.721161
rduepunti0 : = -7.2357515181839E+25
fil : = 506.91548267919
fipunto1 : = 4.8904429822726E+18
fi_gradi : = 29044.117727355
t1 : = 1.0812557055063E-14
tpunto1 : = 1.002529728246
tduepunti0 : = -2.6436905404629E+16
v=v_elettrone : = 13168835.712257
x0= : -6.6634655317436E-13
y0= : -1.3713612098693E-12
*****
i=60611
k(60611)=0.99934765624654
kQ(60611)=0.99869573804544
r1= : 1.5272225665589E-12
rpunto1: = 10826858.290642
rduepunti0 : = -7.2267436465416E+25
fil : = 506.91605622395
fipunto1 : = 4.8822978379022E+18
fi_gradi : = 29044.150589049
t1 : = 1.0812557172639E-14
tpunto1 : = 1.0025266353644
tduepunti0 : = -2.637206780547E+16
v=v_elettrone : = 13158302.973388
x0= : -6.6611374016132E-13
y0= : -1.3728879852667E-12
*****
i=60612
k(60612)=0.99934867623947
kQ(60612)=0.99869777670158
r1= : 1.5284923263521E-12
rpunto1: = 10818393.398728
rduepunti0 : = -7.2177576961804E+25
fil : = 506.91662881347
fipunto1 : = 4.8741793807384E+18
fi_gradi : = 29044.183396011
t1 : = 1.0812557290214E-14
tpunto1 : = 1.0025235500587
tduepunti0 : = -2.6307469932408E+16
v=v_elettrone : = 13147787.639836
x0= : -6.6588027592861E-13
y0= : -1.3744134115818E-12
```

```
*****
i=60613
k(60613)=0.99934969416828
kQ(60613)=0.99869981123424
r1= : 1.5297610933939E-12
rpunto1: = 10809939.01979
rduepunti0 : = -7.2087935992743E+25
fil : = 506.91720045085
fipunto1 : = 4.8660874877701E+18
fi_gradi : = 29044.216148421
t1 : = 1.0812557407788E-14
tpunto1 : = 1.002520472301
tduepunti0 : = -2.6243110585088E+16
v=v_elettrone : = 13137289.657486
x0= : -6.6564616232818E-13
y0= : -1.3759374906932E-12
*****
i=60614
k(60614)=0.99935071003903
kQ(60614)=0.99870184165551
r1= : 1.5310288689171E-12
rpunto1: = 10801495.128277
rduepunti0 : = -7.1998512882129E+25
fil : = 506.91777113924
fipunto1 : = 4.8580220367169E+18
fi_gradi : = 29044.248846457
t1 : = 1.0812557525363E-14
tpunto1 : = 1.0025174020634
tduepunti0 : = -2.6178988570682E+16
v=v_elettrone : = 13126808.973512
x0= : -6.6541140120488E-13
y0= : -1.3774602244741E-12
*****
i=60615
k(60615)=0.99935172385773
kQ(60615)=0.99870386797741
r1= : 1.5322956541518E-12
rpunto1: = 10793061.698719
rduepunti0 : = -7.190930695601E+25
fil : = 506.91834088171
fipunto1 : = 4.8499829060241E+18
fi_gradi : = 29044.281490296
t1 : = 1.0812557642936E-14
tpunto1 : = 1.0025143393183
tduepunti0 : = -2.6115102703836E+16
v=v_elettrone : = 13116345.534273
x0= : -6.6517599439626E-13
y0= : -1.3789816147928E-12
*****
i=60616
k(60616)=0.99935273563038
kQ(60616)=0.99870589021193
r1= : 1.5335614503249E-12
rpunto1: = 10784638.705723
rduepunti0 : = -7.1820317542581E+25
fil : = 506.91890968137
fipunto1 : = 4.8419699748574E+18
fi_gradi : = 29044.314080116
t1 : = 1.081255776051E-14
tpunto1 : = 1.002511284038
tduepunti0 : = -2.6051451806606E+16
v=v_elettrone : = 13105899.286149
x0= : -6.6493994373287E-13
y0= : -1.3805016635126E-12
```

```
*****
i=60617
k(60617)=0.99935374536298
kQ(60617)=0.99870790837101
r1= : 1.5348262586603E-12
rpunto1: = 10776226.123975
rduepunti0 : = -7.1731543972187E+25
fil : = 506.91947754128
fipunto1 : = 4.8339831230974E+18
fi_gradi : = 29044.346616092
t1 : = 1.0812557878083E-14
tpunto1 : = 1.0025082361953
tduepunti0 : = -2.5988034708413E+16
v=v_elettrone : = 13095470.176813
x0= : -6.6470325103826E-13
y0= : -1.3820203724915E-12
*****
i=60618
k(60618)=0.99935475306146
kQ(60618)=0.99870992246654
r1= : 1.5360900803792E-12
rpunto1: = 10767823.92824
rduepunti0 : = -7.1642985577313E+25
fil : = 506.92004446451
fipunto1 : = 4.8260222313351E+18
fi_gradi : = 29044.3790984
t1 : = 1.0812557995656E-14
tpunto1 : = 1.0025051957627
tduepunti0 : = -2.5924850245978E+16
v=v_elettrone : = 13085058.153128
x0= : -6.6446591812889E-13
y0= : -1.3835377435829E-12
*****
i=60619
k(60619)=0.99935575873178
kQ(60619)=0.99871193251036
r1= : 1.5373529166995E-12
rpunto1: = 10759432.093361
rduepunti0 : = -7.155464169259E+25
fil : = 506.92061045409
fipunto1 : = 4.818087180866E+18
fi_gradi : = 29044.411527215
t1 : = 1.0812558113229E-14
tpunto1 : = 1.0025021627132
tduepunti0 : = -2.5861897263276E+16
v=v_elettrone : = 13074663.163257
x0= : -6.6422794681432E-13
y0= : -1.3850537786347E-12
*****
i=60620
k(60620)=0.99935676237983
kQ(60620)=0.99871393851429
r1= : 1.5386147688364E-12
rpunto1: = 10751050.594257
rduepunti0 : = -7.1466511654785E+25
fil : = 506.92117551306
fipunto1 : = 4.8101778536856E+18
fi_gradi : = 29044.443902709
t1 : = 1.0812558230801E-14
tpunto1 : = 1.0024991370197
tduepunti0 : = -2.5799174611474E+16
v=v_elettrone : = 13064285.154564
x0= : -6.6398933889705E-13
y0= : -1.3865684794901E-12
```

```
*****
i=60621
k(60621)=0.99935776401151
kQ(60621)=0.99871594049009
r1= : 1.5398756380021E-12
rpunto1: = 10742679.405927
rduepunti0 : = -7.1378594802801E+25
fil : = 506.92173964443
fipunto1 : = 4.8022941324842E+18
fi_gradi : = 29044.476225055
t1 : = 1.0812558348373E-14
tpunto1 : = 1.0024961186554
tduepunti0 : = -2.5736681148883E+16
v=v_elettrone : = 13053924.075716
x0= : -6.6375009617274E-13
y0= : -1.3880818479874E-12
*****
i=60622
k(60622)=0.9993587636327
kQ(60622)=0.99871793844947
r1= : 1.5411355254057E-12
rpunto1: = 10734318.503445
rduepunti0 : = -7.1290890477673E+25
fil : = 506.92230285121
fipunto1 : = 4.7944359006418E+18
fi_gradi : = 29044.508494427
t1 : = 1.0812558465944E-14
tpunto1 : = 1.0024931075935
tduepunti0 : = -2.5674415740903E+16
v=v_elettrone : = 13043579.874151
x0= : -6.635102204301E-13
y0= : -1.3895938859599E-12
*****
i=60623
k(60623)=0.99935976124922
kQ(60623)=0.9987199324041
r1= : 1.5423944322536E-12
rpunto1: = 10725967.861964
rduepunti0 : = -7.1203398022568E+25
fil : = 506.92286513639
fipunto1 : = 4.7866030422233E+18
fi_gradi : = 29044.540710995
t1 : = 1.0812558583515E-14
tpunto1 : = 1.0024901038073
tduepunti0 : = -2.561237725997E+16
v=v_elettrone : = 13033252.499061
x0= : -6.6326971345112E-13
y0= : -1.3911045952357E-12
*****
i=60624
k(60624)=0.99936075686691
kQ(60624)=0.99872192236561
r1= : 1.5436523597491E-12
rpunto1: = 10717627.456713
rduepunti0 : = -7.1116116782777E+25
fil : = 506.92342650294
fipunto1 : = 4.7787954419736E+18
fi_gradi : = 29044.572874929
t1 : = 1.0812558701086E-14
tpunto1 : = 1.0024871072705
tduepunti0 : = -2.5550564585504E+16
v=v_elettrone : = 13022941.898829
x0= : -6.6302857701086E-13
y0= : -1.3926139776384E-12
```

```
*****
i=60625
k(60625)=0.99936175049158
kQ(60625)=0.99872390834559
r1= : 1.5449093090929E-12
rpunto1 : = 10709297.262997
rduepunti0 : = -7.1029046105716E+25
fil : = 506.92398695382
fipunto1 : = 4.7710129853127E+18
fi_gradi : = 29044.604986399
t1 : = 1.0812558818656E-14
tpunto1 : = 1.0024841179566
tduepunti0 : = -2.5488976603857E+16
v=v_elettrone : = 13012648.022317
x0= : -6.6278681287768E-13
y0= : -1.3941220349864E-12
*****
i=60626
k(60626)=0.99936274212899
kQ(60626)=0.99872589035558
r1= : 1.5461652814824E-12
rpunto1 : = 10700977.256198
rduepunti0 : = -7.0942185340921E+25
fil : = 506.92454649199
fipunto1 : = 4.7632555583307E+18
fi_gradi : = 29044.637045575
t1 : = 1.0812558936226E-14
tpunto1 : = 1.0024811358395
tduepunti0 : = -2.5427612208262E+16
v=v_elettrone : = 13002370.818876
x0= : -6.6254442281322E-13
y0= : -1.3956287690933E-12
*****
i=60627
k(60627)=0.99936373178491
kQ(60627)=0.99872786840707
r1= : 1.5474202781124E-12
rpunto1 : = 10692667.411774
rduepunti0 : = -7.0855533840043E+25
fil : = 506.92510512038
fipunto1 : = 4.7555230477834E+18
fi_gradi : = 29044.669052623
t1 : = 1.0812559053796E-14
tpunto1 : = 1.002478160893
tduepunti0 : = -2.5366470298781E+16
v=v_elettrone : = 12992110.237902
x0= : -6.6230140857238E-13
y0= : -1.397134181768E-12
*****
i=60628
k(60628)=0.99936471946508
kQ(60628)=0.99872984251152
r1= : 1.5486743001746E-12
rpunto1 : = 10684367.705258
rduepunti0 : = -7.076909095685E+25
fil : = 506.92566284191
fipunto1 : = 4.7478153410874E+18
fi_gradi : = 29044.701007713
t1 : = 1.0812559171365E-14
tpunto1 : = 1.0024751930912
tduepunti0 : = -2.5305549782257E+16
v=v_elettrone : = 12981866.22929
x0= : -6.620577719034E-13
y0= : -1.3986382748143E-12
```

```
*****
i=60629
k(60629)=0.99936570517521
kQ(60629)=0.99873181268034
r1= : 1.5499273488582E-12
rpunto1 : = 10676078.11226
rduepunti0 : = -7.0682856047216E+25
fil : = 506.92621965949
fipunto1 : = 4.740132326315E+18
fi_gradi : = 29044.732911011
t1 : = 1.0812559288934E-14
tpunto1 : = 1.0024722324082
tduepunti0 : = -2.5244849572259E+16
v=v_elettrone : = 12971638.742142
x0= : -6.6181351454782E-13
y0= : -1.4001410500315E-12
*****
i=60630
k(60630)=0.99936668892099
kQ(60630)=0.9987337789249
r1= : 1.5511794253491E-12
rpunto1 : = 10667798.608464
rduepunti0 : = -7.0596828469123E+25
fil : = 506.92677557602
fipunto1 : = 4.7324738921904E+18
fi_gradi : = 29044.764762681
t1 : = 1.0812559406503E-14
tpunto1 : = 1.0024692788184
tduepunti0 : = -2.518436858904E+16
v=v_elettrone : = 12961427.72733
x0= : -6.6156863824073E-13
y0= : -1.4016425092137E-12
*****
i=60631
k(60631)=0.9993676707081
kQ(60631)=0.99873574125653
r1= : 1.5524305308306E-12
rpunto1 : = 10659529.169629
rduepunti0 : = -7.0511007582656E+25
fil : = 506.92733059437
fipunto1 : = 4.7248399280842E+18
fi_gradi : = 29044.79656289
t1 : = 1.0812559524071E-14
tpunto1 : = 1.0024663322961
tduepunti0 : = -2.5124105759481E+16
v=v_elettrone : = 12951233.134524
x0= : -6.6132314471049E-13
y0= : -1.4031426541505E-12
*****
i=60632
k(60632)=0.99936865054219
kQ(60632)=0.99873769968651
r1= : 1.5536806664832E-12
rpunto1 : = 10651269.77159
rduepunti0 : = -7.042539275E+25
fil : = 506.92788471742
fipunto1 : = 4.7172303240094E+18
fi_gradi : = 29044.828311803
t1 : = 1.0812559641639E-14
tpunto1 : = 1.0024633928159
tduepunti0 : = -2.5064060017044E+16
v=v_elettrone : = 12941054.914311
x0= : -6.6107703567904E-13
y0= : -1.4046414866267E-12
```



```
*****
i=60633
k(60633)=0.99936962842888
kQ(60633)=0.99873965422608
r1= : 1.5549298334843E-12
rpunto1 : = 10643020.390256
rduepunti0 : = -7.0339983335432E+25
fil : = 506.92843794803
fipunto1 : = 4.7096449706164E+18
fi_gradi : = 29044.860009582
t1 : = 1.0812559759207E-14
tpunto1 : = 1.0024604603524
tduepunti0 : = -2.5004230301725E+16
v=v_elettrone : = 12930893.017784
x0= : -6.6083031286181E-13
y0= : -1.4061390084222E-12
*****
i=60634
k(60634)=0.9993706043738
kQ(60634)=0.99874160488645
r1= : 1.5561780330088E-12
rpunto1 : = 10634781.001609
rduepunti0 : = -7.0254778705325E+25
fil : = 506.92899028904
fipunto1 : = 4.7020837591892E+18
fi_gradi : = 29044.89165639
t1 : = 1.0812559876774E-14
tpunto1 : = 1.0024575348805
tduepunti0 : = -2.4944615560006E+16
v=v_elettrone : = 12920747.395264
x0= : -6.6058297796766E-13
y0= : -1.4076352213123E-12
*****
i=60635
k(60635)=0.99937157838252
kQ(60635)=0.99874355167878
r1= : 1.5574252662285E-12
rpunto1 : = 10626551.581707
rduepunti0 : = -7.0169778228135E+25
fil : = 506.92954174328
fipunto1 : = 4.69454658164E+18
fi_gradi : = 29044.923252391
t1 : = 1.0812559994341E-14
tpunto1 : = 1.002454616375
tduepunti0 : = -2.4885214744806E+16
v=v_elettrone : = 12910617.998429
x0= : -6.6033503269916E-13
y0= : -1.4091301270675E-12
*****
i=60636
k(60636)=0.99937255046062
kQ(60636)=0.99874549461417
r1= : 1.5586715343126E-12
rpunto1 : = 10618332.106681
rduepunti0 : = -7.0084981274405E+25
fil : = 506.93009231357
fipunto1 : = 4.6870333305056E+18
fi_gradi : = 29044.954797745
t1 : = 1.0812560111907E-14
tpunto1 : = 1.002451704811
tduepunti0 : = -2.4826026815434E+16
v=v_elettrone : = 12900504.778182
x0= : -6.6008647875234E-13
y0= : -1.4106237274537E-12
```

```
*****
i=60637
k(60637)=0.99937352061364
kQ(60637)=0.9987474337037
r1= : 1.5599168384275E-12
rpunto1 : = 10610122.552735
rduepunti0 : = -7.0000387216757E+25
fil : = 506.93064200271
fipunto1 : = 4.6795438989424E+18
fi_gradi : = 29044.986292613
t1 : = 1.0812560229474E-14
tpunto1 : = 1.0024488001637
tduepunti0 : = -2.4767050737546E+16
v=v_elettrone : = 12890407.686386
x0= : -6.5983731781698E-13
y0= : -1.4121160242319E-12
*****
i=60638
k(60638)=0.99937448884711
kQ(60638)=0.99874936895842
r1= : 1.5611611797365E-12
rpunto1 : = 10601922.896148
rduepunti0 : = -6.9915995429889E+25
fil : = 506.93119081351
fipunto1 : = 4.6720781807226E+18
fi_gradi : = 29045.017737155
t1 : = 1.081256034704E-14
tpunto1 : = 1.0024459024083
tduepunti0 : = -2.4708285483091E+16
v=v_elettrone : = 12880326.674972
x0= : -6.5958755157641E-13
y0= : -1.4136070191588E-12
*****
i=60639
k(60639)=0.99937545516653
kQ(60639)=0.9987513003893
r1= : 1.5624045594006E-12
rpunto1 : = 10593733.113271
rduepunti0 : = -6.983180529057E+25
fil : = 506.93173874873
fipunto1 : = 4.6646360702291E+18
fi_gradi : = 29045.049131531
t1 : = 1.0812560464605E-14
tpunto1 : = 1.0024430115201
tduepunti0 : = -2.4649730030273E+16
v=v_elettrone : = 12870261.695115
x0= : -6.5933718170767E-13
y0= : -1.4150967139861E-12
*****
i=60640
k(60640)=0.99937641957738
kQ(60640)=0.99875322800731
r1= : 1.5636469785776E-12
rpunto1 : = 10585553.180527
rduepunti0 : = -6.9747816177637E+25
fil : = 506.93228581115
fipunto1 : = 4.6572174624522E+18
fi_gradi : = 29045.080475899
t1 : = 1.081256058217E-14
tpunto1 : = 1.0024401274748
tduepunti0 : = -2.45913833635E+16
v=v_elettrone : = 12860212.699798
x0= : -6.5908620988163E-13
y0= : -1.416585110461E-12
```

```
*****
i=60641
k(60641)=0.99937738208514
kQ(60641)=0.99875515182335
r1= : 1.5648884384228E-12
rpunto1 : = 10577383.074413
rduepunti0 : = -6.966402747199E+25
fil : = 506.93283200353
fipunto1 : = 4.6498222529846E+18
fi_gradi : = 29045.111770417
t1 : = 1.0812560699735E-14
tpunto1 : = 1.002437250248
tduepunti0 : = -2.4533244473343E+16
v=v_elettrone : = 12850179.640816
x0= : -6.5883463776279E-13
y0= : -1.418072210326E-12
*****
i=60642
k(60642)=0.99937834269525
kQ(60642)=0.9987570718483
r1= : 1.5661289400887E-12
rpunto1 : = 10569222.771497
rduepunti0 : = -6.9580438556589E+25
fil : = 506.93337732861
fipunto1 : = 4.6424503380173E+18
fi_gradi : = 29045.143015242
t1 : = 1.08125608173E-14
tpunto1 : = 1.0024343798153
tduepunti0 : = -2.4475312356486E+16
v=v_elettrone : = 12840162.470917
x0= : -6.5858246700954E-13
y0= : -1.4195580153192E-12
*****
i=60643
k(60643)=0.99937930141313
kQ(60643)=0.99875898809299
r1= : 1.5673684847249E-12
rpunto1 : = 10561072.248422
rduepunti0 : = -6.9497048816449E+25
fil : = 506.93392178912
fipunto1 : = 4.6351016143358E+18
fi_gradi : = 29045.174210532
t1 : = 1.0812560934864E-14
tpunto1 : = 1.0024315161527
tduepunti0 : = -2.4417586015689E+16
v=v_elettrone : = 12830161.142956
x0= : -6.5832969927403E-13
y0= : -1.421042527174E-12
*****
i=60644
k(60644)=0.99938025824418
kQ(60644)=0.9987609005682
r1= : 1.5686070734783E-12
rpunto1 : = 10552931.481899
rduepunti0 : = -6.9413857638635E+25
fil : = 506.93446538778
fipunto1 : = 4.6277759793154E+18
fi_gradi : = 29045.205356441
t1 : = 1.0812561052428E-14
tpunto1 : = 1.0024286592362
tduepunti0 : = -2.4360064459734E+16
v=v_elettrone : = 12820175.609886
x0= : -6.5807633620228E-13
y0= : -1.4225257476191E-12
```

```
*****
i=60645
k(60645)=0.99938121319379
kQ(60645)=0.99876280928468
r1= : 1.5698447074933E-12
rpunto1 : = 10544800.448713
rduepunti0 : = -6.9330864412258E+25
fil : = 506.9350081273
fipunto1 : = 4.6204733309177E+18
fi_gradi : = 29045.236453124
t1 : = 1.0812561169991E-14
tpunto1 : = 1.0024258090418
tduepunti0 : = -2.4302746703393E+16
v=v_elettrone : = 12810205.824776
x0= : -6.5782237943418E-13
y0= : -1.4240076783788E-12
*****
i=60646
k(60646)=0.99938216626732
kQ(60646)=0.99876471425315
r1= : 1.5710813879114E-12
rpunto1 : = 10536679.12572
rduepunti0 : = -6.924806852847E+25
fil : = 506.93555001037
fipunto1 : = 4.613193567686E+18
fi_gradi : = 29045.267500738
t1 : = 1.0812561287554E-14
tpunto1 : = 1.0024229655458
tduepunti0 : = -2.4245631767374E+16
v=v_elettrone : = 12800251.741652
x0= : -6.5756783060354E-13
y0= : -1.4254883211729E-12
*****
i=60647
k(60647)=0.99938311747011
kQ(60647)=0.99876661548428
r1= : 1.5723171158713E-12
rpunto1 : = 10528567.489847
rduepunti0 : = -6.9165469380464E+25
fil : = 506.93609103969
fipunto1 : = 4.6059365887415E+18
fi_gradi : = 29045.298499434
t1 : = 1.0812561405117E-14
tpunto1 : = 1.0024201287245
tduepunti0 : = -2.4188718678285E+16
v=v_elettrone : = 12790313.312947
x0= : -6.57312691338E-13
y0= : -1.4269676777165E-12
*****
i=60648
k(60648)=0.9993840668075
kQ(60648)=0.9987685129887
r1= : 1.5735518925092E-12
rpunto1 : = 10520465.518093
rduepunti0 : = -6.9083066363462E+25
fil : = 506.93663121791
fipunto1 : = 4.5987022937791E+18
fi_gradi : = 29045.329449366
t1 : = 1.081256152268E-14
tpunto1 : = 1.0024172985543
tduepunti0 : = -2.4132006468589E+16
v=v_elettrone : = 12780390.493346
x0= : -6.5705696325938E-13
y0= : -1.4284457497204E-12
```

```
*****
i=60649
k(60649)=0.99938501428478
kQ(60649)=0.99877040677699
r1= : 1.5747857189584E-12
rpunto1: = 10512373.187525
rduepunti0 : = -6.9000858874716E+25
fil : = 506.93717054771
fipunto1 : = 4.5914905830639E+18
fi_gradi : = 29045.360350687
t1 : = 1.0812561640242E-14
tpunto1 : = 1.0024144750118
tduepunti0 : = -2.407549417656E+16
v=v_elettrone : = 12770483.236365
x0= : -6.5680064798333E-13
y0= : -1.4299225388908E-12
*****
i=60650
k(60650)=0.99938595990724
kQ(60650)=0.99877229685971
r1= : 1.5760185963496E-12
rpunto1: = 10504290.475284
rduepunti0 : = -6.8918846313501E+25
fil : = 506.93770903173
fipunto1 : = 4.5843013574266E+18
fi_gradi : = 29045.391203549
t1 : = 1.0812561757804E-14
tpunto1 : = 1.0024116580737
tduepunti0 : = -2.4019180846246E+16
v=v_elettrone : = 12760591.496502
x0= : -6.5654374711963E-13
y0= : -1.4313980469295E-12
*****
i=60651
k(60651)=0.99938690368014
kQ(60651)=0.99877418324738
r1= : 1.577250525811E-12
rpunto1: = 10496217.358578
rduepunti0 : = -6.8837028081113E+25
fil : = 506.9382466726
fipunto1 : = 4.5771345182601E+18
fi_gradi : = 29045.422008102
t1 : = 1.0812561875365E-14
tpunto1 : = 1.0024088477166
tduepunti0 : = -2.3963065527422E+16
v=v_elettrone : = 12750715.227948
x0= : -6.5628626227202E-13
y0= : -1.4328722755336E-12
*****
i=60652
k(60652)=0.99938784560874
kQ(60652)=0.99877606595047
r1= : 1.5784815084677E-12
rpunto1: = 10488153.814686
rduepunti0 : = -6.875540358086E+25
fil : = 506.93878347295
fipunto1 : = 4.5699899675152E+18
fi_gradi : = 29045.452764497
t1 : = 1.0812561992927E-14
tpunto1 : = 1.0024060439176
tduepunti0 : = -2.3907147275553E+16
v=v_elettrone : = 12740854.385009
x0= : -6.560281950384E-13
y0= : -1.4343452263962E-12
```

```
*****
i=60653
k(60653)=0.99938878569825
kQ(60653)=0.99877794497941
r1= : 1.5797115454426E-12
rpunto1: = 10480099.820958
rduepunti0 : = -6.8673972218062E+25
fil : = 506.93931943541
fipunto1 : = 4.5628676076971E+18
fi_gradi : = 29045.483472883
t1 : = 1.0812562110487E-14
tpunto1 : = 1.0024032466537
tduepunti0 : = -2.3851425151751E+16
v=v_elettrone : = 12731008.922557
x0= : -6.5576954701081E-13
y0= : -1.4358169012056E-12
*****
i=60654
k(60654)=0.99938972395388
kQ(60654)=0.99877982034461
r1= : 1.5809406378555E-12
rpunto1: = 10472055.354813
rduepunti0 : = -6.8592733400043E+25
fil : = 506.93985456256
fipunto1 : = 4.5557673418615E+18
fi_gradi : = 29045.51413341
t1 : = 1.0812562228048E-14
tpunto1 : = 1.0024004559018
tduepunti0 : = -2.3795898222736E+16
v=v_elettrone : = 12721178.796024
x0= : -6.5551031977542E-13
y0= : -1.4372873016459E-12
*****
i=60655
k(60655)=0.99939066038082
kQ(60655)=0.99878169205641
r1= : 1.5821687868241E-12
rpunto1: = 10464020.393738
rduepunti0 : = -6.8511686536127E+25
fil : = 506.940388857
fipunto1 : = 4.5486890736107E+18
fi_gradi : = 29045.544746227
t1 : = 1.0812562345608E-14
tpunto1 : = 1.0023976716393
tduepunti0 : = -2.3740565560793E+16
v=v_elettrone : = 12711363.959673
x0= : -6.5525051491248E-13
y0= : -1.4387564293966E-12
*****
i=60656
k(60656)=0.99939159498424
kQ(60656)=0.99878356012515
r1= : 1.5833959934628E-12
rpunto1: = 10455994.915291
rduepunti0 : = -6.8430831037634E+25
fil : = 506.94092232131
fipunto1 : = 4.5416327070899E+18
fi_gradi : = 29045.57531148
t1 : = 1.0812562463168E-14
tpunto1 : = 1.0023948938435
tduepunti0 : = -2.3685426243735E+16
v=v_elettrone : = 12701564.369629
x0= : -6.549901339966E-13
y0= : -1.440224286133E-12
```

```
*****
i=60657
k(60657)=0.99939252776929
kQ(60657)=0.99878542456109
r1= : 1.584622258884E-12
rpunto1 : = 10447978.897096
rduepunti0 : = -6.8350166317876E+25
fil : = 506.94145495806
fipunto1 : = 4.5345981469833E+18
fi_gradi : = 29045.605829318
t1 : = 1.0812562580728E-14
tpunto1 : = 1.0023921224917
tduepunti0 : = -2.3630479354864E+16
v=v_elettrone : = 12691779.980867
x0= : -6.5472917859649E-13
y0= : -1.4416908735261E-12
*****
i=60658
k(60658)=0.9993934587411
kQ(60658)=0.9987872853745
r1= : 1.585847584197E-12
rpunto1 : = 10439972.316848
rduepunti0 : = -6.8269691792148E+25
fil : = 506.9419867698
fipunto1 : = 4.5275852985108E+18
fi_gradi : = 29045.636299887
t1 : = 1.0812562698287E-14
tpunto1 : = 1.0023893575616
tduepunti0 : = -2.3575723982928E+16
v=v_elettrone : = 12682010.749348
x0= : -6.5446765027521E-13
y0= : -1.4431561932424E-12
*****
i=60659
k(60659)=0.99939438790478
kQ(60659)=0.99878914257557
r1= : 1.5870719705087E-12
rpunto1 : = 10431975.152311
rduepunti0 : = -6.8189406877728E+25
fil : = 506.94251775909
fipunto1 : = 4.5205940674241E+18
fi_gradi : = 29045.666723332
t1 : = 1.0812562815846E-14
tpunto1 : = 1.0023865990308
tduepunti0 : = -2.3521159222086E+16
v=v_elettrone : = 12672256.630756
x0= : -6.5420555059003E-13
y0= : -1.444620246944E-12
*****
i=60660
k(60660)=0.99939531526543
kQ(60660)=0.99879099617448
r1= : 1.5882954189235E-12
rpunto1 : = 10423987.381314
rduepunti0 : = -6.8109310993871E+25
fil : = 506.94304792846
fipunto1 : = 4.5136243600029E+18
fi_gradi : = 29045.697099799
t1 : = 1.0812562933404E-14
tpunto1 : = 1.002383846877
tduepunti0 : = -2.346678417187E+16
v=v_elettrone : = 12662517.58134
x0= : -6.5394288109262E-13
y0= : -1.446083036289E-12
```

```
*****
i=60661
k(60661)=0.99939624082811
kQ(60661)=0.99879284618135
r1= : 1.5895179305428E-12
rpunto1 : = 10416008.981756
rduepunti0 : = -6.80294035618E+25
fil : = 506.94357728042
fipunto1 : = 4.5066760830515E+18
fi_gradi : = 29045.727429432
t1 : = 1.0812563050963E-14
tpunto1 : = 1.0023811010781
tduepunti0 : = -2.3412597937141E+16
v=v_elettrone : = 12652793.557062
x0= : -6.5367964332893E-13
y0= : -1.4475445629308E-12
*****
i=60662
k(60662)=0.99939716459788
kQ(60662)=0.99879469260629
r1= : 1.590739506466E-12
rpunto1 : = 10408039.931603
rduepunti0 : = -6.7949684004707E+25
fil : = 506.94410581751
fipunto1 : = 4.4997491438952E+18
fi_gradi : = 29045.757712377
t1 : = 1.0812563168521E-14
tpunto1 : = 1.0023783616121
tduepunti0 : = -2.3358599628059E+16
v=v_elettrone : = 12643084.514477
x0= : -6.5341583883934E-13
y0= : -1.4490048285189E-12
*****
i=60663
k(60663)=0.99939808657979
kQ(60663)=0.99879653545934
r1= : 1.5919601477893E-12
rpunto1 : = 10400080.20889
rduepunti0 : = -6.7870151747744E+25
fil : = 506.94463354221
fipunto1 : = 4.4928434503768E+18
fi_gradi : = 29045.787948775
t1 : = 1.0812563286078E-14
tpunto1 : = 1.002375628457
tduepunti0 : = -2.3304788360038E+16
v=v_elettrone : = 12633390.410268
x0= : -6.5315146915859E-13
y0= : -1.4504638346982E-12
*****
i=60664
k(60664)=0.99939900677884
kQ(60664)=0.99879837475053
r1= : 1.5931798556067E-12
rpunto1 : = 10392129.791717
rduepunti0 : = -6.779080621802E+25
fil : = 506.94516045702
fipunto1 : = 4.4859589108529E+18
fi_gradi : = 29045.818138769
t1 : = 1.0812563403636E-14
tpunto1 : = 1.0023729015909
tduepunti0 : = -2.3251163253716E+16
v=v_elettrone : = 12623711.201291
x0= : -6.5288653581587E-13
y0= : -1.4519215831096E-12
```



```

*****
i=60665
k(60665)=0.99939992520004
kQ(60665)=0.99880021048985
r1= : 1.5943986310096E-12
rpunto1 : = 10384188.658252
rduepunti0 : = -6.7711646844592E+25
fil : = 506.94568656441
fipunto1 : = 4.4790954341905E+18
fi_gradi : = 29045.848282503
t1 : = 1.0812563521193E-14
tpunto1 : = 1.0023701809922
tduepunti0 : = -2.3197723434911E+16
v=v_elettrone : = 12614046.844542
x0= : -6.5262104033478E-13
y0= : -1.4533780753897E-12
*****
i=60666
k(60666)=0.99940084184837
kQ(60666)=0.99880204268724
r1= : 1.5956164750868E-12
rpunto1 : = 10376256.786729
rduepunti0 : = -6.7632673058468E+25
fil : = 506.94621186687
fipunto1 : = 4.4722529297635E+18
fi_gradi : = 29045.878380117
t1 : = 1.0812563638749E-14
tpunto1 : = 1.0023674666393
tduepunti0 : = -2.314446803459E+16
v=v_elettrone : = 12604397.29674
x0= : -6.5235498423341E-13
y0= : -1.4548333131707E-12
*****
i=60667
k(60667)=0.9994017567288
kQ(60667)=0.99880387135261
r1= : 1.5968333889244E-12
rpunto1 : = 10368334.15545
rduepunti0 : = -6.7553884292592E+25
fil : = 506.94673636685
fipunto1 : = 4.4654313074495E+18
fi_gradi : = 29045.908431752
t1 : = 1.0812563756306E-14
tpunto1 : = 1.0023647585105
tduepunti0 : = -2.3091396188829E+16
v=v_elettrone : = 12594762.515634
x0= : -6.5208836902442E-13
y0= : -1.4562872980808E-12
*****
i=60668
k(60668)=0.99940266984626
kQ(60668)=0.99880569649584
r1= : 1.5980493736062E-12
rpunto1 : = 10360420.742781
rduepunti0 : = -6.7475279981848E+25
fil : = 506.9472600668
fipunto1 : = 4.4586304776258E+18
fi_gradi : = 29045.938437549
t1 : = 1.0812563873862E-14
tpunto1 : = 1.0023620565845
tduepunti0 : = -2.3038507038779E+16
v=v_elettrone : = 12585142.458703
x0= : -6.5182119621495E-13
y0= : -1.4577400317439E-12

```

```
*****
i=60669
k(60669)=0.99940358120569
kQ(60669)=0.99880751812676
r1= : 1.5992644302133E-12
rpunto1 : = 10352516.527157
rduepunti0 : = -6.7396859563047E+25
fil : = 506.94778296916
fipunto1 : = 4.4518503511669E+18
fi_gradi : = 29045.968397647
t1 : = 1.0812563991417E-14
tpunto1 : = 1.0023593608399
tduepunti0 : = -2.2985799730629E+16
v=v_elettrone : = 12575537.083138
x0= : -6.5155346730669E-13
y0= : -1.4591915157798E-12
*****
i=60670
k(60670)=0.999404490812
kQ(60670)=0.99880933625518
r1= : 1.6004785598243E-12
rpunto1 : = 10344621.487076
rduepunti0 : = -6.7318622474928E+25
fil : = 506.94830507635
fipunto1 : = 4.4450908394401E+18
fi_gradi : = 29045.998312185
t1 : = 1.0812564108973E-14
tpunto1 : = 1.0023566712556
tduepunti0 : = -2.2933273415574E+16
v=v_elettrone : = 12565946.347184
x0= : -6.51285183796E-13
y0= : -1.460641751804E-12
*****
i=60671
k(60671)=0.99940539867006
kQ(60671)=0.99881115089087
r1= : 1.6016917635153E-12
rpunto1 : = 10336735.601104
rduepunti0 : = -6.7240568158148E+25
fil : = 506.9488263908
fipunto1 : = 4.4383518543032E+18
fi_gradi : = 29046.028181303
t1 : = 1.0812564226528E-14
tpunto1 : = 1.0023539878103
tduepunti0 : = -2.2880927249772E+16
v=v_elettrone : = 12556370.209241
x0= : -6.510163471738E-13
y0= : -1.462090741428E-12
*****
i=60672
k(60672)=0.99940630478477
kQ(60672)=0.99881296204355
r1= : 1.6029040423599E-12
rpunto1 : = 10328858.84787
rduepunti0 : = -6.7162696055282E+25
fil : = 506.9493469149
fipunto1 : = 4.4316333081004E+18
fi_gradi : = 29046.058005137
t1 : = 1.0812564344083E-14
tpunto1 : = 1.0023513104831
tduepunti0 : = -2.2828760394317E+16
v=v_elettrone : = 12546808.627008
x0= : -6.5074695892557E-13
y0= : -1.4635384862592E-12
```

```

*****
i=60673
k(60673)=0.99940720916097
kQ(60673)=0.99881476972293
r1= : 1.6041153974292E-12
rpunto1 : = 10320991.20607
rduepunti0 : = -6.7085005610813E+25
fil : = 506.94986665107
fipunto1 : = 4.4249351136594E+18
fi_gradi : = 29046.087783826
t1 : = 1.0812564461637E-14
tpunto1 : = 1.0023486392531
tduepunti0 : = -2.2776772015203E+16
v=v_elettrone : = 12537261.558791
x0= : -6.5047702053154E-13
y0= : -1.4649849879006E-12
*****
i=60674
k(60674)=0.99940811180351
kQ(60674)=0.99881657393865
r1= : 1.6053258297917E-12
rpunto1 : = 10313132.654463
rduepunti0 : = -6.7007496271128E+25
fil : = 506.95038560168
fipunto1 : = 4.4182571842881E+18
fi_gradi : = 29046.117517506
t1 : = 1.0812564579191E-14
tpunto1 : = 1.0023459740993
tduepunti0 : = -2.2724961283286E+16
v=v_elettrone : = 12527728.963062
x0= : -6.5020653346666E-13
y0= : -1.4664302479513E-12
*****
i=60675
k(60675)=0.99940901271719
kQ(60675)=0.99881837470035
r1= : 1.6065353405136E-12
rpunto1 : = 10305283.171876
rduepunti0 : = -6.6930167484515E+25
fil : = 506.9509037691
fipunto1 : = 4.4115994337714E+18
fi_gradi : = 29046.147206312
t1 : = 1.0812564696745E-14
tpunto1 : = 1.0023433150011
tduepunti0 : = -2.2673327374252E+16
v=v_elettrone : = 12518210.799361
x0= : -6.4993549920059E-13
y0= : -1.4678742680064E-12
*****
i=60676
k(60676)=0.99940991190683
kQ(60676)=0.99882017201762
r1= : 1.6077439306584E-12
rpunto1 : = 10297442.737198
rduepunti0 : = -6.6853018701156E+25
fil : = 506.95142115572
fipunto1 : = 4.4049617763679E+18
fi_gradi : = 29046.176850382
t1 : = 1.0812564814298E-14
tpunto1 : = 1.0023406619378
tduepunti0 : = -2.2621869468585E+16
v=v_elettrone : = 12508707.025628
x0= : -6.496639191976E-13
y0= : -1.4693170496567E-12

```

```
*****
i=60677
k(60677)=0.99941080937721
kQ(60677)=0.99882196590001
r1= : 1.6089516012873E-12
rpunto1: = 10289611.329381
rduepunti0 : = -6.6776049373119E+25
fil : = 506.95193776388
fipunto1 : = 4.3983441268067E+18
fi_gradi : = 29046.206449849
t1 : = 1.0812564931852E-14
tpunto1 : = 1.0023380148889
tduepunti0 : = -2.257058675153E+16
v=v_elettrone : = 12499217.601321
x0= : -6.4939179491688E-13
y0= : -1.4707585944891E-12
*****
i=60678
k(60678)=0.9994117051331
kQ(60678)=0.99882375635704
r1= : 1.6101583534589E-12
rpunto1: = 10281788.927445
rduepunti0 : = -6.6699258954358E+25
fil : = 506.95245359594
fipunto1 : = 4.3917464002844E+18
fi_gradi : = 29046.236004849
t1 : = 1.0812565049405E-14
tpunto1 : = 1.0023353738339
tduepunti0 : = -2.2519478413065E+16
v=v_elettrone : = 12489742.485623
x0= : -6.4911912781235E-13
y0= : -1.4721989040863E-12
*****
i=60679
k(60679)=0.99941259917924
kQ(60679)=0.9988255433982
r1= : 1.6113641882294E-12
rpunto1: = 10273975.51047
rduepunti0 : = -6.6622646900706E+25
fil : = 506.95296865421
fipunto1 : = 4.3851685124618E+18
fi_gradi : = 29046.265515514
t1 : = 1.0812565166957E-14
tpunto1 : = 1.0023327387525
tduepunti0 : = -2.2468543647861E+16
v=v_elettrone : = 12480281.637904
x0= : -6.4884591933275E-13
y0= : -1.4736379800272E-12
*****
i=60680
k(60680)=0.99941349152037
kQ(60680)=0.99882732703294
r1= : 1.6125691066526E-12
rpunto1: = 10266171.057602
rduepunti0 : = -6.6546212669866E+25
fil : = 506.95348294105
fipunto1 : = 4.3786103794612E+18
fi_gradi : = 29046.294981979
t1 : = 1.0812565284509E-14
tpunto1 : = 1.0023301096243
tduepunti0 : = -2.2417781655256E+16
v=v_elettrone : = 12470835.017722
x0= : -6.4857217092166E-13
y0= : -1.4750758238864E-12
```

```
*****
i=60681
k(60681)=0.99941438216121
kQ(60681)=0.99882910727067
r1= : 1.6137731097797E-12
rpunto1 : = 10258375.548049
rduepunti0 : = -6.6469955721411E+25
fil : = 506.95399645875
fipunto1 : = 4.3720719178626E+18
fi_gradi : = 29046.324404377
t1 : = 1.0812565402061E-14
tpunto1 : = 1.0023274864293
tduepunti0 : = -2.2367191639218E+16
v=v_elettrone : = 12461402.584376
x0= : -6.4829788401754E-13
y0= : -1.4765124372347E-12
*****
i=60682
k(60682)=0.99941527110645
kQ(60682)=0.99883088412078
r1= : 1.6149761986597E-12
rpunto1 : = 10250588.961084
rduepunti0 : = -6.6393875516774E+25
fil : = 506.95450920963
fipunto1 : = 4.3655530447013E+18
fi_gradi : = 29046.353782838
t1 : = 1.0812565519613E-14
tpunto1 : = 1.0023248691474
tduepunti0 : = -2.2316772808316E+16
v=v_elettrone : = 12451984.298685
x0= : -6.4802306005381E-13
y0= : -1.4779478216387E-12
*****
i=60683
k(60683)=0.99941615836078
kQ(60683)=0.99883265759261
r1= : 1.6161783743389E-12
rpunto1 : = 10242811.276039
rduepunti0 : = -6.6317971519246E+25
fil : = 506.95502119599
fipunto1 : = 4.3590536774647E+18
fi_gradi : = 29046.383117495
t1 : = 1.0812565637164E-14
tpunto1 : = 1.0023222577585
tduepunti0 : = -2.2266524375685E+16
v=v_elettrone : = 12442580.119879
x0= : -6.4774770045862E-13
y0= : -1.4793819786613E-12
*****
i=60684
k(60684)=0.99941704392885
kQ(60684)=0.99883442769548
r1= : 1.6173796378614E-12
rpunto1 : = 10235042.472314
rduepunti0 : = -6.624224319397E+25
fil : = 506.95553242011
fipunto1 : = 4.352573734089E+18
fi_gradi : = 29046.41240848
t1 : = 1.0812565754715E-14
tpunto1 : = 1.0023196522428
tduepunti0 : = -2.2216445558999E+16
v=v_elettrone : = 12433190.008721
x0= : -6.4747180665522E-13
y0= : -1.4808149098613E-12
```

```
*****
i=60685
k(60685)=0.99941792781533
kQ(60685)=0.99883619443868
r1= : 1.6185799902688E-12
rpunto1: = 10227282.529368
rduepunti0 : = -6.6166690007931E+25
fil : = 506.95604288427
fipunto1 : = 4.3461131329567E+18
fi_gradi : = 29046.441655922
t1 : = 1.0812565872266E-14
tpunto1 : = 1.0023170525804
tduepunti0 : = -2.2166535580435E+16
v=v_elettrone : = 12423813.925275
x0= : -6.4719538006173E-13
y0= : -1.4822466167934E-12
*****
i=60686
k(60686)=0.99941881002483
kQ(60686)=0.99883795783145
r1= : 1.6197794326002E-12
rpunto1: = 10219531.426723
rduepunti0 : = -6.609131142996E+25
fil : = 506.95655259074
fipunto1 : = 4.3396717928932E+18
fi_gradi : = 29046.470859951
t1 : = 1.0812565989817E-14
tpunto1 : = 1.0023144587518
tduepunti0 : = -2.2116793666642E+16
v=v_elettrone : = 12414451.829802
x0= : -6.469184220913E-13
y0= : -1.4836771010087E-12
*****
i=60687
k(60687)=0.99941969056198
kQ(60687)=0.99883971788299
r1= : 1.6209779658924E-12
rpunto1: = 10211789.143963
rduepunti0 : = -6.601610693072E+25
fil : = 506.95706154178
fipunto1 : = 4.3332496331642E+18
fi_gradi : = 29046.500020698
t1 : = 1.0812566107367E-14
tpunto1 : = 1.0023118707372
tduepunti0 : = -2.2067219048714E+16
v=v_elettrone : = 12405103.683648
x0= : -6.4664093415214E-13
y0= : -1.4851063640539E-12
*****
i=60688
k(60688)=0.99942056943136
kQ(60688)=0.99884147460251
r1= : 1.6221755911797E-12
rpunto1: = 10204055.660735
rduepunti0 : = -6.5941075982702E+25
fil : = 506.95756973963
fipunto1 : = 4.3268465734726E+18
fi_gradi : = 29046.52913829
t1 : = 1.0812566224917E-14
tpunto1 : = 1.0023092885171
tduepunti0 : = -2.2017810962158E+16
v=v_elettrone : = 12395769.44703
x0= : -6.4636291764739E-13
y0= : -1.4865344074723E-12
```

```
*****
i=60689
k(60689)=0.99942144663757
kQ(60689)=0.99884322799913
r1= : 1.6233723094943E-12
rpunto1 : = 10196330.956746
rduepunti0 : = -6.5866218060226E+25
fil : = 506.95807718654
fipunto1 : = 4.3204625339555E+18
fi_gradi : = 29046.558212856
t1 : = 1.0812566342466E-14
tpunto1 : = 1.002306712072
tduepunti0 : = -2.1968568646859E+16
v=v_elettrone : = 12386449.081256
x0= : -6.4608437397534E-13
y0= : -1.4879612328029E-12
*****
i=60690
k(60690)=0.99942232218516
kQ(60690)=0.99884497808197
r1= : 1.6245681218657E-12
rpunto1 : = 10188615.011766
rduepunti0 : = -6.5791532639426E+25
fil : = 506.95858388474
fipunto1 : = 4.3140974351818E+18
fi_gradi : = 29046.587244525
t1 : = 1.0812566460015E-14
tpunto1 : = 1.0023041413827
tduepunti0 : = -2.1919491347058E+16
v=v_elettrone : = 12377142.547828
x0= : -6.4580530452933E-13
y0= : -1.489386841581E-12
*****
i=60691
k(60691)=0.99942319607868
kQ(60691)=0.99884672486012
r1= : 1.6257630293211E-12
rpunto1 : = 10180907.805625
rduepunti0 : = -6.5717019198252E+25
fil : = 506.95908983645
fipunto1 : = 4.3077511981489E+18
fi_gradi : = 29046.616233422
t1 : = 1.0812566577564E-14
tpunto1 : = 1.0023015764299
tduepunti0 : = -2.1870578311315E+16
v=v_elettrone : = 12367849.807585
x0= : -6.4552571069772E-13
y0= : -1.4908112353382E-12
*****
i=60692
k(60692)=0.99942406832267
kQ(60692)=0.99884846834263
r1= : 1.6269570328855E-12
rpunto1 : = 10173209.318214
rduepunti0 : = -6.5642677216461E+25
fil : = 506.95959504389
fipunto1 : = 4.3014237442798E+18
fi_gradi : = 29046.645179676
t1 : = 1.0812566695113E-14
tpunto1 : = 1.0022990171943
tduepunti0 : = -2.1821828792483E+16
v=v_elettrone : = 12358570.821994
x0= : -6.4524559386412E-13
y0= : -1.4922344156018E-12
```

```
*****
i=60693
k(60693)=0.99942493892163
kQ(60693)=0.99885020853851
r1= : 1.6281501335813E-12
rpunto1: = 10165519.529486
rduepunti0 : = -6.5568506175613E+25
fil : = 506.96009950924
fipunto1 : = 4.2951149954209E+18
fi_gradi : = 29046.674083412
t1 : = 1.0812566812661E-14
tpunto1 : = 1.0022964636569
tduepunti0 : = -2.1773242047677E+16
v=v_elettrone : = 12349305.552746
x0= : -6.4496495540725E-13
y0= : -1.4936563838956E-12
*****
i=60694
k(60694)=0.99942580788008
kQ(60694)=0.99885194545674
r1= : 1.6293423324288E-12
rpunto1: = 10157838.419454
rduepunti0 : = -6.5494505559063E+25
fil : = 506.96060323472
fipunto1 : = 4.2888248738386E+18
fi_gradi : = 29046.702944756
t1 : = 1.0812566930209E-14
tpunto1 : = 1.0022939157987
tduepunti0 : = -2.1724817338247E+16
v=v_elettrone : = 12340053.96174
x0= : -6.4468379670103E-13
y0= : -1.4950771417396E-12
*****
i=60695
k(60695)=0.99942667520248
kQ(60695)=0.99885367910628
r1= : 1.6305336304457E-12
rpunto1: = 10150165.96819
rduepunti0 : = -6.542067485196E+25
fil : = 506.96110622249
fipunto1 : = 4.2825533022169E+18
fi_gradi : = 29046.731763832
t1 : = 1.0812567047757E-14
tpunto1 : = 1.0022913736008
tduepunti0 : = -2.1676553929745E+16
v=v_elettrone : = 12330816.011086
x0= : -6.4440211911453E-13
y0= : -1.4964966906496E-12
*****
i=60696
k(60696)=0.99942754089331
kQ(60696)=0.99885540949604
r1= : 1.6317240286476E-12
rpunto1: = 10142502.155829
rduepunti0 : = -6.5347013541236E+25
fil : = 506.96160847475
fipunto1 : = 4.2763002036544E+18
fi_gradi : = 29046.760540767
t1 : = 1.0812567165304E-14
tpunto1 : = 1.0022888370443
tduepunti0 : = -2.1628451091902E+16
v=v_elettrone : = 12321591.662671
x0= : -6.4411992401203E-13
y0= : -1.4979150321381E-12
```



```
*****
i=60697
k(60697)=0.99942840495701
kQ(60697)=0.99885713663491
r1= : 1.6329135280475E-12
rpunto1: = 10134846.962563
rduepunti0 : = -6.5273521115607E+25
fil : = 506.96210999365
fipunto1 : = 4.270065501662E+18
fi_gradi : = 29046.789275683
t1 : = 1.0812567282851E-14
tpunto1 : = 1.0022863061106
tduepunti0 : = -2.1580508098594E+16
v=v_elettrone : = 12312380.879031
x0= : -6.4383721275307E-13
y0= : -1.4993321677134E-12
*****
i=60698
k(60698)=0.99942926739803
kQ(60698)=0.99885886053175
r1= : 1.6341021296564E-12
rpunto1: = 10127200.368647
rduepunti0 : = -6.520019706556E+25
fil : = 506.96261078135
fipunto1 : = 4.2638491201597E+18
fi_gradi : = 29046.817968705
t1 : = 1.0812567400398E-14
tpunto1 : = 1.0022837807808
tduepunti0 : = -2.1532724227818E+16
v=v_elettrone : = 12303183.622038
x0= : -6.435539866924E-13
y0= : -1.5007480988803E-12
*****
i=60699
k(60699)=0.99943012822077
kQ(60699)=0.99886058119538
r1= : 1.6352898344827E-12
rpunto1: = 10119562.354391
rduepunti0 : = -6.5127040883355E+25
fil : = 506.96311084
fipunto1 : = 4.2576509834742E+18
fi_gradi : = 29046.846619955
t1 : = 1.0812567517945E-14
tpunto1 : = 1.0022812610365
tduepunti0 : = -2.1485098761659E+16
v=v_elettrone : = 12293999.85422
x0= : -6.4327024718017E-13
y0= : -1.5021628271397E-12
*****
i=60700
k(60700)=0.99943098742965
kQ(60700)=0.9988622986346
r1= : 1.6364766435328E-12
rpunto1: = 10111932.900169
rduepunti0 : = -6.5054052063013E+25
fil : = 506.96361017175
fipunto1 : = 4.2514710163363E+18
fi_gradi : = 29046.875229557
t1 : = 1.0812567635491E-14
tpunto1 : = 1.0022787468591
tduepunti0 : = -2.1437630986269E+16
v=v_elettrone : = 12284829.538792
x0= : -6.4298599556183E-13
y0= : -1.5035763539887E-12
```

```

*****
i=60701
k(60701)=0.99943184502904
kQ(60701)=0.99886401285815
r1= : 1.6376625578103E-12
rpunto1 : = 10104311.986412
rduepunti0 : = -6.4981230100314E+25
fil : = 506.96410877871
fipunto1 : = 4.2453091438783E+18
fi_gradi : = 29046.903797632
t1 : = 1.0812567753037E-14
tpunto1 : = 1.0022762382303
tduepunti0 : = -2.1390320191833E+16
v=v_elettrone : = 12275672.638726
x0= : -6.4270123317807E-13
y0= : -1.5049886809208E-12
*****
i=60702
k(60702)=0.99943270102332
kQ(60702)=0.99886572387477
r1= : 1.6388475783171E-12
rpunto1 : = 10096699.59361
rduepunti0 : = -6.4908574492793E+25
fil : = 506.96460666302
fipunto1 : = 4.2391652916309E+18
fi_gradi : = 29046.932324301
t1 : = 1.0812567870583E-14
tpunto1 : = 1.0022737351317
tduepunti0 : = -2.1343165672545E+16
v=v_elettrone : = 12266529.116334
x0= : -6.4241596136489E-13
y0= : -1.5063998094256E-12
*****
i=60703
k(60703)=0.99943355541685
kQ(60703)=0.99886743169316
r1= : 1.6400317060524E-12
rpunto1 : = 10089095.70231
rduepunti0 : = -6.483608473973E+25
fil : = 506.96510382679
fipunto1 : = 4.2330393855213E+18
fi_gradi : = 29046.960809687
t1 : = 1.0812567988128E-14
tpunto1 : = 1.0022712375451
tduepunti0 : = -2.129616672658E+16
v=v_elettrone : = 12257398.935047
x0= : -6.421301814538E-13
y0= : -1.5078097409892E-12
*****
i=60704
k(60704)=0.99943440821396
kQ(60704)=0.99886913632198
r1= : 1.6412149420133E-12
rpunto1 : = 10081500.293122
rduepunti0 : = -6.4763760342148E+25
fil : = 506.96560027212
fipunto1 : = 4.2269313518702E+18
fi_gradi : = 29046.989253909
t1 : = 1.0812568105673E-14
tpunto1 : = 1.0022687454523
tduepunti0 : = -2.1249322656068E+16
v=v_elettrone : = 12248282.058078
x0= : -6.4184389477167E-13
y0= : -1.5092184770939E-12

```

```
*****
i=60705
k(60705)=0.99943525941898
kQ(60705)=0.99887083776987
r1= : 1.6423972871945E-12
rpunto1 : = 10073913.346711
rduepunti0 : = -6.4691600802806E+25
fil : = 506.9660960011
fipunto1 : = 4.2208411173894E+18
fi_gradi : = 29047.017657087
t1 : = 1.0812568223218E-14
tpunto1 : = 1.0022662588353
tduepunti0 : = -2.1202632767065E+16
v=v_elettrone : = 12239178.449317
x0= : -6.4155710264077E-13
y0= : -1.5106260192181E-12
*****
i=60706
k(60706)=0.99943610903621
kQ(60706)=0.99887253604544
r1= : 1.6435787425885E-12
rpunto1 : = 10066334.843799
rduepunti0 : = -6.4619605626193E+25
fil : = 506.96659101583
fipunto1 : = 4.2147686091791E+18
fi_gradi : = 29047.046019342
t1 : = 1.0812568340762E-14
tpunto1 : = 1.0022637776759
tduepunti0 : = -2.1156096369529E+16
v=v_elettrone : = 12230088.071994
x0= : -6.4126980637873E-13
y0= : -1.512032368837E-12
*****
i=60707
k(60707)=0.99943695706996
kQ(60707)=0.99887423115725
r1= : 1.6447593091857E-12
rpunto1 : = 10058764.76517
rduepunti0 : = -6.4547774318524E+25
fil : = 506.96708531839
fipunto1 : = 4.2087137547256E+18
fi_gradi : = 29047.074340792
t1 : = 1.0812568458306E-14
tpunto1 : = 1.0022613019564
tduepunti0 : = -2.1109712777293E+16
v=v_elettrone : = 12221010.889567
x0= : -6.4098200729872E-13
y0= : -1.5134375274217E-12
*****
i=60708
k(60708)=0.99943780352449
kQ(60708)=0.99887592311385
r1= : 1.6459389879738E-12
rpunto1 : = 10051203.091661
rduepunti0 : = -6.4476106387735E+25
fil : = 506.96757891084
fipunto1 : = 4.2026764818988E+18
fi_gradi : = 29047.102621557
t1 : = 1.081256857585E-14
tpunto1 : = 1.0022588316588
tduepunti0 : = -2.1063481308036E+16
v=v_elettrone : = 12211946.866173
x0= : -6.4069370670942E-13
y0= : -1.5148414964397E-12
```

```
*****
i=60709
k(60709)=0.99943864840407
kQ(60709)=0.99887761192376
r1= : 1.6471177799388E-12
rpunto1 : = 10043649.804171
rduepunti0 : = -6.4404601343474E+25
fil : = 506.96807179525
fipunto1 : = 4.1966567189494E+18
fi_gradi : = 29047.130861753
t1 : = 1.0812568693394E-14
tpunto1 : = 1.0022563667655
tduepunti0 : = -2.1017401283262E+16
v=v_elettrone : = 12202895.966204
x0= : -6.4040490591496E-13
y0= : -1.5162442773552E-12
*****
i=60710
k(60710)=0.99943949171295
kQ(60710)=0.99887929759545
r1= : 1.6482956860642E-12
rpunto1 : = 10036104.883653
rduepunti0 : = -6.43332586971E+25
fil : = 506.96856397366
fipunto1 : = 4.1906543945069E+18
fi_gradi : = 29047.159061499
t1 : = 1.0812568810937E-14
tpunto1 : = 1.0022539072586
tduepunti0 : = -2.0971472028271E+16
v=v_elettrone : = 12193858.15337
x0= : -6.4011560621494E-13
y0= : -1.5176458716284E-12
*****
i=60711
k(60711)=0.99944033345537
kQ(60711)=0.99888098013737
r1= : 1.6494727073311E-12
rpunto1 : = 10028568.311119
rduepunti0 : = -6.4262077961672E+25
fil : = 506.96905544813
fipunto1 : = 4.1846694375769E+18
fi_gradi : = 29047.187220912
t1 : = 1.081256892848E-14
tpunto1 : = 1.0022514531207
tduepunti0 : = -2.0925692872135E+16
v=v_elettrone : = 12184833.391631
x0= : -6.3982580890456E-13
y0= : -1.5190462807161E-12
*****
i=60712
k(60712)=0.99944117363553
kQ(60712)=0.99888265955796
r1= : 1.6506488447186E-12
rpunto1 : = 10021040.067637
rduepunti0 : = -6.419105865195E+25
fil : = 506.9695462207
fipunto1 : = 4.1787017775386E+18
fi_gradi : = 29047.215340109
t1 : = 1.0812569046023E-14
tpunto1 : = 1.0022490043342
tduepunti0 : = -2.088006314767E+16
v=v_elettrone : = 12175821.646094
x0= : -6.3953551527465E-13
y0= : -1.5204455060713E-12
```

```
*****
i=60713
k(60713)=0.99944201225764
kQ(60713)=0.99888433586559
r1= : 1.6518240992035E-12
rpunto1 : = 10013520.134332
rduepunti0 : = -6.4120200284385E+25
fil : = 506.97003629338
fipunto1 : = 4.1727513441426E+18
fi_gradi : = 29047.243419205
t1 : = 1.0812569163566E-14
tpunto1 : = 1.0022465608816
tduepunti0 : = -2.0834582191416E+16
v=v_elettrone : = 12166822.8812
x0= : -6.3924472661151E-13
y0= : -1.5218435491436E-12
*****
i=60714
k(60714)=0.99944284932588
kQ(60714)=0.99888600906864
r1= : 1.6529984717605E-12
rpunto1 : = 10006008.492384
rduepunti0 : = -6.4049502377114E+25
fil : = 506.97052566821
fipunto1 : = 4.1668180675084E+18
fi_gradi : = 29047.271458317
t1 : = 1.0812569281108E-14
tpunto1 : = 1.0022441227456
tduepunti0 : = -2.0789249343606E+16
v=v_elettrone : = 12157837.061642
x0= : -6.3895344419706E-13
y0= : -1.5232404113791E-12
*****
i=60715
k(60715)=0.99944368484444
kQ(60715)=0.99888767917544
r1= : 1.654171963362E-12
rpunto1 : = 9998505.1230328
rduepunti0 : = -6.3978964449955E+25
fil : = 506.97101434719
fipunto1 : = 4.1609018781222E+18
fi_gradi : = 29047.29945756
t1 : = 1.081256939865E-14
tpunto1 : = 1.0022416899089
tduepunti0 : = -2.0744063948147E+16
v=v_elettrone : = 12148864.151897
x0= : -6.3866166930883E-13
y0= : -1.52463609422E-12
*****
i=60716
k(60716)=0.99944451881747
kQ(60716)=0.99888934619428
r1= : 1.6553445749781E-12
rpunto1 : = 9991010.0075712
rduepunti0 : = -6.3908586024403E+25
fil : = 506.97150233232
fipunto1 : = 4.1550027068343E+18
fi_gradi : = 29047.327417049
t1 : = 1.0812569516191E-14
tpunto1 : = 1.0022392623543
tduepunti0 : = -2.0699025352591E+16
v=v_elettrone : = 12139904.117604
x0= : -6.383694032201E-13
y0= : -1.5260305991052E-12
```

```
*****
i=60717
k(60717)=0.9994453512491
kQ(60717)=0.99889101013344
r1= : 1.6565163075768E-12
rpunto1: = 9983523.1273491
rduepunti0 : = -6.3838366623622E+25
fil : = 506.97198962561
fipunto1 : = 4.149120484857E+18
fi_gradi : = 29047.355336898
t1 : = 1.0812569633732E-14
tpunto1 : = 1.0022368400646
tduepunti0 : = -2.0654132908113E+16
v=v_elettrone : = 12130956.923293
x0= : -6.3807664719966E-13
y0= : -1.52742392747E-12
*****
i=60718
k(60718)=0.99944618214348
kQ(60718)=0.99889267100117
r1= : 1.6576871621241E-12
rpunto1: = 9976044.4637722
rduepunti0 : = -6.3768305772441E+25
fil : = 506.97247622904
fipunto1 : = 4.143255143762E+18
fi_gradi : = 29047.38321722
t1 : = 1.0812569751274E-14
tpunto1 : = 1.0022344230227
tduepunti0 : = -2.0609385969486E+16
v=v_elettrone : = 12122022.53465
x0= : -6.377834025121E-13
y0= : -1.5288160807462E-12
*****
i=60719
k(60719)=0.99944701115047
kQ(60719)=0.99889432880568
r1= : 1.6588571395834E-12
rpunto1: = 9968573.9983013
rduepunti0 : = -6.3698402997348E+25
fil : = 506.97296214459
fipunto1 : = 4.1374066154785E+18
fi_gradi : = 29047.411058131
t1 : = 1.0812569868814E-14
tpunto1 : = 1.0022320112117
tduepunti0 : = -2.0564783895058E+16
v=v_elettrone : = 12113100.916701
x0= : -6.3748967041765E-13
y0= : -1.530207060362E-12
*****
i=60720
k(60720)=0.99944783933688
kQ(60720)=0.99889598355515
r1= : 1.6600262409163E-12
rpunto1: = 9961111.712453
rduepunti0 : = -6.3628657826485E+25
fil : = 506.97344737423
fipunto1 : = 4.1315748322906E+18
fi_gradi : = 29047.438859741
t1 : = 1.0812569986355E-14
tpunto1 : = 1.0022296046147
tduepunti0 : = -2.0520326046727E+16
v=v_elettrone : = 12104192.035189
x0= : -6.3719545217231E-13
y0= : -1.5315968677422E-12
```

```
*****
i=60721
k(60721)=0.99944866564409
kQ(60721)=0.99889763525775
r1= : 1.6611944670821E-12
rpunto1 : = 9953657.5877987
rduepunti0 : = -6.3559069789641E+25
fil : = 506.97393191993
fipunto1 : = 4.1257597268351E+18
fi_gradi : = 29047.466622165
t1 : = 1.0812570103895E-14
tpunto1 : = 1.0022272032148
tduepunti0 : = -2.0476011789919E+16
v=v_elettrone : = 12095295.856116
x0= : -6.369007490278E-13
y0= : -1.532985504308E-12
*****
i=60722
k(60722)=0.99944949043041
kQ(60722)=0.9988992839216
r1= : 1.6623618190378E-12
rpunto1 : = 9946211.6059649
rduepunti0 : = -6.3489638418249E+25
fil : = 506.97441578364
fipunto1 : = 4.1199612320994E+18
fi_gradi : = 29047.494345513
t1 : = 1.0812570221435E-14
tpunto1 : = 1.0022248069952
tduepunti0 : = -2.0431840493562E+16
v=v_elettrone : = 12086412.34436
x0= : -6.3660556223154E-13
y0= : -1.5343729714772E-12
*****
i=60723
k(60723)=0.99945031369989
kQ(60723)=0.9989009295548
r1= : 1.6635282977386E-12
rpunto1 : = 9938773.7486328
rduepunti0 : = -6.3420363245379E+25
fil : = 506.97489896731
fipunto1 : = 4.1141792814192E+18
fi_gradi : = 29047.522029898
t1 : = 1.0812570338974E-14
tpunto1 : = 1.0022224159393
tduepunti0 : = -2.0387811530066E+16
v=v_elettrone : = 12077541.466904
x0= : -6.3630989302689E-13
y0= : -1.5357592706641E-12
*****
i=60724
k(60724)=0.99945113545657
kQ(60724)=0.99890257216542
r1= : 1.6646939041371E-12
rpunto1 : = 9931343.9975384
rduepunti0 : = -6.3351243805731E+25
fil : = 506.97538147288
fipunto1 : = 4.1084138084762E+18
fi_gradi : = 29047.549675431
t1 : = 1.0812570456514E-14
tpunto1 : = 1.0022200300305
tduepunti0 : = -2.0343924275297E+16
v=v_elettrone : = 12068683.189144
x0= : -6.3601374265282E-13
y0= : -1.5371444032796E-12
```

```
*****
i=60725
k(60725)=0.99945195570448
kQ(60725)=0.9989042117615
r1= : 1.6658586391842E-12
rpunto1 : = 9923922.3344717
rduepunti0 : = -6.3282279635633E+25
fil : = 506.97586330228
fipunto1 : = 4.1026647472961E+18
fi_gradi : = 29047.577282222
t1 : = 1.0812570574053E-14
tpunto1 : = 1.0022176492521
tduepunti0 : = -2.0300178108557E+16
v=v_elettrone : = 12059837.477673
x0= : -6.3571711234425E-13
y0= : -1.5385283707309E-12
*****
i=60726
k(60726)=0.99945277444763
kQ(60726)=0.99890584835106
r1= : 1.6670225038283E-12
rpunto1 : = 9916508.7412771
rduepunti0 : = -6.3213470273032E+25
fil : = 506.97634445744
fipunto1 : = 4.0969320322461E+18
fi_gradi : = 29047.604850382
t1 : = 1.0812570691592E-14
tpunto1 : = 1.0022152735878
tduepunti0 : = -2.0256572412558E+16
v=v_elettrone : = 12051004.298871
x0= : -6.3542000333185E-13
y0= : -1.5399111744222E-12
*****
i=60727
k(60727)=0.99945359169002
kQ(60727)=0.99890748194209
r1= : 1.6681854990159E-12
rpunto1 : = 9909103.199853
rduepunti0 : = -6.3144815257494E+25
fil : = 506.97682494028
fipunto1 : = 4.0912155980331E+18
fi_gradi : = 29047.632380021
t1 : = 1.081257080913E-14
tpunto1 : = 1.002212903021
tduepunti0 : = -2.0213106573402E+16
v=v_elettrone : = 12042183.618948
x0= : -6.3512241684215E-13
y0= : -1.5412928157539E-12
*****
i=60728
k(60728)=0.99945440743564
kQ(60728)=0.99890911254253
r1= : 1.6693476256913E-12
rpunto1 : = 9901705.6921516
rduepunti0 : = -6.3076314130189E+25
fil : = 506.9773047527
fipunto1 : = 4.0855153797013E+18
fi_gradi : = 29047.659871247
t1 : = 1.0812570926668E-14
tpunto1 : = 1.0022105375356
tduepunti0 : = -2.0169779980559E+16
v=v_elettrone : = 12033375.404361
x0= : -6.3482435409761E-13
y0= : -1.5426732961231E-12
```



```
*****
i=60729
k(60729)=0.99945522168845
kQ(60729)=0.99891074016032
r1= : 1.6705088847966E-12
rpunto1: = 9894316.2001788
rduepunti0 : = -6.3007966433897E+25
fil : = 506.9777838966
fipunto1 : = 4.0798313126302E+18
fi_gradi : = 29047.687324171
t1 : = 1.0812571044206E-14
tpunto1 : = 1.0022081771152
tduepunti0 : = -2.0126592026842E+16
v=v_elettrone : = 12024579.621842
x0= : -6.345258163166E-13
y0= : -1.5440526169237E-12
*****
i=60730
k(60730)=0.99945603445242
kQ(60730)=0.99891236480336
r1= : 1.671669277272E-12
rpunto1: = 9886934.7059937
rduepunti0 : = -6.2939771712992E+25
fil : = 506.97826237389
fipunto1 : = 4.0741633325326E+18
fi_gradi : = 29047.7147389
t1 : = 1.0812571161744E-14
tpunto1 : = 1.0022058217436
tduepunti0 : = -2.0083542108388E+16
v=v_elettrone : = 12015796.238858
x0= : -6.3422680471338E-13
y0= : -1.5454307795458E-12
*****
i=60731
k(60731)=0.99945684573148
kQ(60731)=0.99891398647952
r1= : 1.6728288040553E-12
rpunto1: = 9879561.1917088
rduepunti0 : = -6.2871729513446E+25
fil : = 506.97874018644
fipunto1 : = 4.0685113754522E+18
fi_gradi : = 29047.742115542
t1 : = 1.0812571279281E-14
tpunto1 : = 1.0022034714048
tduepunti0 : = -2.0040629624635E+16
v=v_elettrone : = 12007025.221769
x0= : -6.3392732049807E-13
y0= : -1.5468077853764E-12
*****
i=60732
k(60732)=0.99945765552957
kQ(60732)=0.99891560519666
r1= : 1.6739874660826E-12
rpunto1: = 9872195.6394898
rduepunti0 : = -6.2803839382815E+25
fil : = 506.97921733614
fipunto1 : = 4.0628753777616E+18
fi_gradi : = 29047.769454206
t1 : = 1.0812571396818E-14
tpunto1 : = 1.0022011260826
tduepunti0 : = -1.9997853978298E+16
v=v_elettrone : = 11998266.538116
x0= : -6.3362736487681E-13
y0= : -1.5481836357992E-12
```

```
*****
i=60733
k(60733)=0.99945846385059
kQ(60733)=0.99891722096259
r1= : 1.6751452642875E-12
rpunto1: = 9864838.031555
rduepunti0 : = -6.273610087024E+25
fil : = 506.97969382485
fipunto1 : = 4.0572552761605E+18
fi_gradi : = 29047.796754999
t1 : = 1.0812571514355E-14
tpunto1 : = 1.0021987857611
tduepunti0 : = -1.9955214575354E+16
v=v_elettrone : = 11989520.15481
x0= : -6.3332693905166E-13
y0= : -1.5495583321944E-12
*****
i=60734
k(60734)=0.99945927069846
kQ(60734)=0.99891883378509
r1= : 1.6763021996018E-12
rpunto1: = 9857488.3501756
rduepunti0 : = -6.2668513526439E+25
fil : = 506.98016965445
fipunto1 : = 4.0516510076734E+18
fi_gradi : = 29047.824018026
t1 : = 1.0812571631892E-14
tpunto1 : = 1.0021964504244
tduepunti0 : = -1.9912710825012E+16
v=v_elettrone : = 11980786.039023
x0= : -6.3302604422071E-13
y0= : -1.5509318759388E-12
*****
i=60735
k(60735)=0.99946007607705
kQ(60735)=0.99892044367194
r1= : 1.677458272955E-12
rpunto1: = 9850146.5776752
rduepunti0 : = -6.2601076903701E+25
fil : = 506.98064482678
fipunto1 : = 4.0460625096476E+18
fi_gradi : = 29047.851243396
t1 : = 1.0812571749428E-14
tpunto1 : = 1.0021941200566
tduepunti0 : = -1.9870342139699E+16
v=v_elettrone : = 11972064.15868
x0= : -6.3272468157808E-13
y0= : -1.5523042684061E-12
*****
i=60736
k(60736)=0.99946087999024
kQ(60736)=0.99892205063087
r1= : 1.6786134852748E-12
rpunto1: = 9842812.6964297
rduepunti0 : = -6.2533790555881E+25
fil : = 506.98111934371
fipunto1 : = 4.0404897197511E+18
fi_gradi : = 29047.878431213
t1 : = 1.0812571866964E-14
tpunto1 : = 1.002191794642
tduepunti0 : = -1.9828107935035E+16
v=v_elettrone : = 11963354.481511
x0= : -6.3242285231386E-13
y0= : -1.5536755109663E-12
```

```
*****
i=60737
k(60737)=0.9994616824419
kQ(60737)=0.99892365466959
r1= : 1.6797678374865E-12
rpunto1 : = 9835486.6888673
rduepunti0 : = -6.2466654038396E+25
fil : = 506.98159320706
fipunto1 : = 4.0349325759709E+18
fi_gradi : = 29047.905581583
t1 : = 1.08125719845E-14
tpunto1 : = 1.0021894741649
tduepunti0 : = -1.9786007629814E+16
v=v_elettrone : = 11954656.974615
x0= : -6.3212055761412E-13
y0= : -1.5550456049865E-12
*****
i=60738
k(60738)=0.99946248343586
kQ(60738)=0.99892525579578
r1= : 1.6809213305137E-12
rpunto1 : = 9828168.5374679
rduepunti0 : = -6.2399666908219E+25
fil : = 506.98206641868
fipunto1 : = 4.0293910166107E+18
fi_gradi : = 29047.932694612
t1 : = 1.0812572102035E-14
tpunto1 : = 1.0021871586096
tduepunti0 : = -1.9744040645983E+16
v=v_elettrone : = 11945971.606745
x0= : -6.3181779866113E-13
y0= : -1.5564145518303E-12
*****
i=60739
k(60739)=0.99946328297597
kQ(60739)=0.9989268540171
r1= : 1.6820739652776E-12
rpunto1 : = 9820858.2247635
rduepunti0 : = -6.2332828723871E+25
fil : = 506.9825389804
fipunto1 : = 4.023864980289E+18
fi_gradi : = 29047.959770404
t1 : = 1.0812572219571E-14
tpunto1 : = 1.0021848479606
tduepunti0 : = -1.970220640862E+16
v=v_elettrone : = 11937298.345104
x0= : -6.3151457663306E-13
y0= : -1.557782352858E-12
*****
i=60740
k(60740)=0.99946408106604
kQ(60740)=0.99892844934118
r1= : 1.6832257426976E-12
rpunto1 : = 9813555.7333375
rduepunti0 : = -6.226613904542E+25
fil : = 506.98301089402
fipunto1 : = 4.0183544059372E+18
fi_gradi : = 29047.986809063
t1 : = 1.0812572337105E-14
tpunto1 : = 1.0021825422023
tduepunti0 : = -1.9660504345916E+16
v=v_elettrone : = 11928637.158088
x0= : -6.3121089270432E-13
y0= : -1.5591490094266E-12
```

```
*****
i=60741
k(60741)=0.99946487770988
kQ(60741)=0.99893004177562
r1= : 1.6843766636909E-12
rpunto1 : = 9806261.0458246
rduepunto10 : = -6.2199597434473E+25
fil : = 506.98348216138
fipunto1 : = 4.0128592327977E+18
fi_grad1 : = 29048.013810693
t1 : = 1.081257245464E-14
tpunto1 : = 1.0021802413194
tduepunto10 : = -1.9618933889152E+16
v=v_elettrone : = 11919988.013467
x0= : -6.3090674804536E-13
y0= : -1.56051452289E-12
*****
i=60742
k(60742)=0.99946567291128
kQ(60742)=0.99893163132799
r1= : 1.6855267291728E-12
rpunto1 : = 9798974.144911
rduepunto10 : = -6.2133203454169E+25
fil : = 506.98395278427
fipunto1 : = 4.0073794004218E+18
fi_grad1 : = 29048.040775398
t1 : = 1.0812572572174E-14
tpunto1 : = 1.0021779452964
tduepunto10 : = -1.9577494472682E+16
v=v_elettrone : = 11911350.880683
x0= : -6.3060214382286E-13
y0= : -1.5618788945986E-12
*****
i=60743
k(60743)=0.99946646667402
kQ(60743)=0.99893321800585
r1= : 1.6866759400566E-12
rpunto1 : = 9791695.0133338
rduepunto10 : = -6.2066956669179E+25
fil : = 506.98442276449
fipunto1 : = 4.0019148486679E+18
fi_grad1 : = 29048.067703281
t1 : = 1.0812572689709E-14
tpunto1 : = 1.0021756541181
tduepunto10 : = -1.9536185533912E+16
v=v_elettrone : = 11902725.727144
x0= : -6.3029708119945E-13
y0= : -1.5632421258997E-12
*****
i=60744
k(60744)=0.99946725900187
kQ(60744)=0.99893480181671
r1= : 1.6878242972532E-12
rpunto1 : = 9784423.6338809
rduepunto10 : = -6.2000856645695E+25
fil : = 506.98489210383
fipunto1 : = 3.9964655176995E+18
fi_grad1 : = 29048.094594445
t1 : = 1.0812572807242E-14
tpunto1 : = 1.0021733677692
tduepunto10 : = -1.9495006513277E+16
v=v_elettrone : = 11894112.521947
x0= : -6.2999156133408E-13
y0= : -1.5646042181375E-12
```

```
*****
i=60745
k(60745)=0.99946804989859
kQ(60745)=0.99893638276808
r1= : 1.688971801672E-12
rpunto1: = 9777159.9893911
rduepunti0 : = -6.1934902951428E+25
fil : = 506.98536080408
fipunto1 : = 3.9910313479834E+18
fi_gradi : = 29048.121448991
t1 : = 1.0812572924776E-14
tpunto1 : = 1.0021710862346
tduepunti0 : = -1.9453956854227E+16
v=v_elettrone : = 11885511.234015
x0= : -6.2968558538181E-13
y0= : -1.5659651726525E-12
*****
i=60746
k(60746)=0.99946883936791
kQ(60746)=0.99893796086743
r1= : 1.6901184542201E-12
rpunto1: = 9769904.0627537
rduepunti0 : = -6.1869095155602E+25
fil : = 506.98582886703
fipunto1 : = 3.9856122802879E+18
fi_gradi : = 29048.148267022
t1 : = 1.0812573042309E-14
tpunto1 : = 1.0021688094991
tduepunti0 : = -1.9413036003203E+16
v=v_elettrone : = 11876921.831631
x0= : -6.2937915449386E-13
y0= : -1.5673249907826E-12
*****
i=60747
k(60747)=0.99946962741356
kQ(60747)=0.9989395361222
r1= : 1.6912642558025E-12
rpunto1: = 9762655.8369081
rduepunti0 : = -6.1803432828948E+25
fil : = 506.98629629443
fipunto1 : = 3.9802082556807E+18
fi_gradi : = 29048.17504864
t1 : = 1.0812573159842E-14
tpunto1 : = 1.0021665375477
tduepunti0 : = -1.937224340962E+16
v=v_elettrone : = 11868344.283841
x0= : -6.2907226981775E-13
y0= : -1.5686836738621E-12
*****
i=60748
k(60748)=0.99947041403926
kQ(60748)=0.99894110853981
r1= : 1.6924092073225E-12
rpunto1: = 9755415.2948441
rduepunti0 : = -6.1737915543699E+25
fil : = 506.98676308805
fipunto1 : = 3.9748192155274E+18
fi_gradi : = 29048.201793944
t1 : = 1.0812573277375E-14
tpunto1 : = 1.0021642703654
tduepunti0 : = -1.9331578525849E+16
v=v_elettrone : = 11859778.559984
x0= : -6.2876493249722E-13
y0= : -1.5700412232222E-12
```

```
*****
i=60749
k(60749)=0.99947119924871
kQ(60749)=0.99894267812765
r1= : 1.6935533096812E-12
rpunto1: = 9748182.4196014
rduepunti0 : = -6.1672542873586E+25
fil : = 506.98722924965
fipunto1 : = 3.969445101489E+18
fi_gradi : = 29048.228503037
t1 : = 1.0812573394908E-14
tpunto1 : = 1.0021620079374
tduepunti0 : = -1.9291040807192E+16
v=v_elettrone : = 11851224.629226
x0= : -6.2845714367218E-13
y0= : -1.5713976401909E-12
*****
i=60750
k(60750)=0.99947198304559
kQ(60750)=0.99894424489309
r1= : 1.6946965637777E-12
rpunto1: = 9740957.1942696
rduepunti0 : = -6.160731439383E+25
fil : = 506.98769478099
fipunto1 : = 3.96408585521E+18
fi_gradi : = 29048.255176017
t1 : = 1.081257351244E-14
tpunto1 : = 1.0021597502487
tduepunti0 : = -1.925062971187E+16
v=v_elettrone : = 11842682.461048
x0= : -6.2814890447883E-13
y0= : -1.572752926093E-12
*****
i=60751
k(60751)=0.99947276543359
kQ(60751)=0.99894580884348
r1= : 1.6958389705093E-12
rpunto1: = 9733739.6019879
rduepunti0 : = -6.154222968114E+25
fil : = 506.9881596838
fipunto1 : = 3.958741419871E+18
fi_gradi : = 29048.281812986
t1 : = 1.0812573629972E-14
tpunto1 : = 1.0021574972845
tduepunti0 : = -1.9210344701002E+16
v=v_elettrone : = 11834152.023812
x0= : -6.2784021604962E-13
y0= : -1.5741070822504E-12
*****
i=60752
k(60752)=0.99947354641637
kQ(60752)=0.99894736998612
r1= : 1.696980530771E-12
rpunto1: = 9726529.6259449
rduepunti0 : = -6.1477288313704E+25
fil : = 506.98862395982
fipunto1 : = 3.9534117370767E+18
fi_gradi : = 29048.308414043
t1 : = 1.0812573747504E-14
tpunto1 : = 1.0021552490303
tduepunti0 : = -1.9170185238584E+16
v=v_elettrone : = 11825633.288523
x0= : -6.2753107951345E-13
y0= : -1.5754601099814E-12
```

```
*****
i=60753
k(60753)=0.99947432599758
kQ(60753)=0.99894892832832
r1= : 1.6981212454562E-12
rpunto1: = 9719327.2493786
rduepunti0 : = -6.1412489871188E+25
fil : = 506.98908761078
fipunto1 : = 3.9480967499648E+18
fi_gradi : = 29048.334979286
t1 : = 1.0812573865035E-14
tpunto1 : = 1.0021530054712
tduepunti0 : = -1.9130150791475E+16
v=v_elettrone : = 11817126.223685
x0= : -6.2722149599531E-13
y0= : -1.5768120106016E-12
*****
i=60754
k(60754)=0.99947510418085
kQ(60754)=0.99895048387733
r1= : 1.6992611154561E-12
rpunto1: = 9712132.455576
rduepunti0 : = -6.1347833934727E+25
fil : = 506.98955063841
fipunto1 : = 3.9427964016488E+18
fi_gradi : = 29048.361508815
t1 : = 1.0812573982566E-14
tpunto1 : = 1.0021507665927
tduepunti0 : = -1.9090240829372E+16
v=v_elettrone : = 11808630.799508
x0= : -6.2691146661669E-13
y0= : -1.5781627854231E-12
*****
i=60755
k(60755)=0.99947588096982
kQ(60755)=0.9989520366404
r1= : 1.7004001416599E-12
rpunto1: = 9704945.2278732
rduepunti0 : = -6.1283320086922E+25
fil : = 506.99001304442
fipunto1 : = 3.9375106355272E+18
fi_gradi : = 29048.388002728
t1 : = 1.0812574100097E-14
tpunto1 : = 1.0021485323802
tduepunti0 : = -1.9050454824799E+16
v=v_elettrone : = 11800146.986039
x0= : -6.2660099249534E-13
y0= : -1.5795124357551E-12
*****
i=60756
k(60756)=0.99947665636809
kQ(60756)=0.99895358662474
r1= : 1.7015383249551E-12
rpunto1: = 9697765.5496549
rduepunti0 : = -6.1218947911834E+25
fil : = 506.99047483052
fipunto1 : = 3.9322393952819E+18
fi_gradi : = 29048.414461122
t1 : = 1.0812574217628E-14
tpunto1 : = 1.0021463028194
tduepunti0 : = -1.9010792253086E+16
v=v_elettrone : = 11791674.753165
x0= : -6.2629007474537E-13
y0= : -1.5808609629036E-12
```

```
*****
i=60757
k(60757)=0.99947743037927
kQ(60757)=0.99895513383755
r1= : 1.702675666227E-12
rpunto1: = 9690593.4043547
rduepunti0 : = -6.1154716994979E+25
fil : = 506.99093599842
fipunto1 : = 3.9269826248763E+18
fi_gradi : = 29048.440884097
t1 : = 1.0812574335158E-14
tpunto1 : = 1.0021440778956
tduepunti0 : = -1.8971252592349E+16
v=v_elettrone : = 11783214.070603
x0= : -6.2597871447725E-13
y0= : -1.5822083681717E-12
*****
i=60758
k(60758)=0.99947820300694
kQ(60758)=0.99895667828599
r1= : 1.7038121663591E-12
rpunto1: = 9683428.7754543
rduepunti0 : = -6.1090626923324E+25
fil : = 506.99139654981
fipunto1 : = 3.9217402685541E+18
fi_gradi : = 29048.467271748
t1 : = 1.0812574452688E-14
tpunto1 : = 1.0021418575947
tduepunti0 : = -1.8931835323476E+16
v=v_elettrone : = 11774764.908861
x0= : -6.2566691279792E-13
y0= : -1.583554652859E-12
*****
i=60759
k(60759)=0.99947897425469
kQ(60759)=0.9989582199772
r1= : 1.7049478262328E-12
rpunto1: = 9676271.6464839
rduepunti0 : = -6.1026677285277E+25
fil : = 506.99185648638
fipunto1 : = 3.9165122708367E+18
fi_gradi : = 29048.493624172
t1 : = 1.0812574570218E-14
tpunto1 : = 1.0021396419023
tduepunti0 : = -1.8892539930106E+16
v=v_elettrone : = 11766327.238276
x0= : -6.2535467081068E-13
y0= : -1.5848998182625E-12
*****
i=60760
k(60760)=0.99947974412606
kQ(60760)=0.9989597589183
r1= : 1.7060826467279E-12
rpunto1: = 9669122.0010217
rduepunti0 : = -6.096286767069E+25
fil : = 506.99231580983
fipunto1 : = 3.9112985765223E+18
fi_gradi : = 29048.519941467
t1 : = 1.0812574687748E-14
tpunto1 : = 1.0021374308042
tduepunti0 : = -1.8853365898613E+16
v=v_elettrone : = 11757901.029505
x0= : -6.2504198961525E-13
y0= : -1.5862438656757E-12
```



```
*****
i=60761
k(60761)=0.99948051262463
kQ(60761)=0.99896129511639
r1= : 1.7072166287218E-12
rpunto1: = 9661979.8226939
rduepunti0 : = -6.0899197670846E+25
fil : = 506.99277452181
fipunto1 : = 3.906099130684E+18
fi_gradi : = 29048.546223728
t1 : = 1.0812574805277E-14
tpunto1 : = 1.0021352242862
tduepunti0 : = -1.881431271809E+16
v=v_elettrone : = 11749486.253039
x0= : -6.2472887030774E-13
y0= : -1.5875867963894E-12
*****
i=60762
k(60762)=0.99948127975391
kQ(60762)=0.99896282857852
r1= : 1.7083497730904E-12
rpunto1: = 9654845.0951745
rduepunti0 : = -6.0835666878458E+25
fil : = 506.99323262401
fipunto1 : = 3.9009138786677E+18
fi_gradi : = 29048.57247105
t1 : = 1.0812574922806E-14
tpunto1 : = 1.0021330223342
tduepunti0 : = -1.8775379880327E+16
v=v_elettrone : = 11741082.87875
x0= : -6.2441531398072E-13
y0= : -1.5889286116911E-12
*****
i=60763
k(60763)=0.99948204551745
kQ(60763)=0.99896435931175
r1= : 1.7094820807075E-12
rpunto1: = 9647717.8021849
rduepunti0 : = -6.0772274887664E+25
fil : = 506.9936901181
fipunto1 : = 3.8957427660911E+18
fi_gradi : = 29048.59868353
t1 : = 1.0812575040335E-14
tpunto1 : = 1.0021308249341
tduepunti0 : = -1.8736566879801E+16
v=v_elettrone : = 11732690.878234
x0= : -6.2410132172338E-13
y0= : -1.5902693128653E-12
*****
i=60764
k(60764)=0.99948280991876
kQ(60764)=0.99896588732309
r1= : 1.710613552445E-12
rpunto1: = 9640597.927494
rduepunti0 : = -6.0709021294018E+25
fil : = 506.99414700572
fipunto1 : = 3.8905857388417E+18
fi_gradi : = 29048.624861263
t1 : = 1.0812575157864E-14
tpunto1 : = 1.002128632072
tduepunti0 : = -1.8697873213653E+16
v=v_elettrone : = 11724310.222459
x0= : -6.2378689462124E-13
y0= : -1.5916089011936E-12
```

```
*****
i=60765
k(60765)=0.99948357296133
kQ(60765)=0.99896741261954
r1= : 1.7117441891728E-12
rpunto1: = 9633485.4549183
rduepunti0 : = -6.0645905694492E+25
fil : = 506.99460328853
fipunto1 : = 3.8854427430751E+18
fi_gradi : = 29048.651004342
t1 : = 1.0812575275392E-14
tpunto1 : = 1.0021264437338
tduepunti0 : = -1.8659298381672E+16
v=v_elettrone : = 11715940.881767
x0= : -6.2347203375631E-13
y0= : -1.5929473779545E-12
*****
i=60766
k(60766)=0.99948433464866
kQ(60766)=0.99896893520807
r1= : 1.7128739917592E-12
rpunto1: = 9626380.3683209
rduepunti0 : = -6.0582927687463E+25
fil : = 506.99505896818
fipunto1 : = 3.8803137252135E+18
fi_gradi : = 29048.677112863
t1 : = 1.081257539292E-14
tpunto1 : = 1.0021242599058
tduepunti0 : = -1.8620841886283E+16
v=v_elettrone : = 11707582.827772
x0= : -6.2315674020722E-13
y0= : -1.5942847444234E-12
*****
i=60767
k(60767)=0.99948509498423
kQ(60767)=0.99897045509563
r1= : 1.7140029610703E-12
rpunto1: = 9619282.6516121
rduepunti0 : = -6.0520086872712E+25
fil : = 506.9955140463
fipunto1 : = 3.8751986319442E+18
fi_gradi : = 29048.703186919
t1 : = 1.0812575510448E-14
tpunto1 : = 1.0021220805741
tduepunti0 : = -1.8582503232522E+16
v=v_elettrone : = 11699236.031449
x0= : -6.2284101504904E-13
y0= : -1.5956210018729E-12
*****
i=60768
k(60768)=0.9994858539715
kQ(60768)=0.99897197228914
r1= : 1.7151310979705E-12
rpunto1: = 9612192.2887491
rduepunti0 : = -6.0457382851421E+25
fil : = 506.99596852453
fipunto1 : = 3.8700974102176E+18
fi_gradi : = 29048.729226603
t1 : = 1.0812575627976E-14
tpunto1 : = 1.002119905725
tduepunti0 : = -1.8544281928029E+16
v=v_elettrone : = 11690900.464105
x0= : -6.2252485935341E-13
y0= : -1.5969561515724E-12
```

```
*****
i=60769
k(60769)=0.99948661161393
kQ(60769)=0.9989734867955
r1= : 1.7162584033222E-12
rpunto1: = 9605109.2637353
rduepunti0 : = -6.0394815226163E+25
fil : = 506.9964224045
fipunto1 : = 3.8650100072462E+18
fi_gradi : = 29048.75523201
t1 : = 1.0812575745503E-14
tpunto1 : = 1.0021177353447
tduepunti0 : = -1.8506177483024E+16
v=v_elettrone : = 11682576.096892
x0= : -6.2220827418857E-13
y0= : -1.5982901947884E-12
*****
i=60770
k(60770)=0.99948736791497
kQ(60770)=0.99897499862159
r1= : 1.7173848779859E-12
rpunto1: = 9598033.560621
rduepunti0 : = -6.03323836009E+25
fil : = 506.99687568782
fipunto1 : = 3.8599363705026E+18
fi_gradi : = 29048.781203231
t1 : = 1.081257586303E-14
tpunto1 : = 1.0021155694195
tduepunti0 : = -1.8468189410293E+16
v=v_elettrone : = 11674262.901764
x0= : -6.2189126061933E-13
y0= : -1.5996231327845E-12
*****
i=60771
k(60771)=0.99948812287803
kQ(60771)=0.99897650777426
r1= : 1.7185105228205E-12
rpunto1: = 9590965.1635025
rduepunti0 : = -6.0270087580977E+25
fil : = 506.99732837612
fipunto1 : = 3.8548764477179E+18
fi_gradi : = 29048.80714036
t1 : = 1.0812575980557E-14
tpunto1 : = 1.002113407936
tduepunti0 : = -1.8430317225175E+16
v=v_elettrone : = 11665960.850515
x0= : -6.2157381970706E-13
y0= : -1.6009549668212E-12
*****
i=60772
k(60772)=0.99948887650656
kQ(60772)=0.99897801426034
r1= : 1.7196353386826E-12
rpunto1: = 9583904.0565224
rduepunti0 : = -6.0207926773119E+25
fil : = 506.99778047099
fipunto1 : = 3.8498301868804E+18
fi_gradi : = 29048.833043488
t1 : = 1.0812576098083E-14
tpunto1 : = 1.0021112508806
tduepunti0 : = -1.839256044554E+16
v=v_elettrone : = 11657669.914327
x0= : -6.2125595250966E-13
y0= : -1.6022856981562E-12
```

```
*****
i=60773
k(60773)=0.99948962880394
kQ(60773)=0.99897951808663
r1= : 1.7207593264274E-12
rpunto1: = 9576850.223869
rduepunti0 : = -6.0145900785422E+25
fil : = 506.99823197404
fipunto1 : = 3.8447975362339E+18
fi_gradi : = 29048.858912707
t1 : = 1.081257621561E-14
tpunto1 : = 1.0021090982397
tduepunti0 : = -1.8354918591781E+16
v=v_elettrone : = 11649390.065184
x0= : -6.2093766008177E-13
y0= : -1.6036153280442E-12
*****
i=60774
k(60774)=0.99949037977358
kQ(60774)=0.99898101925993
r1= : 1.7218824869079E-12
rpunto1: = 9569803.6497767
rduepunti0 : = -6.0084009227352E+25
fil : = 506.99868288688
fipunto1 : = 3.8397784442762E+18
fi_gradi : = 29048.88474811
t1 : = 1.0812576333136E-14
tpunto1 : = 1.00210695
tduepunti0 : = -1.8317391186789E+16
v=v_elettrone : = 11641121.27539
x0= : -6.2061894347464E-13
y0= : -1.6049438577369E-12
*****
i=60775
k(60775)=0.99949112941886
kQ(60775)=0.99898251778698
r1= : 1.7230048209754E-12
rpunto1: = 9562764.3185254
rduepunti0 : = -6.0022251709737E+25
fil : = 506.99913321107
fipunto1 : = 3.8347728597577E+18
fi_gradi : = 29048.910549786
t1 : = 1.0812576450662E-14
tpunto1 : = 1.0021048061481
tduepunti0 : = -1.8279977755945E+16
v=v_elettrone : = 11632863.516641
x0= : -6.2029980373609E-13
y0= : -1.6062712884831E-12
*****
i=60776
k(60776)=0.99949187774315
kQ(60776)=0.99898401367453
r1= : 1.7241263294793E-12
rpunto1: = 9555732.2144404
rduepunti0 : = -5.9960627844764E+25
fil : = 506.99958294822
fipunto1 : = 3.8297807316795E+18
fi_gradi : = 29048.936317826
t1 : = 1.0812576568187E-14
tpunto1 : = 1.0021026666707
tduepunti0 : = -1.8242677827099E+16
v=v_elettrone : = 11624616.760947
x0= : -6.1998024191066E-13
y0= : -1.6075976215287E-12
```

```
*****
i=60777
k(60777)=0.99949262474983
kQ(60777)=0.9989855069293
r1= : 1.7252470132672E-12
rpunto1: = 9548707.3218925
rduepunti0 : = -5.9899137245974E+25
fil : = 507.0000320999
fipunto1 : = 3.8248020092924E+18
fi_gradi : = 29048.962052322
t1 : = 1.0812576685712E-14
tpunto1 : = 1.0021005315545
tduepunti0 : = -1.8205490930559E+16
v=v_elettrone : = 11616380.980666
x0= : -6.1966025903961E-13
y0= : -1.6089228581168E-12
*****
i=60778
k(60778)=0.99949337044222
kQ(60778)=0.99898699755796
r1= : 1.726366873185E-12
rpunto1: = 9541689.6252975
rduepunti0 : = -5.9837779528255E+25
fil : = 507.00048066769
fipunto1 : = 3.8198366420952E+18
fi_gradi : = 29048.987753363
t1 : = 1.0812576803237E-14
tpunto1 : = 1.0020984007863
tduepunti0 : = -1.8168416599073E+16
v=v_elettrone : = 11608156.148483
x0= : -6.1933985616085E-13
y0= : -1.6102469994874E-12
*****
i=60779
k(60779)=0.99949411482369
kQ(60779)=0.99898848556719
r1= : 1.7274859100764E-12
rpunto1: = 9534679.1091164
rduepunti0 : = -5.977655430784E+25
fil : = 507.00092865314
fipunto1 : = 3.8148845798329E+18
fi_gradi : = 29049.013421038
t1 : = 1.0812576920762E-14
tpunto1 : = 1.002096274353
tduepunti0 : = -1.8131454367814E+16
v=v_elettrone : = 11599942.236456
x0= : -6.1901903430895E-13
y0= : -1.6115700468778E-12
*****
i=60780
k(60780)=0.99949485789755
kQ(60780)=0.99898997096364
r1= : 1.7286041247836E-12
rpunto1: = 9527675.7578549
rduepunti0 : = -5.97154612023E+25
fil : = 507.00137605781
fipunto1 : = 3.8099457724959E+18
fi_gradi : = 29049.039055438
t1 : = 1.0812577038287E-14
tpunto1 : = 1.0020941522416
tduepunti0 : = -1.8094603774364E+16
v=v_elettrone : = 11591739.216996
x0= : -6.1869779451525E-13
y0= : -1.6128920015222E-12
```

```
*****
i=60781
k(60781)=0.99949559966711
kQ(60781)=0.99899145375392
r1= : 1.729721518147E-12
rpunto1 : = 9520679.5560634
rduepunti0 : = -5.9654499830539E+25
fil : = 507.00182288328
fipunto1 : = 3.8050201703179E+18
fi_gradi : = 29049.064656651
t1 : = 1.0812577155811E-14
tpunto1 : = 1.0020920344388
tduepunti0 : = -1.8057864358702E+16
v=v_elettrone : = 11583547.063312
x0= : -6.1837613780788E-13
y0= : -1.6142128646523E-12
*****
i=60782
k(60782)=0.99949634013569
kQ(60782)=0.99899293394465
r1= : 1.730838091005E-12
rpunto1 : = 9513690.488337
rduepunti0 : = -5.9593669812791E+25
fil : = 507.00226913107
fipunto1 : = 3.8001077237748E+18
fi_gradi : = 29049.090224766
t1 : = 1.0812577273335E-14
tpunto1 : = 1.0020899209318
tduepunti0 : = -1.8021235663187E+16
v=v_elettrone : = 11575365.747999
x0= : -6.1805406521158E-13
y0= : -1.6155326374965E-12
*****
i=60783
k(60783)=0.99949707930658
kQ(60783)=0.99899441154239
r1= : 1.7319538441942E-12
rpunto1 : = 9506708.5393148
rduepunti0 : = -5.9532970770612E+25
fil : = 507.00271480274
fipunto1 : = 3.7952083835831E+18
fi_gradi : = 29049.115759872
t1 : = 1.0812577390859E-14
tpunto1 : = 1.0020878117077
tduepunti0 : = -1.7984717232543E+16
v=v_elettrone : = 11567195.244
x0= : -6.177315777479E-13
y0= : -1.6168513212806E-12
*****
i=60784
k(60784)=0.99949781718306
kQ(60784)=0.9989958865537
r1= : 1.7330687785496E-12
rpunto1 : = 9499733.6936806
rduepunti0 : = -5.947240232688E+25
fil : = 507.00315989982
fipunto1 : = 3.7903221006988E+18
fi_gradi : = 29049.141262056
t1 : = 1.0812577508382E-14
tpunto1 : = 1.0020857067535
tduepunti0 : = -1.7948308613844E+16
v=v_elettrone : = 11559035.523631
x0= : -6.1740867643514E-13
y0= : -1.6181689172277E-12
```

```
*****
i=60785
k(60785)=0.9994985537684
kQ(60785)=0.99899735898512
r1= : 1.7341828949042E-12
rpunto1: = 9492765.936162
rduepunti0 : = -5.9411964105785E+25
fil : = 507.00360442384
fipunto1 : = 3.7854488263154E+18
fi_gradi : = 29049.166731406
t1 : = 1.0812577625906E-14
tpunto1 : = 1.0020836060565
tduepunti0 : = -1.7912009356502E+16
v=v_elettrone : = 11550886.560511
x0= : -6.1708536228851E-13
y0= : -1.6194854265577E-12
*****
i=60786
k(60786)=0.99949928906586
kQ(60786)=0.99899882884316
r1= : 1.7352961940893E-12
rpunto1: = 9485805.2515306
rduepunti0 : = -5.9351655732827E+25
fil : = 507.00404837633
fipunto1 : = 3.7805885118631E+18
fi_gradi : = 29049.192168011
t1 : = 1.0812577743429E-14
tpunto1 : = 1.0020815096038
tduepunti0 : = -1.7875819012249E+16
v=v_elettrone : = 11542748.327643
x0= : -6.1676163631992E-13
y0= : -1.6208008504879E-12
*****
i=60787
k(60787)=0.99950002307869
kQ(60787)=0.99900029613431
r1= : 1.7364086769344E-12
rpunto1: = 9478851.6246017
rduepunti0 : = -5.929147683481E+25
fil : = 507.00449175881
fipunto1 : = 3.7757411090068E+18
fi_gradi : = 29049.217571955
t1 : = 1.0812577860952E-14
tpunto1 : = 1.0020794173827
tduepunti0 : = -1.7839737135125E+16
v=v_elettrone : = 11534620.797893
x0= : -6.164374995381E-13
y0= : -1.6221151902328E-12
*****
i=60788
k(60788)=0.99950075581013
kQ(60788)=0.99900176086503
r1= : 1.7375203442672E-12
rpunto1: = 9471905.0402343
rduepunti0 : = -5.9231427039838E+25
fil : = 507.0049345728
fipunto1 : = 3.7709065696454E+18
fi_gradi : = 29049.242943328
t1 : = 1.0812577978474E-14
tpunto1 : = 1.0020773293806
tduepunti0 : = -1.7803763281464E+16
v=v_elettrone : = 11526503.945433
x0= : -6.1611295294871E-13
y0= : -1.623428447004E-12
```

```
*****
i=60789
k(60789)=0.99950148726341
kQ(60789)=0.99900322304177
r1= : 1.7386311969137E-12
rpunto1 : = 9464965.4833308
rduepunti0 : = -5.9171505977311E+25
fil : = 507.00537681979
fipunto1 : = 3.7660848459098E+18
fi_gradi : = 29049.268282214
t1 : = 1.0812578095997E-14
tpunto1 : = 1.0020752455849
tduepunti0 : = -1.7767897009877E+16
v=v_elettrone : = 11518397.743332
x0= : -6.1578799755407E-13
y0= : -1.6247406220104E-12
*****
i=60790
k(60790)=0.99950221744174
kQ(60790)=0.99900468267096
r1= : 1.739741235698E-12
rpunto1 : = 9458032.938837
rduepunti0 : = -5.9111713277917E+25
fil : = 507.0058185013
fipunto1 : = 3.7612758901619E+18
fi_gradi : = 29049.293588701
t1 : = 1.0812578213519E-14
tpunto1 : = 1.0020731659829
tduepunti0 : = -1.773213788124E+16
v=v_elettrone : = 11510302.164539
x0= : -6.1546263435345E-13
y0= : -1.6260517164581E-12
*****
i=60791
k(60791)=0.99950294634833
kQ(60791)=0.999006139759
r1= : 1.7408504614425E-12
rpunto1 : = 9451107.3917417
rduepunti0 : = -5.9052048573632E+25
fil : = 507.00625961882
fipunto1 : = 3.756479654993E+18
fi_gradi : = 29049.318862873
t1 : = 1.081257833104E-14
tpunto1 : = 1.0020710905622
tduepunti0 : = -1.7696485458682E+16
v=v_elettrone : = 11502217.183302
x0= : -6.1513686434308E-13
y0= : -1.6273617315502E-12
*****
i=60792
k(60792)=0.99950367398638
kQ(60792)=0.99900759431227
r1= : 1.741958874968E-12
rpunto1 : = 9444188.8270769
rduepunti0 : = -5.899251149771E+25
fil : = 507.00670017385
fipunto1 : = 3.7516960932226E+18
fi_gradi : = 29049.344104816
t1 : = 1.0812578448562E-14
tpunto1 : = 1.0020690193103
tduepunti0 : = -1.7660939307567E+16
v=v_elettrone : = 11494142.773739
x0= : -6.1481068851597E-13
y0= : -1.6286706684874E-12
```



```
*****
i=60793
k(60793)=0.99950440035906
kQ(60793)=0.99900904633712
r1= : 1.7430664770932E-12
rpunto1: = 9437277.2299174
rduepunti0 : = -5.8933101684682E+25
fil : = 507.00714016787
fipunto1 : = 3.7469251578972E+18
fi_gradi : = 29049.369314617
t1 : = 1.0812578566083E-14
tpunto1 : = 1.0020669522149
tduepunti0 : = -1.7625498995482E+16
v=v_elettrone : = 11486078.90888
x0= : -6.1448410786194E-13
y0= : -1.6299785284674E-12
*****
i=60794
k(60794)=0.99950512546955
kQ(60794)=0.99901049583991
r1= : 1.7441732686353E-12
rpunto1: = 9430372.5853805
rduepunti0 : = -5.8873818770352E+25
fil : = 507.00757960235
fipunto1 : = 3.7421668022885E+18
fi_gradi : = 29049.394492358
t1 : = 1.0812578683604E-14
tpunto1 : = 1.0020648892634
tduepunti0 : = -1.7590164092226E+16
v=v_elettrone : = 11478025.562576
x0= : -6.1415712336787E-13
y0= : -1.6312853126853E-12
*****
i=60795
k(60795)=0.99950584932102
kQ(60795)=0.99901194282693
r1= : 1.7452792504098E-12
rpunto1: = 9423474.8786265
rduepunti0 : = -5.8814662391786E+25
fil : = 507.00801847879
fipunto1 : = 3.7374209798927E+18
fi_gradi : = 29049.419638125
t1 : = 1.0812578801125E-14
tpunto1 : = 1.0020628304437
tduepunti0 : = -1.755493416979E+16
v=v_elettrone : = 11469982.709522
x0= : -6.1382973601757E-13
y0= : -1.6325910223331E-12
*****
i=60796
k(60796)=0.99950657191661
kQ(60796)=0.9990133873045
r1= : 1.7463844232302E-12
rpunto1: = 9416584.0948577
rduepunti0 : = -5.8755632187317E+25
fil : = 507.00845679863
fipunto1 : = 3.7326876444285E+18
fi_gradi : = 29049.444752003
t1 : = 1.0812578918646E-14
tpunto1 : = 1.0020607757434
tduepunti0 : = -1.7519808802351E+16
v=v_elettrone : = 11461950.323795
x0= : -6.1350194679169E-13
y0= : -1.6338956586006E-12
```

```
*****
i=60797
k(60797)=0.99950729325947
kQ(60797)=0.99901482927888
r1= : 1.7474887879085E-12
rpunto1: = 9409700.2193188
rduepunti0 : = -5.8696727796531E+25
fil : = 507.00889456336
fipunto1 : = 3.7279667498365E+18
fi_gradi : = 29049.469834074
t1 : = 1.0812579036166E-14
tpunto1 : = 1.0020587251503
tduepunti0 : = -1.7484787566254E+16
v=v_elettrone : = 11453928.378866
x0= : -6.1317375666777E-13
y0= : -1.6351992226744E-12
*****
i=60798
k(60798)=0.99950801335273
kQ(60798)=0.99901626875632
r1= : 1.7485923452549E-12
rpunto1: = 9402823.2372968
rduepunti0 : = -5.8637948860268E+25
fil : = 507.00933177443
fipunto1 : = 3.7232582502773E+18
fi_gradi : = 29049.494884423
t1 : = 1.0812579153686E-14
tpunto1 : = 1.0020566786524
tduepunti0 : = -1.7449870039999E+16
v=v_elettrone : = 11445916.849526
x0= : -6.128451666205E-13
y0= : -1.6365017157387E-12
*****
i=60799
k(60799)=0.99950873219951
kQ(60799)=0.99901770574307
r1= : 1.7496950960778E-12
rpunto1: = 9395953.1341205
rduepunti0 : = -5.8579295020616E+25
fil : = 507.0097684333
fipunto1 : = 3.7185621001306E+18
fi_gradi : = 29049.519903133
t1 : = 1.0812579271206E-14
tpunto1 : = 1.0020546362374
tduepunti0 : = -1.7415055804229E+16
v=v_elettrone : = 11437915.71043
x0= : -6.1251617762143E-13
y0= : -1.6378031389749E-12
*****
i=60800
k(60800)=0.99950944980291
kQ(60800)=0.99901914024532
r1= : 1.7507970411839E-12
rpunto1: = 9389089.8951606
rduepunti0 : = -5.8520765920905E+25
fil : = 507.0102045414
fipunto1 : = 3.7138782539937E+18
fi_gradi : = 29049.544890287
t1 : = 1.0812579388726E-14
tpunto1 : = 1.0020525978933
tduepunti0 : = -1.7380344441718E+16
v=v_elettrone : = 11429924.935158
x0= : -6.1218679063905E-13
y0= : -1.6391034935615E-12
```

```
*****
i=60801
k(60801)=0.99951016616605
kQ(60801)=0.99902057226928
r1= : 1.7518981813784E-12
rpunto1: = 9382233.5058293
rduepunti0 : = -5.8462361205705E+25
fil : = 507.01064010019
fipunto1 : = 3.7092066666804E+18
fi_gradi : = 29049.569845967
t1 : = 1.0812579506245E-14
tpunto1 : = 1.0020505636081
tduepunti0 : = -1.7345735537355E+16
v=v_elettrone : = 11421944.49908
x0= : -6.1185700663899E-13
y0= : -1.6404027806747E-12
*****
i=60802
k(60802)=0.999510881292
kQ(60802)=0.99902200182111
r1= : 1.7529985174645E-12
rpunto1: = 9375383.9515806
rduepunti0 : = -5.8404080520818E+25
fil : = 507.01107511111
fipunto1 : = 3.7045472932196E+18
fi_gradi : = 29049.594770256
t1 : = 1.0812579623765E-14
tpunto1 : = 1.0020485333698
tduepunti0 : = -1.7311228678132E+16
v=v_elettrone : = 11413974.37697
x0= : -6.1152682658379E-13
y0= : -1.6417010014876E-12
*****
i=60803
k(60803)=0.99951159518385
kQ(60803)=0.99902342890696
r1= : 1.7540980502438E-12
rpunto1: = 9368541.2179097
rduepunti0 : = -5.8345923513276E+25
fil : = 507.01150957557
fipunto1 : = 3.6999000888542E+18
fi_gradi : = 29049.619663237
t1 : = 1.0812579741284E-14
tpunto1 : = 1.0020465071665
tduepunti0 : = -1.7276823453134E+16
v=v_elettrone : = 11406014.542505
x0= : -6.1119625143293E-13
y0= : -1.6429981571709E-12
*****
i=60804
k(60804)=0.99951230784466
kQ(60804)=0.99902485353296
r1= : 1.7551967805163E-12
rpunto1: = 9361705.2903532
rduepunti0 : = -5.8287889831337E+25
fil : = 507.01194349501
fipunto1 : = 3.6952650090397E+18
fi_gradi : = 29049.64452499
t1 : = 1.0812579858802E-14
tpunto1 : = 1.0020444849864
tduepunti0 : = -1.7242519453523E+16
v=v_elettrone : = 11398064.971656
x0= : -6.1086528214319E-13
y0= : -1.6442942488926E-12
```

```

*****
i=60805
k(60805)=0.9995130192775
kQ(60805)=0.99902627570522
r1= : 1.7562947090801E-12
rpunto1: = 9354876.1544888
rduepunti0 : = -5.8229979124477E+25
fil : = 507.01237687087
fipunto1 : = 3.6906420094429E+18
fi_gradi : = 29049.669355597
t1 : = 1.0812579976321E-14
tpunto1 : = 1.0020424668175
tduepunti0 : = -1.7208316272526E+16
v=v_elettrone : = 11390125.639317
x0= : -6.1053391966814E-13
y0= : -1.6455892778179E-12
*****
i=60806
k(60806)=0.9995137294854
kQ(60806)=0.99902769542982
r1= : 1.7573918367318E-12
rpunto1: = 9348053.7959349
rduepunti0 : = -5.8172191043388E+25
fil : = 507.01280970454
fipunto1 : = 3.6860310459411E+18
fi_gradi : = 29049.69415514
t1 : = 1.0812580093839E-14
tpunto1 : = 1.0020404526482
tduepunti0 : = -1.7174213505424E+16
v=v_elettrone : = 11382196.519755
x0= : -6.1020216495843E-13
y0= : -1.6468832451096E-12
*****
i=60807
k(60807)=0.99951443847142
kQ(60807)=0.99902911271284
r1= : 1.7584881642662E-12
rpunto1: = 9341238.2003512
rduepunti0 : = -5.8114525239975E+25
fil : = 507.01324199744
fipunto1 : = 3.6814320746203E+18
fi_gradi : = 29049.718923699
t1 : = 1.0812580211357E-14
tpunto1 : = 1.0020384424667
tduepunti0 : = -1.7140210749538E+16
v=v_elettrone : = 11374277.588104
x0= : -6.0987001896194E-13
y0= : -1.6481761519276E-12
*****
i=60808
k(60808)=0.99951514623857
kQ(60808)=0.99903052756032
r1= : 1.7595836924764E-12
rpunto1: = 9334429.3534377
rduepunti0 : = -5.8056981367346E+25
fil : = 507.01367375099
fipunto1 : = 3.6768450517745E+18
fi_gradi : = 29049.743661354
t1 : = 1.0812580328875E-14
tpunto1 : = 1.0020364362613
tduepunti0 : = -1.7106307604215E+16
v=v_elettrone : = 11366368.820333
x0= : -6.095374826236E-13
y0= : -1.6494679994292E-12

```

```
*****
i=60809
k(60809)=0.99951585278988
kQ(60809)=0.99903193997828
r1= : 1.760678422154E-12
rpunto1: = 9327627.240935
rduepunti0 : = -5.7999559079814E+25
fil : = 507.01410496657
fipunto1 : = 3.672269933904E+18
fi_gradi : = 29049.768368187
t1 : = 1.0812580446392E-14
tpunto1 : = 1.0020344340204
tduepunti0 : = -1.7072503670823E+16
v=v_elettrone : = 11358470.191334
x0= : -6.0920455688531E-13
y0= : -1.6507587887693E-12
*****
i=60810
k(60810)=0.99951655812835
kQ(60810)=0.99903334997275
r1= : 1.7617723540887E-12
rpunto1: = 9320831.8486242
rduepunti0 : = -5.7942258032888E+25
fil : = 507.01453564559
fipunto1 : = 3.6677066777148E+18
fi_gradi : = 29049.793044277
t1 : = 1.081258056391E-14
tpunto1 : = 1.0020324357323
tduepunti0 : = -1.7038798552728E+16
v=v_elettrone : = 11350581.67636
x0= : -6.0887124268616E-13
y0= : -1.6520485210999E-12
*****
i=60811
k(60811)=0.99951726225698
kQ(60811)=0.9990347575497
r1= : 1.7628654890686E-12
rpunto1: = 9314043.1623266
rduepunti0 : = -5.7885077883269E+25
fil : = 507.01496578944
fipunto1 : = 3.6631552401169E+18
fi_gradi : = 29049.817689704
t1 : = 1.0812580681427E-14
tpunto1 : = 1.0020304413857
tduepunti0 : = -1.700519185529E+16
v=v_elettrone : = 11342703.251023
x0= : -6.0853754096237E-13
y0= : -1.6533371975706E-12
*****
i=60812
k(60812)=0.99951796517876
kQ(60812)=0.9990361627151
r1= : 1.7639578278803E-12
rpunto1: = 9307261.1679037
rduepunti0 : = -5.7828018288849E+25
fil : = 507.0153953995
fipunto1 : = 3.6586155782234E+18
fi_gradi : = 29049.842304548
t1 : = 1.0812580798943E-14
tpunto1 : = 1.0020284509688
tduepunti0 : = -1.697168318585E+16
v=v_elettrone : = 11334834.890834
x0= : -6.0820345264725E-13
y0= : -1.6546248193283E-12
```

```
*****
i=60813
k(60813)=0.99951866689667
kQ(60813)=0.9990375654749
r1= : 1.7650493713086E-12
rpunto1: = 9300485.851257
rduepunti0 : = -5.7771078908703E+25
fil : = 507.01582447715
fipunto1 : = 3.654087649349E+18
fi_gradi : = 29049.866888886
t1 : = 1.081258091646E-14
tpunto1 : = 1.0020264644704
tduepunti0 : = -1.6938272153714E+16
v=v_elettrone : = 11326976.571171
x0= : -6.0786897867131E-13
y0= : -1.6559113875173E-12
*****
i=60814
k(60814)=0.99951936741367
kQ(60814)=0.99903896583502
r1= : 1.7661401201366E-12
rpunto1: = 9293717.1983276
rduepunti0 : = -5.7714259403084E+25
fil : = 507.01625302377
fipunto1 : = 3.6495714110096E+18
fi_gradi : = 29049.891442799
t1 : = 1.0812581033976E-14
tpunto1 : = 1.002024481879
tduepunti0 : = -1.6904958370146E+16
v=v_elettrone : = 11319128.268287
x0= : -6.0753411996221E-13
y0= : -1.6571969032794E-12
*****
i=60815
k(60815)=0.99952006673272
kQ(60815)=0.99904036380138
r1= : 1.7672300751458E-12
rpunto1: = 9286955.1950965
rduepunti0 : = -5.7657559433421E+25
fil : = 507.01668104074
fipunto1 : = 3.6450668209201E+18
fi_gradi : = 29049.915966365
t1 : = 1.0812581151492E-14
tpunto1 : = 1.0020225031832
tduepunti0 : = -1.6871741448351E+16
v=v_elettrone : = 11311289.957321
x0= : -6.0719887744471E-13
y0= : -1.6584813677536E-12
*****
i=60816
k(60816)=0.99952076485677
kQ(60816)=0.99904175937987
r1= : 1.7683192371161E-12
rpunto1: = 9280199.8275844
rduepunti0 : = -5.7600978662316E+25
fil : = 507.01710852941
fipunto1 : = 3.6405738369941E+18
fi_gradi : = 29049.940459662
t1 : = 1.0812581269008E-14
tpunto1 : = 1.0020205283717
tduepunti0 : = -1.6838621003468E+16
v=v_elettrone : = 11303461.615272
x0= : -6.0686325204087E-13
y0= : -1.6597647820767E-12
```

```
*****
i=60817
k(60817)=0.99952146178876
kQ(60817)=0.99904315257635
r1= : 1.7694076068258E-12
rpunto1: = 9273451.0818511
rduepunti0 : = -5.7544516753534E+25
fil : = 507.01753549116
fipunto1 : = 3.6360924173423E+18
fi_gradi : = 29049.964922768
t1 : = 1.0812581386524E-14
tpunto1 : = 1.0020185574333
tduepunti0 : = -1.6805596652559E+16
v=v_elettrone : = 11295643.216564
x0= : -6.0652724466973E-13
y0= : -1.6610471473827E-12
*****
i=60818
k(60818)=0.99952215753162
kQ(60818)=0.99904454339667
r1= : 1.7704951850513E-12
rpunto1: = 9266708.943996
rduepunti0 : = -5.7488173372005E+25
fil : = 507.01796192732
fipunto1 : = 3.6316225202718E+18
fi_gradi : = 29049.98935576
t1 : = 1.0812581504039E-14
tpunto1 : = 1.0020165903567
tduepunti0 : = -1.677266801459E+16
v=v_elettrone : = 11287834.738455
x0= : -6.0619085624782E-13
y0= : -1.662328464803E-12
*****
i=60819
k(60819)=0.99952285208827
kQ(60819)=0.99904593184666
r1= : 1.7715819725678E-12
rpunto1: = 9259973.4001575
rduepunti0 : = -5.7431948183813E+25
fil : = 507.01838783927
fipunto1 : = 3.6271641042842E+18
fi_gradi : = 29050.013758717
t1 : = 1.0812581621555E-14
tpunto1 : = 1.0020146271308
tduepunti0 : = -1.6739834710429E+16
v=v_elettrone : = 11280036.1571
x0= : -6.0585408768867E-13
y0= : -1.6636087354666E-12
*****
i=60820
k(60820)=0.99952354546161
kQ(60820)=0.99904731793214
r1= : 1.7726679701484E-12
rpunto1: = 9253244.4365131
rduepunti0 : = -5.7375840856198E+25
fil : = 507.01881322834
fipunto1 : = 3.6227171280755E+18
fi_gradi : = 29050.038131715
t1 : = 1.081258173907E-14
tpunto1 : = 1.0020126677443
tduepunti0 : = -1.6707096362828E+16
v=v_elettrone : = 11272247.448053
x0= : -6.0551693990302E-13
y0= : -1.6648879604999E-12
```

```
*****
i=60821
k(60821)=0.99952423765455
kQ(60821)=0.9990487016589
r1= : 1.773753178565E-12
rpunto1 : = 9246522.0392791
rduepunti0 : = -5.7319851057549E+25
fil : = 507.01923809587
fipunto1 : = 3.6182815505342E+18
fi_gradi : = 29050.062474832
t1 : = 1.0812581856584E-14
tpunto1 : = 1.0020107121863
tduepunti0 : = -1.6674452596415E+16
v=v_elettrone : = 11264468.587745
x0= : -6.05179413799E-13
y0= : -1.6661661410268E-12
*****
i=60822
k(60822)=0.99952492866997
kQ(60822)=0.99905008303271
r1= : 1.7748375985876E-12
rpunto1 : = 9239806.1947107
rduepunti0 : = -5.7263978457398E+25
fil : = 507.0196624432
fipunto1 : = 3.6138573307404E+18
fi_gradi : = 29050.086788143
t1 : = 1.0812581974099E-14
tpunto1 : = 1.0020087604457
tduepunti0 : = -1.6641903037682E+16
v=v_elettrone : = 11256699.552974
x0= : -6.0484151028194E-13
y0= : -1.6674432781685E-12
*****
i=60823
k(60823)=0.99952561851076
kQ(60823)=0.99905146205932
r1= : 1.7759212309848E-12
rpunto1 : = 9233096.8891015
rduepunti0 : = -5.7208222726418E+25
fil : = 507.02008627166
fipunto1 : = 3.6094444279651E+18
fi_gradi : = 29050.111071725
t1 : = 1.0812582091613E-14
tpunto1 : = 1.0020068125114
tduepunti0 : = -1.6609447314972E+16
v=v_elettrone : = 11248940.31994
x0= : -6.0450323025437E-13
y0= : -1.668719373044E-12
*****
i=60824
k(60824)=0.99952630717979
kQ(60824)=0.99905283874447
r1= : 1.7770040765233E-12
rpunto1 : = 9226394.1087838
rduepunti0 : = -5.7152583536417E+25
fil : = 507.02050958259
fipunto1 : = 3.6050428016685E+18
fi_gradi : = 29050.135325655
t1 : = 1.0812582209127E-14
tpunto1 : = 1.0020048683725
tduepunti0 : = -1.6577085058473E+16
v=v_elettrone : = 11241190.865718
x0= : -6.0416457461614E-13
y0= : -1.6699944267696E-12
```



```
*****
i=60825
k(60825)=0.99952699467992
kQ(60825)=0.99905421309388
r1= : 1.7780861359686E-12
rpunto1: = 9219697.8401282
rduepunti0 : = -5.7097060560338E+25
fil : = 507.0209323773
fipunto1 : = 3.6006524114993E+18
fi_gradi : = 29050.159550007
t1 : = 1.0812582326641E-14
tpunto1 : = 1.0020029280182
tduepunti0 : = -1.65448159002E+16
v=v_elettrone : = 11233451.166284
x0= : -6.0382554426428E-13
y0= : -1.6712684404591E-12
*****
i=60826
k(60826)=0.99952768101401
kQ(60826)=0.99905558511324
r1= : 1.7791674100842E-12
rpunto1: = 9213008.0695435
rduepunti0 : = -5.7041653472247E+25
fil : = 507.02135465711
fipunto1 : = 3.5962732172938E+18
fi_gradi : = 29050.183744858
t1 : = 1.0812582444155E-14
tpunto1 : = 1.0020009914374
tduepunti0 : = -1.651263947399E+16
v=v_elettrone : = 11225721.198496
x0= : -6.0348614009324E-13
y0= : -1.6725414152239E-12
*****
i=60827
k(60827)=0.99952836618489
kQ(60827)=0.99905695480823
r1= : 1.7802478996322E-12
rpunto1: = 9206324.7834766
rduepunti0 : = -5.6986361947335E+25
fil : = 507.02177642333
fipunto1 : = 3.5919051790741E+18
fi_gradi : = 29050.207910283
t1 : = 1.0812582561668E-14
tpunto1 : = 1.0019990586194
tduepunti0 : = -1.6480555415489E+16
v=v_elettrone : = 11218000.9391
x0= : -6.0314636299477E-13
y0= : -1.6738133521728E-12
*****
i=60828
k(60828)=0.9995290501954
kQ(60828)=0.99905832218452
r1= : 1.7813276053732E-12
rpunto1: = 9199647.9684123
rduepunti0 : = -5.6931185661914E+25
fil : = 507.02219767728
fipunto1 : = 3.5875482570479E+18
fi_gradi : = 29050.232046356
t1 : = 1.0812582679181E-14
tpunto1 : = 1.0019971295533
tduepunti0 : = -1.6448563362139E+16
v=v_elettrone : = 11210290.365712
x0= : -6.0280621385792E-13
y0= : -1.6750842524122E-12
```

```
*****
i=60829
k(60829)=0.99952973304836
kQ(60829)=0.99905968724774
r1= : 1.7824065280661E-12
rpunto1 : = 9192977.6108734
rduepunti0 : = -5.6876124293407E+25
fil : = 507.02261842025
fipunto1 : = 3.5832024116071E+18
fi_gradi : = 29050.256153152
t1 : = 1.0812582796694E-14
tpunto1 : = 1.0019952042286
tduepunti0 : = -1.6416662953173E+16
v=v_elettrone : = 11202589.454375
x0= : -6.0246569356894E-13
y0= : -1.676354117046E-12
*****
i=60830
k(60830)=0.9995304147466
kQ(60830)=0.99906105000351
r1= : 1.7834846684681E-12
rpunto1 : = 9186313.6974203
rduepunti0 : = -5.682117752035E+25
fil : = 507.02303865355
fipunto1 : = 3.5788676033265E+18
fi_gradi : = 29050.280230747
t1 : = 1.0812582914207E-14
tpunto1 : = 1.0019932826343
tduepunti0 : = -1.6384853829597E+16
v=v_elettrone : = 11194898.182491
x0= : -6.021248030116E-13
y0= : -1.6776229471758E-12
*****
i=60831
k(60831)=0.99953109529291
kQ(60831)=0.99906241045744
r1= : 1.7845620273351E-12
rpunto1 : = 9179656.2146508
rduepunti0 : = -5.6766345022384E+25
fil : = 507.02345837846
fipunto1 : = 3.5745437929632E+18
fi_gradi : = 29050.304279213
t1 : = 1.0812583031719E-14
tpunto1 : = 1.0019913647599
tduepunti0 : = -1.6353135634187E+16
v=v_elettrone : = 11187216.527364
x0= : -6.0178354306693E-13
y0= : -1.6788907439005E-12
*****
i=60832
k(60832)=0.99953177469009
kQ(60832)=0.99906376861512
r1= : 1.7856386054212E-12
rpunto1 : = 9173005.1492005
rduepunti0 : = -5.6711626480253E+25
fil : = 507.02387759629
fipunto1 : = 3.5702309414553E+18
fi_gradi : = 29050.328298625
t1 : = 1.0812583149231E-14
tpunto1 : = 1.0019894505948
tduepunti0 : = -1.6321508011473E+16
v=v_elettrone : = 11179544.466193
x0= : -6.0144191461332E-13
y0= : -1.6801575083166E-12
```

```
*****
i=60833
k(60833)=0.99953245294093
kQ(60833)=0.99906512448212
r1= : 1.786714403479E-12
rpunto1 : = 9166360.487742
rduepunti0 : = -5.6657021575799E+25
fil : = 507.02429630831
fipunto1 : = 3.565929009921E+18
fi_gradi : = 29050.352289057
t1 : = 1.0812583266743E-14
tpunto1 : = 1.0019875401283
tduepunti0 : = -1.6289970607731E+16
v=v_elettrone : = 11171881.976066
x0= : -6.0109991852649E-13
y0= : -1.6814232415183E-12
*****
i=60834
k(60834)=0.99953313004821
kQ(60834)=0.99906647806398
r1= : 1.7877894222596E-12
rpunto1 : = 9159722.2169853
rduepunti0 : = -5.6602529991956E+25
fil : = 507.0247145158
fipunto1 : = 3.5616379596574E+18
fi_gradi : = 29050.376250581
t1 : = 1.0812583384255E-14
tpunto1 : = 1.00198563335
tduepunti0 : = -1.6258523070972E+16
v=v_elettrone : = 11164229.034461
x0= : -6.0075755567962E-13
y0= : -1.6826879445973E-12
*****
i=60835
k(60835)=0.9995338060147
kQ(60835)=0.99906782936623
r1= : 1.7888636625125E-12
rpunto1 : = 9153090.3236773
rduepunti0 : = -5.654815141275E+25
fil : = 507.02513222005
fipunto1 : = 3.5573577521399E+18
fi_gradi : = 29050.400183271
t1 : = 1.0812583501767E-14
tpunto1 : = 1.0019837302493
tduepunti0 : = -1.6227165050933E+16
v=v_elettrone : = 11156585.61876
x0= : -6.0041482694322E-13
y0= : -1.6839516186429E-12
*****
i=60836
k(60836)=0.99953448084316
kQ(60836)=0.9990691783944
r1= : 1.7899371249856E-12
rpunto1 : = 9146464.7946019
rduepunti0 : = -5.6493885523291E+25
fil : = 507.02554942232
fipunto1 : = 3.5530883490206E+18
fi_gradi : = 29050.424087201
t1 : = 1.0812583619278E-14
tpunto1 : = 1.0019818308157
tduepunti0 : = -1.6195896199064E+16
v=v_elettrone : = 11148951.706234
x0= : -6.0007173318525E-13
y0= : -1.6852142647419E-12
```

```
*****
i=60837
k(60837)=0.99953515453633
kQ(60837)=0.99907052515397
r1= : 1.7910098104253E-12
rpunto1: = 9139845.6165798
rduepunti0 : = -5.6439732009772E+25
fil : = 507.02596612388
fipunto1 : = 3.5488297121279E+18
fi_gradi : = 29050.447962441
t1 : = 1.0812583736789E-14
tpunto1 : = 1.001979935039
tduepunti0 : = -1.6164716168523E+16
v=v_elettrone : = 11141327.275536
x0= : -5.9972827527111E-13
y0= : -1.6864758839788E-12
*****
i=60838
k(60838)=0.99953582709697
kQ(60838)=0.99907186965042
r1= : 1.7920817195765E-12
rpunto1: = 9133232.7764684
rduepunti0 : = -5.6385690559461E+25
fil : = 507.02638232599
fipunto1 : = 3.5445818034652E+18
fi_gradi : = 29050.471809066
t1 : = 1.08125838543E-14
tpunto1 : = 1.0019780429085
tduepunti0 : = -1.6133624614158E+16
v=v_elettrone : = 11133712.303242
x0= : -5.9938445406341E-13
y0= : -1.6877364774356E-12
*****
i=60839
k(60839)=0.9995364985278
kQ(60839)=0.99907321188922
r1= : 1.7931528531824E-12
rpunto1: = 9126626.2611616
rduepunti0 : = -5.63317608607E+25
fil : = 507.02679802991
fipunto1 : = 3.5403445852099E+18
fi_gradi : = 29050.495627146
t1 : = 1.0812583971811E-14
tpunto1 : = 1.0019761544142
tduepunti0 : = -1.6102621192506E+16
v=v_elettrone : = 11126106.767302
x0= : -5.9904027042244E-13
y0= : -1.6889960461921E-12
*****
i=60840
k(60840)=0.99953716883155
kQ(60840)=0.9990745518758
r1= : 1.7942232119848E-12
rpunto1: = 9120026.0575897
rduepunti0 : = -5.6277942602903E+25
fil : = 507.0272132369
fipunto1 : = 3.5361180197125E+18
fi_gradi : = 29050.519416754
t1 : = 1.0812584089321E-14
tpunto1 : = 1.0019742695455
tduepunti0 : = -1.6071705561778E+16
v=v_elettrone : = 11118510.645578
x0= : -5.9869572520586E-13
y0= : -1.6902545913253E-12
```

```
*****
i=60841
k(60841)=0.99953783801094
kQ(60841)=0.99907588961558
r1= : 1.795292796724E-12
rpunto1: = 9113432.1527194
rduerpunti0 : = -5.6224235476544E+25
fil : = 507.0276279482
fipunto1 : = 3.5319020694956E+18
fi_gradi : = 29050.543177961
t1 : = 1.0812584206832E-14
tpunto1 : = 1.0019723882924
tduerpunti0 : = -1.6040877381848E+16
v=v_elettrone : = 11110923.916814
x0= : -5.983508192688E-13
y0= : -1.6915121139104E-12
*****
i=60842
k(60842)=0.99953850606867
kQ(60842)=0.99907722511399
r1= : 1.7963616081387E-12
rpunto1: = 9106844.5335536
rduerpunti0 : = -5.6170639173162E+25
fil : = 507.02804216506
fipunto1 : = 3.5276966972531E+18
fi_gradi : = 29050.566910839
t1 : = 1.0812584324342E-14
tpunto1 : = 1.0019705106445
tduerpunti0 : = -1.6010136314247E+16
v=v_elettrone : = 11103346.557672
x0= : -5.9800555346369E-13
y0= : -1.6927686150197E-12
*****
i=60843
k(60843)=0.99953917300744
kQ(60843)=0.9990785583764
r1= : 1.7974296469659E-12
rpunto1: = 9100263.1871311
rduerpunti0 : = -5.6117153385352E+25
fil : = 507.02845588872
fipunto1 : = 3.5235018658489E+18
fi_gradi : = 29050.590615459
t1 : = 1.0812584441851E-14
tpunto1 : = 1.0019686365918
tduerpunti0 : = -1.5979482022152E+16
v=v_elettrone : = 11095778.547197
x0= : -5.9765992864067E-13
y0= : -1.6940240957235E-12
*****
i=60844
k(60844)=0.99953983882994
kQ(60844)=0.99907988940818
r1= : 1.7984969139415E-12
rpunto1: = 9093688.1005267
rduerpunti0 : = -5.6063777806761E+25
fil : = 507.02886912041
fipunto1 : = 3.5193175383165E+18
fi_gradi : = 29050.614291891
t1 : = 1.0812584559361E-14
tpunto1 : = 1.0019667661239
tduerpunti0 : = -1.5948914170375E+16
v=v_elettrone : = 11088219.863344
x0= : -5.9731394564721E-13
y0= : -1.6952785570895E-12
```

```
*****
i=60845
k(60845)=0.99954050353885
kQ(60845)=0.99908121821469
r1= : 1.7995634097995E-12
rpunto1: = 9087119.260851
rduepunti0 : = -5.6010512132087E+25
fil : = 507.02928186138
fipunto1 : = 3.5151436778572E+18
fi_gradi : = 29050.637940206
t1 : = 1.081258467687E-14
tpunto1 : = 1.001964899231
tduepunti0 : = -1.5918432425355E+16
v=v_elettrone : = 11080670.483962
x0= : -5.9696760532826E-13
y0= : -1.6965320001832E-12
*****
i=60846
k(60846)=0.99954116713684
kQ(60846)=0.99908254480128
r1= : 1.8006291352725E-12
rpunto1: = 9080556.6552503
rduepunti0 : = -5.5957356057072E+25
fil : = 507.02969411283
fipunto1 : = 3.5109802478402E+18
fi_gradi : = 29050.661560474
t1 : = 1.0812584794379E-14
tpunto1 : = 1.0019630359028
tduepunti0 : = -1.5888036455148E+16
v=v_elettrone : = 11073130.387806
x0= : -5.966209085264E-13
y0= : -1.6977844260678E-12
*****
i=60847
k(60847)=0.99954182962658
kQ(60847)=0.99908386917324
r1= : 1.8016940910918E-12
rpunto1: = 9074000.2709065
rduepunti0 : = -5.5904309278499E+25
fil : = 507.03010587601
fipunto1 : = 3.5068272118007E+18
fi_gradi : = 29050.685152767
t1 : = 1.0812584911888E-14
tpunto1 : = 1.0019611761295
tduepunti0 : = -1.5857725929416E+16
v=v_elettrone : = 11065599.553031
x0= : -5.962738560816E-13
y0= : -1.6990358358039E-12
*****
i=60848
k(60848)=0.99954249101071
kQ(60848)=0.9990851913359
r1= : 1.8027582779869E-12
rpunto1: = 9067450.0950369
rduepunti0 : = -5.5851371494187E+25
fil : = 507.03051715212
fipunto1 : = 3.5026845334399E+18
fi_gradi : = 29050.708717152
t1 : = 1.0812585029397E-14
tpunto1 : = 1.0019593199009
tduepunti0 : = -1.5827500519422E+16
v=v_elettrone : = 11058077.957702
x0= : -5.9592644883139E-13
y0= : -1.7002862304501E-12
```

```
*****
i=60849
k(60849)=0.99954315129189
kQ(60849)=0.99908651129453
r1= : 1.8038216966859E-12
rpunto1: = 9060906.114894
rduepunti0 : = -5.5798542402991E+25
fil : = 507.03092794239
fipunto1 : = 3.4985521766231E+18
fi_gradi : = 29050.732253701
t1 : = 1.0812585146905E-14
tpunto1 : = 1.0019574672072
tduepunti0 : = -1.5797359898015E+16
v=v_elettrone : = 11050565.580766
x0= : -5.9557868761092E-13
y0= : -1.7015356110625E-12
*****
i=60850
k(60850)=0.99954381047276
kQ(60850)=0.9990878290544
r1= : 1.8048843479154E-12
rpunto1: = 9054368.3177658
rduepunti0 : = -5.5745821704794E+25
fil : = 507.03133824801
fipunto1 : = 3.4944301053796E+18
fi_gradi : = 29050.755762481
t1 : = 1.0812585264414E-14
tpunto1 : = 1.0019556180384
tduepunti0 : = -1.5767303739626E+16
v=v_elettrone : = 11043062.401097
x0= : -5.952305732528E-13
y0= : -1.7027839786948E-12
*****
i=60851
k(60851)=0.99954446855594
kQ(60851)=0.99908914462077
r1= : 1.8059462324007E-12
rpunto1: = 9047836.690975
rduepunti0 : = -5.5693209100502E+25
fil : = 507.03174807021
fipunto1 : = 3.4903182839014E+18
fi_gradi : = 29050.779243564
t1 : = 1.0812585381922E-14
tpunto1 : = 1.0019537723847
tduepunti0 : = -1.5737331720255E+16
v=v_elettrone : = 11035568.396466
x0= : -5.9488210658714E-13
y0= : -1.7040313343987E-12
*****
i=60852
k(60852)=0.99954512554405
kQ(60852)=0.99909045799886
r1= : 1.8070073508653E-12
rpunto1: = 9041311.2218796
rduepunti0 : = -5.5640704292047E+25
fil : = 507.03215741018
fipunto1 : = 3.4862166765424E+18
fi_gradi : = 29050.802697016
t1 : = 1.081258549943E-14
tpunto1 : = 1.0019519302362
tduepunti0 : = -1.5707443517463E+16
v=v_elettrone : = 11028083.546543
x0= : -5.9453328844176E-13
y0= : -1.7052776792232E-12
```

```
*****
i=60853
k(60853)=0.9995457814397
kQ(60853)=0.9990917691939
r1= : 1.8080677040314E-12
rpunto1: = 9034791.8978722
rduepunti0 : = -5.5588306982375E+25
fil : = 507.03256626912
fipunto1 : = 3.4821252478175E+18
fi_gradi : = 29050.826122908
t1 : = 1.0812585616937E-14
tpunto1 : = 1.0019500915832
tduepunti0 : = -1.5677638810364E+16
v=v_elettrone : = 11020607.829906
x0= : -5.9418411964189E-13
y0= : -1.7065230142153E-12
*****
i=60854
k(60854)=0.9995464362455
kQ(60854)=0.99909307821109
r1= : 1.8091272926197E-12
rpunto1: = 9028278.7063802
rduepunti0 : = -5.5536016875447E+25
fil : = 507.03297464821
fipunto1 : = 3.4780439624017E+18
fi_gradi : = 29050.849521306
t1 : = 1.0812585734445E-14
tpunto1 : = 1.0019482564159
tduepunti0 : = -1.5647917279616E+16
v=v_elettrone : = 11013141.225045
x0= : -5.938346010104E-13
y0= : -1.7077673404197E-12
*****
i=60855
k(60855)=0.99954708996405
kQ(60855)=0.9990943850556
r1= : 1.8101861173494E-12
rpunto1: = 9021771.6348656
rduepunti0 : = -5.5483833676235E+25
fil : = 507.03338254867
fipunto1 : = 3.4739727851291E+18
fi_gradi : = 29050.872892281
t1 : = 1.0812585851952E-14
tpunto1 : = 1.0019464247246
tduepunti0 : = -1.561827860741E+16
v=v_elettrone : = 11005683.710851
x0= : -5.9348473336779E-13
y0= : -1.7090106588786E-12
*****
i=60856
k(60856)=0.99954774259792
kQ(60856)=0.99909568973261
r1= : 1.8112441789383E-12
rpunto1: = 9015270.6708249
rduepunti0 : = -5.5431757090714E+25
fil : = 507.03378997165
fipunto1 : = 3.4699116809924E+18
fi_gradi : = 29050.896235898
t1 : = 1.0812585969459E-14
tpunto1 : = 1.0019445964996
tduepunti0 : = -1.5588722477464E+16
v=v_elettrone : = 10998235.267129
x0= : -5.9313451753221E-13
y0= : -1.7102529706322E-12
```



```
*****
i=60857
k(60857)=0.99954839414971
kQ(60857)=0.99909699224726
r1= : 1.8123014781026E-12
rpunto1: = 9008775.801789
rduepunti0 : = -5.5379786825865E+25
fil : = 507.03419691836
fipunto1 : = 3.4658606151414E+18
fi_gradi : = 29050.919552227
t1 : = 1.0812586086966E-14
tpunto1 : = 1.0019427717313
tduepunti0 : = -1.555924857501E+16
v=v_elettrone : = 10990795.87208
x0= : -5.9278395431925E-13
y0= : -1.7114942767183E-12
*****
i=60858
k(60858)=0.99954904462197
kQ(60858)=0.99909829260469
r1= : 1.8133580155571E-12
rpunto1: = 9002287.0153229
rduepunti0 : = -5.5327922589664E+25
fil : = 507.03460338997
fipunto1 : = 3.4618195528828E+18
fi_gradi : = 29050.942841335
t1 : = 1.0812586204472E-14
tpunto1 : = 1.00194095041
tduepunti0 : = -1.5529856586792E+16
v=v_elettrone : = 10983365.505327
x0= : -5.9243304454228E-13
y0= : -1.7127345781723E-12
*****
i=60859
k(60859)=0.99954969401727
kQ(60859)=0.99909959081002
r1= : 1.8144137920153E-12
rpunto1: = 8995804.2990259
rduepunti0 : = -5.5276164091084E+25
fil : = 507.03500938764
fipunto1 : = 3.457788459679E+18
fi_gradi : = 29050.966103288
t1 : = 1.0812586321978E-14
tpunto1 : = 1.0019391325262
tduepunti0 : = -1.5500546201049E+16
v=v_elettrone : = 10975944.146398
x0= : -5.9208178901224E-13
y0= : -1.7139738760277E-12
*****
i=60860
k(60860)=0.99955034233817
kQ(60860)=0.99910088686835
r1= : 1.8154688081889E-12
rpunto1: = 8989327.6405313
rduepunti0 : = -5.5224511040087E+25
fil : = 507.03541491255
fipunto1 : = 3.4537673011471E+18
fi_gradi : = 29050.989338154
t1 : = 1.0812586439484E-14
tpunto1 : = 1.0019373180703
tduepunti0 : = -1.5471317107513E+16
v=v_elettrone : = 10968531.773716
x0= : -5.9173018853764E-13
y0= : -1.7152121713154E-12
```

```
*****
i=60861
k(60861)=0.99955098958721
kQ(60861)=0.99910218078476
r1= : 1.8165230647886E-12
rpunto1: = 8982857.0275061
rduepunti0 : = -5.5172963147625E+25
fil : = 507.03581996587
fipunto1 : = 3.4497560430585E+18
fi_gradi : = 29051.012545999
t1 : = 1.081258655699E-14
tpunto1 : = 1.0019355070329
tduepunti0 : = -1.5442168997398E+16
v=v_elettrone : = 10961128.36765
x0= : -5.9137824392479E-13
y0= : -1.7164494650643E-12
*****
i=60862
k(60862)=0.99955163576692
kQ(60862)=0.99910347256432
r1= : 1.8175765625231E-12
rpunto1: = 8976392.4476513
rduepunti0 : = -5.5121520125629E+25
fil : = 507.03622454875
fipunto1 : = 3.4457546513375E+18
fi_gradi : = 29051.035726891
t1 : = 1.0812586674496E-14
tpunto1 : = 1.0019336994045
tduepunti0 : = -1.5413101563392E+16
v=v_elettrone : = 10953733.906936
x0= : -5.9102595597749E-13
y0= : -1.7176857583009E-12
*****
i=60863
k(60863)=0.99955228087984
kQ(60863)=0.99910476221209
r1= : 1.8186293021002E-12
rpunto1: = 8969933.8887015
rduepunti0 : = -5.5070181687014E+25
fil : = 507.03662866235
fipunto1 : = 3.4417630920611E+18
fi_gradi : = 29051.058880895
t1 : = 1.0812586792002E-14
tpunto1 : = 1.0019318951757
tduepunti0 : = -1.5384114499645E+16
v=v_elettrone : = 10946348.371254
x0= : -5.9067332549734E-13
y0= : -1.7189210520496E-12
*****
i=60864
k(60864)=0.99955292492849
kQ(60864)=0.99910604973309
r1= : 1.819681284226E-12
rpunto1: = 8963481.3384249
rduepunti0 : = -5.5018947545667E+25
fil : = 507.03703230783
fipunto1 : = 3.4377813314574E+18
fi_gradi : = 29051.082008077
t1 : = 1.0812586909507E-14
tpunto1 : = 1.001930094337
tduepunti0 : = -1.5355207501767E+16
v=v_elettrone : = 10938971.740179
x0= : -5.9032035328356E-13
y0= : -1.7201553473325E-12
```

```
*****
i=60865
k(60865)=0.99955356791537
kQ(60865)=0.99910733513235
r1= : 1.820732509605E-12
rpunto1: = 8957034.784623
rduepunti0 : = -5.4967817416449E+25
fil : = 507.03743548633
fipunto1 : = 3.4338093359056E+18
fi_gradi : = 29051.105108504
t1 : = 1.0812587027012E-14
tpunto1 : = 1.0019282968792
tduepunti0 : = -1.5326380266815E+16
v=v_elettrone : = 10931603.993712
x0= : -5.899670401331E-13
y0= : -1.7213886451696E-12
*****
i=60866
k(60866)=0.99955420984301
kQ(60866)=0.99910861841488
r1= : 1.8217829789407E-12
rpunto1: = 8950594.2151307
rduepunti0 : = -5.4916791015191E+25
fil : = 507.03783819901
fipunto1 : = 3.4298470719345E+18
fi_gradi : = 29051.12818224
t1 : = 1.0812587144517E-14
tpunto1 : = 1.0019265027928
tduepunti0 : = -1.5297632493287E+16
v=v_elettrone : = 10924245.11126
x0= : -5.8961338684049E-13
y0= : -1.7226209465785E-12
*****
i=60867
k(60867)=0.99955485071388
kQ(60867)=0.99910989958565
r1= : 1.8228326929348E-12
rpunto1: = 8944159.6178163
rduepunti0 : = -5.4865868058685E+25
fil : = 507.03824044699
fipunto1 : = 3.4258945062221E+18
fi_gradi : = 29051.151229352
t1 : = 1.0812587262021E-14
tpunto1 : = 1.0019247120687
tduepunti0 : = -1.5268963881111E+16
v=v_elettrone : = 10916895.073142
x0= : -5.8925939419806E-13
y0= : -1.7238522525748E-12
*****
i=60868
k(60868)=0.99955549053049
kQ(60868)=0.99911117864965
r1= : 1.8238816522877E-12
rpunto1: = 8937730.9805809
rduepunti0 : = -5.4815048264687E+25
fil : = 507.03864223142
fipunto1 : = 3.4219516055946E+18
fi_gradi : = 29051.174249904
t1 : = 1.0812587379526E-14
tpunto1 : = 1.0019229246975
tduepunti0 : = -1.5240374131639E+16
v=v_elettrone : = 10909553.858087
x0= : -5.8890506299572E-13
y0= : -1.7250825641719E-12
```

```
*****
i=60869
k(60869)=0.99955612929531
kQ(60869)=0.99911245561182
r1= : 1.8249298576985E-12
rpunto1: = 8931308.2913588
rduepunti0 : = -5.476433135191E+25
fil : = 507.03904355343
fipunto1 : = 3.4180183370255E+18
fi_gradi : = 29051.197243962
t1 : = 1.081258749703E-14
tpunto1 : = 1.0019211406701
tduepunti0 : = -1.5211862947641E+16
v=v_elettrone : = 10902221.447254
x0= : -5.8855039402135E-13
y0= : -1.7263118823808E-12
*****
i=60870
k(60870)=0.99955676701081
kQ(60870)=0.99911373047711
r1= : 1.8259773098646E-12
rpunto1: = 8924891.538117
rduepunti0 : = -5.4713717040019E+25
fil : = 507.03944441416
fipunto1 : = 3.4140946676352E+18
fi_gradi : = 29051.220211589
t1 : = 1.0812587614534E-14
tpunto1 : = 1.0019193599773
tduepunti0 : = -1.518343003329E+16
v=v_elettrone : = 10894897.8197
x0= : -5.881953880603E-13
y0= : -1.7275402082105E-12
*****
i=60871
k(60871)=0.99955740367947
kQ(60871)=0.99911500325044
r1= : 1.8270240094823E-12
rpunto1: = 8918480.7088555
rduepunti0 : = -5.4663205049631E+25
fil : = 507.03984481472
fipunto1 : = 3.4101805646897E+18
fi_gradi : = 29051.243152852
t1 : = 1.0812587732038E-14
tpunto1 : = 1.0019175826099
tduepunti0 : = -1.5155075094163E+16
v=v_elettrone : = 10887582.955909
x0= : -5.8784004589584E-13
y0= : -1.7287675426678E-12
*****
i=60872
k(60872)=0.99955803930374
kQ(60872)=0.99911627393673
r1= : 1.8280699572464E-12
rpunto1: = 8912075.7916067
rduepunti0 : = -5.4612795102308E+25
fil : = 507.04024475624
fipunto1 : = 3.4062759956002E+18
fi_gradi : = 29051.266067813
t1 : = 1.0812587849541E-14
tpunto1 : = 1.0019158085588
tduepunti0 : = -1.5126797837224E+16
v=v_elettrone : = 10880276.835784
x0= : -5.8748436830891E-13
y0= : -1.7299938867573E-12
```

```
*****
i=60873
k(60873)=0.99955867388606
kQ(60873)=0.99911754254086
r1= : 1.8291151538501E-12
rpunto1: = 8905676.7744357
rduepunti0 : = -5.4562486920557E+25
fil : = 507.04064423984
fipunto1 : = 3.4023809279221E+18
fi_gradi : = 29051.288956537
t1 : = 1.0812587967045E-14
tpunto1 : = 1.0019140378149
tduepunti0 : = -1.5098597970825E+16
v=v_elettrone : = 10872979.440137
x0= : -5.8712835607826E-13
y0= : -1.7312192414815E-12
*****
i=60874
k(60874)=0.99955930742888
kQ(60874)=0.99911880906771
r1= : 1.8301595999854E-12
rpunto1: = 8899283.64544
rduepunti0 : = -5.4512280227823E+25
fil : = 507.04104326663
fipunto1 : = 3.3984953293542E+18
fi_gradi : = 29051.311819088
t1 : = 1.0812588084548E-14
tpunto1 : = 1.0019122703693
tduepunti0 : = -1.507047520469E+16
v=v_elettrone : = 10865690.748698
x0= : -5.8677200998026E-13
y0= : -1.7324436078406E-12
*****
i=60875
k(60875)=0.99955993993464
kQ(60875)=0.99912007352214
r1= : 1.831203296343E-12
rpunto1: = 8892896.3927495
rduepunti0 : = -5.4462174748486E+25
fil : = 507.04144183772
fipunto1 : = 3.3946191677382E+18
fi_gradi : = 29051.334655529
t1 : = 1.0812588202051E-14
tpunto1 : = 1.0019105062128
tduepunti0 : = -1.5042429249912E+16
v=v_elettrone : = 10858410.741617
x0= : -5.8641533078919E-13
y0= : -1.7336669868329E-12
*****
i=60876
k(60876)=0.99956057140576
kQ(60876)=0.999121335909
r1= : 1.8322462436118E-12
rpunto1: = 8886515.0045262
rduepunti0 : = -5.441217020786E+25
fil : = 507.04183995422
fipunto1 : = 3.3907524110576E+18
fi_gradi : = 29051.357465925
t1 : = 1.0812588319554E-14
tpunto1 : = 1.0019087453366
tduepunti0 : = -1.5014459818946E+16
v=v_elettrone : = 10851139.39997
x0= : -5.8605831927711E-13
y0= : -1.7348893794543E-12
```

```
*****
i=60877
k(60877)=0.99956120184465
kQ(60877)=0.99912259623313
r1= : 1.8332884424798E-12
rpunto1:= 8880139.4689642
rduepunti0 : = -5.4362266332185E+25
fil : = 507.04223761723
fipunto1 : = 3.386895027437E+18
fi_gradi : = 29051.380250337
t1 : = 1.0812588437056E-14
tpunto1 : = 1.0019069877317
tduepunti0 : = -1.4986566625596E+16
v=v_elettrone : = 10843876.703231
x0= : -5.8570097621378E-13
y0= : -1.7361107866988E-12
*****
i=60878
k(60878)=0.99956183125374
kQ(60878)=0.99912385449933
r1= : 1.8343298936334E-12
rpunto1:= 8873769.7742897
rduepunti0 : = -5.4312462848629E+25
fil : = 507.04263482785
fipunto1 : = 3.3830469851416E+18
fi_gradi : = 29051.403008829
t1 : = 1.0812588554559E-14
tpunto1 : = 1.0019052333891
tduepunti0 : = -1.4958749385012E+16
v=v_elettrone : = 10836622.632817
x0= : -5.853433023669E-13
y0= : -1.737331209558E-12
*****
i=60879
k(60879)=0.99956245963542
kQ(60879)=0.99912511071242
r1= : 1.8353705977574E-12
rpunto1:= 8867405.9087607
rduepunti0 : = -5.4262759485281E+25
fil : = 507.04303158718
fipunto1 : = 3.379208252576E+18
fi_gradi : = 29051.425741464
t1 : = 1.0812588672061E-14
tpunto1 : = 1.0019034823
tduepunti0 : = -1.4931007813684E+16
v=v_elettrone : = 10829377.169062
x0= : -5.8498529850185E-13
y0= : -1.7385506490217E-12
*****
i=60880
k(60880)=0.99956308699209
kQ(60880)=0.99912636487716
r1= : 1.8364105555356E-12
rpunto1:= 8861047.860667
rduepunti0 : = -5.4213155971145E+25
fil : = 507.04342789631
fipunto1 : = 3.375378798284E+18
fi_gradi : = 29051.448448305
t1 : = 1.0812588789563E-14
tpunto1 : = 1.0019017344556
tduepunti0 : = -1.4903341629427E+16
v=v_elettrone : = 10822140.292708
x0= : -5.8462696538185E-13
y0= : -1.7397691060772E-12
```

```
*****
i=60881
k(60881)=0.99956371332614
kQ(60881)=0.99912761699834
r1= : 1.8374497676503E-12
rpunto1: = 8854695.6183302
rduepunti0 : = -5.4163652036144E+25
fil : = 507.04382375633
fipunto1 : = 3.3715585909473E+18
fi_gradi : = 29051.471129413
t1 : = 1.0812588907064E-14
tpunto1 : = 1.001899989847
tduepunti0 : = -1.487575055138E+16
v=v_elettrone : = 10814911.984424
x0= : -5.8426830376794E-13
y0= : -1.7409865817102E-12
*****
i=60882
k(60882)=0.99956433863995
kQ(60882)=0.99912886708071
r1= : 1.8384882347823E-12
rpunto1: = 8848349.1701032
rduepunti0 : = -5.4114247411109E+25
fil : = 507.04421916831
fipunto1 : = 3.3677475993852E+18
fi_gradi : = 29051.493784851
t1 : = 1.0812589024566E-14
tpunto1 : = 1.0018982484655
tduepunti0 : = -1.4848234299999E+16
v=v_elettrone : = 10807692.224803
x0= : -5.8390931441899E-13
y0= : -1.7422030769037E-12
*****
i=60883
k(60883)=0.99956496293588
kQ(60883)=0.99913011512902
r1= : 1.8395259576111E-12
rpunto1: = 8842008.5043705
rduepunti0 : = -5.4064941827779E+25
fil : = 507.04461413335
fipunto1 : = 3.3639457925534E+18
fi_gradi : = 29051.51641468
t1 : = 1.0812589142067E-14
tpunto1 : = 1.0018965103023
tduepunti0 : = -1.4820792597042E+16
v=v_elettrone : = 10800480.994344
x0= : -5.8354999809177E-13
y0= : -1.7434185926391E-12
*****
i=60884
k(60884)=0.99956558621632
kQ(60884)=0.99913136114797
r1= : 1.8405629368149E-12
rpunto1: = 8835673.6095482
rduepunti0 : = -5.4015735018799E+25
fil : = 507.04500865252
fipunto1 : = 3.3601531395439E+18
fi_gradi : = 29051.539018964
t1 : = 1.0812589259568E-14
tpunto1 : = 1.0018947753487
tduepunti0 : = -1.4793425165573E+16
v=v_elettrone : = 10793278.275013
x0= : -5.8319035554093E-13
y0= : -1.7446331298955E-12
```

```
*****
i=60885
k(60885)=0.99956620848361
kQ(60885)=0.9991326051423
r1= : 1.8415991730705E-12
rpunto1 : = 8829344.4740832
rduepunti0 : = -5.3966626717713E+25
fil : = 507.04540272689
fipunto1 : = 3.3563696095835E+18
fi_gradi : = 29051.561597762
t1 : = 1.0812589377069E-14
tpunto1 : = 1.0018930435961
tduepunti0 : = -1.4766131729943E+16
v=v_elettrone : = 10786084.046633
x0= : -5.8283038751881E-13
y0= : -1.7458466896498E-12
*****
i=60886
k(60886)=0.9995668297401
kQ(60886)=0.99913384711668
r1= : 1.8426346670534E-12
rpunto1 : = 8823021.0864539
rduepunti0 : = -5.3917616658962E+25
fil : = 507.04579635753
fipunto1 : = 3.3525951720339E+18
fi_gradi : = 29051.584151136
t1 : = 1.081258949457E-14
tpunto1 : = 1.0018913150357
tduepunti0 : = -1.4738912015791E+16
v=v_elettrone : = 10778898.291015
x0= : -5.8247009477583E-13
y0= : -1.7470592728771E-12
*****
i=60887
k(60887)=0.99956744998815
kQ(60887)=0.99913508707581
r1= : 1.8436694194377E-12
rpunto1 : = 8816703.4351695
rduepunti0 : = -5.3868704577882E+25
fil : = 507.04618954551
fipunto1 : = 3.3488297963902E+18
fi_gradi : = 29051.606679148
t1 : = 1.081258961207E-14
tpunto1 : = 1.0018895896591
tduepunti0 : = -1.4711765750035E+16
v=v_elettrone : = 10771720.989359
x0= : -5.8210947806012E-13
y0= : -1.7482708805502E-12
*****
i=60888
k(60888)=0.99956806923008
kQ(60888)=0.99913632502435
r1= : 1.844703430896E-12
rpunto1 : = 8810391.5087704
rduepunti0 : = -5.3819890210699E+25
fil : = 507.04658229189
fipunto1 : = 3.345073452281E+18
fi_gradi : = 29051.629181858
t1 : = 1.0812589729571E-14
tpunto1 : = 1.0018878674575
tduepunti0 : = -1.4684692660861E+16
v=v_elettrone : = 10764552.122291
x0= : -5.8174853811768E-13
y0= : -1.7494815136398E-12
```



```
*****
i=60889
k(60889)=0.99956868746822
kQ(60889)=0.99913756096694
r1= : 1.8457367020999E-12
rpunto1: = 8804085.2958275
rduepunti0 : = -5.3771173294526E+25
fil : = 507.04697459774
fipunto1 : = 3.3413261094667E+18
fi_gradi : = 29051.651659327
t1 : = 1.0812589847071E-14
tpunto1 : = 1.0018861484225
tduepunti0 : = -1.4657692477722E+16
v=v_elettrone : = 10757391.671371
x0= : -5.8138727569252E-13
y0= : -1.7506911731149E-12
*****
i=60890
k(60890)=0.9995693047049
kQ(60890)=0.99913879490824
r1= : 1.8467692337194E-12
rpunto1: = 8797784.7849426
rduepunti0 : = -5.372255356736E+25
fil : = 507.0473664641
fipunto1 : = 3.3375877378397E+18
fi_gradi : = 29051.674111616
t1 : = 1.0812589964571E-14
tpunto1 : = 1.0018844325455
tduepunti0 : = -1.4630764931325E+16
v=v_elettrone : = 10750239.617578
x0= : -5.8102569152646E-13
y0= : -1.751899859942E-12
*****
i=60891
k(60891)=0.99956992094243
kQ(60891)=0.99914002685285
r1= : 1.8478010264232E-12
rpunto1: = 8791489.9647483
rduepunti0 : = -5.3674030768078E+25
fil : = 507.04775789203
fipunto1 : = 3.3338583074233E+18
fi_gradi : = 29051.696538784
t1 : = 1.081259008207E-14
tpunto1 : = 1.001882719818
tduepunti0 : = -1.4603909753629E+16
v=v_elettrone : = 10743095.942309
x0= : -5.806637863593E-13
y0= : -1.7531075750859E-12
*****
i=60892
k(60892)=0.99957053618311
kQ(60892)=0.9991412568054
r1= : 1.8488320808787E-12
rpunto1: = 8785200.8239074
rduepunti0 : = -5.3625604636434E+25
fil : = 507.04814888257
fipunto1 : = 3.3301377883709E+18
fi_gradi : = 29051.718940892
t1 : = 1.081259019957E-14
tpunto1 : = 1.0018810102317
tduepunti0 : = -1.4577126677833E+16
v=v_elettrone : = 10735960.62742
x0= : -5.8030156092875E-13
y0= : -1.754314319509E-12
```

```
*****
i=60893
k(60893)=0.99957115042925
kQ(60893)=0.99914248477046
r1= : 1.849862397752E-12
rpunto1: = 8778917.3511133
rduepunti0 : = -5.3577274913055E+25
fil : = 507.04853943678
fipunto1 : = 3.3264261509656E+18
fi_gradi : = 29051.741318
t1 : = 1.0812590317069E-14
tpunto1 : = 1.0018793037779
tduepunti0 : = -1.4550415438374E+16
v=v_elettrone : = 10728833.653652
x0= : -5.7993901597033E-13
y0= : -1.755520094172E-12
*****
i=60894
k(60894)=0.99957176368314
kQ(60894)=0.99914371075262
r1= : 1.8508919777078E-12
rpunto1: = 8772639.5350898
rduepunti0 : = -5.3529041339439E+25
fil : = 507.04892955569
fipunto1 : = 3.3227233656194E+18
fi_gradi : = 29051.763670167
t1 : = 1.0812590434568E-14
tpunto1 : = 1.0018776004485
tduepunti0 : = -1.4523775770918E+16
v=v_elettrone : = 10721715.003208
x0= : -5.7957615221767E-13
y0= : -1.7567249000334E-12
*****
i=60895
k(60895)=0.99957237594706
kQ(60895)=0.99914493475645
r1= : 1.8519208214095E-12
rpunto1: = 8766367.3645906
rduepunti0 : = -5.3480903657952E+25
fil : = 507.04931924035
fipunto1 : = 3.3190294028722E+18
fi_gradi : = 29051.785997453
t1 : = 1.0812590552067E-14
tpunto1 : = 1.001875900235
tduepunti0 : = -1.4497207412352E+16
v=v_elettrone : = 10714604.657704
x0= : -5.7921297040218E-13
y0= : -1.7579287380497E-12
*****
i=60896
k(60896)=0.99957298722329
kQ(60896)=0.99914615678649
r1= : 1.8529489295193E-12
rpunto1: = 8760100.8283997
rduepunti0 : = -5.3432861611822E+25
fil : = 507.04970849178
fipunto1 : = 3.3153442333917E+18
fi_gradi : = 29051.808299918
t1 : = 1.0812590669566E-14
tpunto1 : = 1.001874203129
tduepunti0 : = -1.4470710100777E+16
v=v_elettrone : = 10707502.598169
x0= : -5.7884947125322E-13
y0= : -1.7591316091754E-12
```

```
*****
i=60897
k(60897)=0.9995735975141
kQ(60897)=0.99914737684728
r1= : 1.8539763026979E-12
rpunto1: = 8753839.9153314
rduepunti0 : = -5.3384914945137E+25
fil : = 507.05009731102
fipunto1 : = 3.3116678279722E+18
fi_gradi : = 29051.830577619
t1 : = 1.0812590787064E-14
tpunto1 : = 1.0018725091223
tduepunti0 : = -1.4444283575506E+16
v=v_elettrone : = 10700408.806585
x0= : -5.7848565549823E-13
y0= : -1.760333514363E-12
*****
i=60898
k(60898)=0.99957420682176
kQ(60898)=0.99914859494334
r1= : 1.8550029416048E-12
rpunto1: = 8747584.6142293
rduepunti0 : = -5.3337063402845E+25
fil : = 507.05048569909
fipunto1 : = 3.3080001575343E+18
fi_gradi : = 29051.852830617
t1 : = 1.0812590904563E-14
tpunto1 : = 1.0018708182066
tduepunti0 : = -1.441792757705E+16
v=v_elettrone : = 10693323.265369
x0= : -5.7812152386256E-13
y0= : -1.7615344545629E-12
*****
i=60899
k(60899)=0.99957481514852
kQ(60899)=0.99914981107919
r1= : 1.8560288468982E-12
rpunto1: = 8741334.9139674
rduepunti0 : = -5.3289306730745E+25
fil : = 507.05087365703
fipunto1 : = 3.3043411931241E+18
fi_gradi : = 29051.875058969
t1 : = 1.0812591022061E-14
tpunto1 : = 1.0018691303736
tduepunti0 : = -1.4391641847118E+16
v=v_elettrone : = 10686245.955323
x0= : -5.7775707706939E-13
y0= : -1.7627344307237E-12
*****
i=60900
k(60900)=0.99957542249663
kQ(60900)=0.99915102525931
r1= : 1.8570540192349E-12
rpunto1: = 8735090.803449
rduepunti0 : = -5.3241644675487E+25
fil : = 507.05126118585
fipunto1 : = 3.3006909059125E+18
fi_gradi : = 29051.897262735
t1 : = 1.0812591139559E-14
tpunto1 : = 1.0018674456152
tduepunti0 : = -1.4365426128607E+16
v=v_elettrone : = 10679176.858723
x0= : -5.773923158401E-13
y0= : -1.7639334437918E-12
```

```
*****
i=60901
k(60901)=0.99957602886833
kQ(60901)=0.99915223748818
r1= : 1.8580784592704E-12
rpunto1: = 8728852.2716073
rduepunti0 : = -5.319407698457E+25
fil : = 507.05164828656
fipunto1 : = 3.2970492671944E+18
fi_gradi : = 29051.919441972
t1 : = 1.0812591257056E-14
tpunto1 : = 1.0018657639232
tduepunti0 : = -1.4339280165593E+16
v=v_elettrone : = 10672115.957764
x0= : -5.7702724089397E-13
y0= : -1.7651314947116E-12
*****
i=60902
k(60902)=0.99957663426587
kQ(60902)=0.99915344777028
r1= : 1.8591021676591E-12
rpunto1: = 8722619.3074048
rduepunti0 : = -5.3146603406336E+25
fil : = 507.05203496019
fipunto1 : = 3.2934162483884E+18
fi_gradi : = 29051.941596739
t1 : = 1.0812591374554E-14
tpunto1 : = 1.0018640852893
tduepunti0 : = -1.4313203703332E+16
v=v_elettrone : = 10665063.234577
x0= : -5.7666185294821E-13
y0= : -1.7663285844257E-12
*****
i=60903
k(60903)=0.99957723869146
kQ(60903)=0.99915465611004
r1= : 1.8601251450539E-12
rpunto1: = 8716391.8998335
rduepunti0 : = -5.3099223689968E+25
fil : = 507.05242120775
fipunto1 : = 3.2897918210359E+18
fi_gradi : = 29051.963727094
t1 : = 1.0812591492051E-14
tpunto1 : = 1.0018624097056
tduepunti0 : = -1.4287196488244E+16
v=v_elettrone : = 10658018.670697
x0= : -5.7629615271803E-13
y0= : -1.7675247138746E-12
*****
i=60904
k(60904)=0.99957784214733
kQ(60904)=0.99915586251192
r1= : 1.8611473921065E-12
rpunto1: = 8710170.0379147
rduepunti0 : = -5.3051937585486E+25
fil : = 507.05280703023
fipunto1 : = 3.2861759568005E+18
fi_gradi : = 29051.985833094
t1 : = 1.0812591609548E-14
tpunto1 : = 1.0018607371639
tduepunti0 : = -1.4261258267916E+16
v=v_elettrone : = 10650982.248624
x0= : -5.7593014091675E-13
y0= : -1.7687198839968E-12
```

```
*****
i=60905
k(60905)=0.9995784446357
kQ(60905)=0.99915706698033
r1= : 1.8621689094673E-12
rpunto1: = 8703953.7106991
rduepunti0 : = -5.3004744843746E+25
fil : = 507.05319242866
fipunto1 : = 3.2825686274675E+18
fi_gradi : = 29052.007914797
t1 : = 1.0812591727045E-14
tpunto1 : = 1.0018590676561
tduepunti0 : = -1.4235388791088E+16
v=v_elettrone : = 10643953.950266
x0= : -5.7556381825563E-13
y0= : -1.7699140957289E-12
*****
i=60906
k(60906)=0.99957904615878
kQ(60906)=0.99915826951969
r1= : 1.8631896977853E-12
rpunto1: = 8697742.9072662
rduepunti0 : = -5.2957645216434E+25
fil : = 507.05357740402
fipunto1 : = 3.2789698049429E+18
fi_gradi : = 29052.02997226
t1 : = 1.0812591844542E-14
tpunto1 : = 1.0018574011742
tduepunti0 : = -1.4209587807651E+16
v=v_elettrone : = 10636933.757974
x0= : -5.7519718544399E-13
y0= : -1.7711073500056E-12
*****
i=60907
k(60907)=0.99957964671875
kQ(60907)=0.99915947013438
r1= : 1.8642097577084E-12
rpunto1: = 8691537.6167247
rduepunti0 : = -5.2910638456066E+25
fil : = 507.05396195731
fipunto1 : = 3.2753794612532E+18
fi_gradi : = 29052.052005541
t1 : = 1.0812591962038E-14
tpunto1 : = 1.0018557377102
tduepunti0 : = -1.4183855068638E+16
v=v_elettrone : = 10629921.654557
x0= : -5.7483024318918E-13
y0= : -1.7722996477595E-12
*****
i=60908
k(60908)=0.99958024631783
kQ(60908)=0.99916066882881
r1= : 1.8652290898831E-12
rpunto1: = 8685337.8282123
rduepunti0 : = -5.2863724315982E+25
fil : = 507.05434608953
fipunto1 : = 3.2717975685445E+18
fi_gradi : = 29052.074014696
t1 : = 1.0812592079535E-14
tpunto1 : = 1.0018540772561
tduepunti0 : = -1.415819032622E+16
v=v_elettrone : = 10622917.62118
x0= : -5.7446299219648E-13
y0= : -1.7734909899212E-12
```

```
*****
i=60909
k(60909)=0.99958084495819
kQ(60909)=0.99916186560732
r1= : 1.8662476949548E-12
rpunto1: = 8679143.5308953
rduepunti0 : = -5.2816902550343E+25
fil : = 507.05472980168
fipunto1 : = 3.2682240990819E+18
fi_gradi : = 29052.095999783
t1 : = 1.0812592197031E-14
tpunto1 : = 1.0018524198041
tduepunti0 : = -1.4132593333698E+16
v=v_elettrone : = 10615921.641553
x0= : -5.7409543316945E-13
y0= : -1.7746813774197E-12
*****
i=60910
k(60910)=0.99958144264201
kQ(60910)=0.99916306047429
r1= : 1.8672655735673E-12
rpunto1: = 8672954.7139691
rduepunti0 : = -5.2770172914131E+25
fil : = 507.05511309473
fipunto1 : = 3.2646590252491E+18
fi_gradi : = 29052.117960857
t1 : = 1.0812592314527E-14
tpunto1 : = 1.001850765346
tduepunti0 : = -1.4107063845499E+16
v=v_elettrone : = 10608933.69773
x0= : -5.7372756680946E-13
y0= : -1.7758708111816E-12
*****
i=60911
k(60911)=0.99958203937148
kQ(60911)=0.99916425343405
r1= : 1.8682827263635E-12
rpunto1: = 8666771.3666573
rduepunti0 : = -5.2723535163141E+25
fil : = 507.05549596967
fipunto1 : = 3.2611023195473E+18
fi_gradi : = 29052.139897975
t1 : = 1.0812592432023E-14
tpunto1 : = 1.0018491138742
tduepunti0 : = -1.4081601617167E+16
v=v_elettrone : = 10601953.77173
x0= : -5.73359393816E-13
y0= : -1.777059292132E-12
*****
i=60912
k(60912)=0.99958263514876
kQ(60912)=0.99916544449093
r1= : 1.8692991539848E-12
rpunto1: = 8660593.4782124
rduepunti0 : = -5.2676989053982E+25
fil : = 507.05587842749
fipunto1 : = 3.2575539545952E+18
fi_gradi : = 29052.161811194
t1 : = 1.0812592549518E-14
tpunto1 : = 1.0018474653807
tduepunti0 : = -1.4056206405359E+16
v=v_elettrone : = 10594981.846512
x0= : -5.7299091488675E-13
y0= : -1.7782468211937E-12
```

```
*****
i=60913
k(60913)=0.999583229976
kQ(60913)=0.99916663364925
r1= : 1.8703148570714E-12
rpunto1: = 8654421.0379152
rduepunti0 : = -5.2630534344073E+25
fil : = 507.05626046916
fipunto1 : = 3.2540139031279E+18
fi_gradi : = 29052.183700569
t1 : = 1.0812592667014E-14
tpunto1 : = 1.0018458198577
tduepunti0 : = -1.4030877967837E+16
v=v_elettrone : = 10588017.904969
x0= : -5.7262213071738E-13
y0= : -1.7794333992878E-12
*****
i=60914
k(60914)=0.99958382385536
kQ(60914)=0.99916782091331
r1= : 1.8713298362622E-12
rpunto1: = 8648254.0350748
rduepunti0 : = -5.258417079164E+25
fil : = 507.05664209566
fipunto1 : = 3.2504821379965E+18
fi_gradi : = 29052.205566157
t1 : = 1.0812592784509E-14
tpunto1 : = 1.0018441772973
tduepunti0 : = -1.4005616063464E+16
v=v_elettrone : = 10581061.929951
x0= : -5.722530420016E-13
y0= : -1.7806190273334E-12
*****
i=60915
k(60915)=0.999584416789
kQ(60915)=0.9991690062874
r1= : 1.8723440921951E-12
rpunto1: = 8642092.4590287
rduepunti0 : = -5.2537898155709E+25
fil : = 507.05702330796
fipunto1 : = 3.2469586321675E+18
fi_gradi : = 29052.227408013
t1 : = 1.0812592902004E-14
tpunto1 : = 1.0018425376919
tduepunti0 : = -1.3980420452197E+16
v=v_elettrone : = 10574113.903166
x0= : -5.7188364943116E-13
y0= : -1.7818037062478E-12
*****
i=60916
k(60916)=0.99958500877904
kQ(60916)=0.9991701897758
r1= : 1.8733576255063E-12
rpunto1: = 8635936.2991425
rduepunti0 : = -5.2491716196111E+25
fil : = 507.05740410703
fipunto1 : = 3.2434433587221E+18
fi_gradi : = 29052.249226192
t1 : = 1.0812593019498E-14
tpunto1 : = 1.0018409010336
tduepunti0 : = -1.3955290895081E+16
v=v_elettrone : = 10567173.808354
x0= : -5.7151395369613E-13
y0= : -1.7829874369463E-12
```

```
*****
i=60917
k(60917)=0.99958559982763
kQ(60917)=0.99917137138277
r1= : 1.8743704368312E-12
rpunto1: = 8629785.5448098
rduepunti0 : = -5.244562467347E+25
fil : = 507.05778449383
fipunto1 : = 3.2399362908558E+18
fi_gradi : = 29052.27102075
t1 : = 1.0812593136993E-14
tpunto1 : = 1.0018392673147
tduepunti0 : = -1.3930227154244E+16
v=v_elettrone : = 10560241.628145
x0= : -5.711439554845E-13
y0= : -1.7841702203423E-12
*****
i=60918
k(60918)=0.99958618993689
kQ(60918)=0.99917255111255
r1= : 1.8753825268036E-12
rpunto1: = 8623640.1854524
rduepunti0 : = -5.2399623349206E+25
fil : = 507.05816446932
fipunto1 : = 3.2364374018776E+18
fi_gradi : = 29052.292791742
t1 : = 1.0812593254487E-14
tpunto1 : = 1.0018376365277
tduepunti0 : = -1.3905228992888E+16
v=v_elettrone : = 10553317.345615
x0= : -5.7077365548241E-13
y0= : -1.7853520573472E-12
*****
i=60919
k(60919)=0.99958677910894
kQ(60919)=0.99917372896939
r1= : 1.8763938960563E-12
rpunto1: = 8617500.2105196
rduepunti0 : = -5.2353711985532E+25
fil : = 507.05854403447
fipunto1 : = 3.2329466652094E+18
fi_gradi : = 29052.314539224
t1 : = 1.0812593371982E-14
tpunto1 : = 1.0018360086647
tduepunti0 : = -1.3880296175288E+16
v=v_elettrone : = 10546400.943255
x0= : -5.7040305437409E-13
y0= : -1.7865329488708E-12
*****
i=60920
k(60920)=0.9995873673459
kQ(60920)=0.9991749049575
r1= : 1.8774045452208E-12
rpunto1: = 8611365.609489
rduepunti0 : = -5.2307890345446E+25
fil : = 507.05892319023
fipunto1 : = 3.2294640543857E+18
fi_gradi : = 29052.336263248
t1 : = 1.0812593489476E-14
tpunto1 : = 1.0018343837181
tduepunti0 : = -1.3855428466782E+16
v=v_elettrone : = 10539492.404538
x0= : -5.7003215284199E-13
y0= : -1.7877128958207E-12
```



```
*****
i=60921
k(60921)=0.99958795464987
kQ(60921)=0.99917607908111
r1= : 1.8784144749273E-12
rpunto1 : = 8605236.3718655
rduepunti0 : = -5.2262158192733E+25
fil : = 507.05930193755
fipunto1 : = 3.2259895430526E+18
fi_gradi : = 29052.357963872
t1 : = 1.081259360697E-14
tpunto1 : = 1.0018327616804
tduepunti0 : = -1.3830625633767E+16
v=v_elettrone : = 10532591.71234
x0= : -5.6966095156661E-13
y0= : -1.7888918991029E-12
*****
i=60922
k(60922)=0.99958854102295
kQ(60922)=0.9991772513444
r1= : 1.8794236858048E-12
rpunto1 : = 8599112.4871817
rduepunti0 : = -5.2216515291961E+25
fil : = 507.05968027739
fipunto1 : = 3.2225231049677E+18
fi_gradi : = 29052.379641148
t1 : = 1.0812593724463E-14
tpunto1 : = 1.001831142544
tduepunti0 : = -1.3805887443693E+16
v=v_elettrone : = 10525698.849996
x0= : -5.6928945122661E-13
y0= : -1.7900699596212E-12
*****
i=60923
k(60923)=0.99958912646725
kQ(60923)=0.99917842175156
r1= : 1.8804321784811E-12
rpunto1 : = 8592993.9449978
rduepunti0 : = -5.2170961408475E+25
fil : = 507.06005821069
fipunto1 : = 3.2190647139991E+18
fi_gradi : = 29052.401295131
t1 : = 1.0812593841957E-14
tpunto1 : = 1.0018295263012
tduepunti0 : = -1.3781213665058E+16
v=v_elettrone : = 10518813.800256
x0= : -5.6891765249879E-13
y0= : -1.7912470782779E-12
*****
i=60924
k(60924)=0.99958971098485
kQ(60924)=0.99917959030677
r1= : 1.8814399535828E-12
rpunto1 : = 8586880.7349015
rduepunti0 : = -5.2125496308398E+25
fil : = 507.0604357384
fipunto1 : = 3.215614344125E+18
fi_gradi : = 29052.422925875
t1 : = 1.081259395945E-14
tpunto1 : = 1.0018279129447
tduepunti0 : = -1.3756604067401E+16
v=v_elettrone : = 10511936.546846
x0= : -5.6854555605815E-13
y0= : -1.7924232559732E-12
```

```
*****
i=60925
k(60925)=0.99959029457782
kQ(60925)=0.99918075701417
r1= : 1.8824470117351E-12
rpunto1: = 8580772.8465077
rduepunti0 : = -5.2080119758626E+25
fil : = 507.06081286144
fipunto1 : = 3.2121719694332E+18
fi_gradi : = 29052.444533434
t1 : = 1.0812594076943E-14
tpunto1 : = 1.0018263024668
tduepunti0 : = -1.3732058421297E+16
v=v_elettrone : = 10505067.073427
x0= : -5.6817316257778E-13
y0= : -1.7935984936055E-12
*****
i=60926
k(60926)=0.99959087724825
kQ(60926)=0.99918192187793
r1= : 1.8834533535624E-12
rpunto1: = 8574670.2694585
rduepunti0 : = -5.2034831526825E+25
fil : = 507.06118958078
fipunto1 : = 3.2087375641204E+18
fi_gradi : = 29052.466117861
t1 : = 1.0812594194436E-14
tpunto1 : = 1.0018246948602
tduepunti0 : = -1.3707576498352E+16
v=v_elettrone : = 10498205.362029
x0= : -5.6780047272887E-13
y0= : -1.7947727920713E-12
*****
i=60927
k(60927)=0.99959145899821
kQ(60927)=0.99918308490217
r1= : 1.8844589796873E-12
rpunto1: = 8568572.9934233
rduepunti0 : = -5.1989631381429E+25
fil : = 507.06156589732
fipunto1 : = 3.2053111024919E+18
fi_gradi : = 29052.487679211
t1 : = 1.0812594311928E-14
tpunto1 : = 1.0018230901173
tduepunti0 : = -1.3683158071195E+16
v=v_elettrone : = 10491351.397232
x0= : -5.6742748718103E-13
y0= : -1.7959461522653E-12
*****
i=60928
k(60928)=0.99959203982975
kQ(60928)=0.99918424609101
r1= : 1.8854638907317E-12
rpunto1: = 8562481.0080984
rduepunti0 : = -5.1944519091637E+25
fil : = 507.06194181202
fipunto1 : = 3.2018925589605E+18
fi_gradi : = 29052.509217537
t1 : = 1.0812594429421E-14
tpunto1 : = 1.0018214882307
tduepunti0 : = -1.3658802913477E+16
v=v_elettrone : = 10484505.162506
x0= : -5.6705420660181E-13
y0= : -1.7971185750805E-12
```

```
*****
i=60929
k(60929)=0.99959261974495
kQ(60929)=0.99918540544856
r1= : 1.886468087316E-12
rpunto1 : = 8556394.3032074
rduepunti0 : = -5.1899494427409E+25
fil : = 507.0623173258
fipunto1 : = 3.1984819080466E+18
fi_gradi : = 29052.530732892
t1 : = 1.0812594546913E-14
tpunto1 : = 1.0018198891931
tduepunti0 : = -1.3634510799861E+16
v=v_elettrone : = 10477666.640728
x0= : -5.6668063165696E-13
y0= : -1.7982900614078E-12
*****
i=60930
k(60930)=0.99959319874583
kQ(60930)=0.99918656297892
r1= : 1.8874715700595E-12
rpunto1 : = 8550312.8685005
rduepunti0 : = -5.1854557159464E+25
fil : = 507.06269243958
fipunto1 : = 3.1950791243772E+18
fi_gradi : = 29052.552225328
t1 : = 1.0812594664405E-14
tpunto1 : = 1.0018182929971
tduepunti0 : = -1.3610281506018E+16
v=v_elettrone : = 10470835.815773
x0= : -5.6630676301056E-13
y0= : -1.7994606121364E-12
*****
i=60931
k(60931)=0.99959377683446
kQ(60931)=0.99918771868617
r1= : 1.8884743395803E-12
rpunto1 : = 8544236.6937547
rduepunti0 : = -5.1809707059277E+25
fil : = 507.06306715428
fipunto1 : = 3.1916841826856E+18
fi_gradi : = 29052.573694899
t1 : = 1.0812594781897E-14
tpunto1 : = 1.0018166996353
tduepunti0 : = -1.3586114808624E+16
v=v_elettrone : = 10464012.670912
x0= : -5.659326013248E-13
y0= : -1.8006302281536E-12
*****
i=60932
k(60932)=0.99959435401286
kQ(60932)=0.99918887257439
r1= : 1.8894763964953E-12
rpunto1 : = 8538165.7687738
rduepunti0 : = -5.1764943899075E+25
fil : = 507.06344147083
fipunto1 : = 3.1882970578107E+18
fi_gradi : = 29052.595141658
t1 : = 1.0812594899389E-14
tpunto1 : = 1.0018151091004
tduepunti0 : = -1.356201048535E+16
v=v_elettrone : = 10457197.190414
x0= : -5.6555814726016E-13
y0= : -1.8017989103451E-12
```

```
*****
i=60933
k(60933)=0.99959493028307
kQ(60933)=0.99919002464762
r1= : 1.8904777414201E-12
rpunto1: = 8532100.0833883
rduepunti0 : = -5.1720267451838E+25
fil : = 507.06381539014
fipunto1 : = 3.1849177246964E+18
fi_gradi : = 29052.616565656
t1 : = 1.0812595016881E-14
tpunto1 : = 1.0018135213852
tduepunti0 : = -1.353796831486E+16
v=v_elettrone : = 10450389.357956
x0= : -5.6518340147521E-13
y0= : -1.8029666595946E-12
*****
i=60934
k(60934)=0.99959550564712
kQ(60934)=0.99919117490992
r1= : 1.8914783749692E-12
rpunto1: = 8526039.6274551
rduepunti0 : = -5.1675677491291E+25
fil : = 507.06418891313
fipunto1 : = 3.1815461583915E+18
fi_gradi : = 29052.637966947
t1 : = 1.0812595134372E-14
tpunto1 : = 1.0018119364823
tduepunti0 : = -1.3513988076805E+16
v=v_elettrone : = 10443589.156628
x0= : -5.6480836462676E-13
y0= : -1.8041334767839E-12
*****
i=60935
k(60935)=0.99959608010702
kQ(60935)=0.99919232336532
r1= : 1.892478297756E-12
rpunto1: = 8519984.3908576
rduepunti0 : = -5.1631173791904E+25
fil : = 507.06456204071
fipunto1 : = 3.1781823340484E+18
fi_gradi : = 29052.659345582
t1 : = 1.0812595251863E-14
tpunto1 : = 1.0018103543846
tduepunti0 : = -1.3490069551818E+16
v=v_elettrone : = 10436796.571035
x0= : -5.6443303736996E-13
y0= : -1.8052993627932E-12
*****
i=60936
k(60936)=0.99959665366479
kQ(60936)=0.99919347001784
r1= : 1.8934775103926E-12
rpunto1: = 8513934.3635055
rduepunti0 : = -5.1586756128889E+25
fil : = 507.06493477378
fipunto1 : = 3.1748262269234E+18
fi_gradi : = 29052.680701614
t1 : = 1.0812595369354E-14
tpunto1 : = 1.0018087750848
tduepunti0 : = -1.3466212521507E+16
v=v_elettrone : = 10430011.584673
x0= : -5.6405742035806E-13
y0= : -1.8064643185008E-12
```

```
*****
i=60937
k(60937)=0.99959722632243
kQ(60937)=0.9991946148715
r1= : 1.8944760134899E-12
rpunto1: = 8507889.535335
rduepunti0 : = -5.1542424278197E+25
fil : = 507.06530711325
fipunto1 : = 3.1714778123756E+18
fi_gradi : = 29052.702035094
t1 : = 1.0812595486845E-14
tpunto1 : = 1.0018071985757
tduepunti0 : = -1.3442416768452E+16
v=v_elettrone : = 10423234.181491
x0= : -5.6368151424262E-13
y0= : -1.8076283447832E-12
*****
i=60938
k(60938)=0.99959779808195
kQ(60938)=0.99919575793028
r1= : 1.8954738076576E-12
rpunto1: = 8501849.8963083
rduepunti0 : = -5.1498178016514E+25
fil : = 507.06567906003
fipunto1 : = 3.1681370658666E+18
fi_gradi : = 29052.723346075
t1 : = 1.0812595604336E-14
tpunto1 : = 1.0018056248502
tduepunti0 : = -1.3418682076199E+16
v=v_elettrone : = 10416464.345922
x0= : -5.6330531967342E-13
y0= : -1.8087914425152E-12
*****
i=60939
k(60939)=0.99959836894534
kQ(60939)=0.99919689919817
r1= : 1.8964708935043E-12
rpunto1: = 8495815.4364137
rduepunti0 : = -5.1454017121262E+25
fil : = 507.066050615
fipunto1 : = 3.16480396296E+18
fi_gradi : = 29052.744634607
t1 : = 1.0812595721826E-14
tpunto1 : = 1.0018040539011
tduepunti0 : = -1.3395008229252E+16
v=v_elettrone : = 10409702.061267
x0= : -5.6292883729844E-13
y0= : -1.8099536125696E-12
*****
i=60940
k(60940)=0.99959893891458
kQ(60940)=0.99919803867916
r1= : 1.8974672716375E-12
rpunto1: = 8489786.1456655
rduepunti0 : = -5.1409941370591E+25
fil : = 507.06642177908
fipunto1 : = 3.1614784793206E+18
fi_gradi : = 29052.765900742
t1 : = 1.0812595839316E-14
tpunto1 : = 1.0018024857214
tduepunti0 : = -1.3371395013074E+16
v=v_elettrone : = 10402947.311827
x0= : -5.6255206776402E-13
y0= : -1.8111148558177E-12
```

```
*****
i=60941
k(60941)=0.99959950799167
kQ(60941)=0.99919917637719
r1= : 1.8984629426633E-12
rpunto1: = 8483762.014104
rduepunti0 : = -5.1365950543381E+25
fil : = 507.06679255314
fipunto1 : = 3.1581605907143E+18
fi_gradi : = 29052.787144531
t1 : = 1.0812595956807E-14
tpunto1 : = 1.0018009203039
tduepunti0 : = -1.3347842214077E+16
v=v_elettrone : = 10396200.08185
x0= : -5.6217501171476E-13
y0= : -1.8122751731288E-12
*****
i=60942
k(60942)=0.99960007617857
kQ(60942)=0.99920031229621
r1= : 1.8994579071869E-12
rpunto1: = 8477743.0317954
rduepunti0 : = -5.1322044419233E+25
fil : = 507.06716293809
fipunto1 : = 3.1548502730075E+18
fi_gradi : = 29052.808366025
t1 : = 1.0812596074296E-14
tpunto1 : = 1.0017993576416
tduepunti0 : = -1.3324349619617E+16
v=v_elettrone : = 10389460.35551
x0= : -5.6179766979347E-13
y0= : -1.8134345653705E-12
*****
i=60943
k(60943)=0.99960064347727
kQ(60943)=0.99920144644017
r1= : 1.900452165812E-12
rpunto1: = 8471729.1888316
rduepunti0 : = -5.1278222778476E+25
fil : = 507.06753293481
fipunto1 : = 3.1515475021662E+18
fi_gradi : = 29052.829565275
t1 : = 1.0812596191786E-14
tpunto1 : = 1.0017977977274
tduepunti0 : = -1.3300917017993E+16
v=v_elettrone : = 10382728.116939
x0= : -5.6142004264128E-13
y0= : -1.8145930334087E-12
*****
i=60944
k(60944)=0.99960120988972
kQ(60944)=0.99920257881299
r1= : 1.9014457191416E-12
rpunto1: = 8465720.4753301
rduepunti0 : = -5.1234485402154E+25
fil : = 507.06790254418
fipunto1 : = 3.148252254256E+18
fi_gradi : = 29052.850742332
t1 : = 1.0812596309276E-14
tpunto1 : = 1.0017962405544
tduepunti0 : = -1.3277544198436E+16
v=v_elettrone : = 10376003.350726
x0= : -5.6104213089758E-13
y0= : -1.8157505781075E-12
```

```
*****
i=60945
k(60945)=0.99960177541788
kQ(60945)=0.99920370941858
r1= : 1.902438567777E-12
rpunto1:= 8459716.8814341
rduepunti0 := -5.1190832072031E+25
fil := 507.06827176709
fipunto1 := 3.1449645054412E+18
fi_gradi := 29052.871897247
t1 := 1.0812596426765E-14
tpunto1 := 1.0017946861155
tduepunti0 := -1.3254230951111E+16
v=v_elettrone := 10369286.040872
x0= : -5.6066393520003E-13
y0= : -1.8169072003291E-12
*****
i=60946
k(60946)=0.99960234006371
kQ(60946)=0.99920483826084
r1= : 1.9034307123188E-12
rpunto1:= 8453718.3973123
rduepunti0 := -5.1147262570582E+25
fil := 507.06864060442
fipunto1 := 3.1416842319847E+18
fi_gradi := 29052.893030069
t1 := 1.0812596544254E-14
tpunto1 := 1.0017931344038
tduepunti0 := -1.3230977067104E+16
v=v_elettrone := 10362576.171854
x0= : -5.6028545618462E-13
y0= : -1.8180629009343E-12
*****
i=60947
k(60947)=0.99960290382915
kQ(60947)=0.99920596534367
r1= : 1.9044221533663E-12
rpunto1:= 8447725.0131589
rduepunti0 := -5.1103776680996E+25
fil := 507.06900905704
fipunto1 := 3.1384114102471E+18
fi_gradi := 29052.914140849
t1 := 1.0812596661743E-14
tpunto1 := 1.0017915854123
tduepunti0 := -1.3207782338426E+16
v=v_elettrone := 10355873.728623
x0= : -5.5990669448564E-13
y0= : -1.8192176807817E-12
*****
i=60948
k(60948)=0.99960346671614
kQ(60948)=0.99920709067093
r1= : 1.9054128915174E-12
rpunto1:= 8441736.7191932
rduepunti0 := -5.106037418717E+25
fil := 507.06937712583
fipunto1 := 3.1351460166864E+18
fi_gradi := 29052.935229637
t1 := 1.0812596779232E-14
tpunto1 := 1.0017900391342
tduepunti0 := -1.3184646558001E+16
v=v_elettrone := 10349178.694468
x0= : -5.5952765073558E-13
y0= : -1.8203715407286E-12
```

```

*****
i=60949
k(60949)=0.99960402872663
kQ(60949)=0.99920821424651
r1= : 1.9064029273693E-12
rpunto1: = 8435753.5056599
rduepunti0 : = -5.1017054873707E+25
fil : = 507.06974481166
fipunto1 : = 3.1318880278576E+18
fi_gradi : = 29052.956296484
t1 : = 1.0812596896721E-14
tpunto1 : = 1.0017884955625
tduepunti0 : = -1.3161569519663E+16
v=v_elettrone : = 10342491.054754
x0= : -5.5914832556547E-13
y0= : -1.8215244816302E-12
*****
i=60950
k(60950)=0.99960458986253
kQ(60950)=0.99920933607424
r1= : 1.9073922615177E-12
rpunto1: = 8429775.3628291
rduepunti0 : = -5.0973818525913E+25
fil : = 507.07011211539
fipunto1 : = 3.1286374204121E+18
fi_gradi : = 29052.977341437
t1 : = 1.0812597014209E-14
tpunto1 : = 1.0017869546904
tduepunti0 : = -1.3138551018153E+16
v=v_elettrone : = 10335810.794262
x0= : -5.5876871960452E-13
y0= : -1.8226765043402E-12
*****
i=60951
k(60951)=0.99960515012578
kQ(60951)=0.99921045615798
r1= : 1.9083808945574E-12
rpunto1: = 8423802.2809956
rduepunti0 : = -5.0930664929796E+25
fil : = 507.0704790379
fipunto1 : = 3.125394171097E+18
fi_gradi : = 29052.998364549
t1 : = 1.0812597131697E-14
tpunto1 : = 1.0017854165111
tduepunti0 : = -1.3115590849113E+16
v=v_elettrone : = 10329137.897171
x0= : -5.5838883348019E-13
y0= : -1.8238276097105E-12
*****
i=60952
k(60952)=0.99960570951828
kQ(60952)=0.99921157450155
r1= : 1.9093688270818E-12
rpunto1: = 8417834.2504795
rduepunti0 : = -5.0887593872061E+25
fil : = 507.07084558004
fipunto1 : = 3.1221582567552E+18
fi_gradi : = 29053.019365866
t1 : = 1.0812597249185E-14
tpunto1 : = 1.0017838810177
tduepunti0 : = -1.3092688809083E+16
v=v_elettrone : = 10322472.348136
x0= : -5.580086678184E-13
y0= : -1.8249777985913E-12

```



```
*****
i=60953
k(60953)=0.99960626804196
kQ(60953)=0.99921269110878
r1= : 1.9103560596833E-12
rpunto1: = 8411871.2616257
rduepunti0 : = -5.0844605140109E+25
fil : = 507.07121174269
fipunto1 : = 3.1189296543242E+18
fi_gradi : = 29053.04034544
t1 : = 1.0812597366673E-14
tpunto1 : = 1.0017823482033
tduepunti0 : = -1.306984469549E+16
v=v_elettrone : = 10315814.131764
x0= : -5.5762822324338E-13
y0= : -1.826127071831E-12
*****
i=60954
k(60954)=0.99960682569872
kQ(60954)=0.99921380598348
r1= : 1.9113425929534E-12
rpunto1: = 8405913.304804
rduepunti0 : = -5.0801698522034E+25
fil : = 507.07157752668
fipunto1 : = 3.1157083408363E+18
fi_gradi : = 29053.06130332
t1 : = 1.0812597484161E-14
tpunto1 : = 1.0017808180614
tduepunti0 : = -1.3047058306653E+16
v=v_elettrone : = 10309163.233134
x0= : -5.5724750037774E-13
y0= : -1.8272754302764E-12
*****
i=60955
k(60955)=0.99960738249046
kQ(60955)=0.99921491912943
r1= : 1.912328427482E-12
rpunto1: = 8399960.370409
rduepunti0 : = -5.075887380662E+25
fil : = 507.07194293288
fipunto1 : = 3.1124942934176E+18
fi_gradi : = 29053.082239553
t1 : = 1.0812597601649E-14
tpunto1 : = 1.0017792905851
tduepunti0 : = -1.3024329441771E+16
v=v_elettrone : = 10302519.637268
x0= : -5.5686649984238E-13
y0= : -1.8284228747724E-12
*****
i=60956
k(60956)=0.99960793841907
kQ(60956)=0.99921603055043
r1= : 1.9133135638583E-12
rpunto1: = 8394012.4488599
rduepunti0 : = -5.0716130783339E+25
fil : = 507.07230796215
fipunto1 : = 3.1092874892878E+18
fi_gradi : = 29053.103154189
t1 : = 1.0812597719136E-14
tpunto1 : = 1.0017777657676
tduepunti0 : = -1.3001657900919E+16
v=v_elettrone : = 10295883.328603
x0= : -5.5648522225652E-13
y0= : -1.8295694061626E-12
```

```
*****
i=60957
k(60957)=0.99960849348645
kQ(60957)=0.99921714025025
r1= : 1.9142980026701E-12
rpunto1: = 8388069.5306005
rduepunti0 : = -5.0673469242346E+25
fil : = 507.07267261532
fipunto1 : = 3.1060879057596E+18
fi_gradi : = 29053.124047277
t1 : = 1.0812597836623E-14
tpunto1 : = 1.0017762436023
tduepunti0 : = -1.2979043485047E+16
v=v_elettrone : = 10289254.292579
x0= : -5.5610366823782E-13
y0= : -1.8307150252884E-12
*****
i=60958
k(60958)=0.99960904769448
kQ(60958)=0.99921824823266
r1= : 1.9152817445042E-12
rpunto1: = 8382131.6060994
rduepunti0 : = -5.0630888974483E+25
fil : = 507.07303689325
fipunto1 : = 3.1028955202386E+18
fi_gradi : = 29053.144918865
t1 : = 1.081259795411E-14
tpunto1 : = 1.0017747240826
tduepunti0 : = -1.2956485995972E+16
v=v_elettrone : = 10282632.512981
x0= : -5.557218384022E-13
y0= : -1.8318597329899E-12
*****
i=60959
k(60959)=0.99960960104503
kQ(60959)=0.9992193545014
r1= : 1.9162647899463E-12
rpunto1: = 8376198.6658493
rduepunti0 : = -5.0588389771267E+25
fil : = 507.07340079678
fipunto1 : = 3.0997103102221E+18
fi_gradi : = 29053.165769001
t1 : = 1.0812598071597E-14
tpunto1 : = 1.0017732072017
tduepunti0 : = -1.2933985236378E+16
v=v_elettrone : = 10276017.976217
x0= : -5.5533973336419E-13
y0= : -1.8330035301052E-12
*****
i=60960
k(60960)=0.99961015353998
kQ(60960)=0.99922045906021
r1= : 1.917247139581E-12
rpunto1: = 8370270.7003674
rduepunti0 : = -5.0545971424895E+25
fil : = 507.07376432676
fipunto1 : = 3.0965322532995E+18
fi_gradi : = 29053.186597735
t1 : = 1.0812598189084E-14
tpunto1 : = 1.001771692953
tduepunti0 : = -1.2911541009803E+16
v=v_elettrone : = 10269410.666498
x0= : -5.5495735373643E-13
y0= : -1.8341464174711E-12
```

```
*****
i=60961
k(60961)=0.99961070518119
kQ(60961)=0.99922156191284
r1= : 1.9182287939915E-12
rpunto1: = 8364347.7001952
rduepunti0 : = -5.050363372824E+25
fil : = 507.07412748401
fipunto1 : = 3.093361327151E+18
fi_gradi : = 29053.207405113
t1 : = 1.081259830657E-14
tpunto1 : = 1.00177018133
tduepunti0 : = -1.2889153120644E+16
v=v_elettrone : = 10262810.569042
x0= : -5.5457470013011E-13
y0= : -1.8352883959223E-12
*****
i=60962
k(60962)=0.99961125597053
kQ(60962)=0.99922266306298
r1= : 1.9192097537604E-12
rpunto1: = 8358429.6558985
rduepunti0 : = -5.0461376474844E+25
fil : = 507.07449026939
fipunto1 : = 3.0901975095481E+18
fi_gradi : = 29053.228191184
t1 : = 1.0812598424056E-14
tpunto1 : = 1.001768672326
tduepunti0 : = -1.2866821374146E+16
v=v_elettrone : = 10256217.669561
x0= : -5.5419177315478E-13
y0= : -1.8364294662921E-12
*****
i=60963
k(60963)=0.99961180590985
kQ(60963)=0.99922376251436
r1= : 1.9201900194687E-12
rpunto1: = 8352516.5580672
rduepunti0 : = -5.041919945892E+25
fil : = 507.07485268372
fipunto1 : = 3.0870407783521E+18
fi_gradi : = 29053.248955995
t1 : = 1.0812598541543E-14
tpunto1 : = 1.0017671659345
tduepunti0 : = -1.2844545576401E+16
v=v_elettrone : = 10249631.952103
x0= : -5.5380857341827E-13
y0= : -1.837569629412E-12
*****
i=60964
k(60964)=0.99961235500101
kQ(60964)=0.99922486027066
r1= : 1.9211695916967E-12
rpunto1: = 8346608.397315
rduepunti0 : = -5.037710247535E+25
fil : = 507.07521472782
fipunto1 : = 3.0838911115146E+18
fi_gradi : = 29053.269699594
t1 : = 1.0812598659029E-14
tpunto1 : = 1.0017656621489
tduepunti0 : = -1.2822325534341E+16
v=v_elettrone : = 10243053.402789
x0= : -5.5342510152705E-13
y0= : -1.838708886112E-12
```

```
*****
i=60965
k(60965)=0.99961290324584
kQ(60965)=0.99922595633557
r1= : 1.9221484710233E-12
rpunto1: = 8340705.16428
rduepunti0 : = -5.033508531968E+25
fil : = 507.07557640254
fipunto1 : = 3.0807484870763E+18
fi_gradi : = 29053.290422029
t1 : = 1.0812598776514E-14
tpunto1 : = 1.0017641609627
tduepunti0 : = -1.2800161055738E+16
v=v_elettrone : = 10236482.007177
x0= : -5.5304135808583E-13
y0= : -1.8398472372201E-12
*****
i=60966
k(60966)=0.99961345064618
kQ(60966)=0.99922705071277
r1= : 1.9231266580264E-12
rpunto1: = 8334806.8496239
rduepunti0 : = -5.0293147788115E+25
fil : = 507.0759377087
fipunto1 : = 3.077612883167E+18
fi_gradi : = 29053.311123347
t1 : = 1.0812598894E-14
tpunto1 : = 1.0017626623695
tduepunti0 : = -1.2778051949192E+16
v=v_elettrone : = 10229917.749688
x0= : -5.5265734369767E-13
y0= : -1.8409846835632E-12
*****
i=60967
k(60967)=0.99961399720388
kQ(60967)=0.99922814340592
r1= : 1.9241041532829E-12
rpunto1: = 8328913.4440322
rduepunti0 : = -5.0251289677525E+25
fil : = 507.07629864712
fipunto1 : = 3.0744842780051E+18
fi_gradi : = 29053.331803595
t1 : = 1.0812599011485E-14
tpunto1 : = 1.0017611663627
tduepunti0 : = -1.2755998024135E+16
v=v_elettrone : = 10223360.616284
x0= : -5.5227305896422E-13
y0= : -1.8421212259659E-12
*****
i=60968
k(60968)=0.99961454292075
kQ(60968)=0.99922923441866
r1= : 1.9250809573685E-12
rpunto1: = 8323024.9382145
rduepunti0 : = -5.0209510785433E+25
fil : = 507.07665921862
fipunto1 : = 3.0713626498971E+18
fi_gradi : = 29053.35246282
t1 : = 1.0812599128971E-14
tpunto1 : = 1.001759672936
tduepunti0 : = -1.2733999090822E+16
v=v_elettrone : = 10216810.591819
x0= : -5.5188850448546E-13
y0= : -1.8432568652516E-12
```

```

*****
i=60969
k(60969)=0.99961508779862
kQ(60969)=0.99923032375465
r1= : 1.9260570708578E-12
rpunto1: = 8317141.3229037
rduepunti0 : = -5.0167810910018E+25
fil : = 507.07701942402
fipunto1 : = 3.068247977237E+18
fi_gradi : = 29053.373101069
t1 : = 1.0812599246456E-14
tpunto1 : = 1.0017581820828
tduepunti0 : = -1.2712054960327E+16
v=v_elettrone : = 10210267.662709
x0= : -5.5150368085991E-13
y0= : -1.844391602242E-12
*****
i=60970
k(60970)=0.99961563183932
kQ(60970)=0.99923141141751
r1= : 1.9270324943244E-12
rpunto1: = 8311262.5888563
rduepunti0 : = -5.0126189850114E+25
fil : = 507.07737926413
fipunto1 : = 3.0651402385063E+18
fi_gradi : = 29053.393718389
t1 : = 1.081259936394E-14
tpunto1 : = 1.0017566937967
tduepunti0 : = -1.2690165444539E+16
v=v_elettrone : = 10203731.813143
x0= : -5.5111858868432E-13
y0= : -1.845525437757E-12
*****
i=60971
k(60971)=0.99961617504464
kQ(60971)=0.99923249741087
r1= : 1.9280072283408E-12
rpunto1: = 8305388.7268527
rduepunti0 : = -5.00846474052E+25
fil : = 507.07773873977
fipunto1 : = 3.062039412273E+18
fi_gradi : = 29053.414314826
t1 : = 1.0812599481425E-14
tpunto1 : = 1.0017552080715
tduepunti0 : = -1.266833035616E+16
v=v_elettrone : = 10197203.029982
x0= : -5.5073322855416E-13
y0= : -1.8466583726148E-12
*****
i=60972
k(60972)=0.99961671741639
kQ(60972)=0.99923358173832
r1= : 1.9289812734783E-12
rpunto1: = 8299519.7276963
rduepunti0 : = -5.0043183375406E+25
fil : = 507.07809785175
fipunto1 : = 3.0589454771917E+18
fi_gradi : = 29053.434890427
t1 : = 1.081259959891E-14
tpunto1 : = 1.0017537249007
tduepunti0 : = -1.2646549508698E+16
v=v_elettrone : = 10190681.298388
x0= : -5.5034760106308E-13
y0= : -1.8477904076324E-12

```

```
*****
i=60973
k(60973)=0.99961725895638
kQ(60973)=0.99923466440347
r1= : 1.9299546303072E-12
rpunto1: = 8293655.582214
rduepunti0 : = -5.0001797561507E+25
fil : = 507.07845660088
fipunto1 : = 3.055858412003E+18
fi_gradi : = 29053.455445238
t1 : = 1.0812599716394E-14
tpunto1 : = 1.001752244278
tduepunti0 : = -1.2624822716462E+16
v=v_elettrone : = 10184166.604035
x0= : -5.4996170680329E-13
y0= : -1.8489215436248E-12
*****
i=60974
k(60974)=0.99961779966641
kQ(60974)=0.99923574540991
r1= : 1.9309272993968E-12
rpunto1: = 8287796.2812562
rduepunti0 : = -4.9960489764918E+25
fil : = 507.07881498796
fipunto1 : = 3.0527781955326E+18
fi_gradi : = 29053.475979305
t1 : = 1.0812599833878E-14
tpunto1 : = 1.0017507661971
tduepunti0 : = -1.2603149794562E+16
v=v_elettrone : = 10177658.931991
x0= : -5.4957554636543E-13
y0= : -1.8500517814054E-12
*****
i=60975
k(60975)=0.99961833954826
kQ(60975)=0.99923682476122
r1= : 1.9318992813153E-12
rpunto1: = 8281941.8156962
rduepunti0 : = -4.9919259787697E+25
fil : = 507.0791730138
fipunto1 : = 3.0497048066919E+18
fi_gradi : = 29053.496492675
t1 : = 1.0812599951362E-14
tpunto1 : = 1.0017492906516
tduepunti0 : = -1.2581530558902E+16
v=v_elettrone : = 10171158.268348
x0= : -5.4918912033872E-13
y0= : -1.8511811217862E-12
*****
i=60976
k(60976)=0.99961887860372
kQ(60976)=0.99923790246095
r1= : 1.9328705766297E-12
rpunto1: = 8276092.1764306
rduepunti0 : = -4.9878107432538E+25
fil : = 507.0795306792
fipunto1 : = 3.0466382244765E+18
fi_gradi : = 29053.516985392
t1 : = 1.0812600068846E-14
tpunto1 : = 1.0017478176353
tduepunti0 : = -1.2559964826175E+16
v=v_elettrone : = 10164664.59971
x0= : -5.4880242931082E-13
y0= : -1.8523095655773E-12
```

```
*****
i=60977
k(60977)=0.99961941683456
kQ(60977)=0.99923897851267
r1= : 1.933841185906E-12
rpunto1: = 8270247.3543792
rduepunti0 : = -4.9837032502772E+25
fil : = 507.07988798495
fipunto1 : = 3.0435784279664E+18
fi_gradi : = 29053.537457504
t1 : = 1.081260018633E-14
tpunto1 : = 1.001746347142
tduepunti0 : = -1.2538452413862E+16
v=v_elettrone : = 10158177.91044
x0= : -5.4841547386766E-13
y0= : -1.8534371135874E-12
*****
i=60978
k(60978)=0.99961995424257
kQ(60978)=0.99924005291993
r1= : 1.9348111097093E-12
rpunto1: = 8264407.3404845
rduepunti0 : = -4.9796034802361E+25
fil : = 507.08024493185
fipunto1 : = 3.0405253963257E+18
fi_gradi : = 29053.557909055
t1 : = 1.0812600303813E-14
tpunto1 : = 1.0017448791654
tduepunti0 : = -1.2516993140225E+16
v=v_elettrone : = 10151698.18758
x0= : -5.4802825459395E-13
y0= : -1.8545637666236E-12
*****
i=60979
k(60979)=0.99962049082952
kQ(60979)=0.99924112568624
r1= : 1.9357803486034E-12
rpunto1: = 8258572.125712
rduepunti0 : = -4.9755114135898E+25
fil : = 507.08060152069
fipunto1 : = 3.0374791088016E+18
fi_gradi : = 29053.578340091
t1 : = 1.0812600421297E-14
tpunto1 : = 1.0017434136993
tduepunti0 : = -1.2495586824305E+16
v=v_elettrone : = 10145225.416485
x0= : -5.4764077207266E-13
y0= : -1.8556895254913E-12
*****
i=60980
k(60980)=0.99962102659716
kQ(60980)=0.99924219681515
r1= : 1.936748903151E-12
rpunto1: = 8252741.7010503
rduepunti0 : = -4.9714270308607E+25
fil : = 507.08095775227
fipunto1 : = 3.0344395447246E+18
fi_gradi : = 29053.598750657
t1 : = 1.081260053878E-14
tpunto1 : = 1.0017419507375
tduepunti0 : = -1.2474233285916E+16
v=v_elettrone : = 10138759.582996
x0= : -5.4725302688536E-13
y0= : -1.8568143909944E-12
```

```
*****
i=60981
k(60981)=0.99962156154725
kQ(60981)=0.99924326631017
r1= : 1.9377167739141E-12
rpunto1 : = 8246916.0575104
rduepunti0 : = -4.9673503126334E+25
fil : = 507.08131362738
fipunto1 : = 3.0314066835076E+18
fi_gradi : = 29053.619140798
t1 : = 1.0812600656263E-14
tpunto1 : = 1.0017404902739
tduepunti0 : = -1.2452932345642E+16
v=v_elettrone : = 10132300.673456
x0= : -5.4686501961212E-13
y0= : -1.857938363935E-12
*****
i=60982
k(60982)=0.99962209568156
kQ(60982)=0.99924433417479
r1= : 1.9386839614534E-12
rpunto1 : = 8241095.1861263
rduepunti0 : = -4.9632812395552E+25
fil : = 507.08166914679
fipunto1 : = 3.0283805046458E+18
fi_gradi : = 29053.63951056
t1 : = 1.0812600773746E-14
tpunto1 : = 1.0017390323023
tduepunti0 : = -1.2431683824836E+16
v=v_elettrone : = 10125848.67416
x0= : -5.4647675083148E-13
y0= : -1.8590614451139E-12
*****
i=60983
k(60983)=0.99962262900182
kQ(60983)=0.99924540041252
r1= : 1.9396504663284E-12
rpunto1 : = 8235279.0779544
rduepunti0 : = -4.9592197923354E+25
fil : = 507.0820243113
fipunto1 : = 3.0253609877163E+18
fi_gradi : = 29053.659859988
t1 : = 1.0812600891228E-14
tpunto1 : = 1.0017375768165
tduepunti0 : = -1.2410487545609E+16
v=v_elettrone : = 10119403.57026
x0= : -5.460882211204E-13
y0= : -1.8601836353302E-12
*****
i=60984
k(60984)=0.99962316150979
kQ(60984)=0.99924646502683
r1= : 1.9406162890979E-12
rpunto1 : = 8229467.7240738
rduepunti0 : = -4.955165951745E+25
fil : = 507.08237912168
fipunto1 : = 3.0223481123776E+18
fi_gradi : = 29053.680189125
t1 : = 1.0812601008711E-14
tpunto1 : = 1.0017361238105
tduepunti0 : = -1.2389343330834E+16
v=v_elettrone : = 10112965.348492
x0= : -5.4569943105454E-13
y0= : -1.8613049353813E-12
```



```
*****
i=60985
k(60985)=0.9996236932072
kQ(60985)=0.9992475280212
r1= : 1.9415814303194E-12
rpunto1 : = 8223661.115586
rduepunti0 : = -4.9511196986169E+25
fil : = 507.08273357872
fipunto1 : = 3.0193418583692E+18
fi_gradi : = 29053.700498018
t1 : = 1.0812601126193E-14
tpunto1 : = 1.0017346732782
tduepunti0 : = -1.2368251004137E+16
v=v_elettrone : = 10106533.995005
x0= : -5.4531038120798E-13
y0= : -1.8624253460633E-12
*****
i=60986
k(60986)=0.99962422409578
kQ(60986)=0.99924858939909
r1= : 1.9425458905495E-12
rpunto1 : = 8217859.2436149
rduepunti0 : = -4.9470810138454E+25
fil : = 507.08308768319
fipunto1 : = 3.0163422055112E+18
fi_gradi : = 29053.720786709
t1 : = 1.0812601243675E-14
tpunto1 : = 1.0017332252135
tduepunti0 : = -1.2347210389893E+16
v=v_elettrone : = 10100109.495888
x0= : -5.449210721533E-13
y0= : -1.8635448681705E-12
*****
i=60987
k(60987)=0.99962475417726
kQ(60987)=0.99924964916396
r1= : 1.9435096703435E-12
rpunto1 : = 8212062.0993068
rduepunti0 : = -4.943049878386E+25
fil : = 507.08344143586
fipunto1 : = 3.0133491337039E+18
fi_gradi : = 29053.741055244
t1 : = 1.0812601361157E-14
tpunto1 : = 1.0017317796104
tduepunti0 : = -1.2326221313225E+16
v=v_elettrone : = 10093691.837187
x0= : -5.4453150446164E-13
y0= : -1.8646635024956E-12
*****
i=60988
k(60988)=0.99962528345337
kQ(60988)=0.99925070731924
r1= : 1.9444727702561E-12
rpunto1 : = 8206269.6738302
rduepunti0 : = -4.939026273255E+25
fil : = 507.08379483751
fipunto1 : = 3.0103626229275E+18
fi_gradi : = 29053.761303667
t1 : = 1.0812601478639E-14
tpunto1 : = 1.0017303364628
tduepunti0 : = -1.2305283600001E+16
v=v_elettrone : = 10087281.005993
x0= : -5.4414167870272E-13
y0= : -1.8657812498301E-12
```

```
*****
i=60989
k(60989)=0.99962581192582
kQ(60989)=0.99925176386836
r1= : 1.9454351908406E-12
rpunto1: = 8200481.9583758
rduepunti0 : = -4.9350101795298E+25
fil : = 507.08414788891
fipunto1 : = 3.0073826532418E+18
fi_gradi : = 29053.781532022
t1 : = 1.0812601596121E-14
tpunto1 : = 1.0017288957647
tduepunti0 : = -1.2284397076825E+16
v=v_elettrone : = 10080876.987712
x0= : -5.4375159544464E-13
y0= : -1.8668981109634E-12
*****
i=60990
k(60990)=0.99962633959633
kQ(60990)=0.99925281881476
r1= : 1.9463969326493E-12
rpunto1: = 8194698.9441566
rduepunti0 : = -4.931001578348E+25
fil : = 507.08450059081
fipunto1 : = 3.0044092047854E+18
fi_gradi : = 29053.801740353
t1 : = 1.0812601713602E-14
tpunto1 : = 1.0017274575103
tduepunti0 : = -1.2263561571037E+16
v=v_elettrone : = 10074479.768782
x0= : -5.433612552542E-13
y0= : -1.8680140866839E-12
*****
i=60991
k(60991)=0.99962686646661
kQ(60991)=0.99925387216185
r1= : 1.9473579962338E-12
rpunto1: = 8188920.6224073
rduepunti0 : = -4.9270004509076E+25
fil : = 507.084852944
fipunto1 : = 3.0014422577758E+18
fi_gradi : = 29053.821928703
t1 : = 1.0812601831083E-14
tpunto1 : = 1.0017260216934
tduepunti0 : = -1.2242776910709E+16
v=v_elettrone : = 10068089.336154
x0= : -5.4297065869677E-13
y0= : -1.869129177778E-12
*****
i=60992
k(60992)=0.99962739253835
kQ(60992)=0.99925492391301
r1= : 1.9483183821441E-12
rpunto1: = 8183146.9843849
rduepunti0 : = -4.9230067784667E+25
fil : = 507.08520494923
fipunto1 : = 2.9984817925087E+18
fi_gradi : = 29053.842097117
t1 : = 1.0812601948564E-14
tpunto1 : = 1.0017245883082
tduepunti0 : = -1.2222042924641E+16
v=v_elettrone : = 10061705.676184
x0= : -5.4257980633614E-13
y0= : -1.8702433850309E-12
```

```
*****
i=60993
k(60993)=0.99962791781325
kQ(60993)=0.99925597407166
r1= : 1.9492780909298E-12
rpunto1 : = 8177378.0213681
rduepunti0 : = -4.9190205423432E+25
fil : = 507.08555660725
fipunto1 : = 2.9955277893578E+18
fi_gradi : = 29053.862245638
t1 : = 1.0812602066045E-14
tpunto1 : = 1.0017231573487
tduepunti0 : = -1.2201359442357E+16
v=v_elettrone : = 10055328.775167
x0= : -5.4218869873471E-13
y0= : -1.871356709226E-12
*****
i=60994
k(60994)=0.99962844229302
kQ(60994)=0.99925702264116
r1= : 1.950237123139E-12
rpunto1 : = 8171613.7246576
rduepunti0 : = -4.9150417239147E+25
fil : = 507.08590791884
fipunto1 : = 2.9925802287742E+18
fi_gradi : = 29053.882374309
t1 : = 1.0812602183526E-14
tpunto1 : = 1.001721728809
tduepunti0 : = -1.21807262941E+16
v=v_elettrone : = 10048958.619369
x0= : -5.4179733645345E-13
y0= : -1.8724691511453E-12
*****
i=60995
k(60995)=0.99962896597933
kQ(60995)=0.9992580696249
r1= : 1.9511954793191E-12
rpunto1 : = 8165854.0855757
rduepunti0 : = -4.9110703046181E+25
fil : = 507.08625888474
fipunto1 : = 2.9896390912864E+18
fi_gradi : = 29053.902483174
t1 : = 1.0812602301007E-14
tpunto1 : = 1.0017203026833
tduepunti0 : = -1.2160143310832E+16
v=v_elettrone : = 10042595.196092
x0= : -5.4140572005197E-13
y0= : -1.8735807115693E-12
*****
i=60996
k(60996)=0.99962948887387
kQ(60996)=0.99925911502623
r1= : 1.9521531600162E-12
rpunto1 : = 8160099.0954666
rduepunti0 : = -4.9071062659496E+25
fil : = 507.0866095057
fipunto1 : = 2.9867043574995E+18
fi_gradi : = 29053.922572275
t1 : = 1.0812602418487E-14
tpunto1 : = 1.0017188789657
tduepunti0 : = -1.2139610324227E+16
v=v_elettrone : = 10036238.491497
x0= : -5.4101385008831E-13
y0= : -1.8746913912769E-12
```

```
*****
i=60997
k(60997)=0.99963001097832
kQ(60997)=0.99926015884851
r1= : 1.9531101657756E-12
rpunto1: = 8154348.745696
rduepunti0 : = -4.9031495894641E+25
fil : = 507.08695978249
fipunto1 : = 2.9837760080951E+18
fi_gradi : = 29053.942641657
t1 : = 1.0812602535968E-14
tpunto1 : = 1.0017174576503
tduepunti0 : = -1.2119127166668E+16
v=v_elettrone : = 10029888.491701
x0= : -5.4062172711918E-13
y0= : -1.8758011910455E-12
*****
i=60998
k(60998)=0.99963053229435
kQ(60998)=0.99926120109509
r1= : 1.9540664971414E-12
rpunto1: = 8148603.0276512
rduepunti0 : = -4.8992002567757E+25
fil : = 507.08730971584
fipunto1 : = 2.980854023831E+18
fi_gradi : = 29053.962691361
t1 : = 1.0812602653448E-14
tpunto1 : = 1.0017160387313
tduepunti0 : = -1.2098693671244E+16
v=v_elettrone : = 10023545.184426
x0= : -5.4022935169996E-13
y0= : -1.876910111651E-12
*****
i=60999
k(60999)=0.99963105282363
kQ(60999)=0.99926224176928
r1= : 1.955022154657E-12
rpunto1: = 8142861.9327409
rduepunti0 : = -4.8952582495565E+25
fil : = 507.0876593065
fipunto1 : = 2.9779383855405E+18
fi_gradi : = 29053.98272143
t1 : = 1.0812602770928E-14
tpunto1 : = 1.0017146222029
tduepunti0 : = -1.2078309671747E+16
v=v_elettrone : = 10017208.556241
x0= : -5.3983672438446E-13
y0= : -1.8780181538676E-12
*****
i=61000
k(61000)=0.99963157256783
kQ(61000)=0.99926328087443
r1= : 1.9559771388644E-12
rpunto1: = 8137125.4523953
rduepunti0 : = -4.8913235495373E+25
fil : = 507.08800855523
fipunto1 : = 2.9750290741322E+18
fi_gradi : = 29054.002731908
t1 : = 1.0812602888407E-14
tpunto1 : = 1.0017132080593
tduepunti0 : = -1.2057975002667E+16
v=v_elettrone : = 10010878.593121
x0= : -5.3944384572507E-13
y0= : -1.8791253184684E-12
```