

Table 6. Coefficients of the 1/D expansion of the energy for the ground state of He:
 comparison of complex*32-results with the results of D. Goodson (*J. Chem. Phys.* 1992, 97, 8481)

(-2.7377691411277241474551687111950896, 0.000E+00)
 -2.7377691411277241474551687112

(-6.0575919483636466673614046377068634, 0.10305448094500865393406928363970539E-69)
 -6.0575919483636466673614046379

(-8.8621837898333193529553145758980146, 0.97199953466222356802998403102270612E-70)
 -8.862183789833319352955314573

(-13.900637281820816613713874918640599, -0.20223499119159268038362724087198915E-68)
 -13.90063728182081661371387491

(-5.4367204328780500129703404877432435, 0.12355222248394222541751833095841597E-67)
 -5.436720432878050012970339

(-82.739467658839734254258688202106933, -0.11030547567517741953107760098484601E-66)
 -82.739467658839734254258770

(131.26989339851711534847354443768709, 0.11234208467176220576620083033456396E-65)
 131.26989339851711534844

(10126.007649236239978650188318419400, -0.10006675440067553947864212974068218E-64)
 10126.007649236239978615

(-433338.86747486724795331668698926838, -0.22866819461933191115249349122377085E-64)
 -433338.86747486724798188

(14214464.264479287420728405180315025, 0.61260992434677309592408203025107725E-62)
 14214464.26447928735436

(-443814218.44324266311046855927775756, -0.30303279121416426071886403300270527E-60)
 -443814218.4432427752512

(13821343998.430961517818004369653750, 0.12447151129191878503605074270767871E-58)
 13821343998.4308002923