

Notes on AFDMC Code

Cody L. Petrie

June 9, 2015

1 Variables

ci $\sqrt{-1}$

cone Complex one, (1,0)

czero Complex zero, (0,0)

detrat Ratio of determinants

npart Particle number, read in from nuclear.dat

1 Subroutines/Function

calfop

calpot

calvop

cordet

g1bval Calculates d1b which is used to update determinants.

g2bval Calculates d2b which is used to update determinants.

g3bval Calculates d3b which is used to update determinants.

getop1

getop2

getoptens

initcormod Allocates everything and does other initialization stuff.

op1val

opmult

opval

setdov3 Sets dov3 to dov3in.

setxspx

v3bval

v6tot