

Generalized Secant Method for Systems of Two Equations in Two  
 Unknowns for fx-50FH II and fx-3650P II (CMPLX Mode) 160 +  
 len(f(x,y)) + len(g(x,y)) bytes

ClrMemory:

Lbl 0:

?->X:

.5i(Conjg(X)-X->Y:

X-Yi->X:

MM-:

(Insert f(x,y) here):

AnsM+:

(Insert g(x,y) here):

iAnsM+:

X+Yi->X:

M->Y:

MM-:

(X=A)+(A=B=>Goto 1:

X(CConjg(D)-DConjg(CM+:

B(CConjg(Y)-YConjg(CM-:

A(DConjg(Y)-YConjg(DM+:

M÷(Conjg(C)(Y-D)+Conjg(D)(C-Y)+Conjg(Y)(D-C->M:

Lbl 1:

B->A:

X->B:

M->X:

D->C:

Y->D:

Goto 0