Generalized Secant Method for Systems of Two Equations in Two Unknowns for fx-50FH II and fx-3650P II (CMPLX Mode) 157 + 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-:
If (X≠A)(A≠B:
Then 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:
IfEnd:

B->A:
X->B:
M->X:
D->C:
Y->D:
Goto 0