

Polynomial Expansion for fx-50FH II and fx-3650P II (CMPLX Mode)

$70 + \text{len}(f(x))$  bytes

ClrMemory:

?->A:

$A \Rightarrow 1 \angle 2\pi^r \downarrow A \rightarrow C:$

1->B:

Lbl 1:

BC->B:

MM-:

1->X:

Lbl 2:

(Insert function in terms of X):

$A^{-1} \text{AnsM}+:$

XC->X:

AConjg(B->A:

arg(X=>Goto 2:

M▲

arg(B=>Goto 1

$65 + \text{len}(f(x))$  bytes

?->Y:

Y-1:

?->A:

MM-:

$Y \Rightarrow 2\pi^r \rightarrow B:$

Lbl 1:

$Y \Rightarrow B - 2\pi^r \downarrow Y \rightarrow B:$

$1 \angle B \rightarrow X:$

(Insert function in terms of X):

$\text{Ans} \div Y \angle \text{ABM}+:$

B=>Goto 1:

A-1->A:

M