Complex Number Raised to a Complex Power for fx-50FH II and fx-3650P II (CMPLX Mode) 58 bytes

?->A:

?->B:

.5(B+Conjg(B->C:

**i**(C-B->D:

Rad:

Carg(A) +Dln(Abs(A:

cos(Ans) +isin(Ans:

AnsAbs(A) $^(C)e^(-Darg(A$