Complex Number Raised to a Complex Power for fx-50FH II and fx-3650P II (CMPLX Mode) 53 bytes

?->A:
?->B:
.5(B+Conjg(B->C:
i(C-B->D:
Carg(A)+Dln(Abs(A:
1∠Ansr:
AnsAbs(A)^(C)e^(-Darg(A)