

Load T, N

Initiate $n=0$

$E = FFT(A)$
($\angle A$ is random for $n=0$)

$E = Te^{j\angle E}$

if $n < N$

Output
 $\angle A$ and $|E|$

$A = e^{j\angle A}$
 $n = n + 1$

$A = IFFT(E)$