

$T_{\max}=5$, $dT=0.0001$, $\sigma_0=0.01$, $x_{\text{mean}0}=0.0$, $C=0.5$, $b_r=1$, $d_r=1$,
 $d_e=2$, $\beta=0$, $\mu=1$, $\sigma=1$, $\tau=40$, $X_{\min}=-0.2$,
 $X_{\max}=2$, $dX=0.01$, $\epsilon=0.01$, $\rho_0=0.004$

