$T_{max}=50$, dT=0.001, sigma0=1, $x_{mean}0=0.0$, C=0.5, $b_{r}=1$, $d_{r}=1$, $d_{e}=2$, sigma=0.01, tau=0.05, $X_{min}=-4$, $X_{max}=4$, dX=0.01, dX

