$T_{max}=300$, dT=0.01, sigma0=0.01, $x_{mean}0=0.0$, C=0.5, $b_{r}=1$, d r=1. d e=2. beta=0. mu=1. sigma=0.01, tau=2, $x_{min}=0.5$, $x_{max}=1.5$, dx=0.1, eps=1,

