$T_{max}=5$, dT=0.001, sigma0=1, $x_{mean}0=0.0$, rho0=2.0, C=0.5, $b_{r}=1$, $d_{r}=1$, $d_{e}=2$, sigma=0.01, tau=2, tau=2, tau=2, tau=2, tau=2, tau=3, tau=4, tau=4

