$T_{max}=5$ , 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=2, tau=3, tau=4, tau=4

