

$T_{\max}=1000$ ,  $dT=0.01$ ,  $K=1000$ ,  $N_0=1000$ ,  
 $\sigma_0=0.1$ ,  $x_{\text{mean}0}=0.0$ ,  $C=0.5$ ,  $b_r=1$ ,  $d_r=1$ ,  
 $d_e=2$ ,  $\beta=0$ ,  $\mu=1$ ,  $\sigma=0.1$ ,  $\tau=0.32499999999999996$ ,  $X_{\min}=-1$ ,  
 $X_{\max}=2.5$ ,  $dX=0.01$ ,  $\epsilon=1$ ,  $\rho_0=0.004$

