

$T_{\text{max}}=1000$, $dT=0.1$, $K=1000$, $N_0=1000$,
 $\sigma_0=0.1$, $\beta=0$, $d_e=2$, $\mu=1$, $b_r=1$,
 $d_r=1$, $C=0.4$, $\sigma_a=0.01$, $\tau=0.1$,

