

$T_{\text{max}}=500$ ,  $dT=0.1$ ,  $C=0.5$ ,  $\rho_0=1000$ ,  $\sigma_0=1$ ,  $x_0=0.0$ ,  $d_r=1$ ,  
 $=2$ ,  $\beta=0$ ,  $\mu=1$ ,  $\sigma=0.01$ ,  $\tau=1$ ,  $X_{\text{min}}=-2$ ,  $X_{\text{max}}=5$ ,  $dX=0.01$ ,  $u_{\text{in}}$

