

HW12: Chapter 12 - PDE

Time = 0.010

$x = 0.00, u = 0.000000$

$x = 0.10, u = 0.280134$

$x = 0.20, u = 0.532847$

$x = 0.30, u = 0.733401$

$x = 0.40, u = 0.862165$

$x = 0.50, u = 0.906533$

$x = 0.60, u = 0.862165$

$x = 0.70, u = 0.733401$

$x = 0.80, u = 0.532847$

$x = 0.90, u = 0.280134$

$x = 1.00, u = 0.000000$

Time = 0.050

$x = 0.00, u = 0.000000$

$x = 0.10, u = 0.189192$

$x = 0.20, u = 0.359864$

$x = 0.30, u = 0.495310$

$x = 0.40, u = 0.582272$

$x = 0.50, u = 0.612237$

$x = 0.60, u = 0.582272$

$x = 0.70, u = 0.495310$

$x = 0.80, u = 0.359864$

$x = 0.90, u = 0.189192$

$x = 1.00, u = 0.000000$

Time = 0.100

$x = 0.00, u = 0.000000$

$x = 0.10, u = 0.115830$

$x = 0.20, u = 0.220322$

$x = 0.30, u = 0.303247$

$x = 0.40, u = 0.356488$

$x = 0.50, u = 0.374834$

$x = 0.60, u = 0.356488$

$x = 0.70, u = 0.303247$

$x = 0.80, u = 0.220322$

$x = 0.90, u = 0.115830$

$x = 1.00, u = 0.000000$