Simple Upwind Method t = 0.001.0 -8.0 0.6 0.4 0.2 0.0 25 50 75 100 125 150 175 0 200 t=90.00 1.0 8.0 0.6 0.4 0.2 0.0 25 50 150 . 75 100 125 175 200 0 t=179.00 1.0 Finite difference **Exact solution** 8.0 0.6 7 0.4 0.2 0.0

100

Χ

75

25

0

50

125

150

175

200