$c_{\Psi} = 0.0$; $\Delta x = 100.0$ [m]; $\Psi = c_{\Psi} \Delta x^2 = 0.0$ Given function u(x)1.0 Piecewise lin. $\overline{u}(x)$ 0.9 -Grid points 0.8 0.7 -Amplitude [m] - 0.0 - 0.3 - 0.3 - 0.3 0.2 -0.1 -0.0 -0 0 0 0 700 800 1200 1300 500 600 900 1000 1100 1400 1500

 $x [m] \rightarrow$