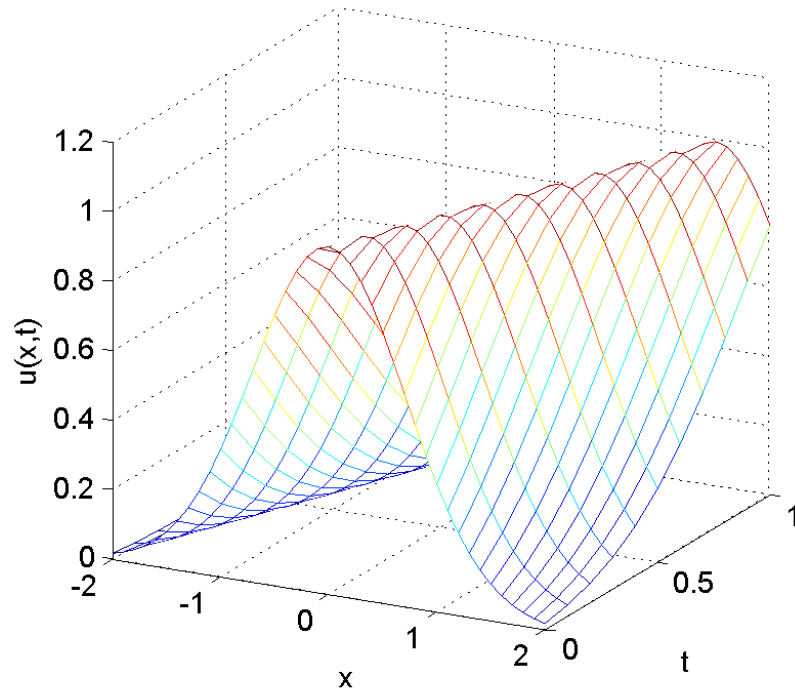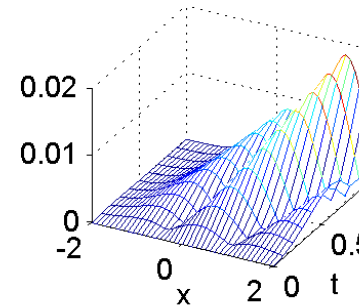# Beispiel 3.24: Fehler von Differenzenverfahren (V)
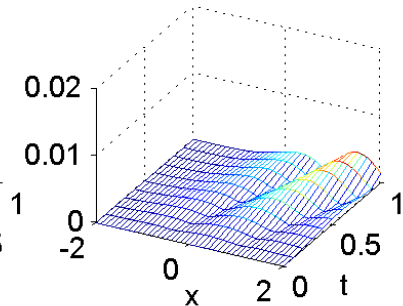

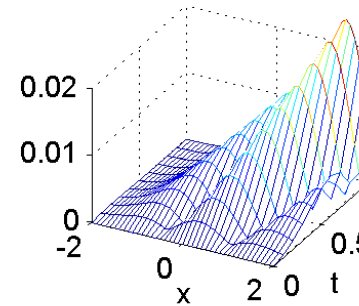$u_t + 1.5\,u_x = 0, \quad u(x,0) = \exp(-x^2) \quad$ (Upwind)

$h = 1/50,\ \tau = 1/200$

$h = 1/100,\ \tau = 1/200$

$h = 1/50,\ \tau = 1/400$

$h = 1/100,\ \tau = 1/400$