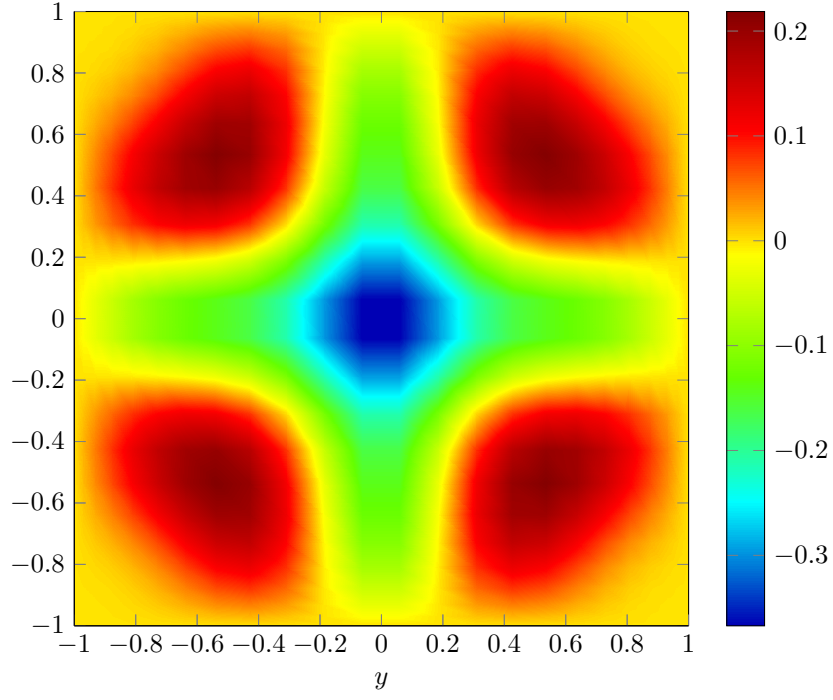


Figure 1: Wave equation 2D with Chebyshev interpolation, $N_x = 25, N_y = 25$. Time integration Euler with $N_t = 120000$ (a) $t = 0$. (b) $t = 0.5$. (c) $t = 1$. (d) $t = 1.5$.



(e)

Figure 2: Wave equation 2D with Chebyshev interpolation, $N_x = 25, N_y = 25$. Time integration Euler with $N_t = 120000$ (e) $t = 2$.