ForwardEuler, $N_x = 10$, $\Delta t = 6.0 \cdot 10^{-3}$
200 Fourier addends
MAPE: 356.3838% ($t = 0.084$)
MAPE: 103928004797.4310% ($t = 0.498$)

$u_t - u_c$

x

$t = 0.084$
$t = 0.498$