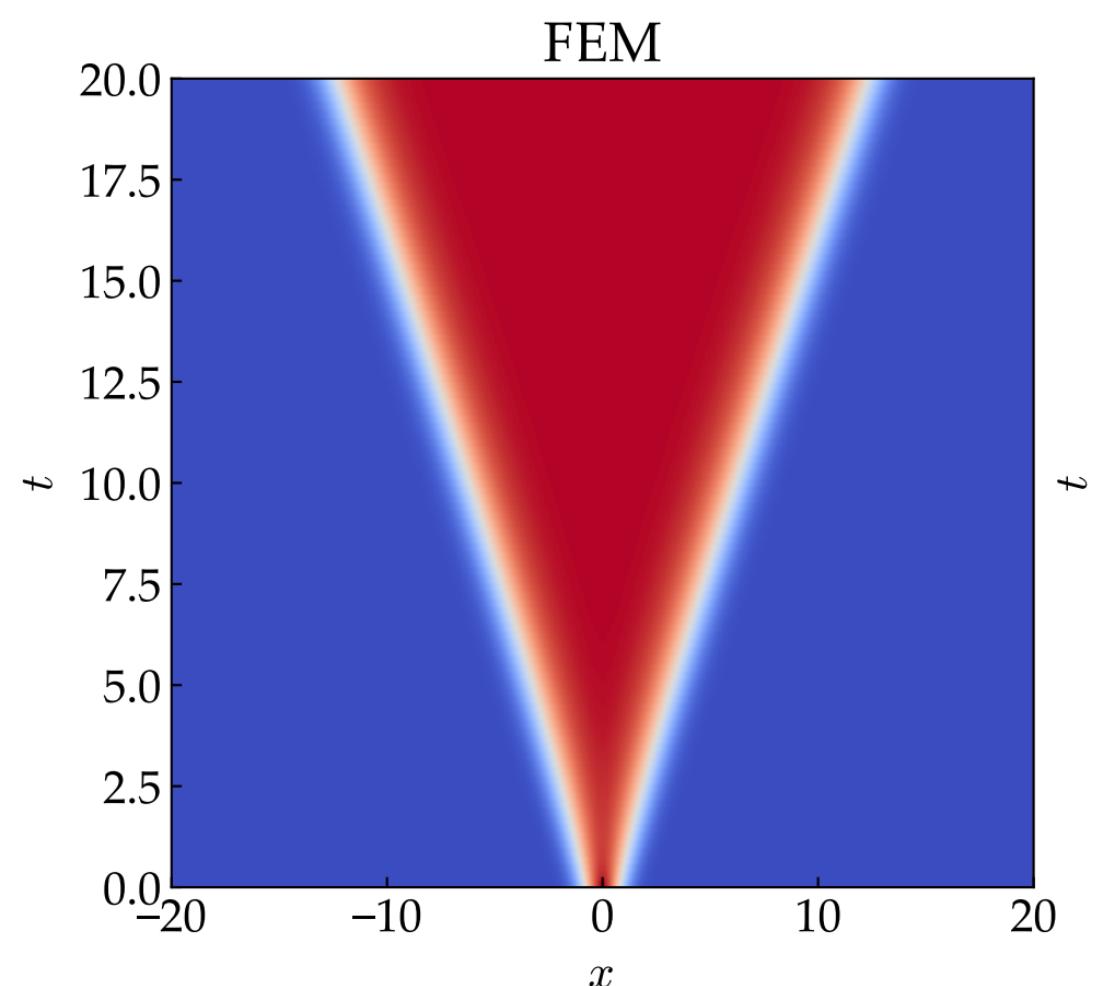
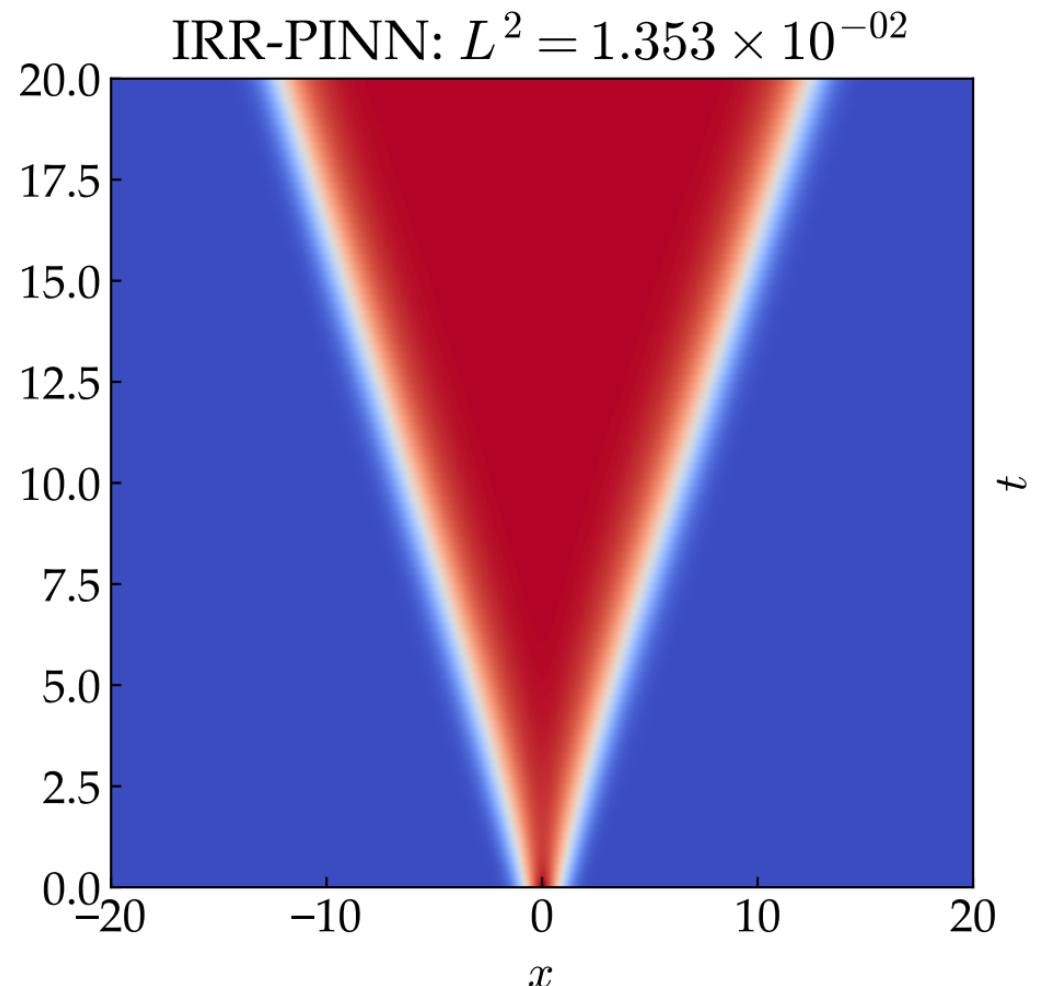


FEM

IRR-PINN:  $L^2 = 1.353 \times 10^{-02}$ PINN:  $L^2 = 1.000 \times 10^{+00}$ 