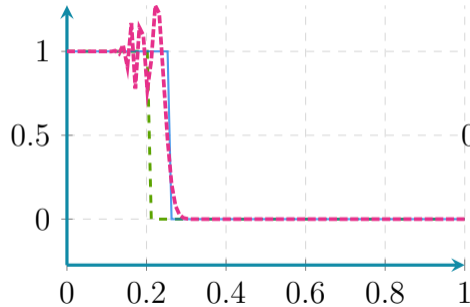
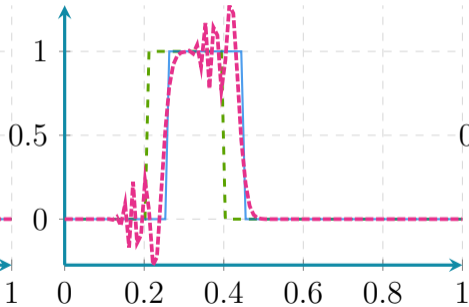
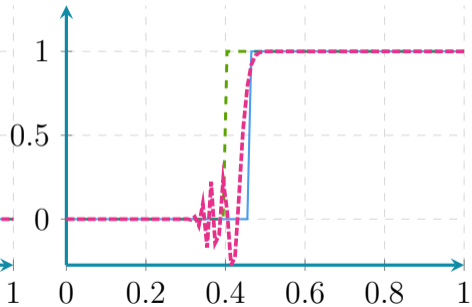


Class 1 - $P(X = 1)$ Class 2 - $P(X = 2)$ Class 3 - $P(X = 3)$ 

-- Initial condition — Exact solution at $t=10$ - - - Central finite difference at $t=10$