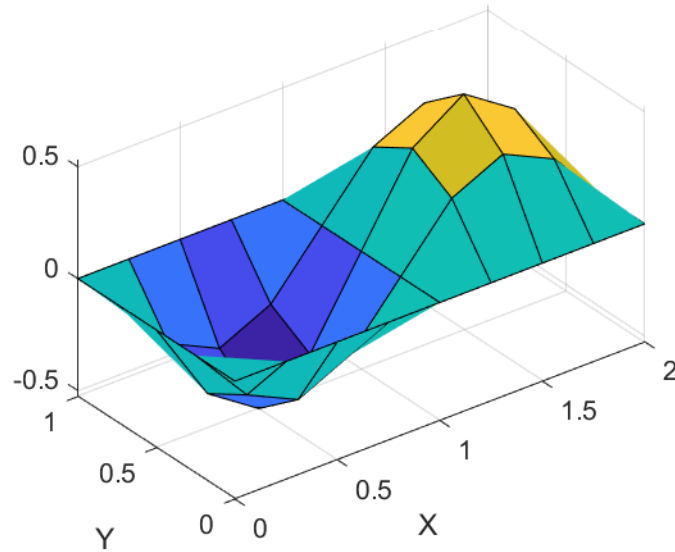
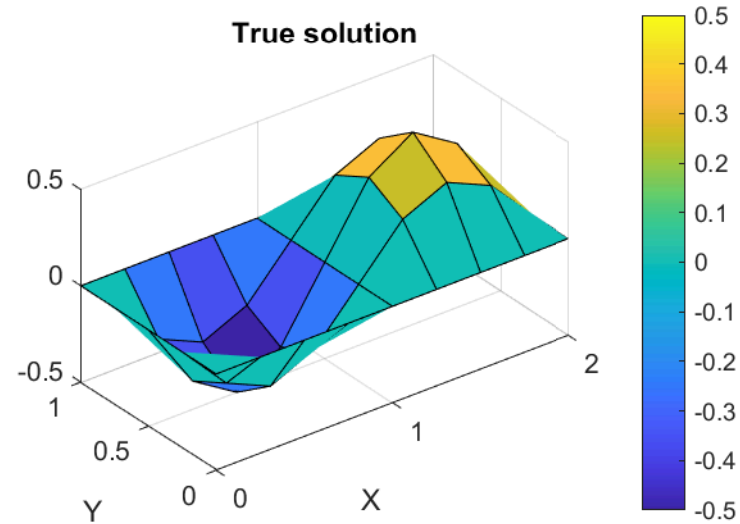


Numerical solution:  $h = 0.250$  (32 elements),  $dt = 0.100$



True solution



# V-cycles (1 cycle has 3 GS iterations):  $h = 0.250$  (32 elements),  $dt = 0.100$

FEM scheme  $\theta=0.5$  ( $\theta=0$ : Implicit  $\theta=1$ : Explicit): Comparison with true solution

