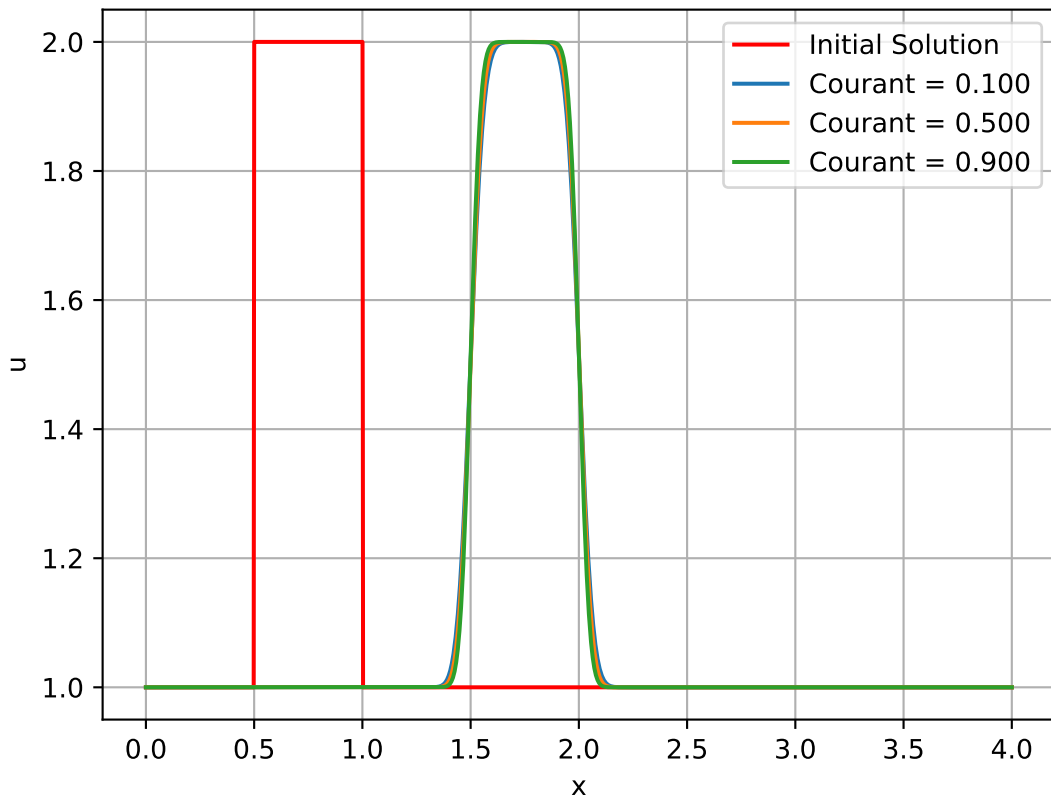


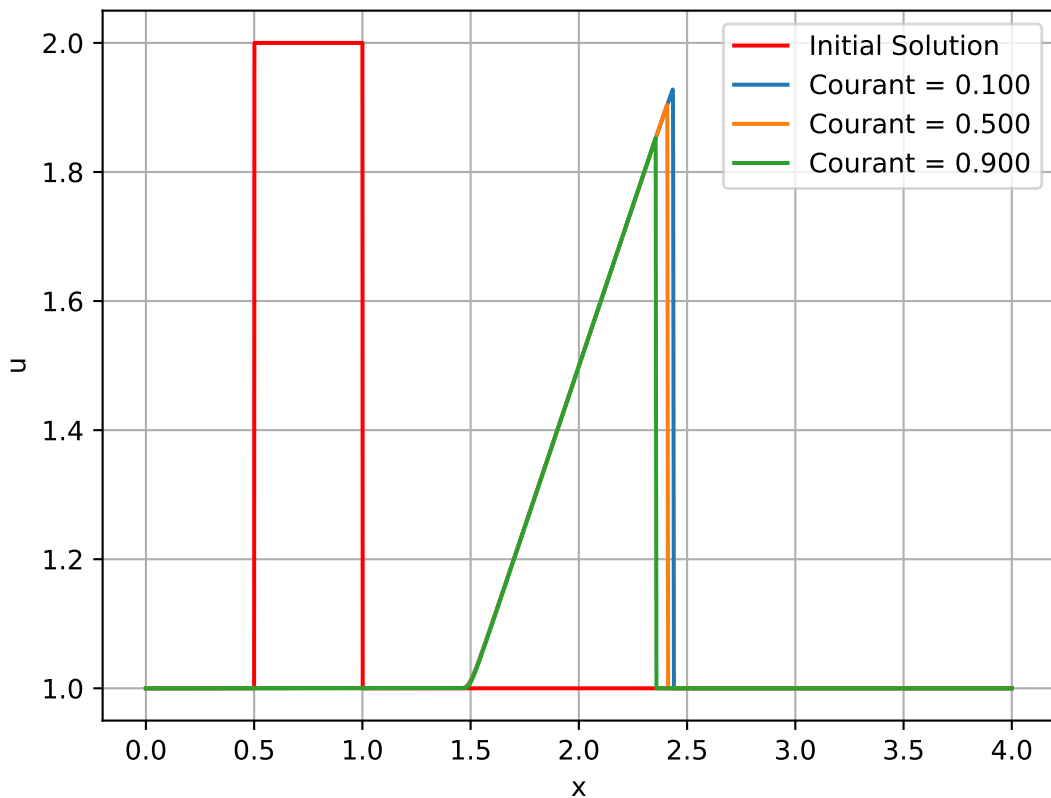
Linear Convection (1D)

Time = 0.99900



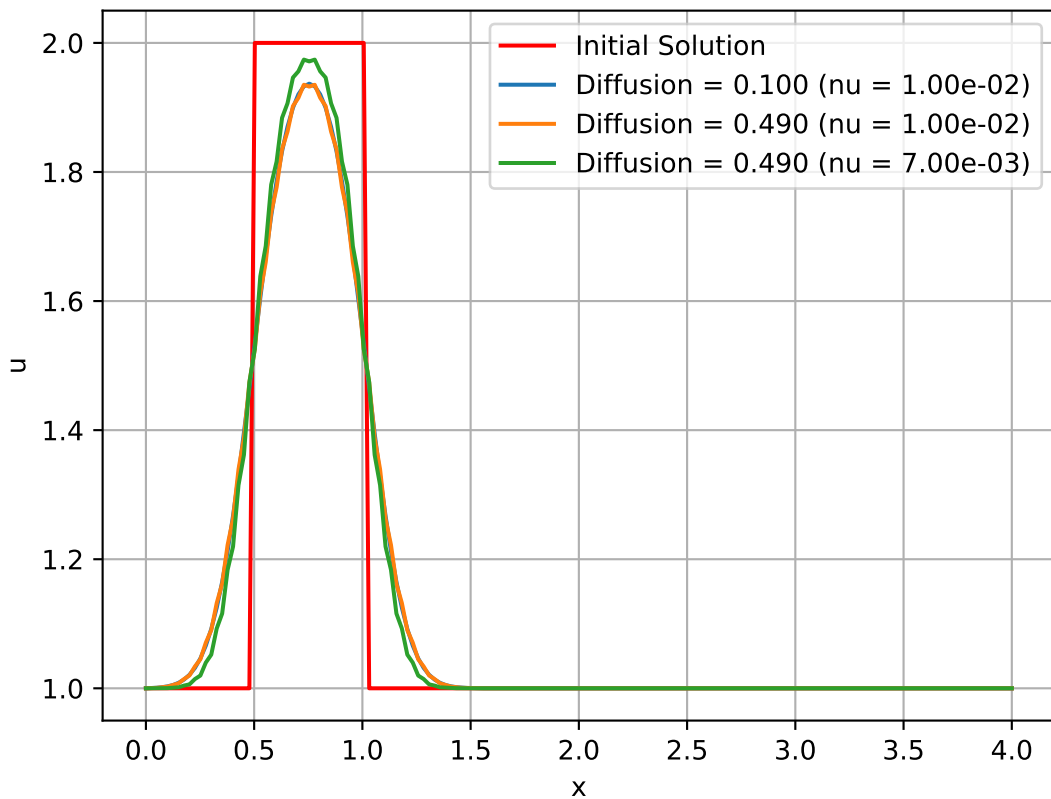
Nonlinear Convection (1D)

Time = 0.99990



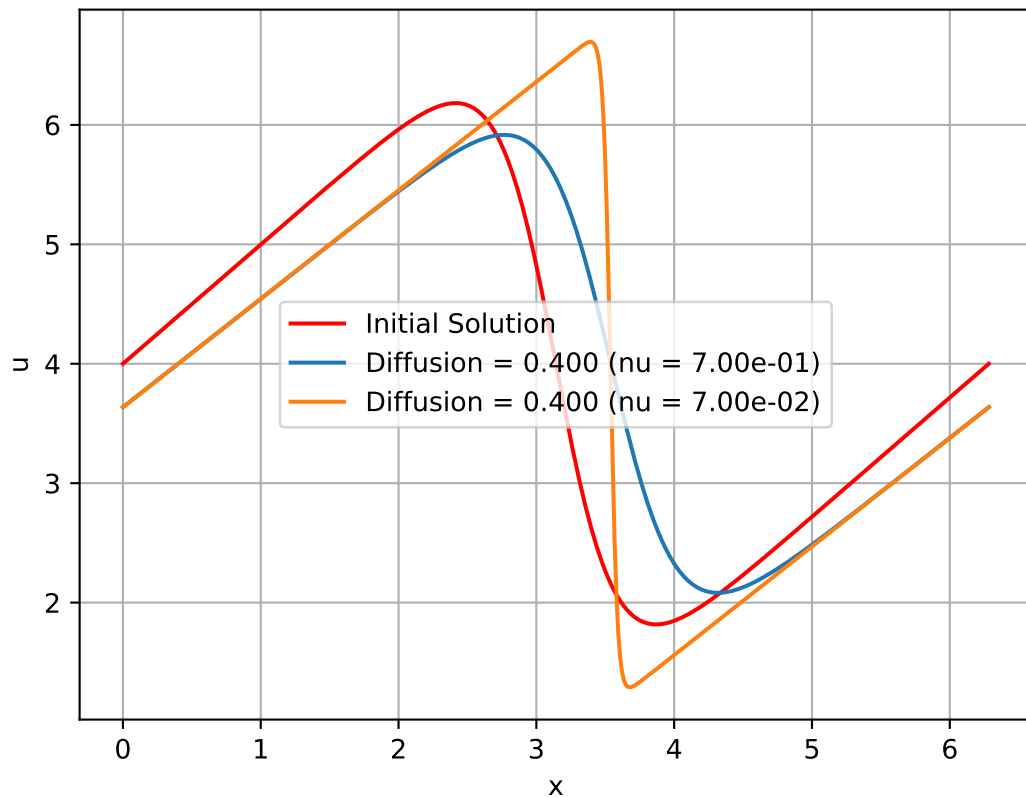
Diffusion (1D)

Time = 1.00625



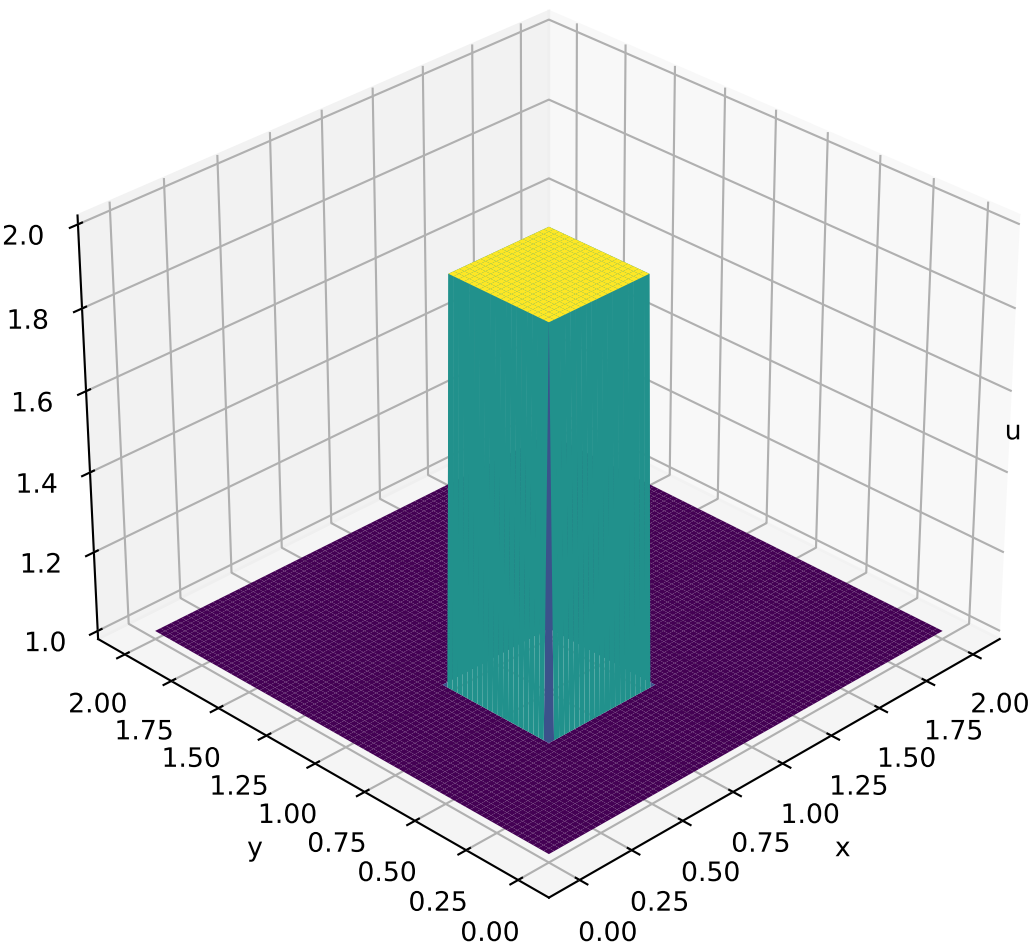
Nonlinear Convection & Diffusion (1D)

Time = 0.10004

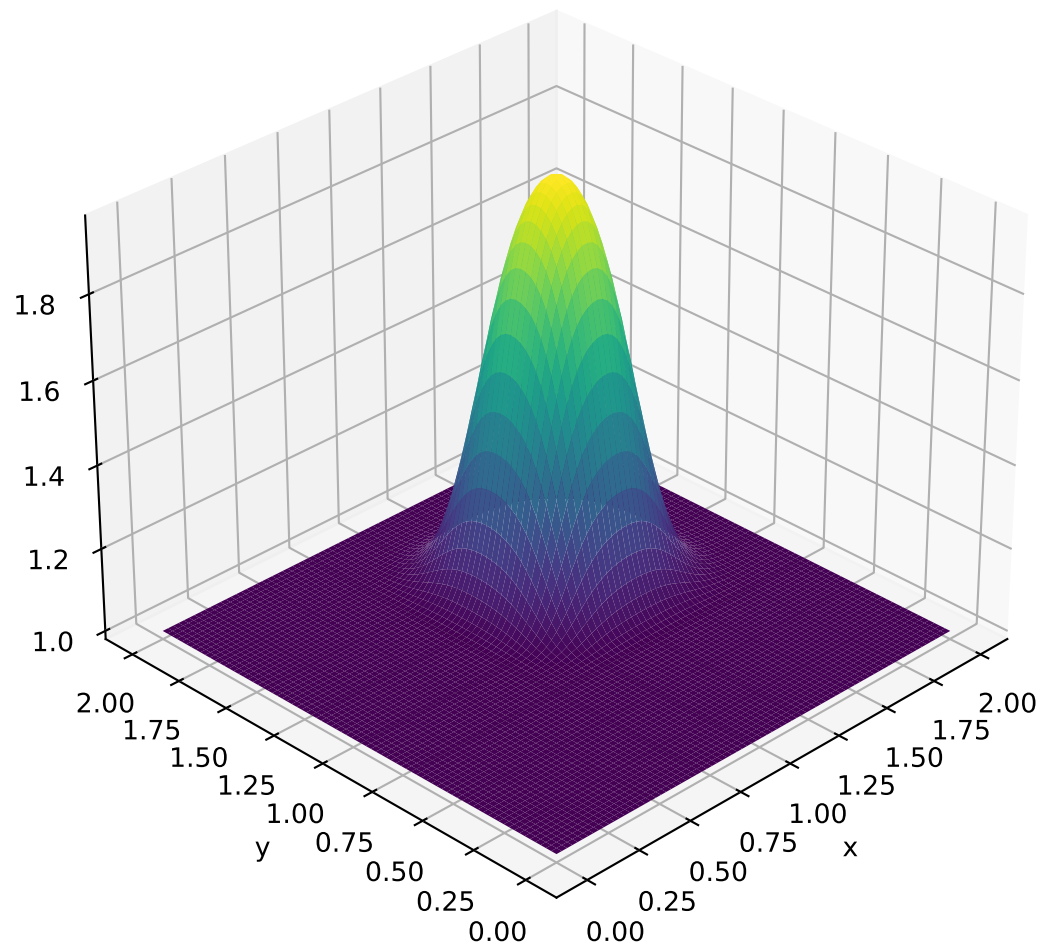


Linear Convection (2D)

Initial Solution

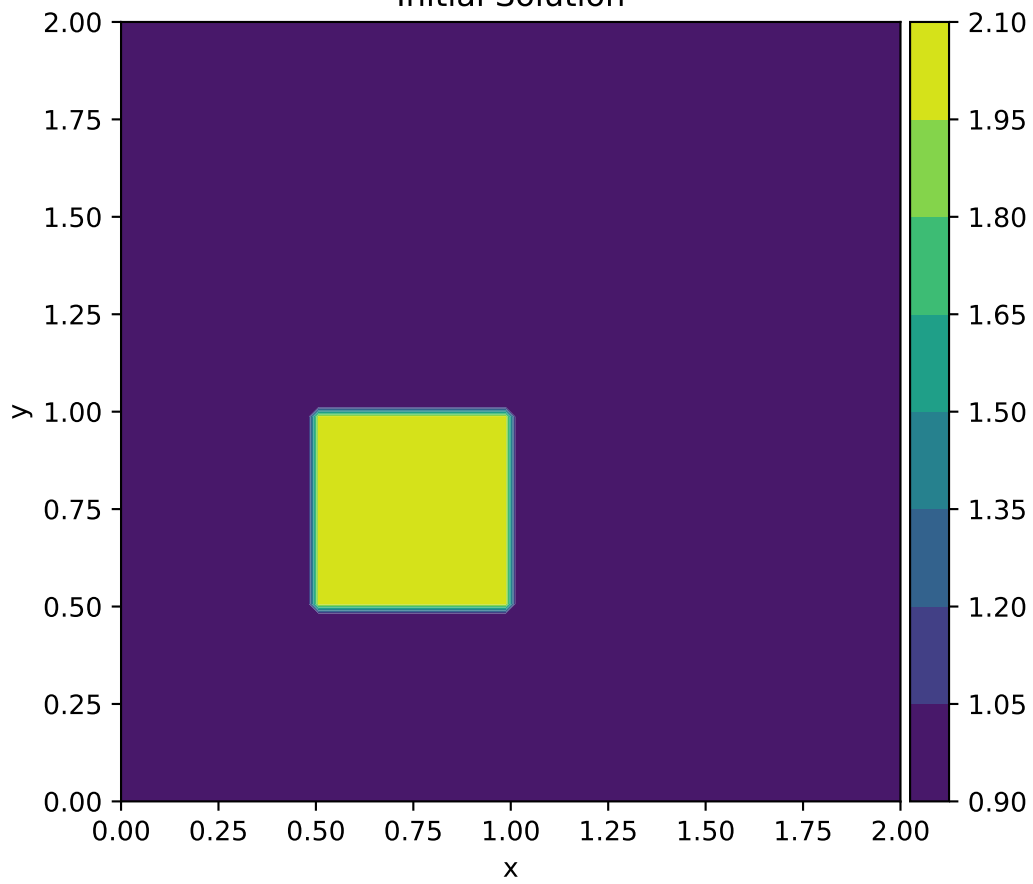


Final Solution

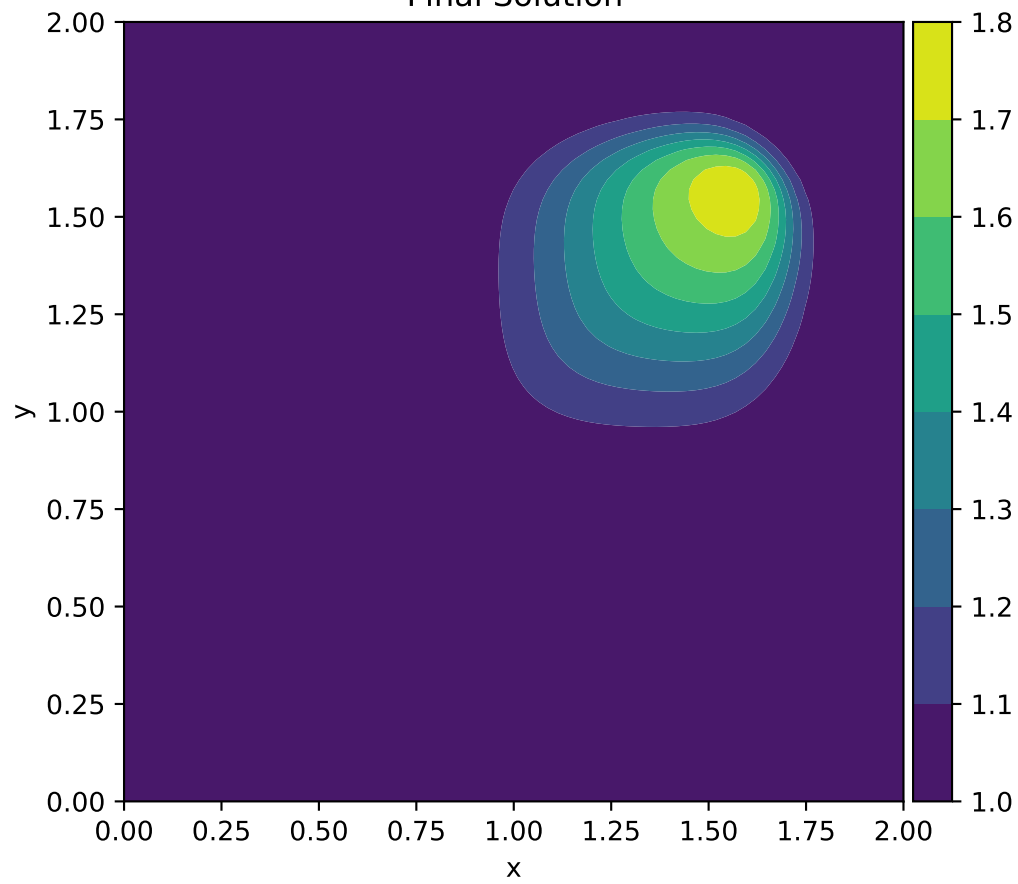


Nonlinear Convection (2D)

Initial Solution

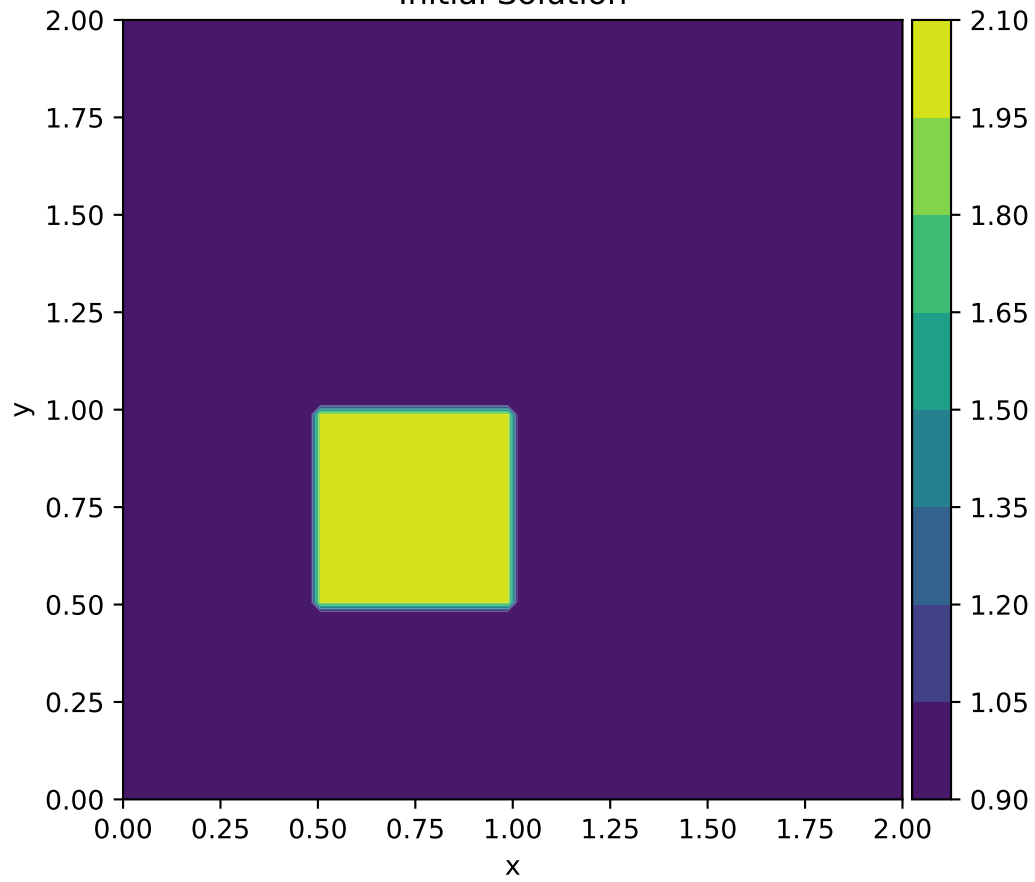


Final Solution

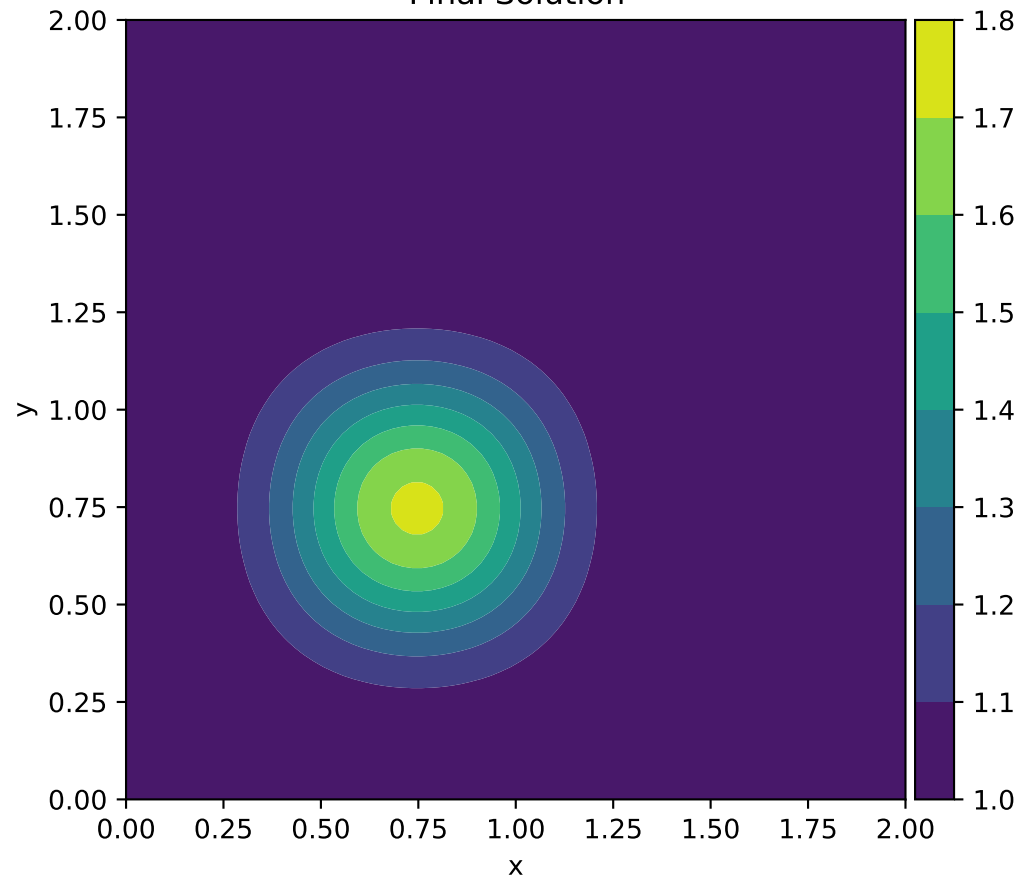


Diffusion (2D)

Initial Solution

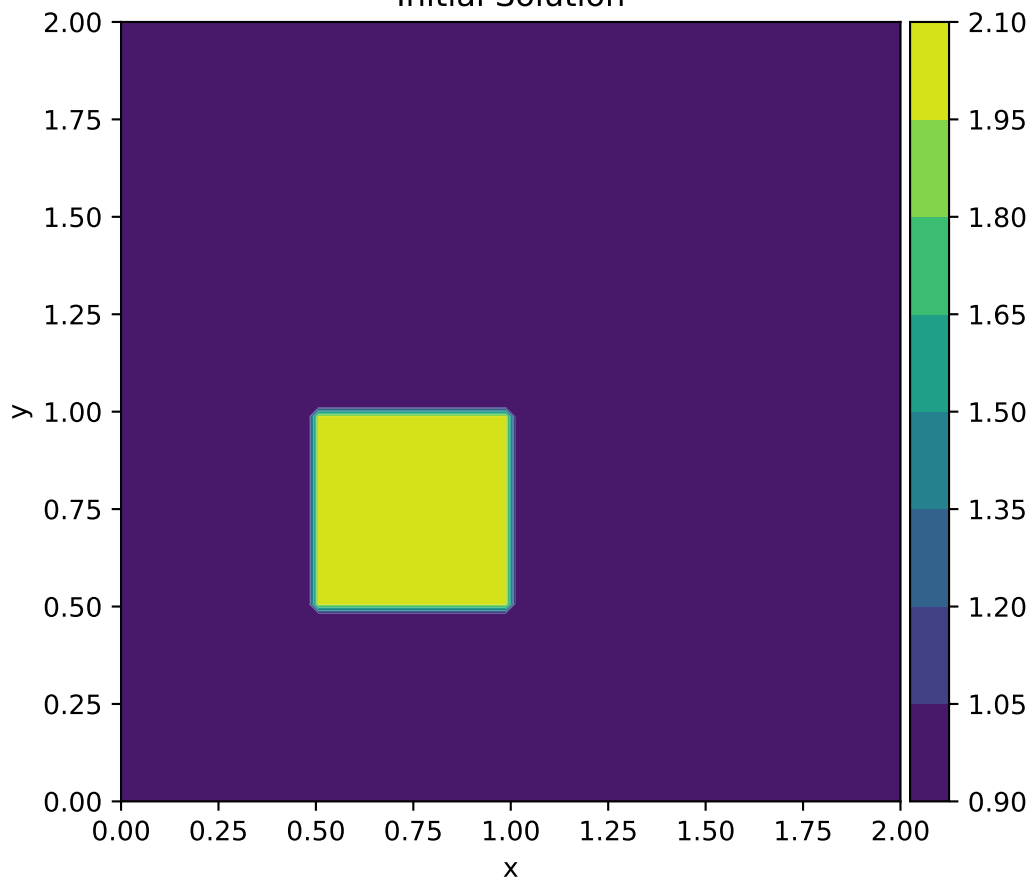


Final Solution

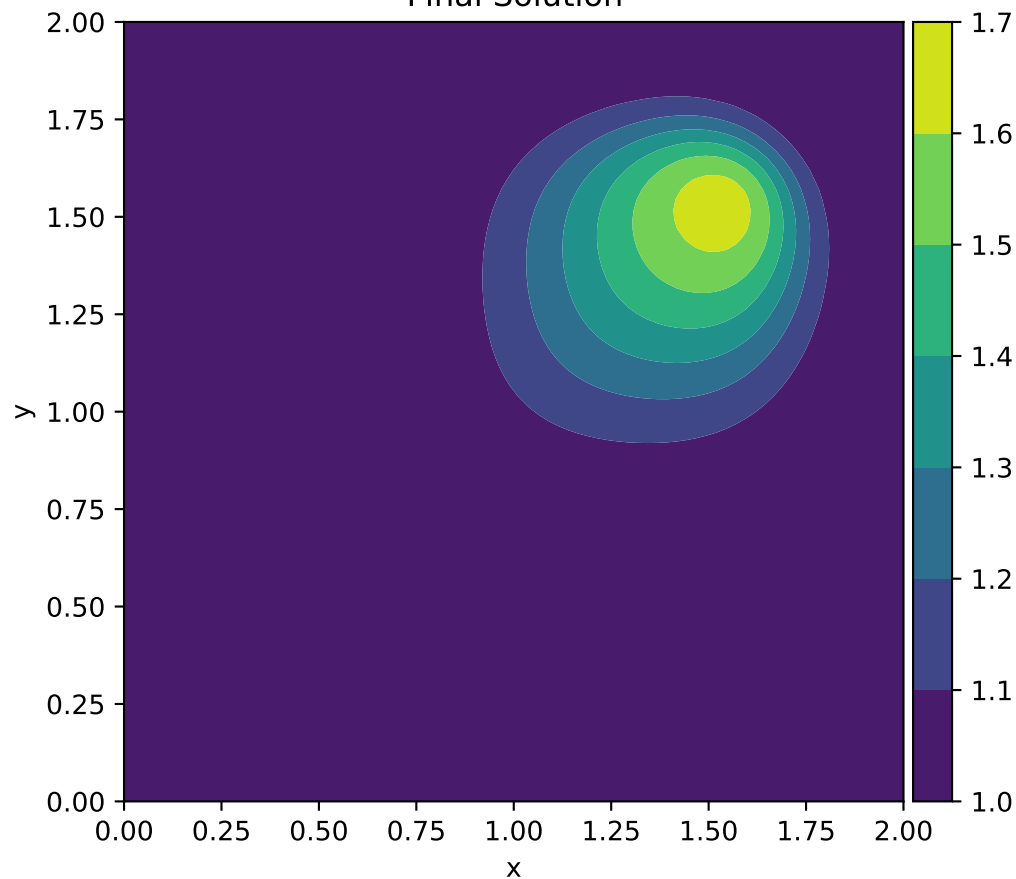


Nonlinear Convection & Diffusion (2D)

Initial Solution

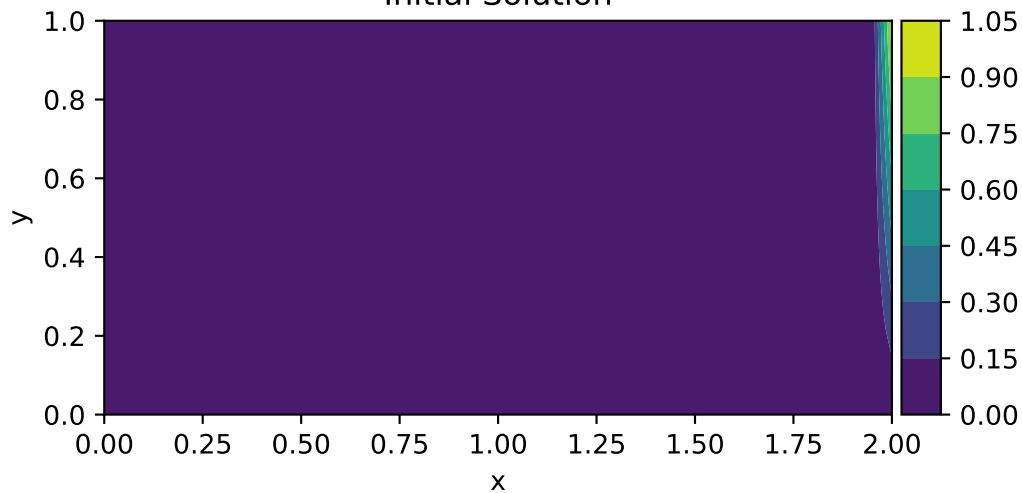


Final Solution

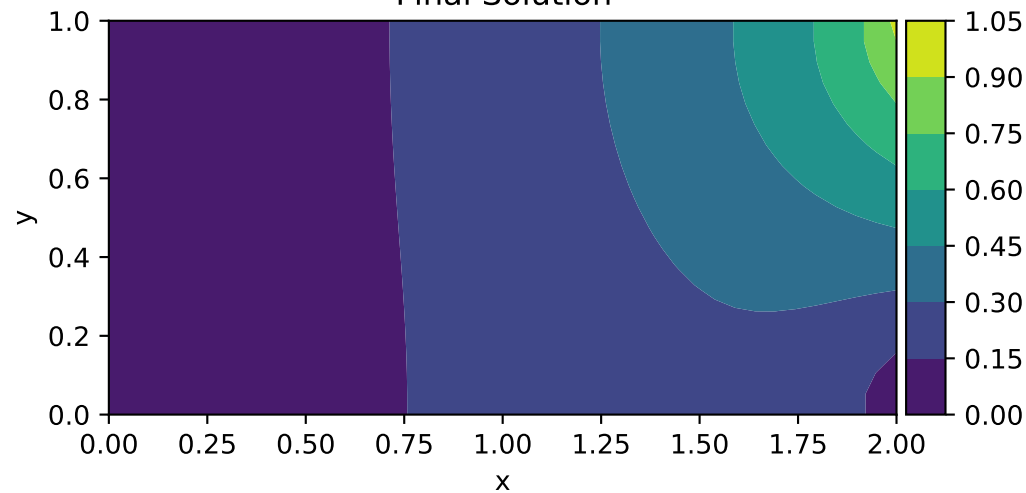


Laplace Equation (2D)

Initial Solution

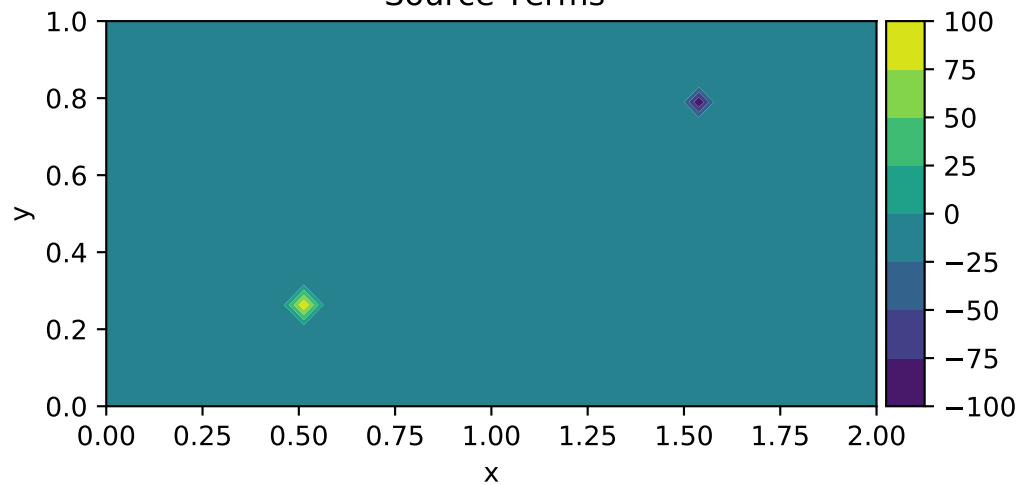


Final Solution

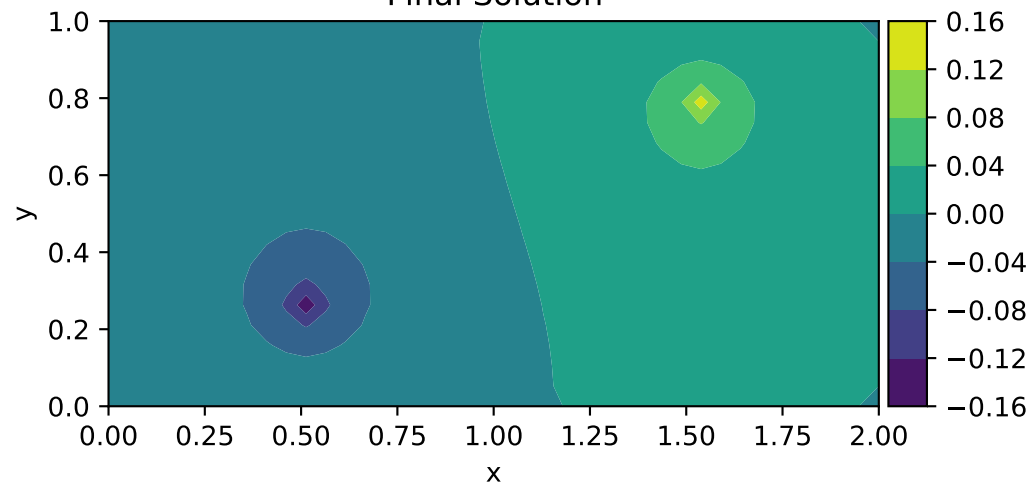


Poisson Equation (2D)

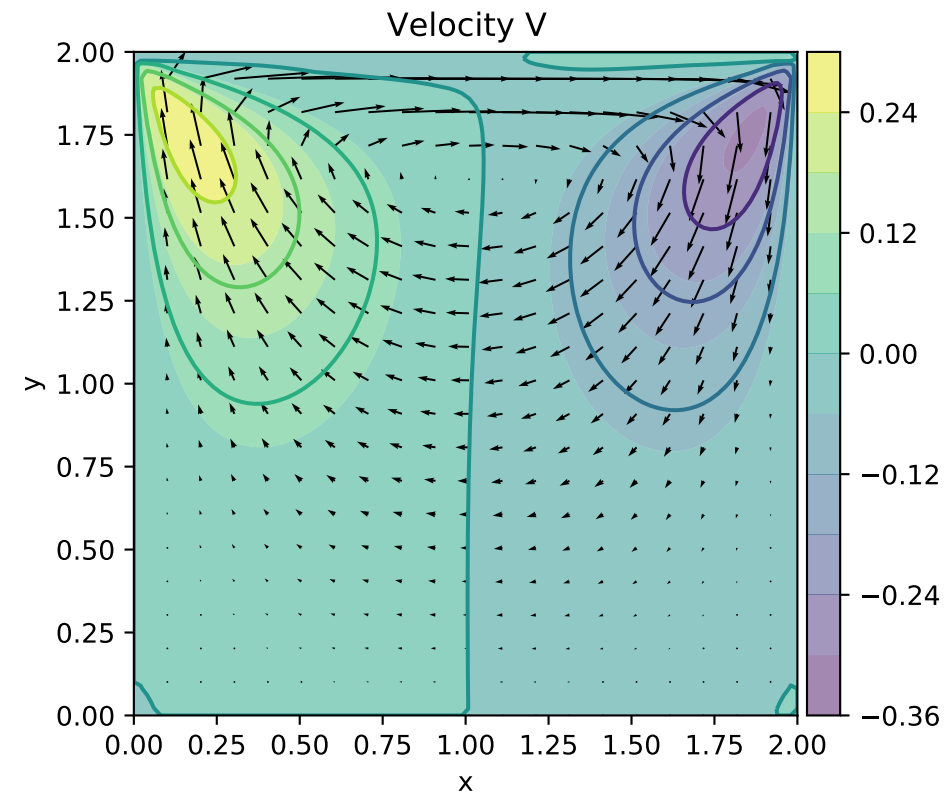
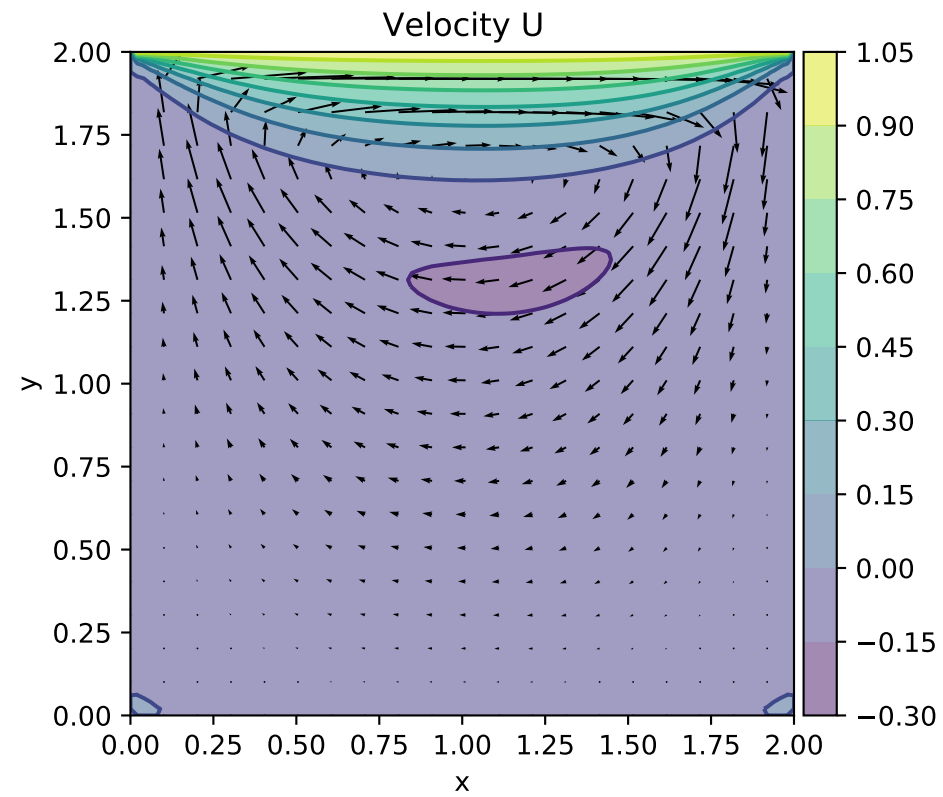
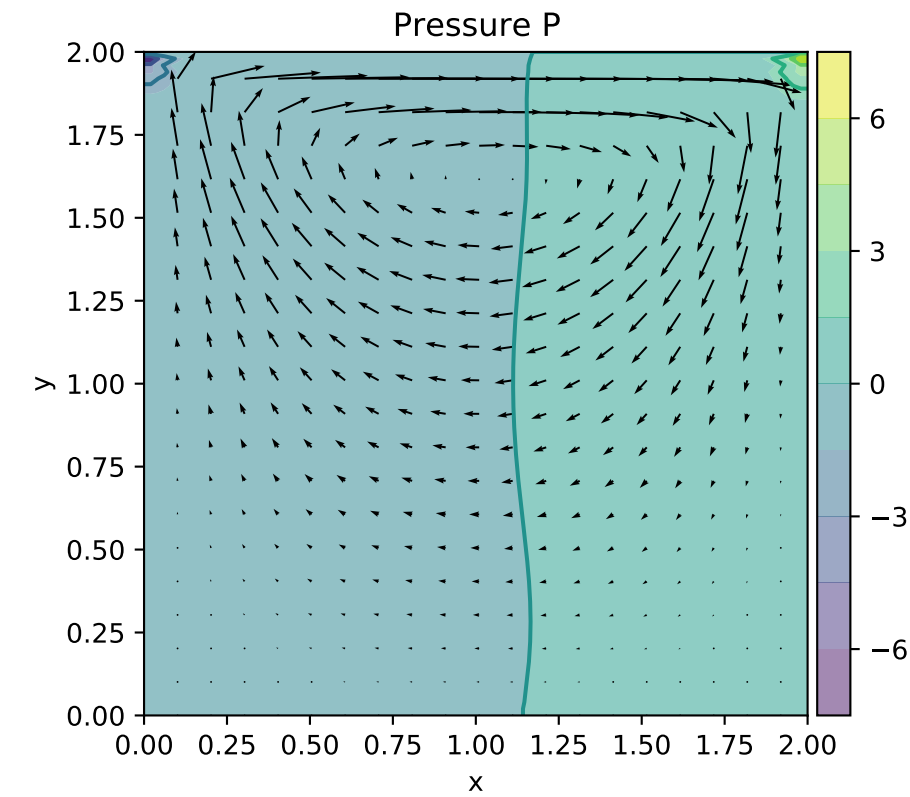
Source Terms



Final Solution



Navier-Stokes Cavity Flow (2D)



Navier-Stokes Channel Flow (2D)

Velocity U

