Validation Cases July 23, 2018

1 Direct Solver

1.1 Steady States

1.1.1 Uniform Viscosity

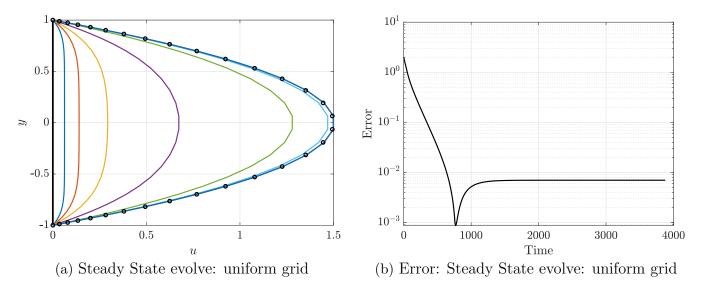
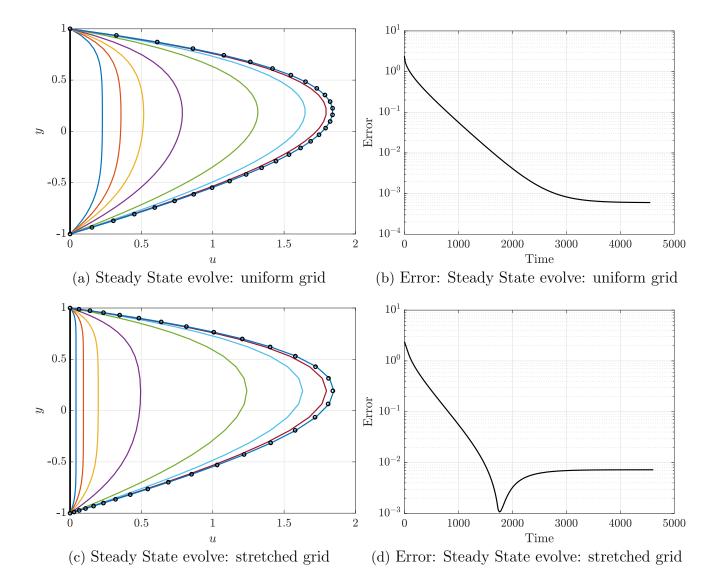


Figure 1: Simulations for uniform viscosity.

1.1.2 Stratified Viscosity: Model 1



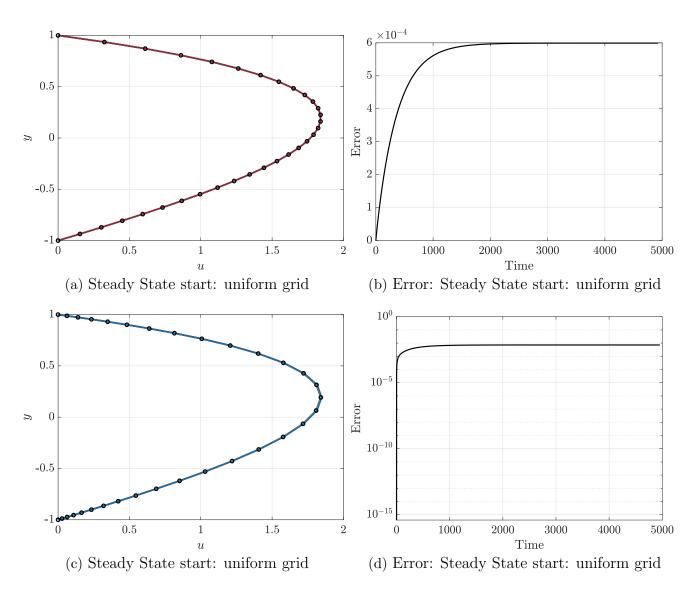


Figure 2: Simulations for viscosity model 1.