

Figure 1. Shock tube problem 1. Numerical solution of the ODEs of the weak asymptotic method. From top left to bottom right: liquid fraction, pressure, liquid velocity, gas velocity.

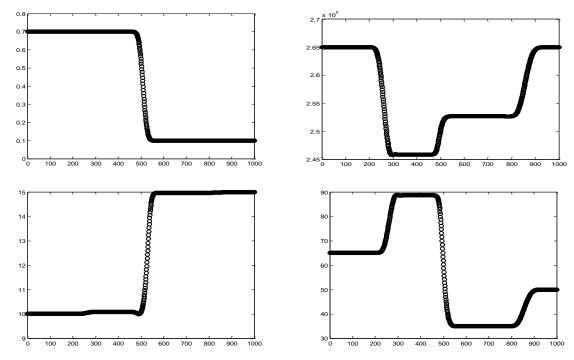


Figure 2. Shock tube problem 2. Numerical solution of the ODEs of the weak asymptotic method. From top left to bottom right: liquid fraction, pressure, liquid velocity, gas velocity.