

1 Riemann Shock Tube Problem

1. $P_R = 100kPa, P_L = 10kPa$
2. $\rho_R = 1.0, \rho_L = 0.125$
3. $u_R = 0.0, u_L = 0.0$
4. CFL = 0.9, based on $|\vec{U}|_{max} + c$
5. $t_{max} = 0.0045$ sec





