



A diagram showing a fluid control volume between two horizontal boundaries. The top and bottom boundaries are solid black lines with a gray hatched pattern above and below them, respectively. A vertical dashed line divides the space into two regions, L and R. In region L, the variables ρ_L , v_L , and p_L are listed vertically. In region R, the variables ρ_R , v_R , and p_R are listed vertically.

$$\rho_L$$
$$v_L$$
$$p_L$$
$$\rho_R$$
$$v_R$$
$$p_R$$