

$$e_{m,1} = \frac{p_1}{\rho} + \alpha_1 \frac{\bar{v}_1^2}{2} + g \cdot z_1$$

$$e_{m,2} = \frac{p_2}{\rho} + \alpha_2 \frac{\bar{v}_2^2}{2} + g \cdot z_2$$

