$$\frac{1}{N_{a}} = \frac{1}{N_{a}} + \frac{1}{N_{b}}$$

$$N_{a} = -\frac{1}{N_{a}} + \frac{1}{N_{b}}$$

$$= -\frac{1}{N_{a}} = \frac{1}{N_{a,3}} - \frac{1}{N_{a}} \left[\frac{P_{a}(\vec{x}_{k+1}) + P_{a}(\vec{x}_{k})}{2} \cdot \theta_{k} \right]$$

$$\frac{1}{N_{a}} = -\frac{1}{N_{a}} = \frac{1}{N_{a,3}} - \frac{1}{N_{a}} \left[\frac{P_{a}(\vec{x}_{k+1}) + P_{a}(\vec{x}_{k})}{2} \cdot \theta_{k} \right]$$

$$\frac{1}{N_{a}} = -\frac{1}{N_{a}} = \frac{1}{N_{a}}$$

$$\frac{1}{N_{a}} = -\frac{1}{N_{a}}$$

$$A_{1} = A_{1} + A_{1} = -\frac{N}{2} \left[\frac{P_{1}(\vec{x}_{k+1}) + P_{1}(\vec{x}_{k})}{2} \Delta y_{1} \right]$$

$$A_{1} = \frac{N}{2} \left[\frac{P_{2}(\vec{x}_{k+1}) + P_{2}(\vec{x}_{k})}{2} \Delta y_{1} \right]$$

$$A_{2} = \frac{N}{2} \left[\frac{P_{2}(\vec{x}_{k+1}) + P_{2}(\vec{x}_{k})}{2} \Delta y_{1} \right]$$

$$C_{\rho} = \frac{P - P_{\infty}}{q_{\infty}}$$

$$= C_{\rho} q_{\infty} + P_{\infty} = P$$