$$\frac{||\mathbf{x}||^{2}}{\sum_{i=0}^{N-1}} \left\{ \begin{array}{c} \frac{\partial \rho(\mathbf{x}_{i}+1)}{\partial \mathbf{x}_{i}} & \frac{\partial \rho(\mathbf{x}_{i}+1)}{\partial \mathbf{x}_{i}} & -\frac{1}{B_{ex}} \left[\mathbf{A}(\mathbf{x}) \frac{\mathbf{R}(\mathbf{x}_{i})}{\mathbf{P}(\mathbf{x}_{i})} \frac{\partial \rho(\mathbf{x}_{i})}{\partial \mathbf{x}_{i}} \right] \mathbf{X}_{i}^{i} + D\mathbf{X}_{i}^{i} / 2} \right\} = 0$$

$$\frac{\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2)}{\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2)} = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{V}_{2}$$

$$\mathbf{R}(\mathbf{x}_{i} + \Delta \mathbf{x}_{i}^{i} / 2) = \mathbf{R}_{i} + \mathbf{R}_$$

$$\frac{\sum_{i=0}^{N-1} \left\{ 8_{i} \frac{\partial \rho_{i}}{\partial t} + \left[T_{i+V_{2}} \left(P_{i} - P_{i+1} \right) + T_{i-V_{2}} \left(P_{i} - P_{i-1} \right) \right] \right\} = 0}{8_{0} \frac{\partial \rho_{i}}{\partial t}} + B_{i} \frac{\partial \rho_{i}}{\partial t} + cos + B_{N-1} \frac{\partial \rho_{i-1}}{\partial t} + \left[T_{V_{2}} \left(P_{0} - P_{-1} \right) + T_{V_{2}} \left(P_{0} - P_{i} \right) \right] \\
+ \left[T_{V_{2}} \left(P_{i} - P_{0} \right) + T_{3/2} \left(P_{i} - P_{2} \right) \right] + cos + \left[T_{0} \frac{3}{2} \left(P_{0-1} - P_{0-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N} \right) = 0 \right] \\
+ \left[T_{V_{2}} \left(P_{i} - P_{0} \right) + T_{3/2} \left(P_{i} - P_{2} \right) \right] + cos + \left[T_{0} \frac{3}{2} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N} \right) = 0 \right] \\
+ \left[T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) + T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) \right] + cos + \left[T_{0} \frac{3}{2} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N} \right) = 0 \right] \\
+ \left[T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) + T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) \right] + cos + \left[T_{0} \frac{3}{2} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N} \right) = 0 \right] \\
+ \left[T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) + T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) \right] + cos + \left[T_{0} \frac{3}{2} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N} \right) = 0 \right] \\
+ \left[T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) + T_{0} \frac{3}{2} \left(P_{0} - P_{0} \right) + T_{0} \frac{3}{2} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_{2}} \left(P_{N-1} - P_{N-2} \right) + T_{N-V_$$