

30 Contesion coords.

$$-\left[\frac{3(\beta n^{x})}{3(\delta n^{x})} + \frac{3(\delta n^{x})}{3(\delta n^{x})} + \frac{3(\delta n^{x})}{3(\delta n^{x})}\right] = \frac{3(\delta \phi)}{3(\delta \phi)} - \frac{2}{2}$$

$$-\nabla\cdot\left(\varrho\vec{u}\right) = \frac{\partial(\rho\phi)}{\partial t} - \tilde{m}$$

$$a = [a_1 \ a_2 \ a_3]$$

$$a \cdot b = a_1b_1 + a_2b_2 + a_3b_3$$

$$P - \begin{bmatrix} p^3 \\ p^5 \end{bmatrix}$$

$$b = \begin{bmatrix} b_1 \\ b_2 \\ b_3 \end{bmatrix}$$

$$\nabla = \begin{bmatrix} b_1 \\ b_2 \\ b_3 \end{bmatrix}$$

$$u = \begin{bmatrix} u_x \\ u_y \\ u_z \end{bmatrix}$$

$$\alpha = \begin{bmatrix} \alpha^{2} \\ \alpha^{3} \end{bmatrix} \qquad \Delta \alpha = \frac{2^{2}}{2^{2}} + \frac{2^{2}}{2^{2}} + \frac{2^{2}}{2^{2}}$$

Formution volume fector

$$B_{\chi} = \frac{\sqrt{2}}{\sqrt{2}}, RC = \frac{\sqrt{2}}{\sqrt{2}}, RC$$

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$$\frac{\partial}{\partial t} \left( \frac{\partial}{\partial \omega} \right) = \frac{\partial}{\partial \omega} \left[ \frac{1}{\partial} \frac{\partial}{\partial p} + B_{\omega} \frac{\partial}{\partial p} \left( \frac{1}{B_{\omega}} \right) \right] \frac{\partial}{\partial t} = \frac{\partial}{B_{\omega}} C_{\tau} \frac{\partial}{\partial t}$$

$$\frac{\partial}{\partial x} \left( \frac{R}{B_{\omega}} \frac{\partial}{\partial x} \right) = \frac{\partial}{B_{\omega}} C_{\tau} \frac{\partial}{\partial t} - \frac{R}{B_{\omega}} C_{\tau} \frac{\partial}{\partial t} - \frac{R}$$