

$$\begin{cases} \frac{\partial \boldsymbol{u}}{\partial t} + \nabla \cdot (\boldsymbol{u} \otimes \boldsymbol{u}) = -\frac{\nabla p}{\rho} + \frac{1}{\rho} \nabla \cdot \boldsymbol{\tau} + \boldsymbol{f} \\ \nabla \cdot \boldsymbol{u} = 0 \end{cases}$$