

Equations in reStructuredText are rendered by placing a valid LaTeX math expression within a `:math:` block. For example, the divergence-free constraint of an incompressible flow can be stated as $\nabla \cdot \mathbf{u} = 0$. We can also display longer equations in their own block using a dedicated *math* block on a new line (similar to how we used a code block) as:

$$\frac{\partial \mathbf{u}}{\partial t} + (\mathbf{u} \cdot \nabla) \mathbf{u} = -\frac{1}{\rho} \nabla p + \nu \nabla^2 \mathbf{u}$$