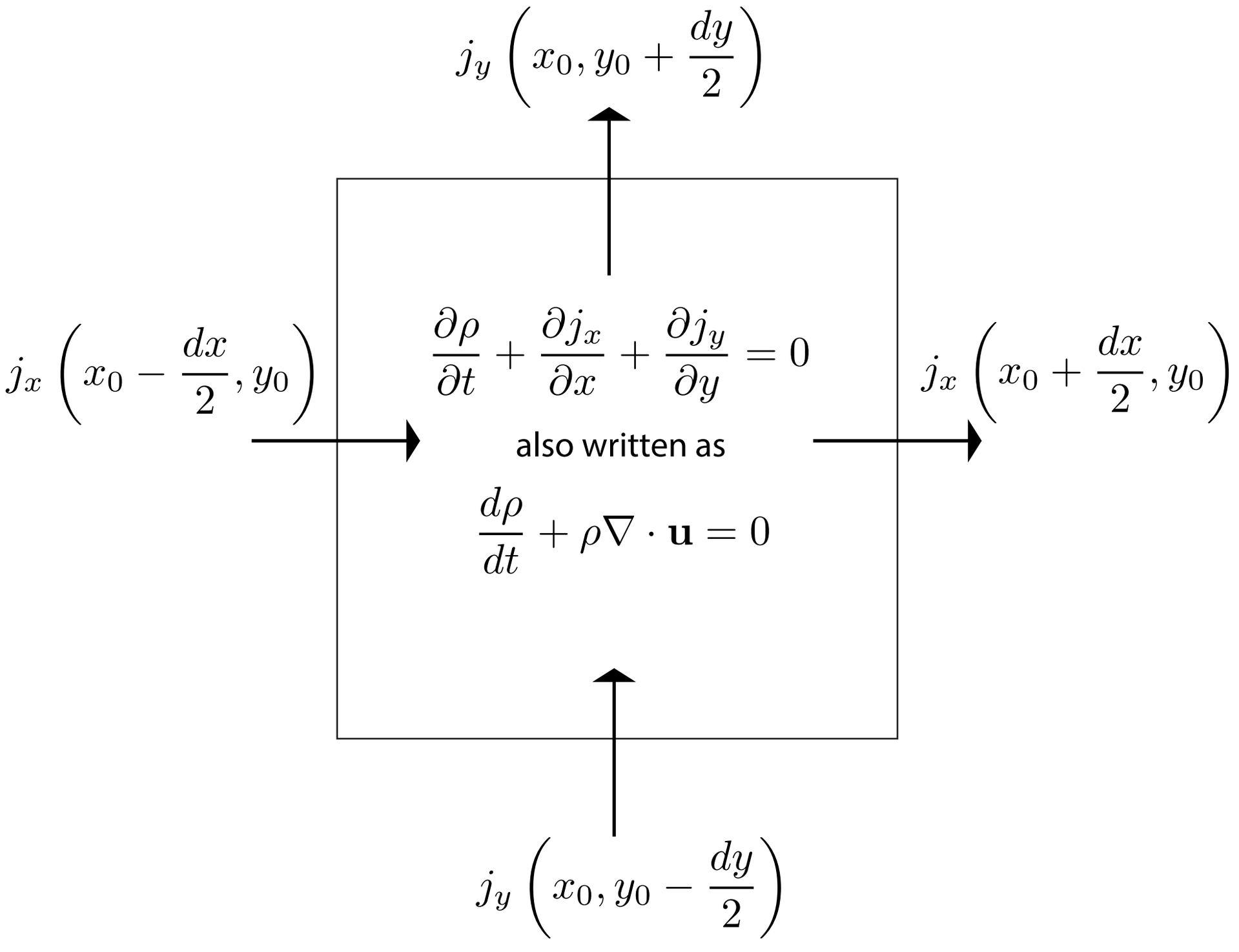
$j_y\left(x_0, y_0 + \frac{dy}{2}\right)$
$j_x\left(x_0 - \frac{dx}{2}, y_0\right)$
$\frac{\partial \rho}{\partial t} + \frac{\partial j_x}{\partial x} + \frac{\partial j_y}{\partial y} = 0$
also written as
$\frac{d\rho}{dt} + \rho \nabla \cdot \mathbf{u} = 0$
$j_x\left(x_0 + \frac{dx}{2}, y_0\right)$
$j_y\left(x_0, y_0 - \frac{dy}{2}\right)$