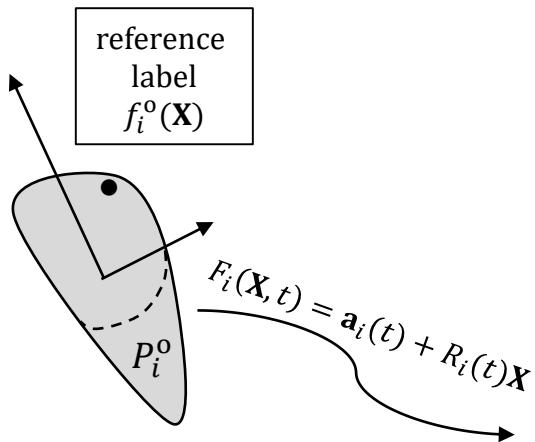


Reference particle



Particle configuration

PDE in $\Omega(t)$

$$-\mu\Delta\mathbf{u} + \nabla p = \mathbf{0}$$
$$\nabla \cdot \mathbf{u} = 0$$
$$-\rho^2\Delta u + \nabla u = 0$$

