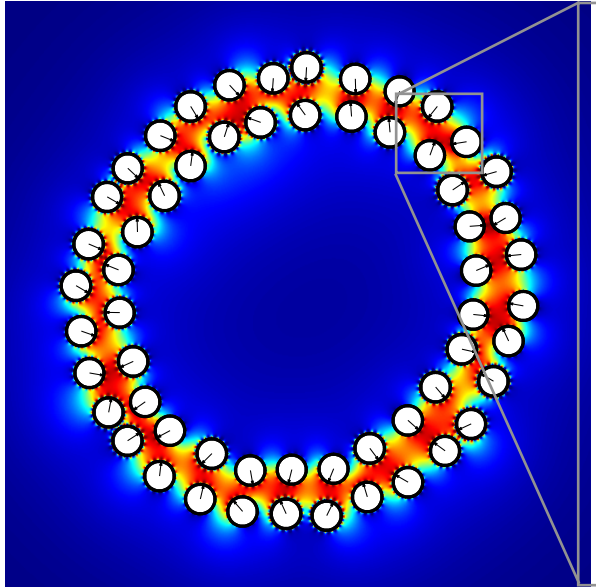

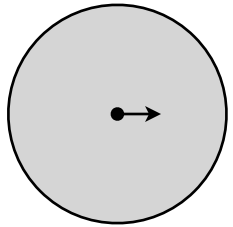

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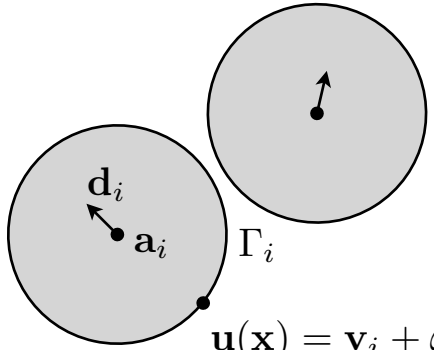

$$\mathbf{u}(\mathbf{x}) = \mathbf{v}_i + \omega_i(\mathbf{x} - \mathbf{a}_i)^\perp$$

$$u(\mathbf{x}) = g_i(\mathbf{x})$$

$$-\mu\Delta\mathbf{u} + \nabla p = \mathbf{0}$$

$$\nabla \cdot \mathbf{u} = 0$$

$$-\rho^2\Delta u + f'(u) = 0$$