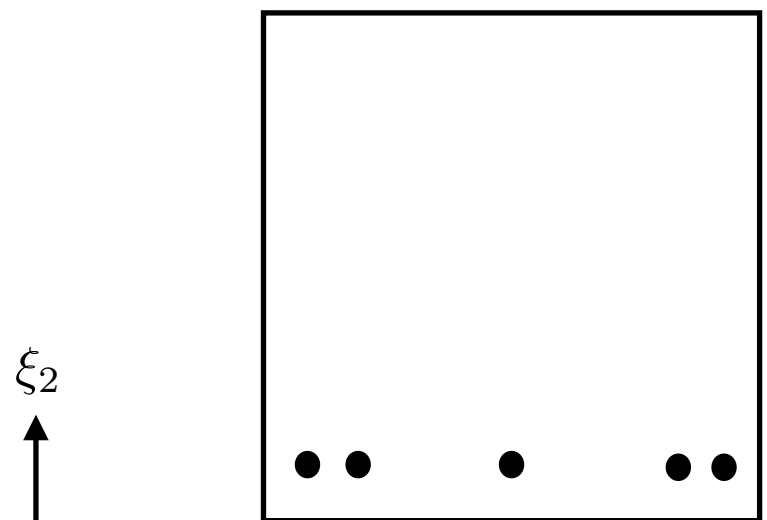


StdRegions

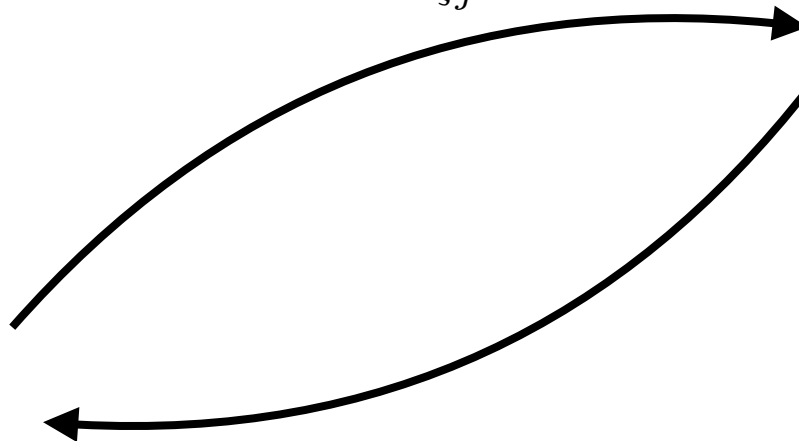


$\xi = (\xi_1, \xi_2)^T$

SpatialDomains

$$\mathbf{x} = \chi_e(\xi)$$

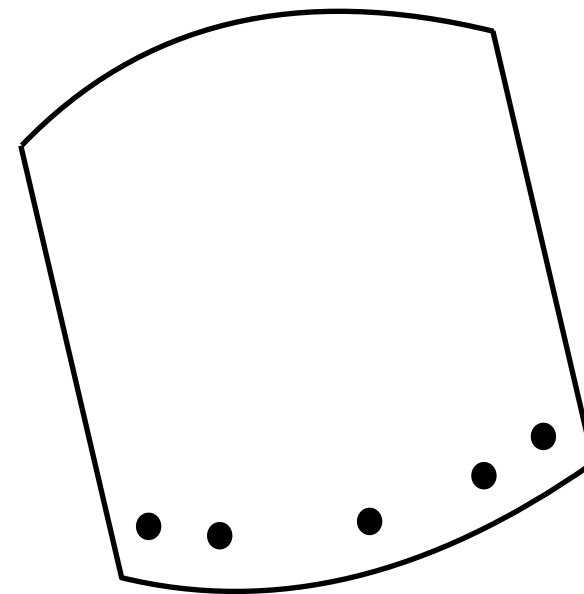
$$\mathbf{J} = \frac{\partial x_i}{\partial \xi_j}$$



$$\xi = \chi_e^{-1}(\mathbf{x})$$

$$\mathbf{J}^{-1} = \frac{\partial \xi_i}{\partial x_j}$$

LocalRegions



$\mathbf{x} = (x_1, x_2)^T$