



Control nodes ●

$q, \dot{q}, Q$

Shape functions

mapping

Deformation  
gradients ↗

$F, \dot{F}, \mathcal{F}$

Sample regions

mapping

Strain  
measures  $\begin{bmatrix} \cdot & \cdot & \cdot \\ \cdot & \cdot & \cdot \\ \cdot & \cdot & \cdot \end{bmatrix}$

$\epsilon, \dot{\epsilon}, \sigma$

Material law