

Algorithm:

1. Divide  $\Omega$  into  $E$  nonoverlapping subdomains, such that  $\Omega = \bigcap_{e=1}^E \Omega^e$ .
2. Assign non-unique mortars to the surfaces of the subdomains.
3. Across the interface,  $\Gamma$ , between two elements,  $i, j$ , impose an  $L_2$  continuity requirement  $\int_{\Gamma} (u_i - u_j) \psi d\tau = 0 \forall \psi \in \mathbb{P}_{N_e-2}(\Gamma)$