$u^1_\partial = e_\kappa(0,t)$
$u^2_\partial = \partial_x e_\kappa(0,t)$
Γ_N
Γ_D
$u^3_\partial = e_w(1,t)$
$u^4_\partial = \partial_x e^r_w(1,t)$
$L = 1$