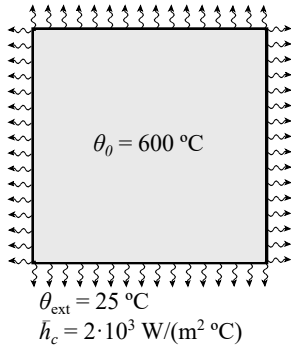
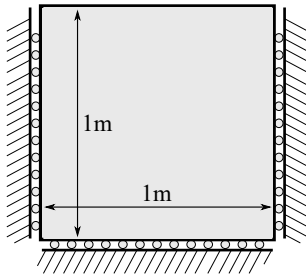


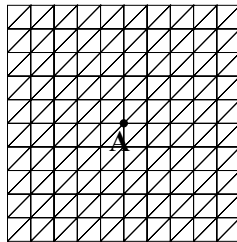
Problema térmico:



Problema mecânico:



Malha:



- 200 elementos T10
- 961 nós

Considerações:

- Análise estática
- $\Delta t = 0,25\text{s}$ (400 passos)

Propriedades térmicas:

- $k = 10^3 \text{ W}/(\text{m } ^\circ\text{C})$
- $c_v = 5 \cdot 10^4 \text{ J}/(\text{kg } ^\circ\text{C})$
- $\rho_0 = 1 \text{ kg}/\text{m}^3$
- $\alpha = 0,001715 \text{ } ^\circ\text{C}^{-1}$

Propriedades mecânicas:

- Neo-Hookeano / EPD
- $E = 10^4 \text{ kN}/\text{m}^2$
- $\nu = 0,25$