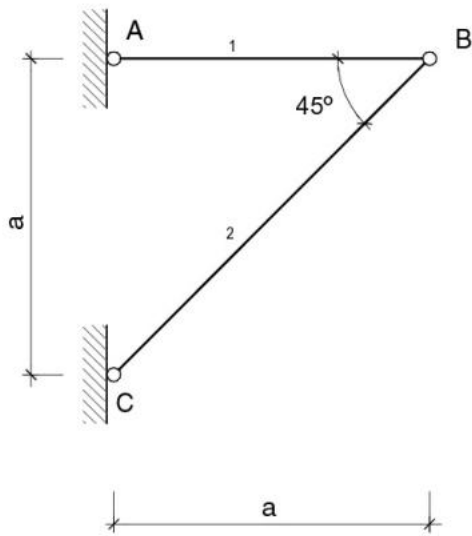
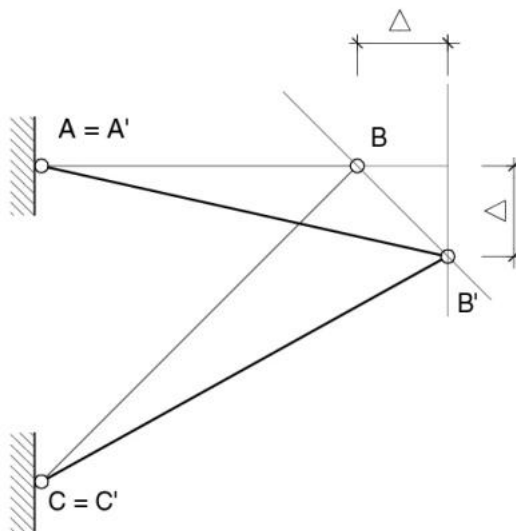
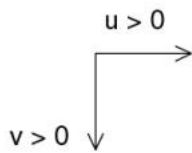


Determinar as componentes horizontal e vertical do deslocamento do nó B da treliça da figura decorrentes de um aumento uniforme da temperatura Δ_t apenas na barra 1.

o coeficiente de dilatação térmica do material da treliça é α .



$$\Delta = a \cdot \alpha \cdot \Delta_t$$



$$u_b = \Delta = a \cdot \alpha \cdot \Delta_t$$

$$v_b = \Delta = a \cdot \alpha \cdot \Delta_t$$