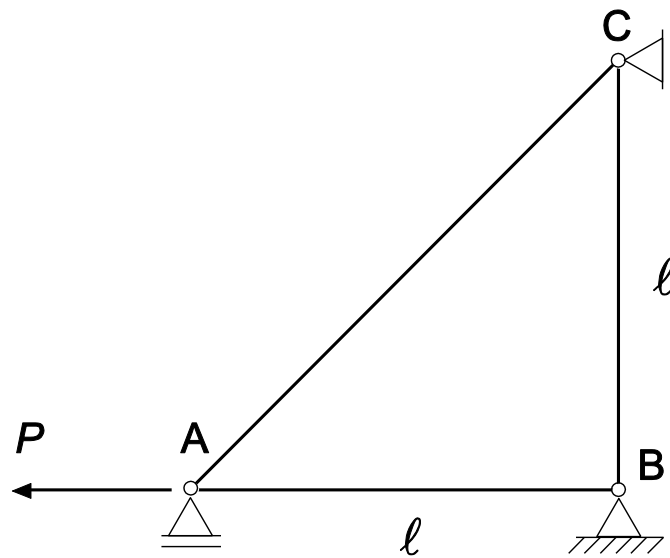
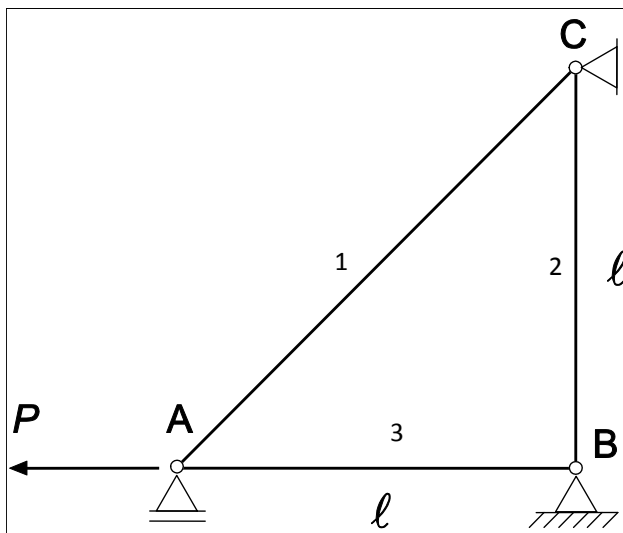


**2ª Questão (3,5):**

Determinar as forças normais nas barras da treliça da figura, todas com rigidez  $EA$ .



Resposta:



$$N_1 = \frac{P(\sqrt{2} - 1)}{\sqrt{2}} = 0,29P$$

$$N_2 = -\frac{P(\sqrt{2} - 1)}{2} = -0,21P$$

$$N_3 = \frac{P(3 - \sqrt{2})}{2} = 0,79P$$