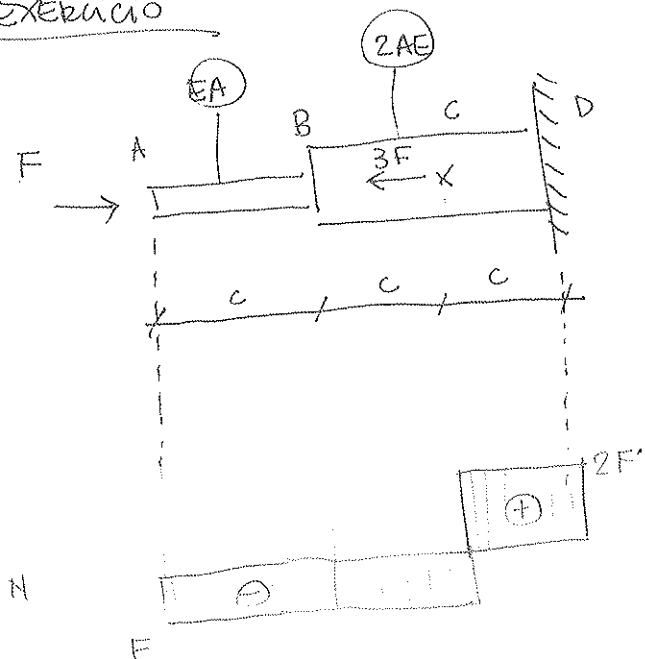


EXERCÍCIO

5. MAR
2018

ADRIANA OGAWA
N. 8555831

$\Delta l = ?$



seção AB :

$$\Delta l = \frac{-F \cdot c}{EA}$$

seção BC

$$\Delta l = \frac{-F \cdot c}{2EA}$$

seção CD

$$\Delta l = \frac{+ 2F \cdot c}{2EA}$$

$$\Delta l_{total} = \frac{-F \cdot c}{2 \cdot EA} - \frac{F \cdot c}{2EA} + \frac{2F \cdot c}{2EA} =$$

$$= -\frac{3F \cdot c}{2EA} + \frac{2F \cdot c}{2EA} =$$

$$\Delta l_{total} = -\frac{1 F \cdot c}{2EA}$$