

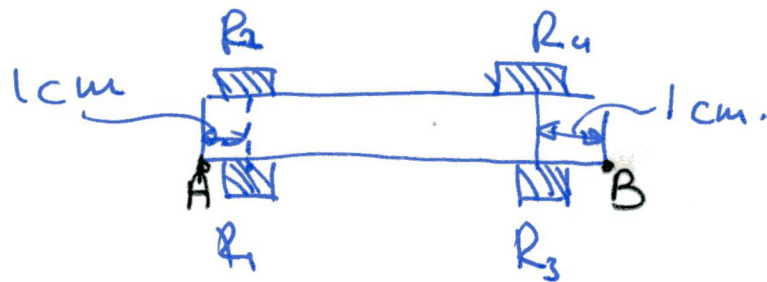
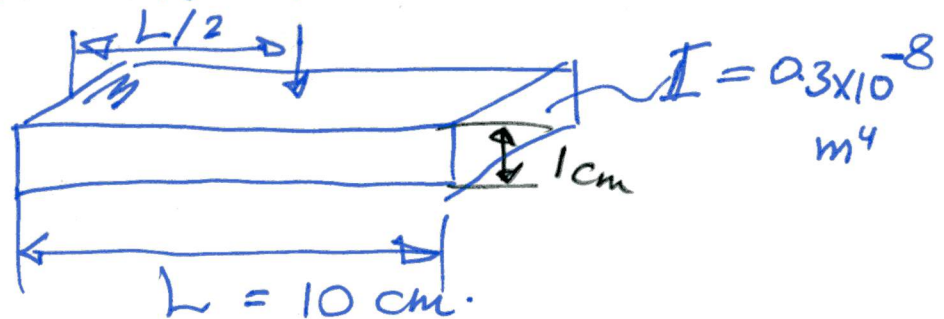
of ($k=50$)

2.

Find the following.

if the Beam had the following
~~Dimensions~~ Derive a relation
 Between ΔU_0 and F .

assume
 Beam to be
 simply supported.



Solution

Reaction Forces R_A, R_B

$$M = 0.01 R_A$$

$$= \frac{0.01}{2} F$$

$$\sigma = \frac{Mc}{I}$$

