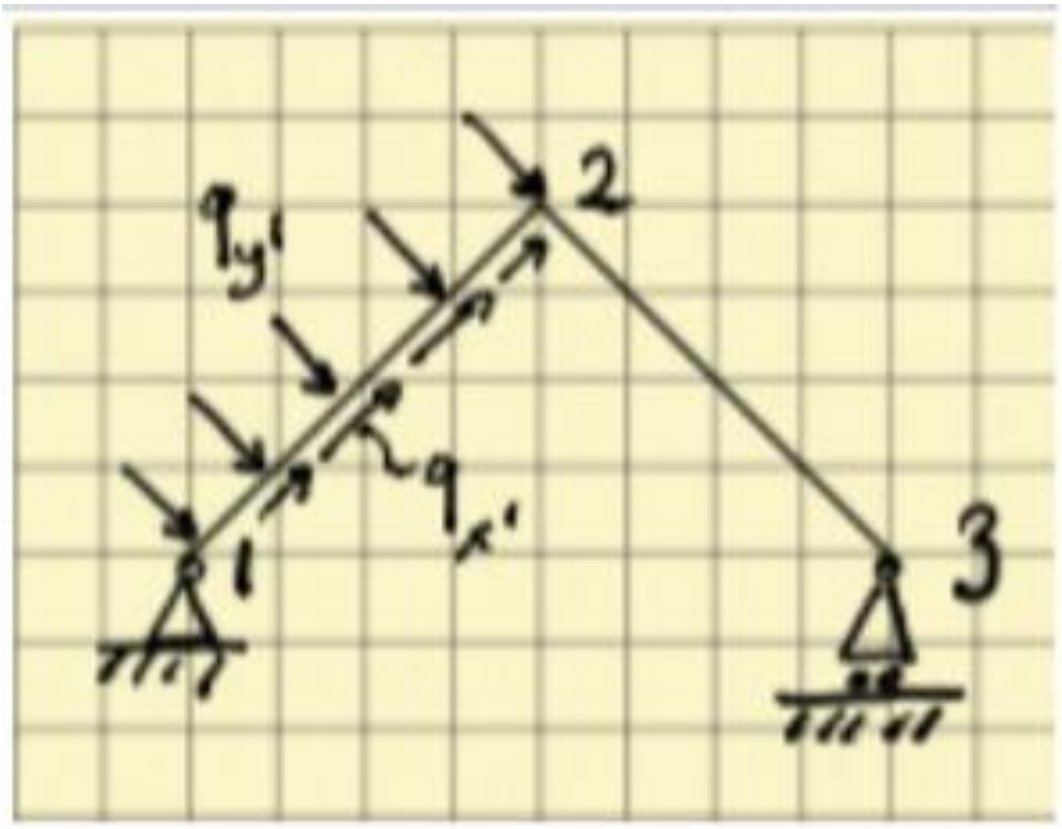

$E_1 = E_2 = 100$ GPa

$b_1 = b_2 = 4$ cm; $h_1 = h_2 = 15$ cm ($I = bh^3/12$)

$A_1 = A_2$

$L_1 = 3$ m, $L_2 = 3$ m

$q_{y'} = 1$ kN/m, $q_{x'} = 1$ kN/m on member 12