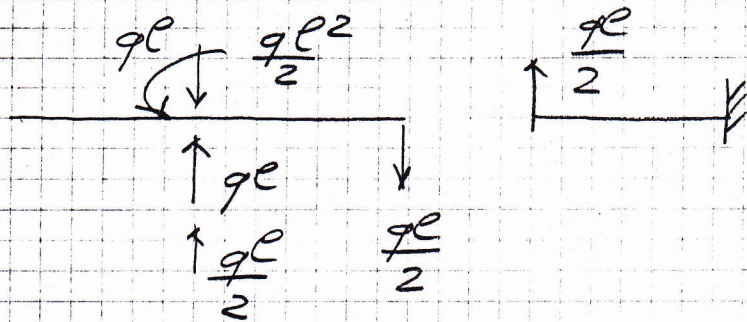
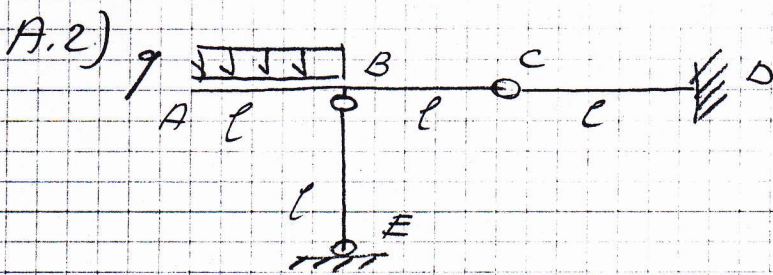




1)

$$v_c = -\frac{qel}{2} \frac{l^3}{3EI} = -\frac{qel^4}{6EI}$$

$\Rightarrow$

$$v_A^{(1)} = \frac{qel^4}{6EI}$$

2)

$$v_B = \frac{3}{2} \frac{qel^2}{EA}$$

$$v_A^{(2)} = 2v_B = \frac{3}{1} \frac{qel^2}{EA}$$

3)

$$v_A^{(3)} = \frac{qel^2}{2} \cdot \frac{l}{3EI} \cdot l = \frac{qel^4}{6EI}$$

4)

$$v_A^{(4)} = \frac{qel^4}{8EI}$$