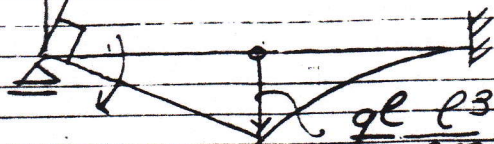


$$\frac{9e^4}{6EI} + \frac{xe^3}{3EI}$$

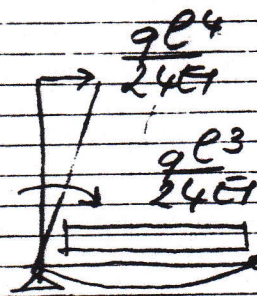
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①

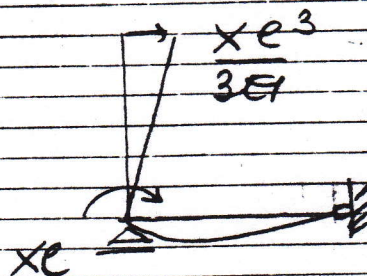
③



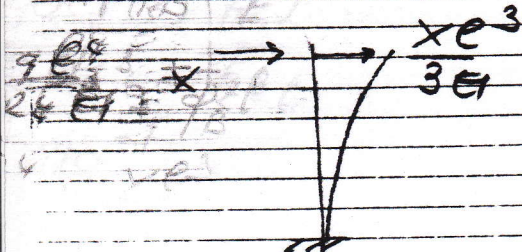
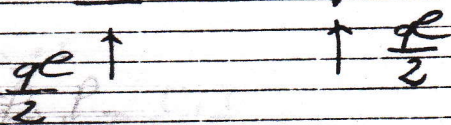
$$\frac{9e^4}{2 \cdot 3EI} + \frac{xe^3}{3EI} = \frac{9e^4}{6EI} + \frac{xe^3}{3EI}$$



②



③



④

$$\sum_{i=1}^4 \delta_i^i =$$

$$\frac{9e^4}{6EI} + \frac{xe^3}{3EI} + \frac{9e^4}{24EI} + \frac{9e^3}{24EI} + \frac{xe^3}{3EI} + \frac{xe^3}{3EI} = \frac{59e^4}{24EI} + \frac{xe^3}{EI} = -\Delta$$

$$\frac{59e^4}{24} + X = -\frac{\Delta EI}{e^3}$$

$$-\frac{59e^4}{24} - \frac{\Delta EI}{e^3} = X$$