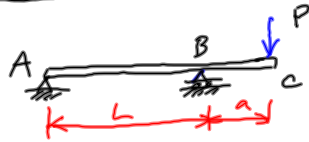


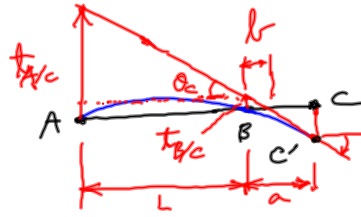
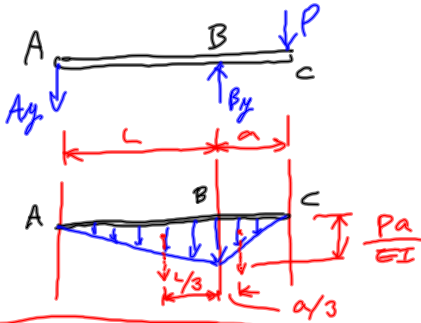
9.134



$$\theta_c = ? \quad y_c = ?$$

$$+\circlearrowleft \sum M_B = 0: L A_y - a P = 0$$

$$A_y = \frac{a}{L} P$$



$$\theta_c = - \frac{t_{A/C} - t_{B/C}}{L}$$

$$t_{A/C} = +2 (M_A)_{A/C}$$

$$t_{B/C} = +2 (M_B)_{B/C}$$

$$t_{A/C} = \frac{2L}{3} \cdot \frac{L}{2} \cdot \frac{Pa}{EI} + (L + \frac{a}{3}) \cdot \frac{a}{2} \cdot \frac{Pa}{EI}$$

$$= \square$$

$$t_{B/C} = \frac{a}{3} \cdot \frac{a}{2} \cdot \frac{Pa}{EI}$$

$$\theta_c = -\square$$

$$\theta_c = \square \quad \square$$

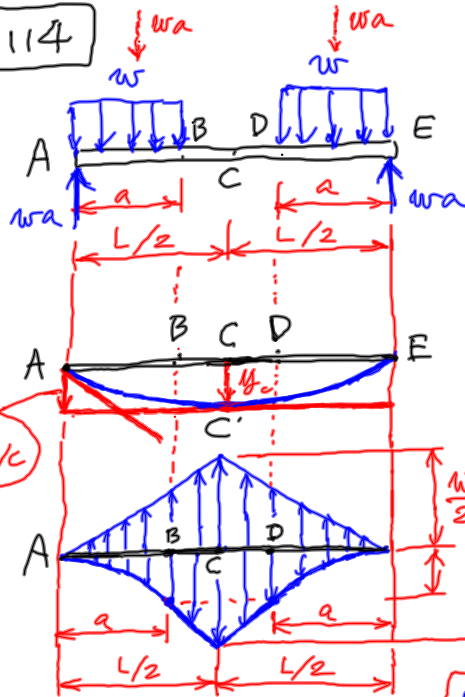
$$\frac{b}{L+b} = \frac{t_{B/C}}{t_{A/C}}$$

$$\therefore b = \square$$

$$\overline{CC'} = (a-b) |\theta_c| = \square$$

$$\overline{y_c} = \overline{CC'} \downarrow$$

9.114



$$\theta_A = ? \quad y_c = ?$$

$$\overline{y_c} = \overline{t_{A/C}} = \overline{f} (M_A)_{A/C}$$

$$= \square$$

$$\overline{y_c} = \square \downarrow$$

$$\theta_{C/A} = \theta_c - \theta_A = 0 - \theta_A$$

$$\therefore A_{Ac} = -\theta_A$$

$$\theta_A = \square \quad \square$$

$$\theta_A = -A_{Ac}$$