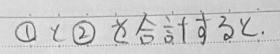


$$C_1 = -\frac{P}{2}L^2$$
, $C_2 = \frac{P}{3}L^3$ (3.1)



$$y = \frac{P}{EI} \left(\frac{1}{6} \chi^2 - \frac{L^2}{2} \chi + \frac{L^2}{3} \right) + \frac{P}{EI} \left(\chi^4 - 4L^2 \chi + 5L^4 \right)$$

$$\frac{P}{EL} \left(\frac{\chi^{4}}{24} + \frac{1}{6} \chi^{3} - \frac{1^{3}}{6} \chi - \frac{1^{2}}{2} \chi + \frac{1^{4}}{8} + \frac{1^{3}}{3} \right)$$