

$$M_A = M_B = -\frac{Pl}{8}$$

$$M_C = \frac{Pl}{8}; A = B = P/2$$

$$V_C = \frac{1}{192} \frac{Pl^3}{EI}$$

$$A = B = \frac{ql}{2}$$

$$M_A = M_B = -\frac{ql^2}{12}$$

$$M_C = \frac{ql^2}{24}; V_C = \frac{1}{384} \frac{ql^4}{EI}$$

$$A = \frac{3}{32} ql$$

$$V_C = \frac{1}{768} \frac{ql^4}{EI}; B = \frac{13}{32} ql$$

$$M_A = -\frac{5}{192} ql^2; M_B = -\frac{11}{192} ql^2$$

$$M_C = \frac{1}{48} ql^2$$

$$M = Pl/4$$

$$V_C = \frac{1}{48} \frac{Pl^3}{EI}$$

$$V_A = V_B = -\frac{1}{16} \frac{Pl^2}{EI}$$

$$M = \frac{ql^2}{8}$$

$$A = B = 2ql/2$$

$$V_C = \frac{5}{384} \frac{ql^4}{EI}$$

$$V_A = V_B = -\frac{1}{24} \frac{ql^3}{EI}$$

$$\max M = \frac{9}{128} ql^2$$

$$A = \frac{3}{8} ql; B = \frac{7}{8} ql$$

$$M_C = \frac{1}{16} ql^2$$

$$V_{\max} = 0.00657 \frac{ql^4}{EI}$$

$$V_C = \frac{5}{768} \frac{ql^4}{EI}$$

$$V_A = -\frac{3}{128} \frac{ql^3}{EI}$$

$$V_B = \frac{7}{384} \frac{ql^3}{EI}$$

$$A = \frac{41}{128} ql$$

$$B = \frac{23}{128} ql$$

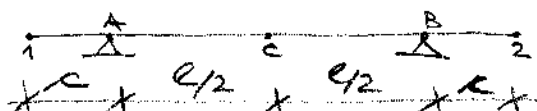
$$M_B = -\frac{7}{128} ql^2; M_C = \frac{9}{256} ql^2$$

$$\max M = 0.0513 ql^2$$

$$\max V = 0.00338 \frac{ql^4}{EI}$$

$$V_A = -\frac{11}{768} \frac{ql^3}{EI}$$

$$V_C = \frac{19}{512} \frac{ql^4}{EI}$$



$$M = K \cdot P$$

$$A = B = P$$

$$V_C = \frac{Pl^2 \cdot c}{8EI}; V_B = \frac{Pl^2}{3EI} (c + \frac{3l}{2})$$

$$V_A = V_B = \frac{P \cdot c \cdot l}{2EI}$$

$$V_1 = -V_2 = \frac{P \cdot c \cdot (l+c)}{2EI}$$

$$A = B = \frac{2(2c+l)}{2}$$

$$M_A = M_B = -\frac{2c^2}{2}$$

$$M_C = \frac{2}{8} (l^2 - 4c^2)$$

$$V_C = \frac{5}{384} \frac{2l^4}{EI} (1 - \frac{24}{5} \cdot \frac{c^2}{l^2})$$

$$V_0 = \frac{2l^4}{24EI} (3 \frac{c^4}{l^4} + 6 \frac{c^3}{l^3} - \frac{c}{l})$$

$$V_A = -V_B = \frac{2(-l^3 + 6c^2 \cdot l)}{24EI}$$

$$V_1 = -V_2 = \frac{2(-l^3 + 4c^2 + 6c^2 l)}{24EI}$$

$$A = \frac{5}{16} P; B = \frac{11}{16} P$$

$$M_C = \frac{5}{32} Pl$$

$$M_B = -\frac{3}{16} Pl; V_A = -\frac{Pl^2}{32EI}$$

$$V_C = \frac{7}{768} \frac{Pl^3}{EI}$$

$$A = \frac{3}{8} ql; B = \frac{5}{8} ql$$

$$M_C = \frac{ql^2}{16}; M_{\max} = \frac{9}{128} ql^2; x = \frac{3}{8} l$$

$$M_B = -\frac{9ql^2}{8}; \max V = \frac{2}{369} \frac{ql^4}{EI}$$

$$V_A = -\frac{1}{48} \frac{ql^3}{EI}$$

$$A = \frac{41}{128} ql$$

$$B = \frac{23}{128} ql$$

$$M_B = -\frac{7}{128} ql^2; M_C = \frac{9}{256} ql^2$$

$$\max M = 0.0513 ql^2$$

$$\max V = 0.00338 \frac{ql^4}{EI}$$

$$V_A = -\frac{11}{768} \frac{ql^3}{EI}$$

$$V_C = \frac{19}{512} \frac{ql^4}{EI}$$