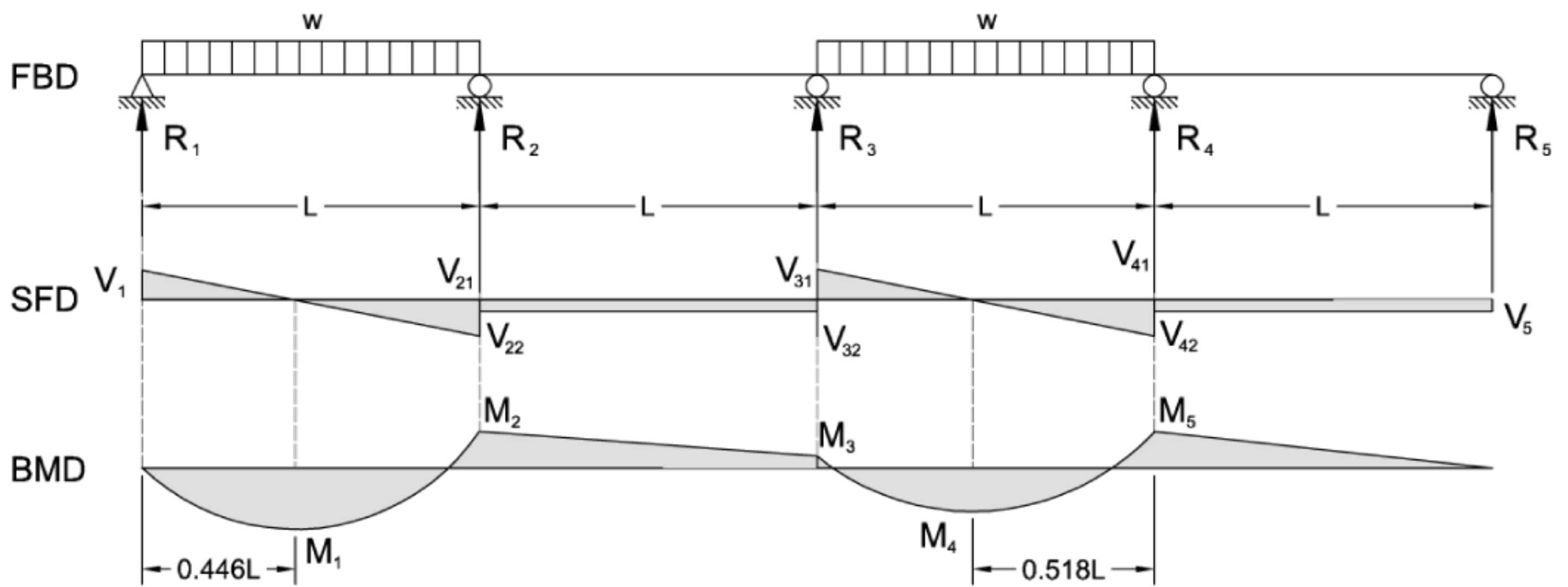




$$R_1 = V_1 \dots\dots\dots = 0.446wL$$

$$R_2 \dots\dots\dots = 0.572wL$$

$$R_3 \dots\dots\dots = 0.464wL$$

$$R_4 \dots\dots\dots = 0.572wL$$

$$R_5 \dots\dots\dots = -0.054wL$$

$$V_{2_1} \dots\dots\dots = 0.0554wL$$

$$V_{2_2} = V_{3_1} \dots\dots\dots = 0.018wL$$

$$V_{3_2} \dots\dots\dots = 0.482wL$$

$$V_{4_1} \dots\dots\dots = 0.518wL$$

$$V_{4_2} = V_5 \dots\dots\dots = 0.054wL$$

$$M_1(0.446L \text{ from } R_1) \dots\dots\dots = 0.0996wL^2$$

$$M_2(\text{at } R_2) \dots\dots\dots = -0.0536wL^2$$

$$M_3(\text{at } R_3) \dots\dots\dots = -0.0357wL^2$$

$$M_4(0.518L \text{ from } R_4) \dots\dots\dots = 0.0805wL^2$$

$$M_5(\text{at } R_4) \dots\dots\dots = -0.0536wL^2$$

$$\Delta_{\max}(\text{at } 0.477L \text{ from } R_1) \dots\dots\dots = \frac{0.0097wL^4}{EI}$$