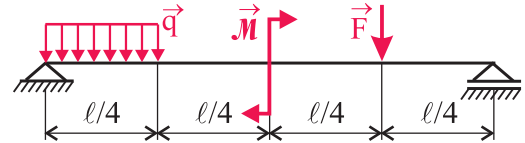


Problem 219

Determine the distribution of inner resultants at the beam in the figure.

Input values:

- a) $F = 150 \text{ N}$, $q = 500 \text{ Nm}^{-1}$, $\mathcal{M} = 200 \text{ Nm}$, $l = 2 \text{ m}$
- b) $F = 800 \text{ N}$, $q = 500 \text{ Nm}^{-1}$, $\mathcal{M} = 200 \text{ Nm}$, $l = 2 \text{ m}$
- c) $F = 150 \text{ N}$, $q = 500 \text{ Nm}^{-1}$, $\mathcal{M} = 600 \text{ Nm}$, $l = 2 \text{ m}$



inner resultants