



$$l_{AB} = 5 \text{ m}$$

$$l_{BC} = 2.5 \text{ m}$$

$$l_{CD} = l_{BE} = 8.0 \text{ m}$$

$$l_{EF} = 3 \text{ m}$$

$$J_{AB} = 6000 \text{ cm}^4$$

$$J_{BC} = 1500 \text{ cm}^4$$

$$J_{CD} = 9500 \text{ cm}^4$$

$$J_{BE} = 12000 \text{ cm}^4$$

$$J_{EF} = 16500 \text{ cm}^4$$

$$P = 45 \text{ t}$$

$$q_{CD} = 3.5 \text{ t/m}$$

$$q_{BE} = 8.5 \text{ t/m}$$

$$q_A = 5.2 \text{ t/m}$$

$$\mu_{AB} = 6.5 \text{ tm}$$

$$\mu_{BA} = 4.3 \text{ tm}$$

$$\alpha_{BE} = 1.45 \cdot 10^{-3} (\text{tm})^{-1}$$

$$\alpha_{FB} = 1.20 \cdot 10^{-3} (\text{tm})^{-1}$$

$$\beta = 6.90 \cdot 10^{-4} (\text{tm})^{-1}$$