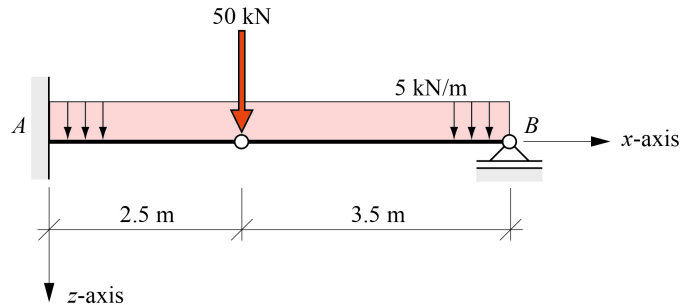


CORRECTIONS v3 (April 7, 2021) in:

J.W. Welleman, **Work, energy methods & influence lines**, Zoetermeer 2016

Chapter 1 (Work and energy)

p. 15 In figure 1.10: add a hinge in the beam directly under the load of 50 kN:



Chapter 3 (Castigliano's work theorems)

p. 59 In expression (3.20): replace ' δA_{uitw} ' by ' δA_{ext} '.

p. 60 In expression (3.21): replace ' δA_{uitw} ' by ' δA_{ext} '.

Chapter 4 (Energy functions and approximations)

p. 77 First line, last expression: replace ' $F|$ ' by ' $F^2|$ '.

p. 79 First two lines, replace both expressions by:

$$E_v = \frac{F^2|}{96EI} \quad \text{and} \quad w_{\text{mid span}} = \frac{F|}{48EI}$$

$$V = \frac{F^2|}{96EI} - F \times w_{\text{mid span}} = -\frac{F^2|}{96EI}$$