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Fundamental Finite Element

Theory and Applications

with Computations Using *Mathematica* and Matlab

John Wlley & Sons Inc. 2005

Corrections to the printed book

The corrections are indicated by larger size.

- **P. 80**

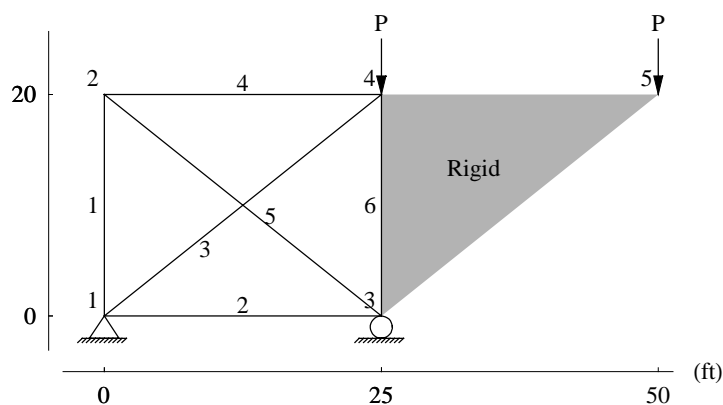Element numbers not shown in the printed book

Figure 1.27. Truss supporting a rigid plate

- **P. 95**

Problem 1.40

$$E = 29 \times 10^6 \text{ psi}$$

- **P. 96**

Problem 1.41

The fillet radius is 1 mm.

- **P. 96**

Problem 1.42

Use 1 mm fillets at the inside corners.

- **P. 131**

$$a_1 = \frac{(c\,L^3/3) + P\,L}{\text{EA}\,L}$$

- **P. 165**

Problem 2.4

$$\frac{d^2 u}{dx^2} + x\,\frac{du}{dx} = 2\,u - 1; \quad 0 < x < 1$$

- **P. 172**

Problem 2.32

$$E = 70 \text{ GPa}$$

▪ P. 541

Problem 7.15

Use 1/4 in fillets at the inside corners.

▪ P. 582

Problem 8.6

The dimensions in ft are shown in the figure