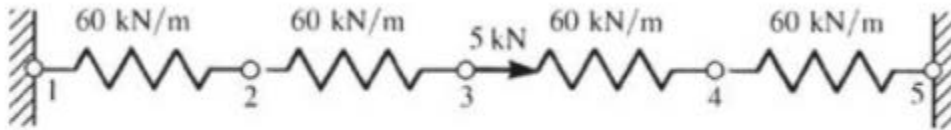


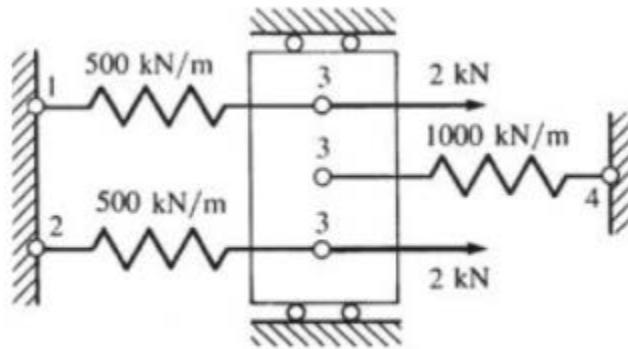
Homework Assignment #2

Text Problems 2.13, 15, 21

- 2.8–2.16** For the spring assemblages shown in Figures P2–8 through P2–16, determine the nodal displacements, the forces in each element, and the reactions. Use the direct stiffness method for all problems.

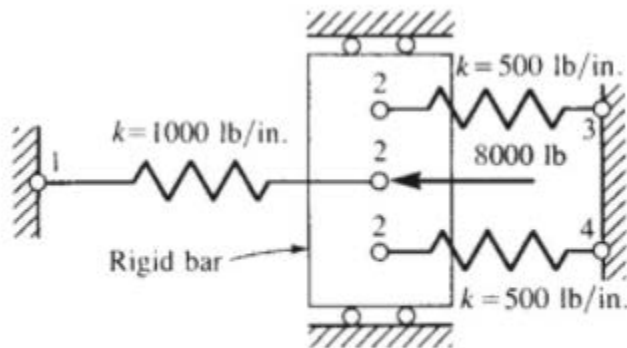


■ Figure P2–13



■ Figure P2–15

- 2.21** Solve Problems 2.10 and 2.15 by the potential energy approach (see Example 2.5).



■ Figure P2–10