



FIGURE P6-18

Problem 6-55 From P. H. Hill and W. P. Rule. (1960). *Mechanisms: Analysis and Design*, with permission

†6-55 Figure P6-18 shows a powder compaction mechanism.

- Calculate its mechanical advantage for the position shown.
- Calculate and plot its mechanical advantage as a function of the angle of link AC as it rotates from 15 to 60°.

† These problems are suited to solution using *Mathcad*, *Matlab*, or *TKSolver* equation solver programs.