



FIGURE P9-8

Problem 9-41 From P. H. Hill and W. P. Rule. (1960). *Mechanisms: Analysis and Design*

*†9-41 Figure P9-8 shows a compound epicyclic train. Gear 2 is driven at 800 rpm CCW and gear *D* is fixed to ground. The tooth numbers are indicated in the figure. Determine the speed and direction of gears 1 and 3.

* Answers in Appendix F.

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