FIGURE P9-9

Problem 9-42 *From P. H. Hill and W. P. Rule. (1960). Mechanisms: Analysis and Design*

[†]9-42   Figure P9-9 shows a compound epicyclic train. Shaft 1 is driven at 300 rpm *CCW* and gear *A* is fixed to ground. The tooth numbers are indicated in the figure. Determine the speed and direction of shaft 2.

* Answers in Appendix F.

[†] These problems are suited to solution using *Mathcad, Matlab,* or T*KSolver* equation solver programs.