



**FIGURE P6-10**

Problem 6-47 A fourbar linkage with a double straight-line coupler curve

\*†6-47 Figure P6-10 shows a linkage and its coupler curve. Write a computer program or use an equation solver to calculate and plot the magnitude and direction of the velocity of the coupler point  $P$  at  $2^\circ$  increments of crank angle for  $\omega_2 = 100$  rpm. Check your result with program FOURBAR.

\* Answers in Appendix F.

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