

**FIGURE P6-14****Problem 6-51**

- †6-51 Figure P6-14 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° increments of crank angle for $\omega_2 = 80$ rpm over the maximum range of motion possible. Check your result with program FOURBAR.

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