

**FIGURE P7-14****Problem 7-44**

- \*7-44 Figure P7-14 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 acceleration of the coupler point  $P$  at  $2^\circ$  increments of crank angle for  $\omega_2 = 80$  rpm over the maximum range of motion possible. Check your result with program FOURBAR.

\* Answers in Appendix F.