

**FIGURE P4-10**

Problem 4-23

- \*†4-23 For the linkage in Figure P4-10, calculate and plot the angular displacement of links 3 and 4 and the path coordinates of point  $P$  with respect to the angle of the input crank  $O_2A$  for one revolution.

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\* Answers in Appendix F.

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† These problems are suited to solution using *Mathcad*, *Matlab*, or *TKSolver* equation solver programs. In most cases, your solution can be checked with program FOURBAR, SLIDER, or SIXBAR.