

**FIGURE P4-9**

Problem 4-22. Straight-line walking beam eightbar transport mechanism

- †4-22 For the walking beam mechanism of Figure P4-9, calculate and plot the x and y components of the position of the coupler point P for one complete revolution of the crank O_2A . Hint: Calculate them first with respect to the ground link O_2O_4 and then transform them into the global XY coordinate system (i.e., horizontal and vertical in the figure). Scale the figure for any additional information needed.

* This figure is provided as an animated Working Model file on the CD-ROM. Its filename is the same as the figure number.