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 compo-
nents 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.