



FIGURE P3-2

Problems 3-5 to 3-6

- \*3-5 Design a fourbar mechanism to give the three positions of coupler motion with no quick-return shown in Figure P3-2. (See also Example 3-5.) Ignore the points  $O_2$  and  $O_4$  shown. Build a cardboard model and determine the toggle positions and the minimum transmission angle from the model. Add a driver dyad. (See Example 3-4.)
- \*3-6 Design a fourbar mechanism to give the three positions shown in Figure P3-2 using the fixed pivots  $O_2$  and  $O_4$  shown. Build a cardboard model and determine the toggle positions and the minimum transmission angle from the model. Add a driver dyad.

\* Answers in Appendix F.