FIGURE P3-1

Problems 3-3 to 3-4

*3-3   Design a fourbar mechanism to give the two positions shown in Figure P3-1 of output rocker motion with no quick-return. (See Example 3-2.) Build a cardboard model and determine the toggle positions and the minimum transmission angle from the model.

3-4   Design a fourbar mechanism to give the two positions shown in Figure P3-1 of coupler motion. (See Example 3-3.) 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.)

* Answers in Appendix F.