

**FIGURE P4-2**

Problems 4-9, 4-10, 4-60, 4-61 Open configuration and terminology for a fourbar slider linkage

4-60 The link lengths, offset, and value of d for some fourbar slider-crank linkages are defined in Table P4-5. The linkage configuration and terminology are shown in Figure P4-2 (p. 216). For the rows assigned, draw the linkage to scale and graphically find all possible solutions (both open and crossed) for angles θ_2 and θ_3 .

4-61 Repeat Problem 4-60 except solve by the vector loop method.

TABLE P4-5 Data for Problems 4-60 to 4-61[‡]

Row	Link 2	Link 3	Offset	d
<i>a</i>	1.4	4	1	2.5
<i>b</i>	2	6	-3	5
<i>c</i>	3	8	2	8
<i>d</i>	3.5	10	1	-8
<i>e</i>	5	20	-5	15
<i>f</i>	3	13	0	-12
<i>g</i>	7	25	10	25

[‡] Drawings of these linkages are in the *PDF Problem Workbook* folder on the DVD.