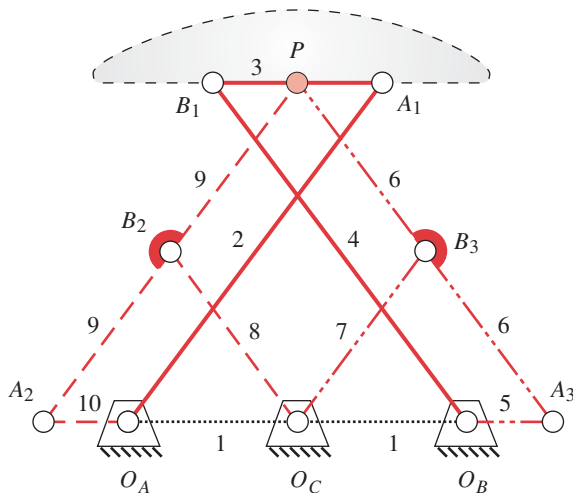


(a) A fourbar linkage and its coupler curve



(b) Cognates of the fourbar linkage

**FIGURE 3-26**

Finding cognates of a fourbar linkage when its coupler point lies on the line of centers of the coupler

- 3-28 Use two of the cognates in Figure 3-26b (p. 126) to design a Watt-I sixbar parallel motion mechanism that carries a link through the same coupler curve at all points. Comment on its similarities to the original Roberts diagram.