3-59   Design a fourbar mechanism to move the link shown in Figure P3-17 from position 1 to position 2. Ignore the third position and the fixed pivots O_2 and O_4 shown. Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-60   Design a fourbar mechanism to move the link shown in Figure P3-17 from position 2 to position 3. Ignore the first position and the fixed pivots O_2 and O_4 shown. Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-61   Design a fourbar mechanism to give the three positions shown in Figure P3-17. Ignore the fixed pivots O_2 and O_4 shown. Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-62   Design a fourbar mechanism to give the three positions shown in Figure P3-17 using the fixed pivots O_2 and O_4 shown. (See Example 3-7, p. 113.) Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-63   Design a fourbar mechanism to move the link shown in Figure P3-18 (p. 168) from position 1 to position 2. Ignore the third position and the fixed pivots O_2 and O_4 shown. Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-64   Design a fourbar mechanism to move the link shown in Figure P3-18 (p. 168) from position 2 to position 3. Ignore the first position and the fixed pivots O_2 and O_4 shown. Build a model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.
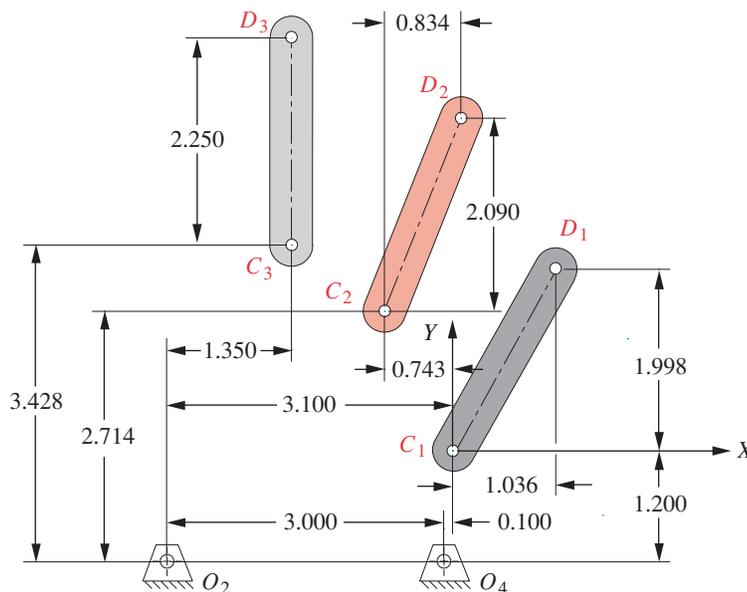

FIGURE P3-17

Problems 3-59 to 3-62