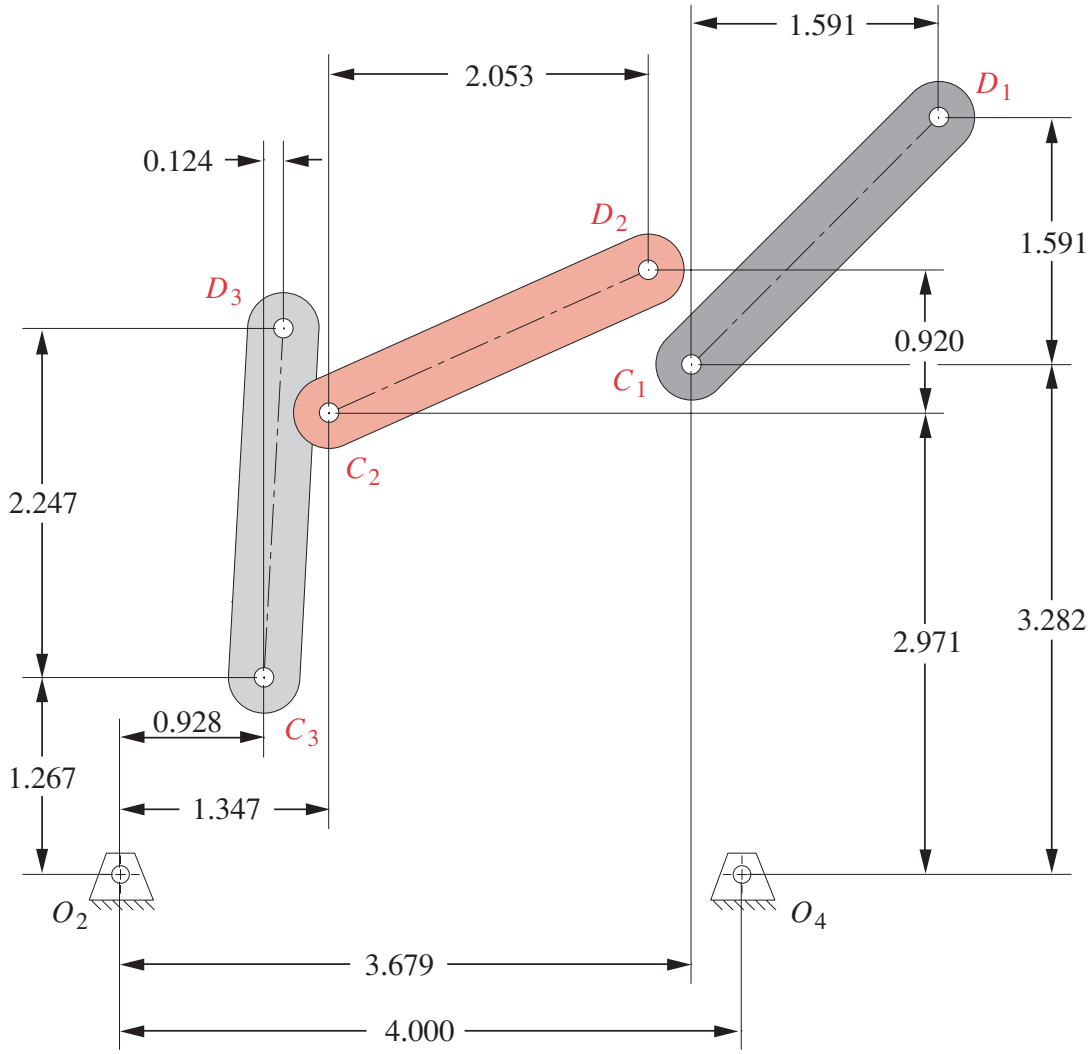

FIGURE P3-18

Problems 3-63 to 3-66

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

3-65 Design a fourbar mechanism to give the three positions shown in Figure P3-18. Ignore the fixed pivots O_2 and O_4 shown. Build a cardboard model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.

3-66 Design a fourbar mechanism to give the three positions shown in Figure P3-18 using the fixed pivots O_2 and O_4 shown. (See Example 3-7.) Build a cardboard model and add a driver dyad to limit its motion to the range of positions designed, making it a sixbar.