

Assignment 4

1. Design a four-bar mechanism to give the three positions of coupler motion. Ignore the fixed pivot points in the Figure 1. Use Analytical Synthesis
2. Design a four-bar mechanism to give the three positions of coupler motion. Use the fixed pivots shown in Figure 1. Use Analytical Synthesis

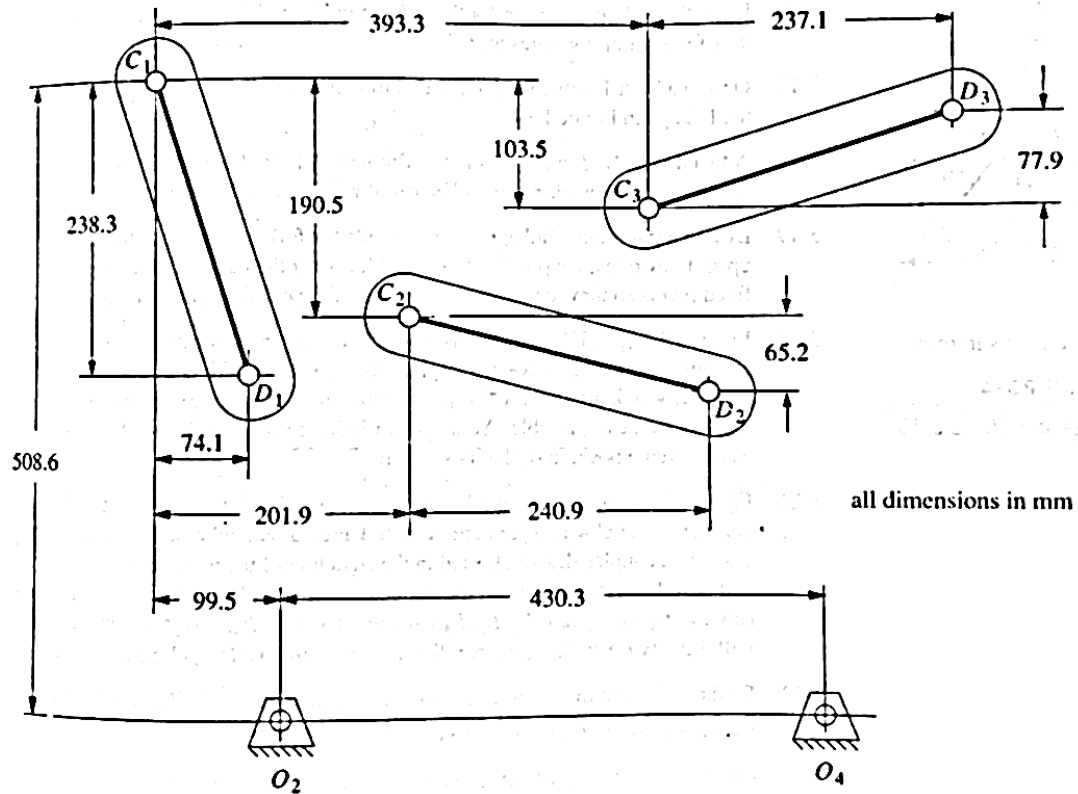


Figure 1

3. **(Analytical)** Design a four bar linkage to move the object in Figure 2 from position 1 to 2 and then from 2 to 3 using points A and B for attachment. All fixed pivots should be on the base.

