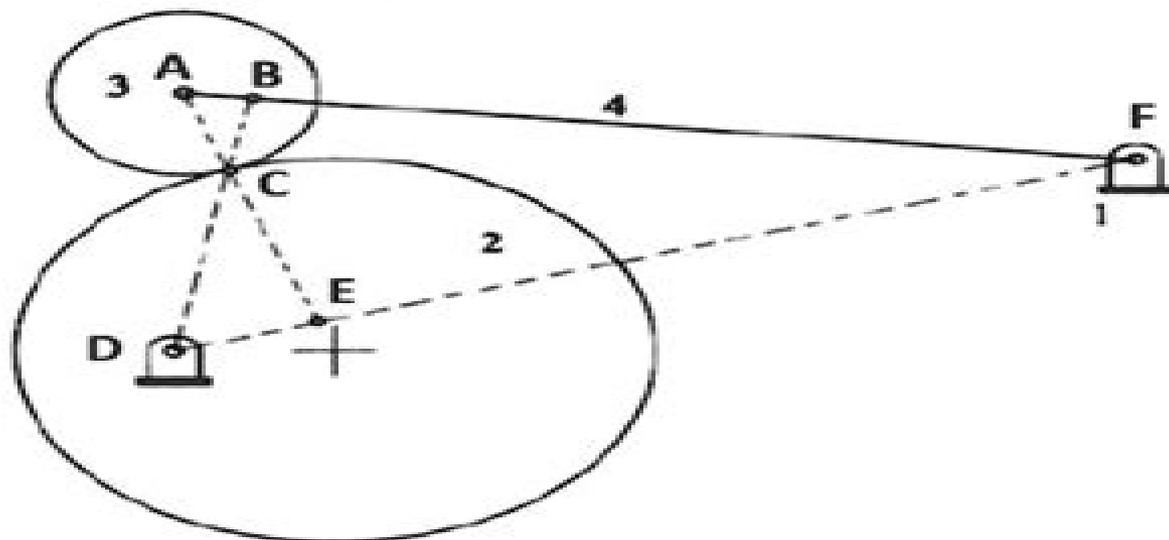
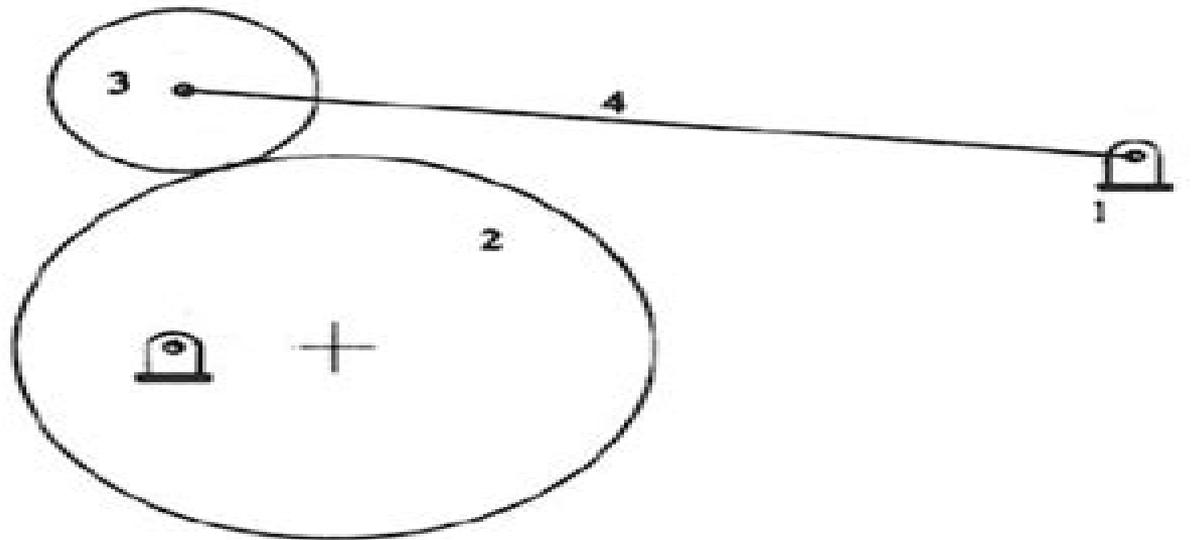


The angular velocity of cylinder 2 is $\omega_2 = 92$ rpm. The location of instantaneous centers (ICs) are labeled on the figure with A, B, C, D, E, and F. Find the angular velocity of link 4, ω_4 , given the distances between the ICs.



The distances are:

$$\overline{DC} = 36.5 \text{ mm}$$

$$\overline{BC} = 14.33 \text{ mm}$$

$$\overline{DE} = 18.02 \text{ mm}$$

$$\overline{FE} = 102.53 \text{ mm}$$

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