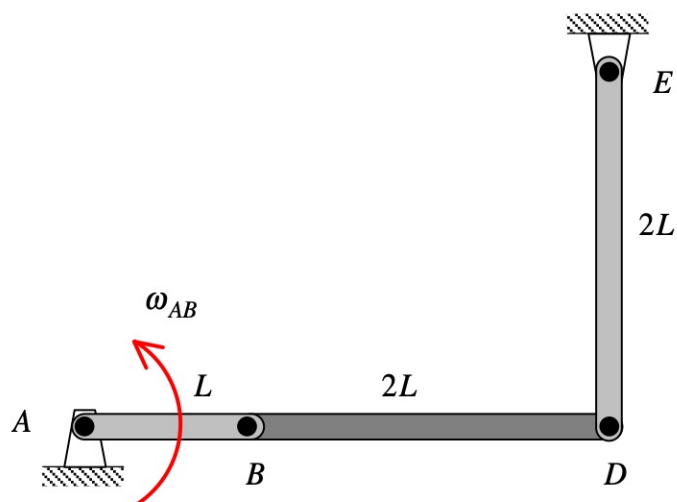


Homework H.2.G

Given: A mechanism is made up of links AB, BD and DE. At the instant shown, links AB and BD are aligned horizontally, and link DE is vertical.

Find: For this position:

- Locate the instant center for link BD.
- Determine the angular velocities of links BD and DE. Write your answers as vectors.



Use the following parameters in your analysis: $L = 2$ ft and $\omega_{AB} = -4$ rad/s.