Homework H.2.J

Given: A mechanism is made up of links AB, BD and DE joined together with pins, as shown in the figures. Link AB is known to be rotating in a counter-clockwise sense with a constant angular speed of ω_{AB} . At the instant shown, links AB and DE are horizontal, and pin D is directly below pin A.

Find: For the position shown:

- (a) Determine the angular velocities of links BD and DE. Write your answers as vectors.
- (b) Determine the angular accelerations of links BD and DE. Write your answers as vectors.

