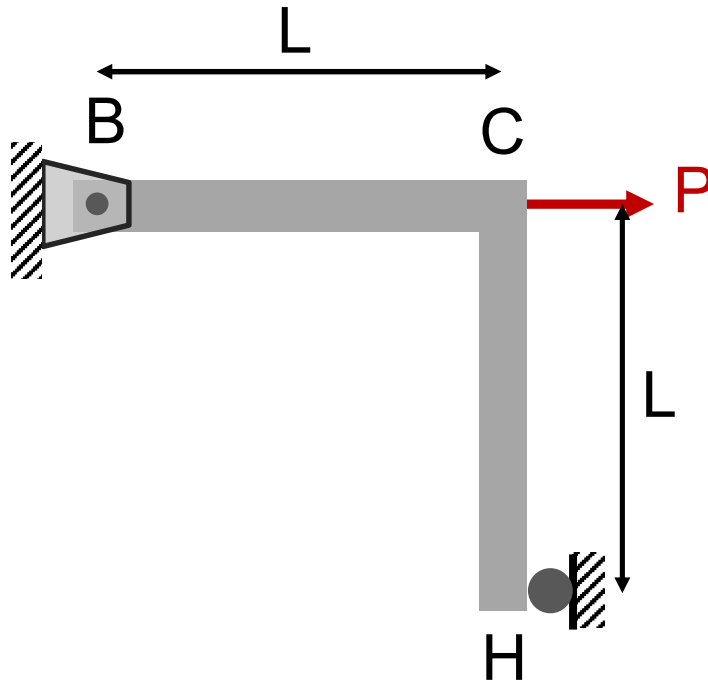


# Lecture 24 Quiz

An L-shaped beam is subject to an applied force as shown in the diagram below. You are asked to use Castigliano's to solve for the angular change at H ( $\theta_H$ ). Structure BCH has a modulus of E and a second area moment of I.



- Draw the free body diagram.
- Solve for the angular change at H.