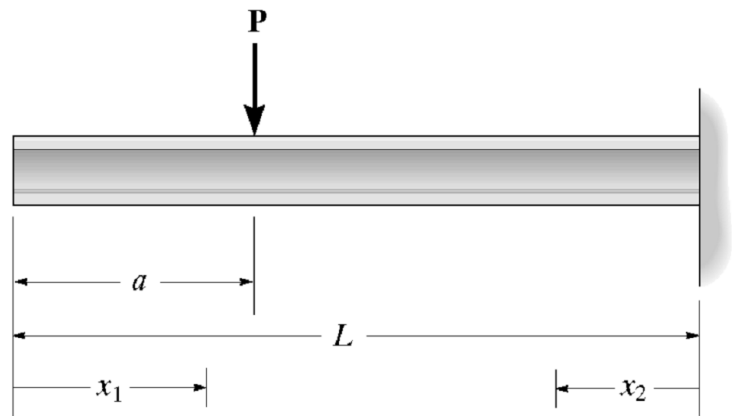


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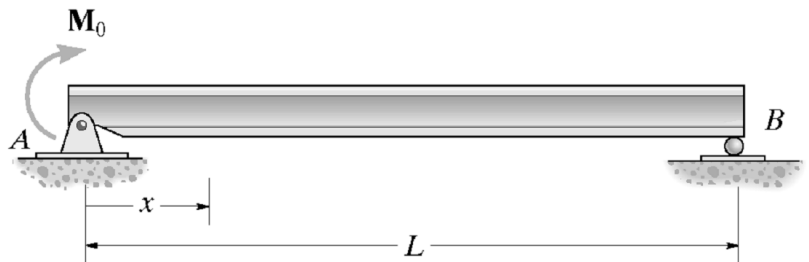
Student ID:

AM17: Bending Deflections by Integration

1. Determine the equations of the elastic curve using the x_1 and x_2 coordinates. EI is constant.



2. Determine the equation of the elastic curve for the beam using the x coordinate. Specify the slope at A and the maximum deflection. EI is constant.

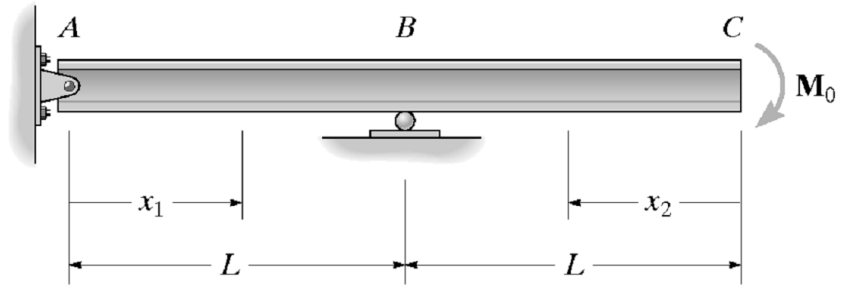


Name:

Student ID:

AM17: Bending Deflections by Integration

3. Determine the equations of the elastic curve using the coordinates x_1 and x_2 , and specify the deflection and slope at C . EI is constant.



4. Determine the equations of the elastic curve using the coordinates x_1 and x_2 , and specify the deflection and slope at B . EI is constant.

