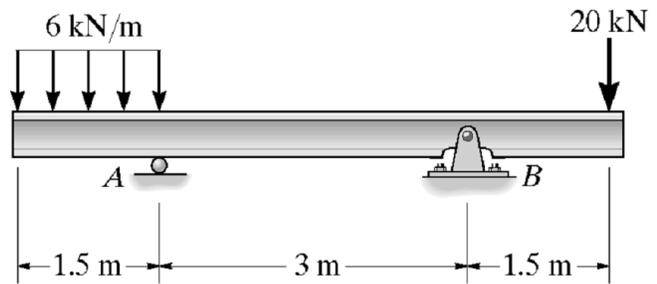


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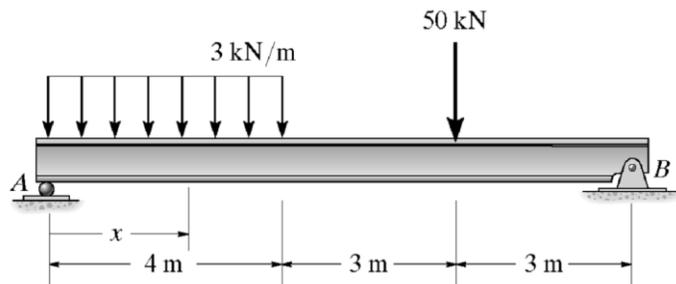
Student ID:

AM20: Bending Deflections by Singular Functions

1. The beam is subjected to the load shown. Determine the equation of the elastic curve. EI is constant.



2. The beam is subjected to the load shown. Determine the displacement at $x = 7$ m and the slope at A. EI is constant.

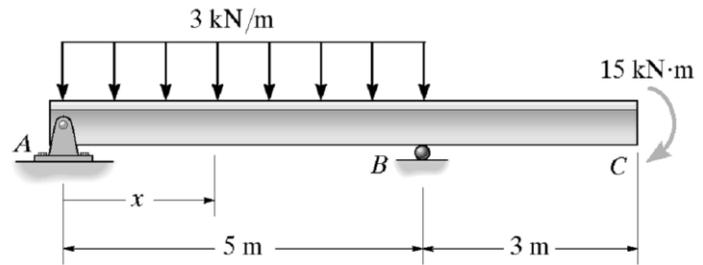


Name:

Student ID:

AM20: Bending Deflections by Singular Functions

3. The beam is subjected to the load shown. Determine the equations of the slope and elastic curve. EI is constant.



4. Determine the equation of the elastic curve. Specify the deflection at C. EI is constant.

