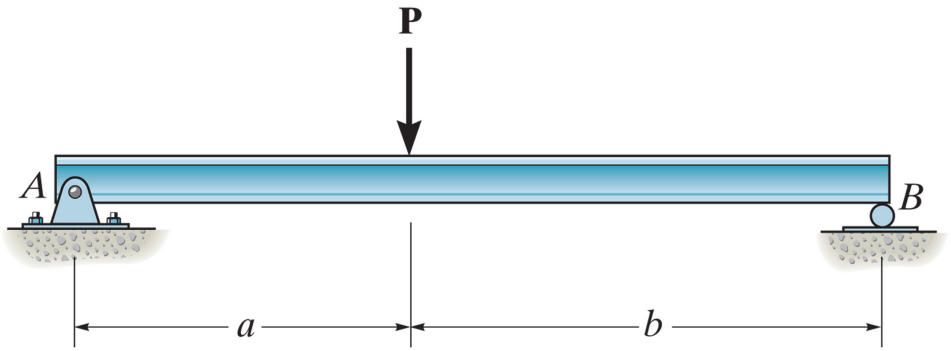
Announcements

- TAM210 last lecture: Friday, Nov. 3rd
- TAM210 Final: 1 hour 50 minutes exam
  - Location: CBTF
  - Thursday, Nov. 9th through Sunday, Nov. 12th

❑ Upcoming deadlines:

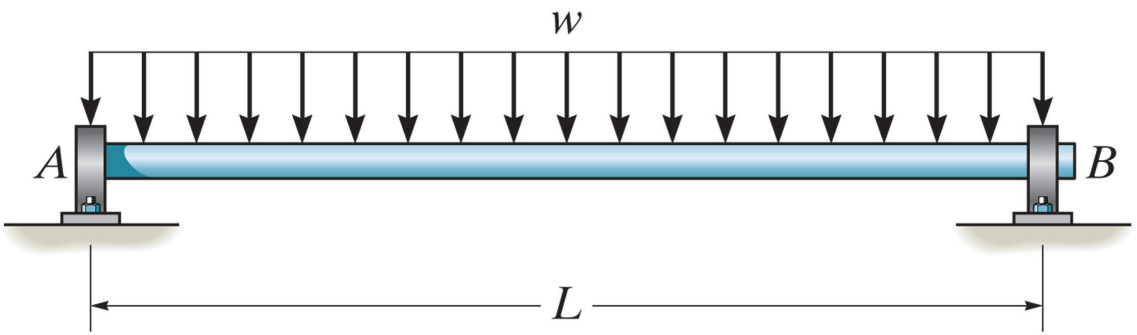
- Tuesday (10/24)
  - PL HW16
- Thursday (10/26)
  - ME HW17

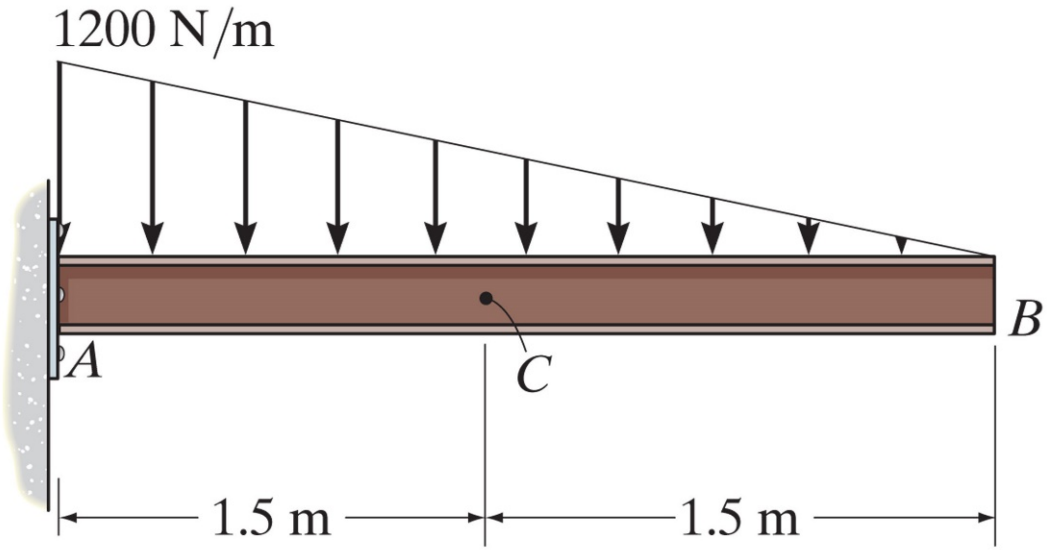
Recap: Sear and Moment Diagram



Shear and Moment Diagram

Draw the shear and moment diagrams for the beam.

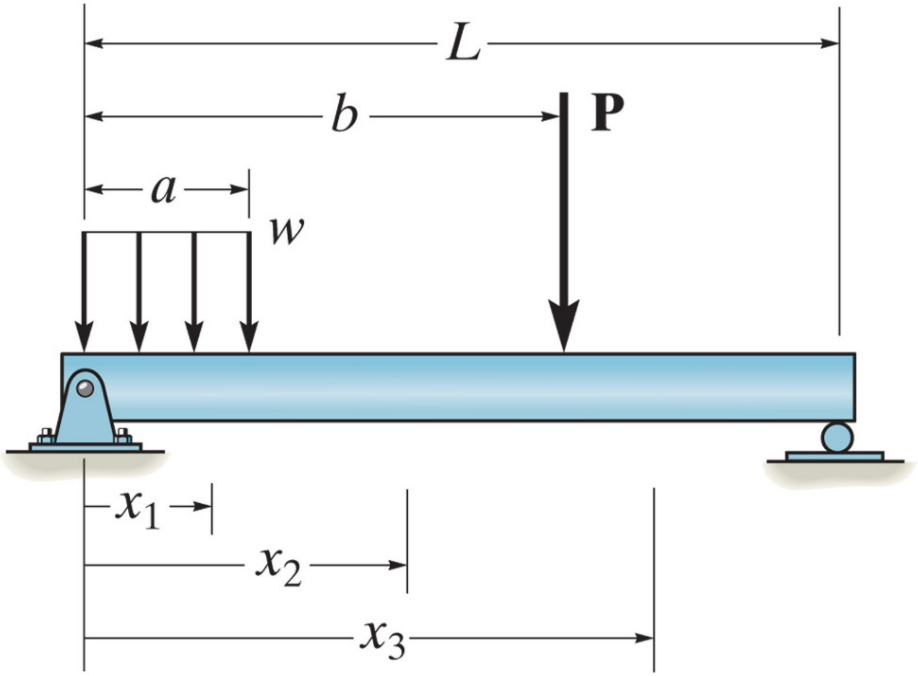




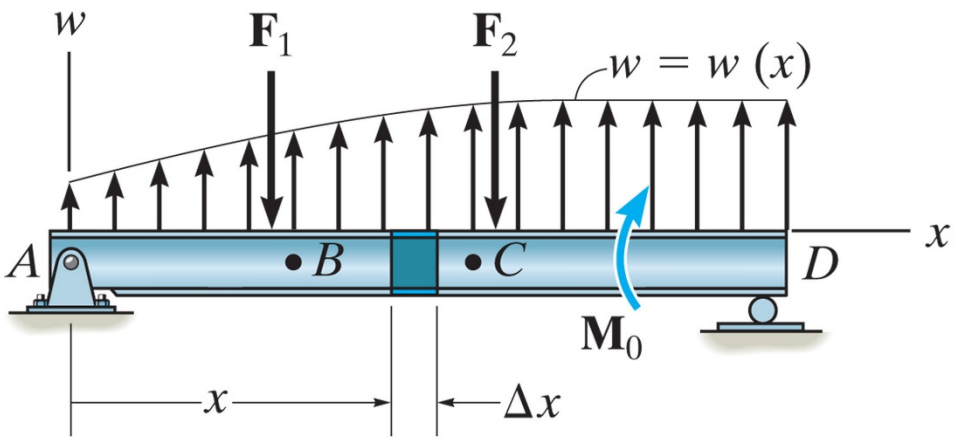
Draw the shear and moment diagrams for the cantilever beam.

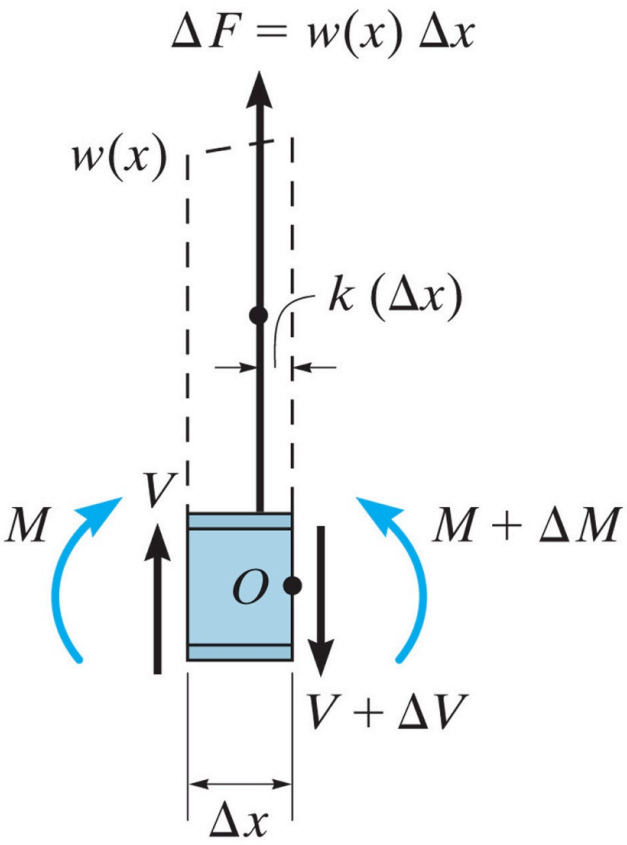
Shear and Moment Diagram

Draw the shear and moment diagrams for the beam.



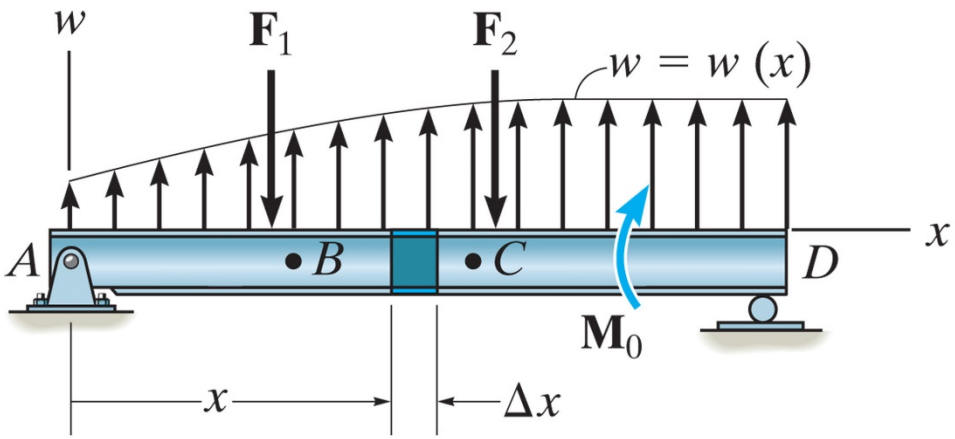
Relations Among Load, Shear and Bending Moments

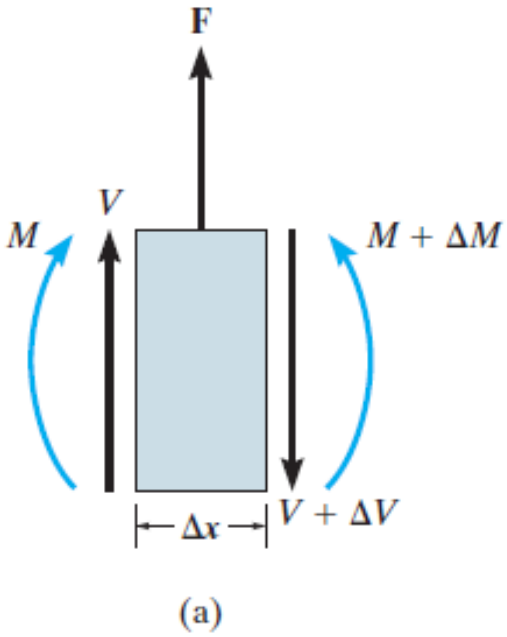




Wherever there is an distributed force, the shear force function is:

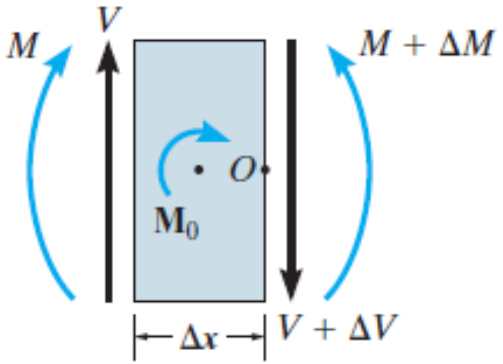
Relations Among Load, Shear and Bending Moments





(a)

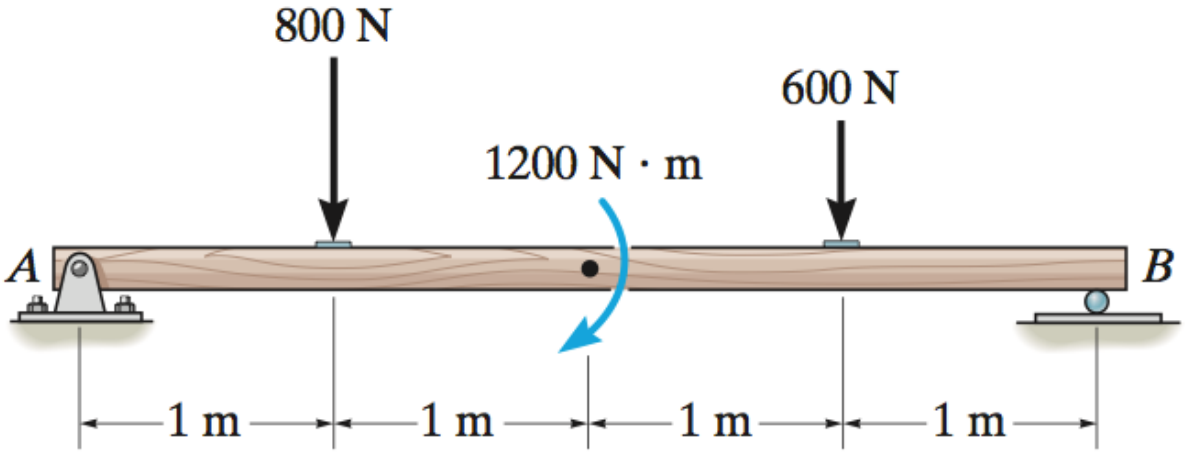
Wherever there is an external concentrated force, or a concentrated moment, there will be a change (jump) in shear or moment respectively.



(b)

Example

Draw the shear and moment diagrams for the beam.



Example

Draw the shear and moment diagrams for the beam.