

Announcements

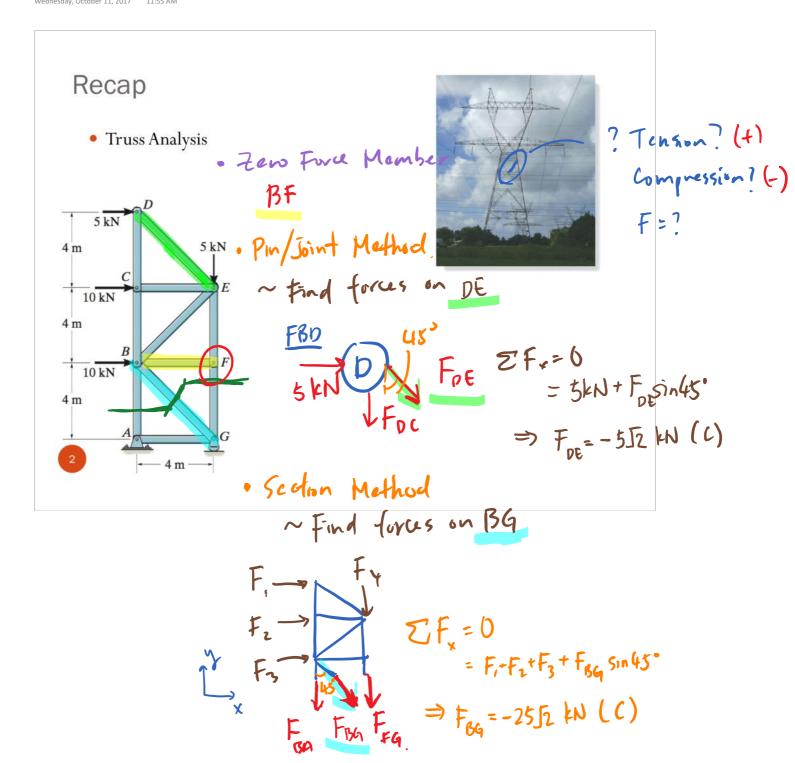
- CBTF Quiz 4 next week (10/17-20)
- Go to your discussion sessions

☐ Upcoming deadlines:

- Thursday (10/12)
 - ME HW13
- Friday (10/13)
 - WA #2



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Frames and machines

Frames and machines are two common types of structures that have at least one multi-force member (Recall that trusses have nothing

but two-force members).





Frames are generally stationary and used to support various external loads.

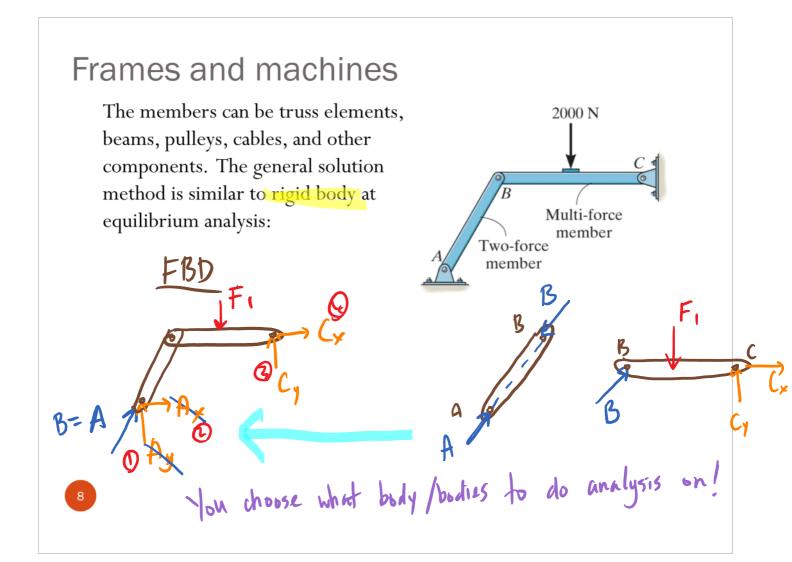
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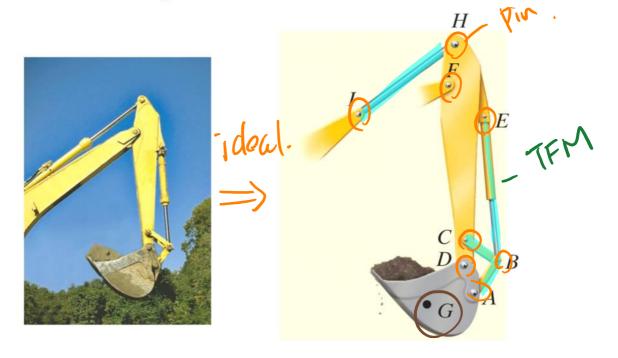




Machines contain moving parts and are designed to alter the effect of forces.



Draw the FBD of the members of the backhoe. The bucket and its contents have a weight W.



Example: Find forces on HFCD at H.

