Announcements

• Extra credit opportunity at CBTF this week
• This is the last week of lecture and discussions for TAM 210
  • Next week’s discussion will go over friction. TAM 210 students are encouraged to attend but not required for attendance
• Written Exam next Thursday (11/8)

Upcoming deadlines:
• Friday (11/2)
  • PL HW
Written Exam

Thursday, November 8, 7:00–8:50pm

- Both TAM 210 and 211 students are required to take it for grade.
- Bring student ID card.
- Arrive early – we will start on time!
- DRES accommodations must be made with DRES office before Monday (11/5), schedule the exam for Thursday (11/8).
- Conflict exam must be scheduled with the staff team via online excused absence form before Monday (11/5).
- Room assignment:
  - AL1 (12pm lecture), last name A-L: 100 Noyes Lab
  - AL1 (12pm lecture), last name M-Z: 2079 Natural History Building
  - AL2 (1pm lecture), last name A-L: 141 Loomis Lab
  - AL2 (1pm lecture), last name M-Z: 151 Loomis Lab
Example
The wheels of the 50-kN mine cart are locked, will then force applied be able to move the cart (the coefficient of static friction between the wheel and the track is $\mu_s = 0.4$)
Given: Fridge weight = 250 lb and $\mu_s = 0.4$

Find: The maximum horizontal force $P$ that can be applied at without causing movement of the crate.