EECS 127/227A: Optimization Models In Engineering

Discussion 0
Laura Hallock & Vignesh Subramanian
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About Us: Laura Hallock

- 5th year PhD student (EECS) with Ruzena Bajcsy
- S.B. EECS ’15 (MIT)
- Work on **human musculoskeletal modeling** for exoskeletons and assistive robots
- Former head GSI for **EECS 106A (Introduction to Robotics)**
- Took this class — and 227B — 4 (!) years ago
- Hobbies: martial arts/self defense, computational origami, hiking, climbing, skating
About Us: Vignesh Subramanian

- 3rd year PhD student (EECS) with Anant Sahai
- Research Interests: application of **machine learning** to **wireless communication, control**
- Content/discussion GSI for this same course (127) in Spring 2019
- Worked as a **quantitative finance researcher** (2 years)
- Undergraduate from IIT Bombay in EE (2015)
- Likes: hiking, cooking, visiting places to admire nature, badminton, frisbee
Contact Us

Email: laura.the.gsi@gmail.com
Homework Party: TBD
Website: https://people.eecs.berkeley.edu/~lhallock/

Email: vignesh.subramanian@berkeley.edu
Homework Party: Wednesdays 2-3pm, Woz
Website: https://people.eecs.berkeley.edu/~vignesh.subramanian/
What about you?
Reminder:
This discussion is about *you*. We’re here to help you learn.
Today: Intros & Linear Algebra (Review)

1. Introduce ourselves
2. Some toy problems from our experience
3. Discussion handout questions
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→ If today is boring, you’re well prepared!
→ If today is challenging, you have review to do!
Toy Problem 1: How do humans perform (physical) tasks?
Toy Problem 2: How should I allocate my financial assets?
Any final logistical questions?

**Sidenote**: Stick around after class if you need homework partners!