

PHYS 2130: The Team

Lectures:

Andreas Becker: Lectures in weeks 1-10, up to Spring Break
(mostly fundamentals of quantum mechanics)

Noah Finkelstein: Lectures in weeks 11-15
(mostly applications of quantum mechanics)

Graduate TAs/Graders:

Jessica Hoy (Lead TA)

Ananda Das (Grader)

Undergraduate Learning Assistants:

Aidan Bohenic

Omkar Ramachandran

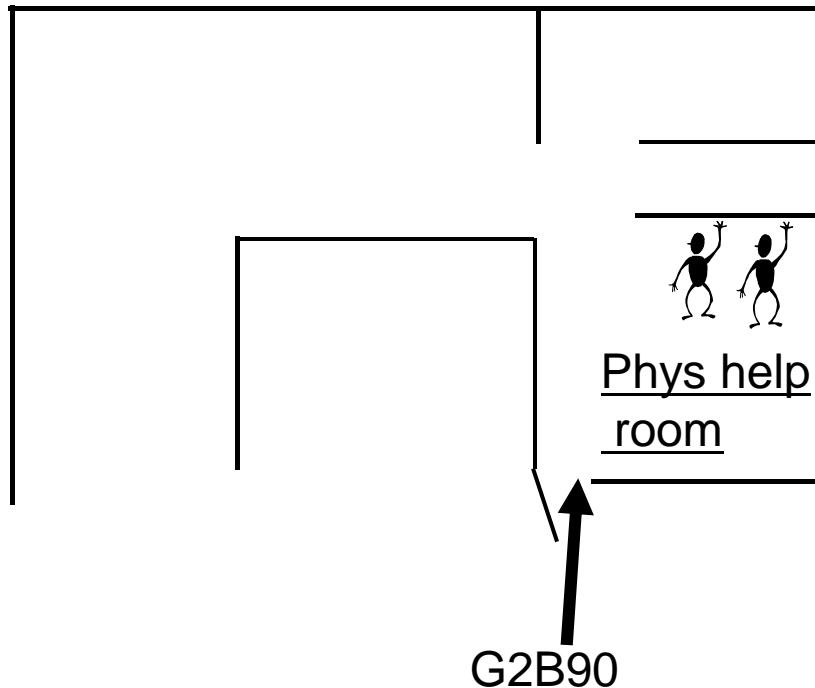
Marcus Schmidt

Team is here to help

Problem solving sessions:

Best education is one-on-one examination of thinking with feedback.

Main learning time!



Regular Weekly Hours:
(start next week)

Mo: 11-12 (after class)

Tues: 2-5

Wed: 11-12 (after class)
2-5

Thurs: 2-5

Homework is *hard*, but ok. You will learn a lot when working together. We coach, help you to interact – but will **not** *give or check answers*

In Classical Mechanics, can the following equation be derived?

$$\vec{F}_{net} = \frac{d\vec{p}}{dt} = m \frac{d\vec{v}}{dt}$$

A) Yes

B) No

Newton's three laws are so-called postulates. They cannot be derived from other parts of physics or more fundamental laws. We accept them since they were tested in many experiments and real-world situations.

Quotes about Quantum Mechanics

Quantum mechanics is the greatest accomplishment of human race – Carl Wieman

For those who are not shocked when they first come across quantum theory cannot possibly have understood it – Niels Bohr

I think I can safely say that nobody understands quantum mechanics – Richard Feynman

I don't like it, and I'm sorry I ever had anything to do with it – Erwin Schrödinger