General information for MATH 54

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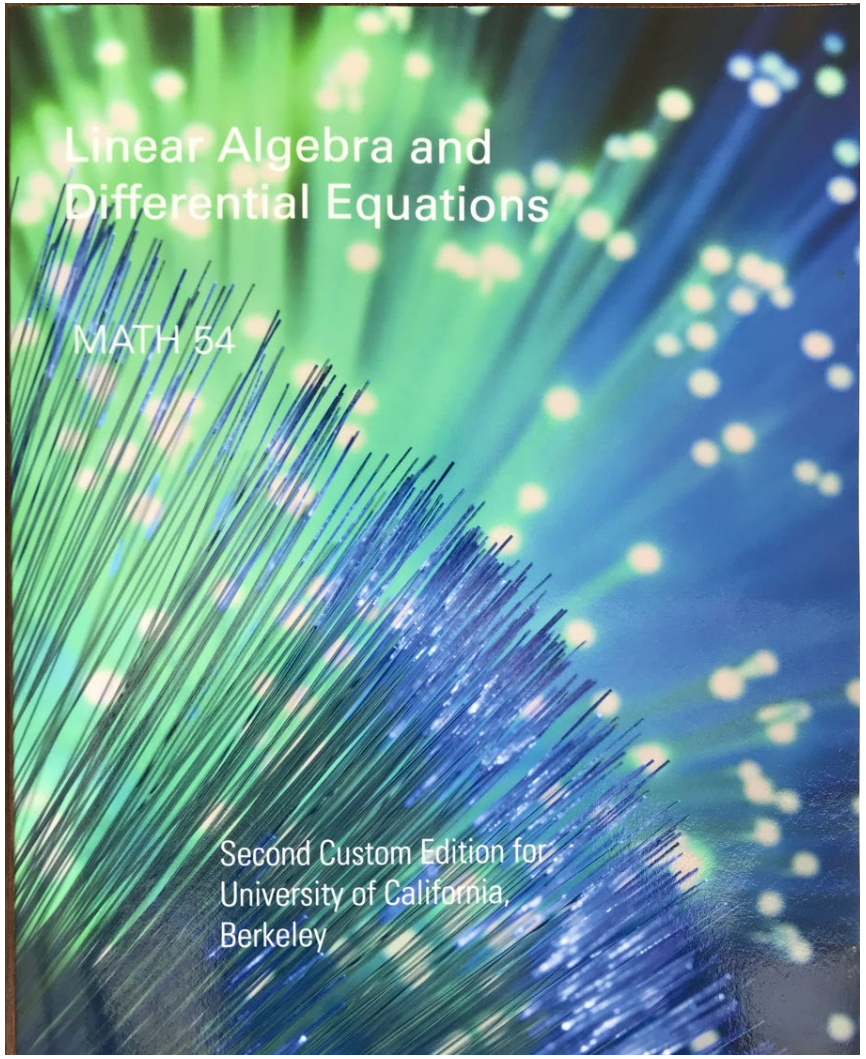
https://math.berkeley.edu/~linlin/

Course website:

https://lin-lin.github.io/MATH54/



Two parts: Lay, Linear Algebra
Nagle-Saaf-Snider (NS&S), differential equation

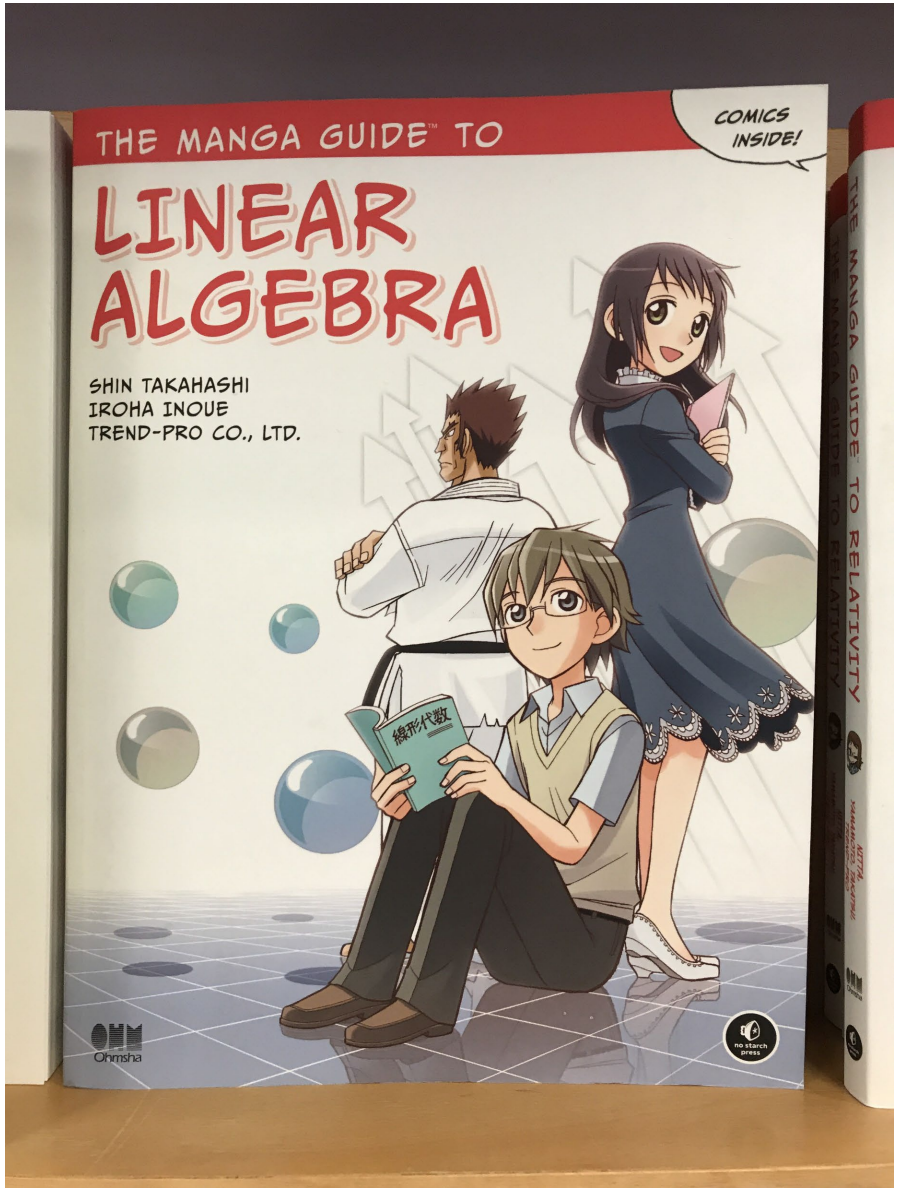
Alternative textbooks:

5th and 6th (new to this custom version) editions of Lay, Lay, & McDonald's Linear Algebra and Its Applications

9th edition of Nagle, Saff and Snider's Fundamentals of Differential Equations

Previous versions of the custom edition, or the separate textbooks as above ***may work, but it is your responsibility to make sure that you are doing the correct problem sets for your homework.***

Not a valid alternative textbook: an example



Read the course policy very carefully.

Late submission = no credit.

No make-up exams.

DSP requests need to be made ASAP.

For administrative questions (*not covered* in the course policy):
email the Lead GSI first: Jiahao Yao jiahaoyao@berkeley.edu

Why take Math 54?

abstract thinking

It is easy! linear

It is powerful!

Solve linear equations.

eigenvalues / eigenvectors

differential equations

It is trendy!

You will need materials taught in 54 in

- Physics
- Chemistry
- Electrical engineering
- Computer science
- Materials science
- Mechanical engineering
- Civil engineering
- Aerospace engineering
- Robotics
- Economics
- Finance
- Deep learning
- Quantum computing
- … or pretty much everywhere!