

Linear Algebra: Introduction to the course

Mitaxi Mehta: Lecture 1

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- These notes only provide the highlights and can not replace the lectures. I do hope to write a more detailed book someday.

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- The reason that I am a teacher and not something else is that I like this profession. Working with you is refreshing.
- Every class we shall have a check-in with the high and low emotions that people want to share. 4 chits will be read in every class.
- Why music? It relaxes and puts you in a playful state. It is one of the best states for learning.

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- The information I need to know is, math confidence, language comfort, interest in team work, interest in interpersonal skills, usage perception, learning preferences.
- Questions are welcome and appreciated. One questioner usually helps a number of other students and helps break the monotony of the class.

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- You can come and go from the class as needed, please don't disturb the class while moving.

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- Please follow the lecture notes, which will be published regularly online.
- I intend to have regular quizzes and one midterm and one final exam. Quizzes will be mostly unannounced, there may be two (or 3 quizzes) on consecutive days and there may not be any quiz for a month.

- Why? Because life treats you that way, difficulties come unannounced and you treat them as per your preparedness.

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- In life you are sometime free to seek help and sometimes you need to work alone. I shall let you seek help in quizzes but all communication should be done in a written format, no talking during the quizzes.

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- if LHS is a matrix RHS also should be a matrix, if LHS is a vector, RHS should also be a vector.
- Whatever operations you do on the LHS, usually the same operation is done on the RHS

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- Thanks for your questions and interactions, that is what makes any class meaningful.