Course Name  Linear algebra 1
Course Number  201.1.1211
Course web page  https://www.math.bgu.ac.il/en/teaching/fall2022/courses/linear-algebra-1
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Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Abstract

Requirements and grading

Course topics

- Complex numbers. Fields: definition and properties. Examples.
- Systems of Linear equations. Gauss elimination process.
- Matrices and operations on them. Invertible matrices.
- Vector spaces and subspaces. Linear spanning and linear dependence. Basis and dimension. Coordinates with respect to a given basis.
- The space of linear transformations between two vector spaces. Dual space

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Information may change during the first two weeks of the term. Please consult the webpage for updates