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and analyse ara number of widely used constructive methods (algorithms) for various problems involving matrices. Numerical Methods for solving linear systems of equations, Page 25/49

computing cebra eigenvalues and singular values and various related problems involving matrices are the main focus of this course.

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Linear Algebra:

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algebra,
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mathematics bIt is a subfield of numerical analysis, and a type of linear algebra. Computers use floating-point arithmetic and cannot exactly represent ...

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considered in a this area: Numerically solving a system of linear equations.; Numerically solving an eigenvalue problem for a given matrix.; Computing approximate values of a Page 47/49

matrix-valuedra function.

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