Linear algebra 152 (MAT 152)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	8.00
Prerequisites	MPR 193 and MPR 194
Contact time	2 lectures per week, 1 discussion class per week
Language of tuition	English
Academic organisation	Mathematics and Applied Maths
Period of presentation	Semester 2

Module content

Geometry of the two and three-dimensional Euclidean spaces: Vectors, dot and cross products, lines and planes. Euclidean m-spaces, systems of linear equations, row reduction of linear systems, linear dependence and independence, subspaces, basis and dimension. Matrices: Operations on matrices, matrix equations and inverses, determinants, Cramer's rule, rank of a matrix

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