

BAI0179_00, BAI0179_01 (english)
Linear algebra
examination

Tematika Vector spaces, subspaces, basis, dimension. Factor spaces, direct sum. Linear transformations, their matrices. Rank and nullity of a matrix. Determinant. System of linear equations, Gauss elimination. Definition of eigenvalue and eigenvectors. Characteristic polynomials, eigenspace, diagonalization. Euclidean space, linear transformations in Euclidean spaces.

Az érdemjegy kialakításának módja: Offered grade based on the two test written during the semester. Otherwise exam in the exam period. Levels: 30%, 50%, 70%, 90%.