

University of Pretoria Yearbook 2016

Linear algebra 221 (WTW 221)

Qualification Undergraduate

Faculty Faculty of Natural and Agricultural Sciences

Module credits 12.00

Programmes BCom Statistics

BSc(Computer Science) Computer Science

BA Music Music

BSc Actuarial and Financial Mathematics

BSc Applied Mathematics

BSc Chemistry

BSc Environmental and Engineering Geology

BSc Environmental Sciences

BSc Geography

BSc Geoinformatics

BSc Geology

BSc Mathematical Statistics

BSc Mathematics

BSc Meteorology

BSc Physics

Service modules Faculty of Education

Faculty of Economic and Management Sciences

Prerequisites WTW 211

Contact time 1 tutorial per week, 2 lectures per week

Language of tuition Both Afr and Eng

Academic organisation Mathematics and Applied Maths

Period of presentation Semester 2

Module content

Abstract vector spaces, change of basis, matrix representation of linear transformations, orthogonality, diagonalisability of symmetric matrices, some applications.



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