



University of Pretoria Yearbook 2016

Geometry 389 (WTW 389)

Qualification Undergraduate

Faculty Faculty of Natural and Agricultural Sciences

Module credits 18.00

Programmes BEd Senior Phase and Further Education and Training Teaching

BSc Information Technology Information and Knowledge Systems

BSc(Computer Science) Computer Science

BA Music Music

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 Engineering, Built Environment and Information Technology

Faculty of Education

Faculty of Humanities

Prerequisites WTW 211

Contact time 2 lectures per week, 1 tutorial per week

Language of tuition Double Medium

Academic organisation Mathematics and Applied Maths

Period of presentation Semester 2

Module content

Axiomatic development of neutral, Euclidean and hyperbolic geometry. Using models of geometries to show that the parallel postulate is independent of the other postulates of Euclid.



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