



University of Pretoria Yearbook 2016

Quantum mechanics (I) 713 (FSK 713)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 15.00

Programmes [BScHons Medical Physics](#)

Prerequisites No prerequisites.

Contact time 4 lectures per week

Language of tuition Both Afr and Eng

Academic organisation Physics

Period of presentation Semester 1

Module content

Measurement process, General indefinite relations, Harmonic oscillator, symmetry, invariants and conservation laws, angular momentum, spin, perturbation theory, Schrödinger-Heisenberg and interaction pictures

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