



University of Pretoria Yearbook 2017

Group theory 716 (PHY 716)

Qualification Postgraduate

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

Module credits 10.00

Prerequisites No prerequisites.

Contact time 4 lectures per week

Language of tuition Module is presented in English

Academic organisation Physics

Period of presentation Semester 1

Module content

Introduction to group theory needed in physics. Thirty-two crystallographic point groups; selected groups; full rotation groups; applications such as classification of spectral terms; selection rules; Clebs-Gordon coefficients.

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