
University of Pretoria Yearbook 2017

Solid state physics 711 (PHY 711)

Qualification Postgraduate

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

Module credits 15.00

Prerequisites No prerequisites.

Contact time 6 lectures per week

Language of tuition Module is presented in English

Academic organisation Physics

Period of presentation Semester 1

Module content

Electronic band structure, vibration properties of solids, electronic properties of defects, electric transport, optical properties, quantum confinement.

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