

Lectures proposed by the Board of the Faculty of Mathematics

MATHEMATICAL TRIPOS

Lectures proposed by the Board of the Faculty of Mathematics. Graduates of the University who are not reading for any University Examination may attend without payment any lectures proposed by the Faculty Board of Mathematics.

PART IA

Part IA students are recommended to attend the induction session which will be held from 9.30 a.m. to 10.30 a.m. on Wednesday 5 October 2016, in the *Babbage Lecture Theatre*.

A meeting will be held for all Part IA students on Friday 5 May 2017 at 2.00 p.m. in the *Babbage Lecture Theatre* to discuss examinations and examination techniques.

MICHAELMAS 2016

Numbers and Sets

DR P. A. RUSSELL

M. W. F. 10, *Cockcroft Lecture Theatre***Vectors and Matrices**

PROF. N. PEAKE

M. W. F. 11, *Cockcroft Lecture Theatre***Differential Equations**

PROF. C. P. CAULFIELD

Tu. Th. 10, *Cockcroft Lecture Theatre*S. 10, *Cockcroft Lecture Theatre***Groups**

DR J. GOEDECKE

Tu. Th. 11, *Cockcroft Lecture Theatre*S. 11, *Cockcroft Lecture Theatre*

LENT 2017

Vector Calculus

PROF. R. JOZSA

M. W. F. 10, *Cockcroft Lecture Theatre***Analysis I**

DR A. ZSÁK

M. W. F. 11, *Cockcroft Lecture Theatre***Probability**

PROF. J. R. NORRIS

Tu. Th. S. 10, *Cockcroft Lecture Theatre***Dynamics and Relativity**

PROF. G. I. OGILVIE

Tu. Th. S. 11, *Cockcroft Lecture Theatre*

EASTER 2017

Optimisation*

DR M. R. TEHRANCHI

M. W. F. 10, *Mill Lane Room 3* (Twelve lectures)**Metric and Topological Spaces***

PROF. P. M. H. WILSON

M. W. F. 11, *Mill Lane Room 3* (Twelve lectures)**Variational Principles***

PROF. P. K. TOWNSEND

M. W. F. 12, *Mill Lane Room 3* (Twelve lectures)**Computational Projects***

DR M. B. WINGATE

Tu. Th. 10, *Cockcroft Lecture Theatre* (Eight lectures)

Information for non-examinable courses and the Mathematics with Physics option appears below on the next page.

The following courses are non-examinable

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Introduction to Mechanics

DR P. O'DONNELL

Tu. Th. 12, *Cockcroft Lecture Theatre***History of Mathematics**

DR P. BURSILL-HALL

W. F. 4, *Centre for Mathematical Sciences, MR3***History of Science for Mathmos**

DR P. BURSILL-HALL

Th. 4, *Centre for Mathematical Sciences, MR3***History of Mathematics**

DR P. BURSILL-HALL

W. F. 4, *Centre for Mathematical Sciences, MR3***History of Science for Mathmos**

DR P. BURSILL-HALL

Th. 4, *Centre for Mathematical Sciences, MR3***Concepts in Theoretical Physics**

PROF. J. D. BARROW

Tu. Th. 11, *Cockcroft Lecture Theatre*

* Examined in Part IB of the Tripos

Mathematics with Physics Option:

Students taking this option should attend Vectors and Matrices, Groups, Differential Equations, Analysis I, Vector Calculus and Probability from Part IA of the Mathematical Tripos, together with the lectures listed at

<http://www.timetable.cam.ac.uk/#tripos/nst/IA/phy>

in Part IA Physics of the Natural Sciences Tripos. They will be required to do Physics practical work, and should attend at least the first lecture of the Scientific Computing Course. An Introductory talk will be held at 11.00 am on Wednesday 5 October 2016 in the Pippard Lecture Theatre.