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

LEN'T 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
Introduction to Mechanics
DR P. ODONNELL
Tu. Th. 12, Cockcroft Lecture Theatre

History of Mathematics
DR P. BURSILL-HALL
W. F. 4, Centre for Mathematical Sciences, MR3

Concepts in Theoretical Physics
PROF. J. D. BARROW
Tu. Th. 11, 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

* 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.