

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 9.15 a.m. to 10.15 a.m. on Wednesday 4 October 2017, in the *Cockcroft Lecture Theatre*.

A meeting will be held for all Part IA students on Friday 4 May 2018 at 2.00 p.m. in the *Cockcroft Lecture Theatre* to discuss examinations and examination techniques.

For a personalised version of the timetable, which you can import into your own electronic calendar, please see <http://www.timetable.cam.ac.uk>.

MICHAELMAS 2017

Numbers and Sets

PROF. A. G. THOMASON

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

PROF. N. PEAKE

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

DR J. R. TAYLOR

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

DR S. J. WADSLEY

Tu. Th. S. 12, *Cockcroft Lecture Theatre*

LENT 2018

Vector Calculus

DR A. ASHTON

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

DR A. ZSÁK

M. W. F. 11, *Cockcroft Lecture Theatre***Dynamics and Relativity**

PROF. P. H. HAYNES

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

DR P. SOUSI

Tu. Th. S. 12, *Cockcroft Lecture Theatre*

EASTER 2018

Metric and Topological Spaces*

PROF. P. M. H. WILSON

M. W. F. 10, *Mill Lane Room 3* (Twelve lectures)**Variational Principles***

PROF. P. K. TOWNSEND

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

On Wednesday 23rd May, the lecture will be at 9am in Mill Lane Room 3

Optimisation*

DR Q. BERTHET

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

On Friday 11th May, the lecture will be at 9am in Mill Lane Room 3

Computational Projects*

DR R. JACK

Tu. Th. 12, *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. J. O'DONNELL
M. W. 12, *Hopkinson Lecture Theatre* (Ten lectures)

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*

The following courses are non-examinable

History of Mathematics

DR P. BURSILL-HALL
W. F. 4, *Centre for Mathematical Sciences, MR4*

History of Science for Mathmos

DR P. BURSILL-HALL
Th. 4, *Centre for Mathematical Sciences, MR4*

The following courses are non-examinable

Concepts in Theoretical Physics

PROF. J. D. BARROW
Tu. Th. 11, *Cockcroft Lecture Theatre* (Eight lectures)

* 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/> 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 4 October 2017 in the Pippard Lecture Theatre.