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.

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**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](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)

- **Optimisation**
  - DR Q. BERTHET
  - M. W. F. 12, *Mill Lane Room 3* (Twelve lectures)

- **Computation 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, MR4

**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 (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/](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.