

MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Hilary Term 2007

There may be late changes and amendments to this Lecture List. For an up-to-date version, please check the Mathematical Institute Website: <http://www.maths.ox.ac.uk/notices/lecture-lists>

This version updated 4 December 2006

Events shown on this list are generally one hour long unless stated otherwise.

<i>Subject</i>	<i>Lecturer</i>	<i>Time</i>	<i>Place(Period*)</i>
GRADUATE SEMINARS			
Algebra	Dr M J Collins and Prof D Segal	T.5	Mathematical Institute, L1
Algebraic Geometry	Prof Kirwan and Dr Szendroi	T.2.15 – 3.30	Mathematical Institute, SR2
Analysis of Informatic Phenomena	Dr Coecke	F.2	Computing Laboratory
Analytic Topology in Mathematics and Computer Science	Prof Abramsky, Dr P J Collins, Dr Knight, Prof Priestley and Prof Roscoe	W.4-5.30	Mathematical Institute, L3
Applied Analysis	Prof Ball, Dr Kirchheim and Dr Kristensen	M.5	Mathematical Institute, L1
Applied Dynamical Systems	Dr Moroz	T.11-12.30	Mathematical Institute, DHSR3
Combinatorial Theory	Prof McDiarmid and Prof Scott	T. 2.30 – 3.45 [L3], T. 4.30 [New Higman Room]	Mathematical Institute, L3, New Higman Room
Computational Mathematics and Applications	Prof Trefethen and Dr J Scott (RAL)	Th.2	Computing Laboratory
Computing Laboratory Seminar	Dr Baltag	T.4.30	Computing Laboratory
Differential Equations and Applications	Dr Howison, Dr J Ockendon and Prof Chapman	Th.4.30 (<i>DH Common Room, wks 2, 8, DHSR1 other weeks</i>)	Mathematical Institute, DHSR1, DH Common Room
Functional Analysis	Prof Batty	T.5	Mathematical Institute, L3
Geometry and Analysis	Prof Hitchin	M.2.15	Mathematical Institute, L3
Geophysical Fluids and Nonlinear Dynamics	Prof Read and Dr Moroz	T.4.30 (<i>wks 1,3,5,7</i>)	Atmospheric Physics, Dobson Room
Graphical Models	Prof Lauritzen	F.4	Statistics Department
Homological Mirror Symmetry	Prof Joyce	T.3.45 - 5	Mathematical Institute, L3

Junior Applied Mathematics	Miss Carter and Miss Pitcher	F. 4.30 (<i>weeks 2,4,6,8</i>)	Mathematical Institute, DHSR3
Junior Number Theory	Prof Heath-Brown	M.4	Mathematical Institute, SR1
Junior Geometry Seminar	Mr Shah	Th.12	Mathematical Institute, SR1
Logic	Prof Wilkie	F.3.15	Mathematical Institute, L3
Mathematical Biology	Prof Maini, Dr Tindall and Dr Baker	F.2-3.15 (<i>wks 1, 3, 5, 7</i>)	Mathematical Institute, L3
Mathematical Finance	Dr Challet and Dr Danilova	F.2.15 (<i>wks 2,4,6,8</i>)	Mathematical Institute, DHSR1
Mathematical Genetics and Bioinformatics	Dr Falush	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Fowler & Dr Norbury	F.2.30 (<i>wks 2,4,6,8</i>)	Mathematical Institute, DHSR3
Mathematical Physics Journal Club	Prof Mason	W.12	Mathematical Institute, F20
Number Theory	Prof Heath-Brown	Th.4	Mathematical Institute, L3
Quantum Field Theory	Dr Hannabuss and Dr Tsou	T.12	Mathematical Institute, L3
Relativity	Prof Mason	T.12	Mathematical Institute, L3
Representation Theory	Dr Erdmann and Dr Henke	Th.2.30	Mathematical Institute, L3
Statistics, Applied Probability and Operational Research	Prof Reinert	Th.2.15 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics Graduate Seminar	Prof Reinert and Prof Sir David Cox	Th.3.45 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics General Seminar	Prof Reinert	Th.4 (<i>weeks 2,8</i>)	Statistics Department
Statistics Graduate Student Presentations	Dr Clifford	Th. 2.15 (<i>week 7</i>)	Statistics Department
Stochastic Analysis	Prof Lyons	M.2.15-3.45, 3.45-5.00	Mathematical Institute, DHSR3
String Theory	Prof Candelas and Dr de la Ossa	M.12	Mathematical Institute, L3
Topology	Prof Tillmann and Prof Lackenby	M.3.45	Mathematical Institute, L3
GRADUATE WORKSHOPS			
Stochastic Analysis		T.11	Mathematical Institute, F19
WORKSHOPS			
Industrial and Interdisciplinary Workshops	Dr Breward	F.10-1 (<i>exact times vary</i>)	Mathematical Institute, DHSR3

ADVANCED CLASSES			
Algebra	Prof du Sautoy and Prof D Segal	T.3-4.30	Mathematical Institute, SR1
Logic	Prof Zilber	Th.11	Mathematical Institute, SR1
Representation Theory	Dr Erdmann and Dr Henke	W.5	Mathematical Institute, SR1
GRADUATE LECTURES			
Words	Prof D Segal	W. 2-4	Mathematical Institute, SR1
Twistor Theory	Prof Mason	Th. 11	Mathematical Institute, SR2
String Theory	Prof Candelas	M.W.9	Fisher Room, Denis Wilkinson Building
Calabi-Yau Manifolds and Mirror Symmetry	Dr de la Ossa	M.10[L3], T.10[SR1] <i>(wks 1-4, 6-8)</i>	Mathematical Institute, L3/SR1
An Introduction to Higgs Bundles	Prof Hitchin	Th.9, F.11 <i>(wks 2-8)</i>	Mathematical Institute, L3
Computations with Modular Forms	Dr Kilford	T.11, Th.10	Mathematical Institute, SR2
Scientific Computing for DPhil Students	Prof Trefethen	M.W.12	Computing Laboratory
Hall Algebras	Prof Rouquier	F. 2-4	Mathematical Institute, L2
M.Sc. AND DIPLOMA IN APPLIED STATISTICS			
Time Series	Dr Laws	M.12, T.9 <i>(wks 1-4)</i>	Statistics Department
Further Statistical Methods	Prof Lauritzen	T.10 <i>(wks 1, 3, 4, 6)</i> , Th.11 <i>(wks 1-6)</i>	Statistics Department
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING			
Finite Element Methods for Partial Differential Equations	Prof Süli	M.Th.9	Computing Laboratory
Numerical Solution of Differential Equations II	Dr Sobey	W.9, F.2	Computing Laboratory
Continuous Optimization	Prof Gould	M.11, W.2	Computing Laboratory
Applied Partial Differential Equations	Dr Norbury	W.12, Th.5	Mathematical Institute, L1
Elementary Financial Derivatives	Dr Hambly	M.12[L2], T.12[L1]	Mathematical Institute, L1/L2

Waves and Compressible Flow	Dr Howell	W.4, Th.3	Mathematical Institute, L1
Nonlinear Systems	Dr Moroz	T.2, W.11	Mathematical Institute, L1
Elasticity and Plasticity	Dr J Ockendon	W.10 [L1], Th.2 [L2]	Mathematical Institute, L1, L2
Applied Complex Variables	Dr J Ockendon and Dr Howison	M.4, Th.10	Mathematical Institute, L1
Mathematical Physiology	Prof Maini	M.T.3	Mathematical Institute, L1
Applied Partial Differential Equations Supplementary Lectures	Dr Howison	T.11	Mathematical Institute, L3
Case Studies in Mathematical Modelling	Dr H Ockendon	Th.11-1	Mathematical Institute, DHSR1
Case Studies in Scientific Computing	Dr K Gillow	F.12	Computing Laboratory
M.Sc IN COMPUTER SCIENCE			
<i>Schedule A</i>			
Object Oriented Programming II	Mr Sufrin	W.F.10	Computing Laboratory
Programming Languages	Prof de Moor	M.9, Th.11	Computing Laboratory
<i>Schedule B</i>			
Automata, Logic and Games	Prof Ong	M.4, W.3	Computing Laboratory
Computational Linguistics	Prof Pulman	M.T.2	Computing Laboratory
Computer Security	Prof Roscoe	T.F.11	Computing Laboratory
Concurrent and Distributed Programming	Mr Sufrin	W.12, Th.10	Computing Laboratory
Domain Theory	Prof Abramsky	M.T.2	Computing Laboratory
Information Retrieval	Dr Clark	T.10, Th.9	Computing Laboratory
Intelligent Systems II	Dr Baltag	M.T.12	Computing Laboratory
Machine Learning	Dr Palade	M.10-12	Computing Laboratory
Object Oriented Design	Dr Lopez	T.9, W.11	Computing Laboratory
Quantum Computer Science	Dr Coecke	Th.12, F.9	Computing Laboratory
System Design and Refinement	Dr Walker	Th.11, F.2	Computing Laboratory
Theory of Data and Knowledge Bases	Prof Gottlob	M.T.3	Computing Laboratory

Requirements (week long course)	Mr Hinds	Week commencing 12.3.07	Computing Laboratory
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
<i>Schedule I</i>			
Algebraic Number Theory	Prof Heath-Brown	W.2, F.5	Mathematical Institute, L1
Axiomatic Set Theory	Prof Wilkie	T.12, W.5	Mathematical Institute, L2
Model Theory	Prof Zilber	W.9[L3], Th.4[L2]	Mathematical Institute, L2/L3
<i>Schedule II</i>			
Algebraic and Relational Methods for Propositional Logics	Prof Priestley	M.9, Th.9 (wk 1) M.9, T.10 (wks 2-8)	Mathematical Institute, L3
Domain Theory	Prof Abramsky	M.T.2	Computing Laboratory
Representation Theory of Symmetric Groups	Dr Henke	Th.11, F.12	Mathematical Institute, L3
Section B: Applicable Theories			
<i>Schedule I</i>			
Probabilistic Combinatorics	Dr Martin	Th.5, F.10	Mathematical Institute, L3
<i>Schedule II</i>			
Automata, Logic and Games	Prof Ong	M.4, W.3	Computing Laboratory
Elliptic Curves	Prof Flynn	M.5, W.12	Mathematical Institute, L3
Quantum Computer Science	Dr Coecke	Th.12, F.9	Computing Laboratory
Theory of Data and Knowledge Bases	Prof Gottlob	M.T.3	Computing Laboratory
MATHEMATICS			
Moderations			
A: Linear Algebra II	Dr Curnock	W.F. 12 (wks 1-4)	University Museum
A: Some Theory of Sets and Groups	Dr Scataglini-Belghitar	W.F. 12 (wks 5-8)	University Museum
B: Analysis II – Continuity and Differentiability	Dr Qian	M.W.11	University Museum
C: Probability II	Dr M Lunn	T.Th.11 (wks 1-4)	University Museum
C: Statistics	Prof Donnelly	T.Th.11 (wks 5-8)	University Museum
D: Fourier Series and Two Variable Calculus	Prof Chapman	M.T.12	University Museum

D: Partial Differential Equations in Two Dimensions and Applications	Dr Day	Th.12, F.11	University Museum
MAPLE Projects	Dr Wilkins	T.2 (<i>wk 1 only</i>)	University Museum
Part A			
Groups in Action	Dr M.Collins	W.Th.9 (<i>wks 1-4</i>)	Mathematical Institute, L2
Introduction to Fields	Dr M.Collins	W.Th.9 (<i>wks 5-8</i>)	Mathematical Institute, L2
Integration	Dr Vincent-Smith	T.2, W.11	Mathematical Institute, L2
Topology	Dr Sutherland	M.T.4	Mathematical Institute, L2
Calculus of Variations	Prof Maini	T.9, Th.11 (<i>wks 1-4</i>)	Mathematical Institute, L2
Classical Mechanics	Dr Chrsuciel	T.9, Th.11 (<i>wks 5-8</i>)	Mathematical Institute, L2
Fluid Dynamics and Waves	Dr Acheson	T.3, W.4	Mathematical Institute, L2
Probability	Dr Laws	M.T.10	Mathematical Institute, L2
Statistics	Dr AD Lunn	M.T.11	Mathematical Institute, L2
Numerical Analysis	Prof Gould	M.3, Th.10	Computing Laboratory
Part B			
B1: Set Theory	Dr Knight	Th.2, F.3	Mathematical Institute, L1
B2: Finite Groups and Characters	Dr Neumann	T.4, Th.9	Mathematical Institute, L1
B3: Algebraic Curves	Dr Dancer	Th.F.12	Mathematical Institute, L2
B4: Analysis II	Prof Joyce	W.5, F.4	Mathematical Institute, L1
B5: Applied Partial Differential Equations	Dr Norbury	W.12, Th.5	Mathematical Institute, L1
B6: Waves and Compressible Flow	Dr Howell	W.4, Th.3	Mathematical Institute, L1
B8: Nonlinear Systems	Dr Moroz	T.2, W.11	Mathematical Institute, L1
B9: Algebraic Number Theory	Prof Heath-Brown	W.2, F.5	Mathematical Institute, L1
B10: Mathematical Models of Financial Derivatives	Dr Hambly	M.12[L2], T.12[L1]	Mathematical Institute, L1/L2
C3.1: Algebraic Topology	Prof Tillmann	T.F.9	Mathematical Institute, L3
C7.1: Quantum Theory and Quantum Computers	Dr Hannabuss	M.T.11	Mathematical Institute, L1
C7.2: General Relativity	Dr Hodges	M.T.10	Mathematical Institute, L1

OBS1: Applied Statistics II	Dr Clifford	M.9, F.11 (<i>wks 1, 3, 4, 5, 6</i>)	Mathematical Institute, L1
OBS3: Statistical Lifetime-Models	Dr Winkel and Dr M Lunn	W.10 [L2], Th.11 [L1]	Mathematical Institute, L1/L2
OBS4: Actuarial Science II	Mr Clarke	W.3, Th.4	Mathematical Institute, L1
OCS1: Data Structures and Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
B21: Numerical Solution of Differential Equations II	Dr Sobey	W.9, F.2	Computing Laboratory
N101: History of Philosophy: Leibniz	Dr Walker	F.10	Exam Schools
N101: History of Philosophy: Hume	Dr Kail	M.10	Exam Schools
N102: Knowledge and Reality: Metaphysics	Dr Uzquiano	W.10 (<i>wks 1-5, 7, 8</i>) W.9 (<i>wk 5</i>)	Exam Schools
Part C			
C1.1: Model Theory	Prof Zilber	W.9[L3], Th.4[L2]	Mathematical Institute, L2/L3
C1.2: Axiomatic Set Theory	Prof Wilkie	T.12, W.5	Mathematical Institute, L2
C2.1: Representation Theory of Symmetric Groups	Dr Henke	Th.11, F.12	Mathematical Institute, L3
C3.1: Algebraic Topology	Prof Tillmann	T.F.9	Mathematical Institute, L3
C4.1: Banach and C* Algebras	Dr CM Edwards	M.12[L1], W.11[L3]	Mathematical Institute, L1/L3
C5.1: Calculus of Variations	Dr Crooks	T.4, W.3	Mathematical Institute, SR2
C6.2: Elasticity and Plasticity	Dr J Ockendon	W.10 [L1], Th.2 [L2]	Mathematical Institute, L1/L2
C6.3: Applied Complex Variables	Dr J Ockendon and Dr Howison	M.4, Th.10	Mathematical Institute, L1
C7.1: Quantum Theory and Quantum Computers	Dr Hannabuss	M.T.11	Mathematical Institute, L1
C7.2: General Relativity	Dr Hodges	M.T.10	Mathematical Institute, L1
C8.1: Mathematical Physiology	Prof Maini	M.T.3	Mathematical Institute, L1
C9.1: Elliptic Curves	Prof Flynn	M.5, W.12	Mathematical Institute, L3
C10.1: Brownian Motion in Complex Analysis	Prof Lyons	W.4, Th.3	Mathematical Institute, SR2
C11.1: Probabilistic Combinatorics	Dr Martin	Th.5, F.10	Mathematical Institute, L3
C12.1: Continuous Optimisation	Prof Gould	M.11, W.2	Computing Laboratory

C12.2 Finite Element Methods for Partial Differential Equations	Prof Süli	M.Th.9	Computing Laboratory
MS1: Statistical Data Mining	Dr Nicholls	M.2, W.9	Mathematical Institute, L1
MS2: Stochastic Models in Mathematical Genetics	Prof Griffiths and Prof Etheridge	T.12, F.11	Mathematical Institute, SR2
MS3: Lévy Processes and Finance	Dr Winkel	W.12, F.4	Mathematical Institute, SR1
CCS2: Domain Theory	Prof Abramsky	M.T.2	Computing Laboratory
CCS3: Quantum Computer Science	Dr Coecke	Th.12, F.9	Computing Laboratory
COMPUTER SCIENCE			
Moderations			
CS1: Data Structures and Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
CS2: Procedural Programming	Dr Spivey	M.W.10	Computing Laboratory
CS3: Logic and Proof	Dr Ouaknine	T.10, F.9	Computing Laboratory
Linear Algebra II	Dr Curnock	W.F.12 (<i>wks 1-4</i>)	University Museum
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
CS1: Data Structures and Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
CS2: Procedural Programming	Dr Spivey	M.W.10	Computing Laboratory
Linear Algebra II	Dr Curnock	W.F. 12 (<i>wks 1-4</i>)	University Museum
Some Theory of Sets and Groups	Dr Scataglini-Belghitar	W.F. 12 (<i>wks 5-8</i>)	University Museum
Analysis II – Continuity and Differentiability	Dr Qian	M.W.11	University Museum
COMPUTER SCIENCE, MATHEMATICS AND COMPUTER SCIENCE			
Part A			
CS4: Object Oriented Programming II	Mr Sufrin	W.F.10	Computing Laboratory
CS5: Networks and Operating Systems	Dr Jones	M.11, W.12	Computing Laboratory
Advanced Data Structures and Algorithms	Dr Worrell	T.3, F.12	Computing Laboratory
Formal Program Design II	Dr Lowe	M.T.10	Computing Laboratory

Programming Languages	Prof de Moor	M.9, Th.11	Computing Laboratory
Numerical Analysis	Prof Gould	M.3, Th.10	Computing Laboratory
[Mathematics and Computer Science: in addition, the lectures above for Mathematics Part A are applicable.]			
Part B			
Schedule B1			
Advanced Data Structures and Algorithms	Dr Worrell	T.3, F.12	Computing Laboratory
Formal Program Design II	Dr Lowe	M.T.10	Computing Laboratory
Programming Languages	Prof de Moor	M.9, Th.11	Computing Laboratory
Numerical Analysis	Prof Gould	M.3, Th.10	Computing Laboratory
Schedule B2			
Computer Security	Prof Roscoe	T.F.11	Computing Laboratory
Intelligent Systems II	Dr Baltag	M.T.12	Computing Laboratory
Numerical Solution of Differential Equations II	Dr Sobey	W.9, F.2	Computing Laboratory
Object Oriented Design	Dr Lopez	T.9, W.11	Computing Laboratory
Schedule B3			
B1: Set Theory	Dr Knight	Th.2, F.3	Mathematical Institute, L1
B2: Finite Groups and Characters	Dr Neumann	T.4, Th.9	Mathematical Institute, L1
B4: Analysis II	Prof Joyce	W.5, F.4	Mathematical Institute, L1
B5: Applied Partial Differential Equations	Dr Norbury	W.12, Th.5	Mathematical Institute, L1
B9: Algebraic Number Theory	Prof Heath-Brown	W.2, F.5	Mathematical Institute, L1
Schedule B4			
Automata, Logic and Games	Prof Ong	M.4, W.3	Computing Laboratory
Domain Theory	Prof Abramsky	M.T.2	Computing Laboratory
Schedule B4 [Mathematics and Computer Science only]			
Quantum Computer Science	Dr Coecke	Th.12, F.9	Computing Laboratory
MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A: Linear Algebra II	Dr Curnock	W.F. 12 (wks 1-4)	University Museum

A: Some Theory of Sets and Groups	Dr Scataglini-Belghitar	W.F. 12 (<i>wks 5-8</i>)	University Museum
B: Analysis II – Continuity and Differentiability	Dr Qian	M.W.11	University Museum
Philosophy:			
General Philosophy	Dr Morison and Dr Pooley	M.Th.12 (<i>wks 1-4</i>)	Exam Schools
Elements of Deductive Logic	Mr Rice	T.12	Physics (Lindemann Lecture Theatre, Clarendon Lab)
Part A Mathematics:			
Groups in Action	Dr M.Collins	W.Th.9 (<i>wks 1-4</i>)	Mathematical Institute, L2
Introduction to Fields	Dr M.Collins	W.Th.9 (<i>wks 5-8</i>)	Mathematical Institute, L2
Integration	Dr Vincent-Smith	T.2, W.11	Mathematical Institute, L2
Topology	Dr Sutherland	M.T.4	Mathematical Institute, L2
Part B Mathematics			
Foundations: Set Theory	Dr Knight	Th.2, F.3	Mathematical Institute, L1
[See also courses listed under Mathematics Part B]			
Part B Philosophy:			
N102: Knowledge and Reality: Metaphysics	Dr Uzquiano	W.10 (<i>wks 1-5, 7, 8</i>) W.9 (<i>wk 5</i>)	Exam Schools
[For non-compulsory Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1: Model Theory	Prof Zilber	W.9[L3], Th.4[L2]	Mathematical Institute, L2/L3
C1.2: Axiomatic Set Theory	Prof Wilkie	T.12, W.5	Mathematical Institute, L2
[All other courses listed under Mathematics Part C may also be offered. See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Moderations			
A: Linear Algebra II	Dr Curnock	W.F. 12 (<i>wks 1-4</i>)	University Museum
A: Some Theory of Sets and Groups	Dr Scataglini-Belghitar	W.F. 12 (<i>wks 5-8</i>)	University Museum
B: Analysis II – Continuity and Differentiability	Dr Qian	M.W.11	University Museum
C: Probability II	Dr M Lunn	T.Th.11 (<i>wks 1-4</i>)	University Museum
C: Statistics	Prof Donnelly	T.Th.11 (<i>wks 5-8</i>)	University Museum

D: Fourier Series and Two Variable Calculus	Prof Chapman	M.T.12	University Museum
D: Partial Differential Equations in Two Dimensions and Applications	Dr Day	Th.12, F.11	University Museum
MAPLE Projects	Dr Wilkins	T.2 (<i>wk 1 only</i>)	University Museum
Part A			
Core			
Probability	Dr Laws	M.T.10	Mathematical Institute, L2
Statistics	Dr AD Lunn	M.T.11	Mathematical Institute, L2
Options			
Graph Theory	Prof Griffiths	W.Th.12 (<i>wks 1-4</i>)	Statistics Department
Combinatorial Optimisation	Prof McDiarmid	M.5, F.9	Mathematical Institute, L2
[In addition, the lectures from Mathematics Part A may be taken]			
Part B			
Core			
Applied Statistics II	Dr Clifford	M.9, F.11 (<i>wks 1, 3, 4, 5, 6</i>)	Mathematical Institute, L1
Statistical Lifetime-Models	Dr Winkel and Dr M Lunn	W.10 [L2], Th.11 [L1]	Mathematical Institute, L1/L2
Actuarial Science II	Mr Clarke	W.3, Th.4	Mathematical Institute, L1
Options			
[In addition, the lectures from Mathematics Part B may be taken]			
Part C			
Core			
MS1: Statistical Data Mining	Dr Nicholls	M.2, W.9	Mathematical Institute, L1
MS2: Stochastic Models in Mathematical Genetics	Prof Griffiths and Prof Etheridge	T.12, F.11	Mathematical Institute, SR2
MS3: Lévy Processes and Finance	Dr Winkel	W.12, F.4	Mathematical Institute, SR1
Options			
[In addition, the lectures from Mathematics Part C may be taken]			

FOOTNOTE REFERENCES

- * Lectures begin on the first day possible after the beginning of Full Term (Sunday, 14 January), unless otherwise stated in this column.