

FAIRY TALES

Lent Term

- 24 January
SUPERSYMMETRIC QUANTUM MECHANICS
- 31 January
KEPLER PROBLEM FOR DIRAC EQUATION
JOHNSON-LIPPMANN OPERATOR
AND SUPERSYMMETRY
- 6 February
NON-LINEAR OPTICS &
WAVES OF ENVELOPES
- 13 February
AVERAGING IN CLASSICAL MECHANICS
- 20 February
HALL CONDUCTANCE QUANTISATION
- 27 February
HOLTSMARK DISTRIBUTION
- 1 March
SEVEN ELEMENTARY CATASTROPHES
- 7 March
DENSITY MATRICES FROM STOKES TO BLOCH
- 14 March
HOLTSMARK DISTRIBUTION

- **21 March**
CALCULATION OF SUMS

- **EXTRA 1**
PARADOX OF BALMER FORMULA
AND LAPLACE METHOD
OF SOLVING DIFFERENTIAL EQUATIONS
- **EXTRA 2**
TRICOMY EQUATION
AND CROSSING THE DISCONTINUITIES
- **EXTRA 3**
MINIMAL SURFACES
- **EXTRA 4**
GOMPERTZ LAW AND MORTALITY