Pure	Mechanics	Statistics

Year 13 Further Maths Typical Outline

Topic
Hyperbolic Functions
Oblique Impacts
Central Limit Theorem
2nd Order Differential Equations
Maclaurin Series
Harmonic Motion
Chi Squared Tests for Geometric and Negative Binomial Distributions
Hooke's Law and Elastic Energy
Probability Generating Functions
Coupled 1st Order Differential Equations
Christmas
Polar Curves
Methods in Calculus
1st Order Differential Equations
Calculus with Hyperbolic Functions
Volumes of Revolution
Type I and II Errors, Size and Power of a Test
Easter
Revision and Exams

Course materials in class OneNote and also in Home - Integral Maths