

## Further Mathematics Support Programme

### Live Interactive Lectures for Further Mathematics

#### MEI FP2

2017-2018

19/09/2017	FP2-1	Matrices 1: The determinant and inverse of a 3 x 3 matrix
03/10/2017	FP2-2	Matrices 2: Matrices and simultaneous equations
17/10/2017	FP2-3	Matrices 3: Eigenvalues and eigenvectors
07/11/2017	FP2-4	Matrices 4: The Cayley-Hamilton theorem
21/11/2017	FP2-5	Complex numbers 1: The polar form of complex numbers
05/12/2017	FP2-6	Complex numbers 2: De Moivre's theorem
19/12/2017	FP2-7	Complex numbers 3: Complex exponents and roots
16/01/2018	FP2-8	Calculus: The inverse trigonometric functions and integration
30/01/2018	FP2-9	Polar coordinates: Polar coordinates and area of a sector
13/02/2018*	FP2-10	Power series: Maclaurin series
06/03/2018	FP2-11	Hyperbolic functions 1: Introduction
20/03/2018	FP2-12	Hyperbolic functions 2: Inverse hyperbolic function

**Lectures will take place from 6:30pm to 7:30pm**

\*Half Term Dates vary across England. This date may be adjusted nearer the time.