

**Lecture 8: Lagrange Interpolation**

**Tutorial 3: Lagrange Interpolation**

**Lecture 9: Divided Differences**

**Lecture 10: Cubic Spline Interpolation**

**Tutorial 4: Divided diff and CSI**

**Lecture 11: Least Squares Approximation**

**Lecture 12: Newton-Cotes Formulae**

**Lecture 13: Composite Numerical  
Integration**

**Tutorial 5: LSA and Integration**

**Miscellaneous**

The Gamma function.

Calculus.

Linear Algebra.