

NUMERICAL METHOD ASSIGNMENT

(Note: Assignment I = Unit 1 Assignment, and so on..)

Assignment - I

1. Horner's Method
2. Newton's Polynomial
3. Synthetic division

Assignment - II

1. Cubic Spline Interpolation
2. Example for Equidistance Points

Assignment - III

1. Romberg Integration (Theory + Numerical Problem)

Assignment - IV

1. Power Method
2. Eigen Value and Eigen Vector

Assignment - V

1. Polygon Method (Derivation+Example)
2. Shooting Method (vvi)