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01MA1281 - Statistical and Numerical Methods

Computer Oriented Numerical Methods: V Rajaraman, Prentice Hall of India 4 Numerical methods with programs in C++: S Balachandra Rao & C K Shantha 5 Numerical Methods with programs in C and C++: Veerarajan & Ramchnadran Tata McGraw Hill 6 A textbook of Computer based numerical and Statistical

Course Name: COMPUTER ORIENTED NUMERICAL METHODS ...

Tables, Lagrange's Method Module IV: Numerical Differentiation and Integration 20 Formula for first and second order derivatives using newton's-Forward and Backward formula, Numerical Integartion, Newton-Cotes Formula: Rajaraman V, Computer Oriented Numerical Methods

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NUMERICAL AND STATISTICAL METHODS

Method- Numerical Integration- Trapezoidal Rule- Simpson's 1/3 and 3/8 Rules- Romberg Integration- Ordinary Differential Equations- Taylor's Series Method- Euler's Method- V Rajaraman, 2005, Computer Oriented Numerical Methods, 3rd Edition, Prentice- Hall of India Pvt Ltd

TAS-302 COMPUTER BASED NUMERICAL AND STATISTICAL ...

Bisection Method, Iteration method, Method of false position, Newton-Raphson method, Rajaraman V, "Computer Oriented Numerical Methods", Pearson Education 2 Gerald & Whealey, "Applied Numerical Analyses", AW 3 Jain, Iyengar and Jain, "Numerical Methods for Scientific and Engineering Computations", New Age Int 4 Grewal B S

Course Name: COMPUTER ORIENTED NUMERICAL ANALYSIS

LaGrange's Method Curve Fitting for line and parabola Module V: Numerical Differentiation & Integration 15 Numerical Differentiation based on Interpolation Formula, Numerical Integration, Trapezoidal Rules, Simpson's 1/3 rule, Simpson's 3/8 Rule, Romberg's Method Module VI: Numerical Solution to ODE 15

Paper Code : CON:302 Paper Name : Computer Oriented ...

NU BCA Second Year Syllabus 3rd Semester(CON:302) Page 2 of 2 Taylor Series Method, Euler's method, Second and Fourth order Runge-Kutta methods RECOMMENDED BOOK 1 Balagurusamy, E, Numerical Methods, Tata McGraw Hill, 1999

NUMERICAL METHODS - University of Calicut

Numerical Iteration Method A numerical iteration method or simply iteration method is a mathematical procedure that generates a sequence of improving approximate solutions for a class of problems A specific way of implementation of an iteration method, including the termination criteria, is called an algorithm of the iteration method

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Scheme of Teaching and Examination for

Computer based numerical algorithm, East West Press, 1975 - EV Krishna Murthy & SV Sen 5 Computer oriented numerical method, Prentice Hall India, 1980 - V Rajaraman

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SUBJECT CODE : Periods per Computer oriented numerical method, Prentice Hall India, 1980 - V Rajaraman ENGINEERING MECHANICS Theory
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7 Numerical mathematical Analysis, James B Scarboroughs 8 Numerical Methods for Scientists and Engineers, K Sankara Rao, 3rd Ed PHI 9
Computer Programming in Fortran90 and 95 by V Rajaraman, Prentice Hall of India 2001 10 Computer Programming in C by V Rajaraman, Prentice
Hall of India 11