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Nota di contenuto	Preface xi -- 1 Errors in Numerical Analysis 1 -- 1.1 Enter Data Errors, 1 -- 1.2 Approximation Errors, 2 -- 1.3 Round-Off Errors, 3 -- 1.4 Propagation of Errors, 3 -- 1.4.1 Addition, 3 -- 1.4.2 Multiplication, 5 -- 1.4.3 Inversion of a Number, 7 -- 1.4.4 Division of Two Numbers, 7 -- 1.4.5 Raising to a Negative Entire Power, 7 -- 1.4.6 Taking the Root of pth Order, 7 -- 1.4.7 Subtraction, 8 -- 1.4.8 Computation of Functions, 8 -- 1.5 Applications, 8 -- Further Reading, 14 -- 2 Solution of Equations 17 -- 2.1 The Bipartition (Bisection) Method, 17 -- 2.2 The Chord (Secant) Method, 20 -- 2.3 The Tangent Method (Newton), 26 -- 2.4 The Contraction Method, 37 -- 2.5 The Newton-Kantorovich Method, 42 -- 2.6 Numerical Examples, 46 -- 2.7 Applications, 49 -- Further Reading, 52 -- 3 Solution of Algebraic Equations 55 -- 3.1 Determination of Limits of the Roots of Polynomials, 55 -- 3.2 Separation of Roots, 60 -- 3.3 Lagrange's Method, 69 -- 3.4 The Lobachevski-Graeffe Method, 72 -- 3.4.1 The Case of Distinct Real Roots, 72 -- 3.4.2 The Case of a Pair of Complex Conjugate Roots, 74 -- 3.4.3 The Case of Two Pairs of Complex Conjugate Roots, 75 -- 3.5 The Bernoulli Method, 76 -- 3.6 The Bierge-Vi`ete Method, 79 -- 3.7 Lin Methods, 79 -- 3.8 Numerical

Examples, 82 -- 3.9 Applications, 94 -- Further Reading, 109 -- 4  
Linear Algebra 111 -- 4.1 Calculation of Determinants, 111 -- 4.1.1  
Use of Definition, 111 -- 4.1.2 Use of Equivalent Matrices, 112 -- 4.2  
Calculation of the Rank, 113 -- 4.3 Norm of a Matrix, 114 -- 4.4  
Inversion of Matrices, 123 -- 4.4.1 Direct Inversion, 123 -- 4.4.2 The  
Gauss-Jordan Method, 124 -- 4.4.3 The Determination of the Inverse  
Matrix by its Partition, 125 -- 4.4.4 Schur's Method of Inversion of  
Matrices, 127 -- 4.4.5 The Iterative Method (Schulz), 128 -- 4.4.6  
Inversion by Means of the Characteristic Polynomial, 131 -- 4.4.7 The  
Frame-Fadeev Method, 131 -- 4.5 Solution of Linear Algebraic Systems  
of Equations, 132 -- 4.5.1 Cramer's Rule, 132 -- 4.5.2 Gauss's  
Method, 133.  
4.5.3 The Gauss-Jordan Method, 134 -- 4.5.4 The LU Factorization,  
135 -- 4.5.5 The Schur Method of Solving Systems of Linear Equations,  
137 -- 4.5.6 The Iteration Method (Jacobi), 142 -- 4.5.7 The Gauss-  
Seidel Method, 147 -- 4.5.8 The Relaxation Method, 149 -- 4.5.9 The  
Monte Carlo Method, 150 -- 4.5.10 Infinite Systems of Linear  
Equations, 152 -- 4.6 Determination of Eigenvalues and Eigenvectors,  
153 -- 4.6.1 Introduction, 153 -- 4.6.2 Krylov's Method, 155 -- 4.6.3  
Danilevski's Method, 157 -- 4.6.4 The Direct Power Method, 160 --  
4.6.5 The Inverse Power Method, 165 -- 4.6.6 The Displacement  
Method, 166 -- 4.6.7 Leverrier's Method, 166 -- 4.6.8 The L-R (Left-  
Right) Method, 166 -- 4.6.9 The Rotation Method, 168 -- 4.7 QR  
Decomposition, 169 -- 4.8 The Singular Value Decomposition (SVD),  
172 -- 4.9 Use of the Least Squares Method in Solving the Linear  
Overdetermined Systems, 174 -- 4.10 The Pseudo-Inverse of a Matrix,  
177 -- 4.11 Solving of the Underdetermined Linear Systems, 178 --  
4.12 Numerical Examples, 178 -- 4.13 Applications, 211 -- Further  
Reading, 269 -- 5 Solution of Systems of Nonlinear Equations 273 --  
5.1 The Iteration Method (Jacobi), 273 -- 5.2 Newton's Method, 275 --  
5.3 The Modified Newton's Method, 276 -- 5.4 The Newton-Raphson  
Method, 277 -- 5.5 The Gradient Method, 277 -- 5.6 The Method of  
Entire Series, 280 -- 5.7 Numerical Example, 281 -- 5.8 Applications,  
287 -- Further Reading, 304 -- 6 Interpolation and Approximation of  
Functions 307 -- 6.1 Lagrange's Interpolation Polynomial, 307 -- 6.2  
Taylor Polynomials, 311 -- 6.3 Finite Differences: Generalized Power,  
312 -- 6.4 Newton's Interpolation Polynomials, 317 -- 6.5 Central  
Differences: Gauss's Formulae, Stirling's Formula, Bessel's Formula,  
Everett's Formulae, 322 -- 6.6 Divided Differences, 327 -- 6.7  
Newton-Type Formula with Divided Differences, 331 -- 6.8 Inverse  
Interpolation, 332 -- 6.9 Determination of the Roots of an Equation by  
Inverse Interpolation, 333 -- 6.10 Interpolation by Spline Functions,  
335.  
6.11 Hermite's Interpolation, 339 -- 6.12 Chebyshev's Polynomials,  
340 -- 6.13 Mini-Max Approximation of Functions, 344 -- 6.14  
Almost Mini-Max Approximation of Functions, 345 -- 6.15  
Approximation of Functions by Trigonometric Functions (Fourier), 346  
-- 6.16 Approximation of Functions by the Least Squares, 352 -- 6.17  
Other Methods of Interpolation, 354 -- 6.17.1 Interpolation with  
Rational Functions, 354 -- 6.17.2 The Method of Least Squares with  
Rational Functions, 355 -- 6.17.3 Interpolation with Exponentials, 355  
-- 6.18 Numerical Examples, 356 -- 6.19 Applications, 363 -- Further  
Reading, 374 -- 7 Numerical Differentiation and Integration 377 -- 7.1  
Introduction, 377 -- 7.2 Numerical Differentiation by Means of an  
Expansion into a Taylor Series, 377 -- 7.3 Numerical Differentiation by  
Means of Interpolation Polynomials, 380 -- 7.4 Introduction to  
Numerical Integration, 382 -- 7.5 The Newton-Cotes  
Quadrature Formulae, 384 -- 7.6 The Trapezoid Formula, 386 -- 7.7

Simpson's Formula, 389 -- 7.8 Euler's and Gregory's Formulae, 393 -- 7.9 Romberg's Formula, 396 -- 7.10 Chebyshev's Quadrature Formulae, 398 -- 7.11 Legendre's Polynomials, 400 -- 7.12 Gauss's Quadrature Formulae, 405 -- 7.13 Orthogonal Polynomials, 406 -- 7.13.1 Legendre Polynomials, 407 -- 7.13.2 Chebyshev Polynomials, 407 -- 7.13.3 Jacobi Polynomials, 408 -- 7.13.4 Hermite Polynomials, 408 -- 7.13.5 Laguerre Polynomials, 409 -- 7.13.6 General Properties of the Orthogonal Polynomials, 410 -- 7.14 Quadrature Formulae of Gauss Type Obtained by Orthogonal Polynomials, 412 -- 7.14.1 Gauss-Jacobi Quadrature Formulae, 413 -- 7.14.2 Gauss-Hermite Quadrature Formulae, 414 -- 7.14.3 Gauss-Laguerre Quadrature Formulae, 415 -- 7.15 Other Quadrature Formulae, 417 -- 7.15.1 Gauss Formulae with Imposed Points, 417 -- 7.15.2 Gauss Formulae in which the Derivatives of the Function Also Appear, 418 -- 7.16 Calculation of Improper Integrals, 420 -- 7.17 Kantorovich's Method, 422 -- 7.18 The Monte Carlo Method for Calculation of Definite Integrals, 423. 7.18.1 The One-Dimensional Case, 423 -- 7.18.2 The Multidimensional Case, 425 -- 7.19 Numerical Examples, 427 -- 7.20 Applications, 435 -- Further Reading, 447 -- 8 Integration of Ordinary Differential Equations and of Systems of Ordinary Differential Equations 451 -- 8.1 State of the Problem, 451 -- 8.2 Euler's Method, 454 -- 8.3 Taylor Method, 457 -- 8.4 The Runge-Kutta Methods, 458 -- 8.5 Multistep Methods, 462 -- 8.6 Adams's Method, 463 -- 8.7 The Adams-Bashforth Methods, 465 -- 8.8 The Adams-Moulton Methods, 467 -- 8.9 Predictor-Corrector Methods, 469 -- 8.9.1 Euler's Predictor-Corrector Method, 469 -- 8.9.2 Adams's Predictor-Corrector Methods, 469 -- 8.9.3 Milne's Fourth-Order Predictor-Corrector Method, 470 -- 8.9.4 Hamming's Predictor-Corrector Method, 470 -- 8.10 The Linear Equivalence Method (LEM), 471 -- 8.11 Considerations about the Errors, 473 -- 8.12 Numerical Example, 474 -- 8.13 Applications, 480 -- Further Reading, 525 -- 9 Integration of Partial Differential Equations and of Systems of Partial Differential Equations 529 -- 9.1 Introduction, 529 -- 9.2 Partial Differential Equations of First Order, 529 -- 9.2.1 Numerical Integration by Means of Explicit Schemata, 531 -- 9.2.2 Numerical Integration by Means of Implicit Schemata, 533 -- 9.3 Partial Differential Equations of Second Order, 534 -- 9.4 Partial Differential Equations of Second Order of Elliptic Type, 534 -- 9.5 Partial Differential Equations of Second Order of Parabolic Type, 538 -- 9.6 Partial Differential Equations of Second Order of Hyperbolic Type, 543 -- 9.7 Point Matching Method, 546 -- 9.8 Variational Methods, 547 -- 9.8.1 Ritz's Method, 549 -- 9.8.2 Galerkin's Method, 551 -- 9.8.3 Method of the Least Squares, 553 -- 9.9 Numerical Examples, 554 -- 9.10 Applications, 562 -- Further Reading, 575 -- 10 Optimizations 577 -- 10.1 Introduction, 577 -- 10.2 Minimization Along a Direction, 578 -- 10.2.1 Localization of the Minimum, 579 -- 10.2.2 Determination of the Minimum, 580 -- 10.3 Conjugate Directions, 583. 10.4 Powell's Algorithm, 585 -- 10.5 Methods of Gradient Type, 585 -- 10.5.1 The Gradient Method, 585 -- 10.5.2 The Conjugate Gradient Method, 587 -- 10.5.3 Solution of Systems of Linear Equations by Means of Methods of Gradient Type, 589 -- 10.6 Methods of Newton Type, 590 -- 10.6.1 Newton's Method, 590 -- 10.6.2 Quasi-Newton Method, 592 -- 10.7 Linear Programming: The Simplex Algorithm, 593 -- 10.7.1 Introduction, 593 -- 10.7.2 Formulation of the Problem of Linear Programming, 595 -- 10.7.3 Geometrical Interpretation, 597 -- 10.7.4 The Primal Simplex Algorithm, 597 -- 10.7.5 The Dual Simplex Algorithm, 599 -- 10.8 Convex Programming, 600 -- 10.9 Numerical Methods for Problems of Convex Programming, 602 -- 10.9.1 Method

of Conditional Gradient, 602 -- 10.9.2 Method of Gradient's Projection, 602 -- 10.9.3 Method of Possible Directions, 603 -- 10.9.4 Method of Penalizing Functions, 603 -- 10.10 Quadratic Programming, 603 -- 10.11 Dynamic Programming, 605 -- 10.12 Pontryagin's Principle of Maximum, 607 -- 10.13 Problems of Extremum, 609 -- 10.14 Numerical Examples, 611 -- 10.15 Applications, 623 -- Further Reading, 626 -- Index 629.

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Sommario/riassunto

A much-needed guide on how to use numerical methods to solve practical engineering problems. Bridging the gap between mathematics and engineering, *Numerical Analysis with Applications in Mechanics and Engineering* arms readers with powerful tools for solving real-world problems in mechanics, physics, and civil and mechanical engineering. Unlike most books on numerical analysis, this outstanding work links theory and application, explains the mathematics in simple engineering terms, and clearly demonstrates how to use numerical methods to obtain solutions and interpret results.

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