

VOLUMES XLVI and XLVII

AUTHOR INDEX

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
ALLGOWER, EUGENE L. & SCHMIDT, PHILLIP H.	Computing Volumes of Polyhedra	46	171
BAUER, HELMUT F.	Tables of the Roots of the Associated Legendre Function with Respect to the Degree	46	601
BEALE, J. THOMAS	A Convergent 3-D Vortex Method With Grid- Free Stretching	46	401
BINI, D. & CAPOVANI, M.	A Class of Cubic Splines Obtained Through Min- imum Conditions	46	191
BLECKSMITH, RICHARD, BRILLHART, JOHN & GERST, IRVING	A Computer-Assisted Investigation of Ramanujan Pairs.....	46	731
BORHO, W. & HOFFMANN, H.	Breeding Amicable Numbers in Abundance.....	46	281
BORWEIN, J. M. & BORWEIN, P. B.	More Quadratically Converging Algorithms for π	46	247
BORWEIN, P. B.	<i>See:</i> BORWEIN, J. M. & BORWEIN, P. B.	46	247
BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	An Iterative Method for Elliptic Problems on Regions Partitioned into Substructures	46	361
BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	The Construction of Preconditioners for Elliptic Problems by Substructuring. I	47	103
BREZZI, F. & FORTIN, M.	Numerical Approximation of Mindlin-Reissner Plates	47	151
BRILLHART, JOHN	<i>See:</i> BLECKSMITH, RICHARD, BRILLHART, JOHN & GERST, IRVING	46	731
BUSTOZ, JOAQUIN & ISMAIL, MOURAD E. H.	On Gamma Function Inequalities	47	659
CALÌD, FRANCA, GAUTSCHI, WALTER & MARCHETTI, ELENA	On Computing Gauss-Kronrod Quadrature For- mulae	47	639
CAPOVANI, M.	<i>See:</i> BINI, D. & CAPOVANI, M.	46	191
CAYCO, M. E. & NICOLAIDES, R. A.	Finite Element Technique for Optimal Pressure Recovery from Stream Function Formulation of Viscous Flows	46	371
COHN, HARVEY & DEUTSCH, JESSE	Use of a Computer Scan to Prove $Q(\sqrt{2 + \sqrt{2}})$ and $Q(\sqrt{3 + \sqrt{2}})$ are Euclidean	46	295
COSTANTINI, PAOLO	On Monotone and Convex Spline Interpolation..	46	203
CREUTZBURG, R. & TASCHE, M.	Number-Theoretic Transforms of Prescribed Length	47	693
DARAFSHEH, M. R.	Computing the Irreducible Characters of the Group $GL_6(2)$	46	301
DELFOUR, M. C. & DUBEAU, F.	Discontinuous Polynomial Approximations in the Theory of One-Step, Hybrid and Multistep Methods for Nonlinear Ordinary Differential Equations	47	169
DEUTSCH, JESSE	<i>See:</i> COHN, HARVEY & DEUTSCH, JESSE	46	295
DUBEAU, F.	<i>See:</i> DELFOUR, M. C. & DUBEAU, F.	47	169
DUBNER, HARVEY	<i>See:</i> WILLIAMS, H. C. & DUBNER, HARVEY	47	703
EASTON, DAVID	Effective Irrationality Measures for Certain Al- gebraic Numbers	46	613

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
ELIZALDE, E.	An Asymptotic Expansion for the First Derivative of the Generalized Riemann Zeta Function	47	347
ELMAN, HOWARD C.	A Stability Analysis of Incomplete LU Factorizations	47	191
ERDŐS, PAUL & POMERANCE, CARL	On the Number of False Witnesses for a Composite Number	46	259
FALK, R. S. & MONK, P. B.	Logarithmic Convexity for Discrete Harmonic Functions and the Approximation of the Cauchy Problem for Poisson's Equation	47	135
FARWIG, REINHARD	Rate of Convergence of Shepard's Global Interpolation Formula	46	577
FORTIN, M.	<i>See:</i> BREZZI, F. & FORTIN, M.	47	151
FREDRICKSEN, HAROLD M., HALES, ALFRED W. & SWEET, MELVIN M.	A Generalization of Swan's Theorem	46	321
FÖRSTER, KLAUS-JÜRGEN & OSTERMEYER, GEORG- PETER	On Weighted Chebyshev-Type Quadrature Formulas	46	591
GAUTSCHI, WALTER	<i>See:</i> CALIÒ, FRANCA, GAUTSCHI, WALTER & MARCHETTI, ELENA	47	639
GERST, IRVING	<i>See:</i> BLECKSMITH, RICHARD, BRILLHART, JOHN & GERST, IRVING	46	731
GIUNTA, G.	<i>See:</i> LYNNESS, J. N. & GIUNTA, G.	47	313
GREENGARD, CLAUDE	Convergence of the Vortex Filament Method	47	387
HALES, ALFRED W.	<i>See:</i> FREDRICKSEN, HAROLD M., HALES, ALFRED W. & SWEET, MELVIN M.	46	321
HALPERN, LAURENCE	Artificial Boundary Conditions for the Linear Advection Diffusion Equation	46	425
HALPERN, LAURENCE	<i>See:</i> TREFETHEN, LLOYD N. & HALPERN, LAURENCE	47	421
HARTEN, AMI	On a Large Time-Step High Resolution Scheme	46	379
HIGDON, ROBERT L.	Absorbing Boundary Conditions for Difference Approximations to the Multi-Dimensional Wave Equation	47	437
HIGHAM, NICHOLAS J.	Newton's Method for the Matrix Square Root ...	46	537
HOFFMANN, H.	<i>See:</i> BORHO, W. & HOFFMANN, H.	46	281
HUGHES HALLETT, A. J.	The Convergence of Accelerated Overrelaxation Iterations	47	219
IRELAND, K. F. & SMALL, R. D.	Class Numbers of Cyclotomic Function Fields ...	46	337
ISMAIL, MOURAD E. H.	<i>See:</i> BUSTOZ, JOAQUIN & ISMAIL, MOURAD E. H.	47	659
JOHNSON, C. & PITKÄRANTA, J.	An Analysis of the Discontinuous Galerkin Method for a Scalar Hyperbolic Equation	46	1
JOHNSON, CLAES & SARANEN, JUKKA	Streamline Diffusion Methods for the Incompressible Euler and Navier-Stokes Equations	47	1
KARAKASHIAN, OHANNES A.	On Runge-Kutta Methods for Parabolic Problems with Time-Dependent Coefficients	47	77
KELLEY, C. T.	A Shamanskii-Like Acceleration Scheme for Nonlinear Equations at Singular Roots	47	609
KREISS, H.-O., MANTEUFEL, T. A., SWARTZ, B., WENDROFF, B. & WHITE, A. B., JR.	Supra-Convergent Schemes on Irregular Grids ...	47	537
KRETSCHMER, THOMAS J.	Construction of Elliptic Curves with Large Rank	46	627

AUTHOR INDEX

773

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
KURTZ, G. C., SHANKS, DANIEL & WILLIAMS, H. C.	Fast Primality Tests for Numbers Less Than $50 \cdot 10^9$	46	691
LAGRANGE, J. & LEECH, J.	Two Triads of Squares	46	751
LASIECKA, I.	Galerkin Approximations of Abstract Parabolic Boundary Value Problems With Rough Boundary Data— L_p Theory	47	55
LAVOIE, J. L.	Some Evaluations for the Generalized Hypergeometric Series	46	215
LEECH, J.	<i>See:</i> LAGRANGE, J. & LEECH, J.	46	751
LEHMER, D. H., MAHLER, K. & VAN DER POORTEN, A. J.	Integers with Digits 0 or 1	46	683
LETTL, GÜNTER	A Lower Bound for the Class Number of Certain Cubic Number Fields	46	659
LEVEQUE, RANDALL J.	Intermediate Boundary Conditions for Time-Split Methods Applied to Hyperbolic Partial Differential Equations	47	37
LEWANOWICZ, S.	Properties of the Polynomials Associated with the Jacobi Polynomials	47	669
LING, CHIH-BING	Evaluation of Howland-Type Integrals Involving tanh and coth Functions	46	219
LORENZ, JENS	Convergence of Upwind Schemes for a Stationary Shock	46	45
LÖTSTEDT, PER & PETZOLD, LINDA	Numerical Solution of Nonlinear Differential Equations with Algebraic Constraints I: Convergence Results for Backward Differentiation Formulas	46	491
LUBINSKY, D. S. & SIDİ, AVRAM	Convergence of Product Integration Rules for Functions With Interior and Endpoint Singularities Over Bounded and Unbounded Intervals	46	229
LUCIER, BRADLEY J.	A Moving Mesh Numerical Method for Hyperbolic Conservation Laws	46	59
LUCIER, BRADLEY J.	On Nonlocal Monotone Difference Schemes for Scalar Conservation Laws	47	19
LUND, JOHN	Symmetrization of the Sinc-Galerkin Method for Boundary Value Problems	47	571
VAN DE LUNE, J., TE RIELE, H. J. J. & WINTER, D. T.	On the Zeros of the Riemann Zeta Function in the Critical Strip. IV	46	667
LYNESS, J. N. & GIUNTA, G.	A Modification of the Weeks Method for Numerical Inversion of the Laplace Transform	47	313
MCCARTHY, D. P.	Effect of Improved Multiplication Efficiency on Exponentiation Algorithms Derived from Addition Chains	46	603
MCCORMICK, S. & THOMAS, J.	The Fast Adaptive Composite Grid (FAC) Method for Elliptic Equations	46	439
MCINTYRE, E. A., JR.	Boundary Integral Solutions of the Heat Equation	46	71
MCLEAN, W.	A Spectral Galerkin Method for a Boundary Integral Equation	47	597
MAEZTU, J. I.	An Estimate of Goodness of Cubatures for the Unit Circle in \mathbf{R}^2	47	651
MAHLER, K.	<i>See:</i> LEHMER, D. H., MAHLER, K. & VAN DER POORTEN, A. J.	46	683
MAJDA, GEORGE	Stability with Large Step Sizes for Multistep Discretizations of Stiff Ordinary Differential Equations	47	473
MANTEUFFEL, THOMAS A. & WHITE, ANDREW B., JR.	The Numerical Solution of Second-Order Boundary Value Problems on Nonuniform Meshes ..	47	511

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
MANTEUFFEL, T. A.	<i>See:</i> KREISS, H.-O., MANTEUFFEL, T. A., SWARTZ, B., WENDROFF, B. & WHITE, A. B., JR.	47	537
MARCHETTI, ELENA	<i>See:</i> CALIÒ, FRANCA, GAUTSCHI, WALTER & MARCHETTI, ELENA.....	47	639
METTKE, HOLGER	Convex Interpolation by Splines of Arbitrary Degree	46	567
MILOVANOVIĆ, GRADIMIR V. & WRIGGE, STAFFAN	Least Squares Approximation With Constraints	46	551
MONEGATO, GIOVANNI	Quadrature Formulas for Functions with Poles Near the Interval of Integration.....	47	301
MONK, P. B.	<i>See:</i> FALK, R. S. & MONK, P. B.	47	135
MOSIER, RONALD G.	Root Neighborhoods of a Polynomial.....	47	265
NEWMAN, D. J.	Computing When Multiplications Cost Nothing	46	255
NICOLAIDES, R. A.	<i>See:</i> CAYCO, M. E. & NICOLAIDES, R. A.....	46	371
O'RIORDAN, EUGENE & STYNES, MARTIN	A Uniformly Accurate Finite-Element Method for a Singularly Perturbed One-Dimensional Reaction-Diffusion Problem	47	555
O'RIORDAN, EUGENE & STYNES, MARTIN	An Analysis of a Superconvergence Result for a Singularly Perturbed Boundary Value Problem.....	46	81
OLMSTED, COERT	Two Formulas for the General Multivariate Polynomial Which Interpolates a Regular Grid on a Simplex.....	47	275
OSTERMEYER, GEORG-PETER	<i>See:</i> FÖRSTER, KLAUS-JÜRGEN & OSTERMEYER, GEORG-PETER.....	46	591
PASCIAK, J. E.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	46	361
PASCIAK, J. E.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	47	103
PETHÖ, A. & DE WEGER, B. M. M.	Products of Prime Powers in Binary Recurrence Sequences, Part I: The Hyperbolic Case, with an Application to the Generalized Ramanujan-Nagell Equation	47	713
PETZOLD, LINDA	<i>See:</i> LÖTSTEDT, PER & PETZOLD, LINDA.....	46	491
PITKÄRANTA, J.	<i>See:</i> JOHNSON, C. & PITKÄRANTA, J.....	46	1
POMERANCE, CARL	<i>See:</i> ERDÖS, PAUL & POMERANCE, CARL	46	259
VAN DER POORTEN, A. J.	<i>See:</i> LEHMER, D. H., MAHLER, K. & VAN DER POORTEN, A. J.	46	683
RABINOWITZ, PHILIP	On the Definiteness of Gauss-Kronrod Integration Rules	46	225
RABINOWITZ, PHILIP	Rates of Convergence of Gauss, Lobatto, and Radau Integration Rules for Singular Integrands.....	47	625
REICHERT, MARKUS A.	Explicit Determination of Nontrivial Torsion Structures of Elliptic Curves Over Quadratic Number Fields	46	637
TE RIELE, H. J. J.	<i>See:</i> VAN DE LUNE, J., TE RIELE, H. J. J. & WINTER, D. T.	46	667
TE RIELE, H. J. J.	Computation of All the Amicable Pairs Below 10^{10}	47	361
SARANEN, JUKKA	<i>See:</i> JOHNSON, CLAES & SARANEN, JUKKA	47	1
SCHATZ, A. H.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	46	361
SCHATZ, A. H.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	47	103
SCHMEISER, CHRISTIAN	Approximate Solution of Boundary Value Problems on Infinite Intervals by Collocation Methods	46	479

AUTHOR INDEX

775

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
SCHMIDT, PHILLIP H.	<i>See:</i> ALLGOWER, EUGENE L. & SCHMIDT, PHILLIP H.	46	171
SCHNEIDER, CLAUS & WERNER, WILHELM	Some New Aspects of Rational Interpolation	47	285
SEAH, E.	<i>See:</i> STINSON, D. R. & SEAH, E.	46	717
SEGAL, ROBERT & WARD, ROBERT L.	Weight Distributions of Some Irreducible Cyclic Codes	46	341
SHAMPINE, LAWRENCE F.	Some Practical Runge-Kutta Formulas	46	135
SHANKS, DANIEL	<i>See:</i> KURTZ, G. C., SHANKS, DANIEL & WILLIAMS, H. C.	46	691
SHEN, MOK-KONG	On the Congruence $2^{n-k} \equiv 1 \pmod{n}$	46	715
SHIU, P.	Counting Sums of Two Squares: The Meissel-Lehmer Method	47	351
SIDI, AVRAM	<i>See:</i> LUBINSKY, D. S. & SIDI, AVRAM	46	229
SKEEL, ROBERT D.	Construction of Variable-Stepsize Multistep Formulas	47	503
SLOAN, I. H. & SPENCE, A.	Integral Equations on the Half-Line: A Modified Finite-Section Approximation	47	589
SMALL, R. D.	<i>See:</i> IRELAND, K. F. & SMALL, R. D.	46	337
SOCOLOVSKY, E. A.	Difference Schemes for Degenerate Parabolic Equations	47	411
SPEEVAK, TED	An Efficient Algorithm for Obtaining the Volume of a Special Kind of Pyramid and Application to Convex Polyhedra	46	531
SPENCE, A.	<i>See:</i> SLOAN, I. H. & SPENCE, A.	47	589
STEINER, RAY P.	On Mordell's Equation $y^2 - k = x^3$: A Problem of Stolarsky	46	703
STENGER, FRANK	Explicit Nearly Optimal Linear Rational Approximation with Preassigned Poles	47	225
STINSON, D. R. & SEAH, E.	284457 Steiner Triple Systems of Order 19 Contain a Subsystem of Order 9	46	717
STYNES, MARTIN	<i>See:</i> O'RIORDAN, EUGENE & STYNES, MARTIN	46	81
STYNES, MARTIN	<i>See:</i> O'RIORDAN, EUGENE & STYNES, MARTIN	47	555
SWARTZ, B.	<i>See:</i> KREISS, H.-O., MANTEUFFEL, T. A., SWARTZ, B., WENDROFF, B. & WHITE, A. B., JR.	47	537
SWARZTRAUBER, PAUL N.	Symmetric FFTs	47	323
SWEET, MELVIN M.	<i>See:</i> FREDRICKSEN, HAROLD M., HALES, ALFRED W. & SWEET, MELVIN M.	46	321
TASCHE, M.	<i>See:</i> CREUTZBURG, R. & TASCHE, M.	47	693
TEMME, N. M.	A Double Integral Containing the Modified Bessel Function: Asymptotics and Computation	47	683
TENNENHOUSE, M. & WILLIAMS, H. C.	A Note on Class-Number One in Certain Real Quadratic and Pure Cubic Fields	46	333
THOMAS, J.	<i>See:</i> MCCORMICK, S. & THOMAS, J.	46	439
TOINT, PH. L.	Numerical Solution of Large Sets of Algebraic Nonlinear Equations	46	175
TREFETHEN, LLOYD N. & HALPERN, LAURENCE	Well-Posedness of One-Way Wave Equations and Absorbing Boundary Conditions	47	421
TSUCHIYA, TAKUYA	On Two Methods for Approximating Minimal Surfaces in Parametric Form	46	517
TZANAKIS, NICHOLAS	A Remark on a Theorem of W. E. H. Berwick ..	46	623
UNDERHILL, C.	Some Asymptotic Properties of Padé Approximants to e^{-x}	47	253
VENTURINO, EZIO	On Solving Singular Integral Equations via a Hyperbolic Tangent Quadrature Rule	47	159
VRSCAY, EDWARD R.	Julia Sets and Mandelbrot-Like Sets Associated With Higher Order Schröder Rational Iteration Functions: A Computer Assisted Study ..	46	151
WARD, ROBERT L.	<i>See:</i> SEGAL, ROBERT & WARD, ROBERT L.	46	341

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
WASHINGTON, LAWRENCE C.	Some Remarks on Cohen-Lenstra Heuristics	47	741
DE WEGER, B. M. M.	Products of Prime Powers in Binary Recurrence Sequences, Part II: The Elliptic Case, with an Application to a Mixed Quadratic-Exponential Equation	47	729
DE WEGER, B. M. M.	<i>See:</i> PETHÖ, A. & DE WEGER, B. M. M.	47	713
WEINMÜLLER, EWA	On the Numerical Solution of Singular Boundary Value Problems of Second Order by a Difference Method	46	93
WENDROFF, B.	<i>See:</i> KREISS, H.-O., MANTEUFFEL, T. A., SWARTZ, B., WENDROFF, B. & WHITE, A. B., JR.	47	537
WERNER, WILHELM	<i>See:</i> SCHNEIDER, CLAUS & WERNER, WILHELM	47	285
WERSCHULZ, ARTHUR G.	Complexity of Indefinite Elliptic Problems.....	46	457
WERSCHULZ, ARTHUR G.	What is the Complexity of Related Elliptic, Parabolic, and Hyperbolic Problems?.....	47	461
WHITE, A. B., JR.	<i>See:</i> KREISS, H.-O., MANTEUFFEL, T. A., SWARTZ, B., WENDROFF, B. & WHITE, A. B., JR.	47	537
WHITE, ANDREW B., JR.	<i>See:</i> MANTEUFFEL, THOMAS A. & WHITE, ANDREW B., JR.	47	511
WILLIAMS, H. C.	<i>See:</i> TENNENHOUSE, M. & WILLIAMS, H. C.	46	333
WILLIAMS, H. C.	<i>See:</i> KURTZ, G. C., SHANKS, DANIEL & WILLIAMS, H. C.	46	691
WILLIAMS, H. C. & DUBNER, HARVEY	The Primality of $R1031$	47	703
WINTER, D. T.	<i>See:</i> VAN DE LUNE, J., TE RIELE, H. J. J. & WINTER, D. T.	46	667
WRIGGE, STAFFAN	<i>See:</i> MILOVANOVIĆ, GRADIMIR V. & WRIGGE, STAFFAN	46	551
YAMAKI, HIROYOSHI	A Conjecture of Frobenius and the Sporadic Simple Groups, II.....	46	609
YSERENTANT, HARRY	The Convergence of Multi-Level Methods for Solving Finite-Element Equations in the Presence of Singularities.....	47	399
ZENNARO, M.	Natural Continuous Extensions of Runge-Kutta Methods	46	119
ZLÁMAL, MILOŠ	Finite Element Solution of the Fundamental Equations of Semiconductor Devices. I.....	46	27

INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
AIKEN, RICHARD C., Editor	41	65L05, 65L20	47	755
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	65-01, 65Mxx, 65Nxx, 76-01, 76-08, 80-01, 80-08	46	764
ATKINSON, KENDALL	36	65-01	47	749
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MCCONALOGUE, DENIS J.	28	60K05, 60K10, 65D07, 65D20, 65D30	47	381
BELLMAN, R.	25	92-01	47	378
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	65-06, 65F10, 65F50, 65N30, 65N35, 65N50, 68N99	46	767
BLEISTEIN, NORMAN	6	35-01, 78A05	46	760
BLISCHKE, WALLACE R.	28	See: BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MCCONALOGUE, DENIS J.	47	381
BOERNER, WOLFGANG-M. ET AL., Editors	16	78-06, 78A45	46	768
BÖHMER, K. & STETTER, H. J., Editors	23	65B05, 65J05	47	374
BREBBIA, C. A., Editor	30	65-04, 65M60, 65N30	47	383
BURRY, J. W. H.	11	See: SINGH, S. P., BURRY, J. W. H. & WATSON, B., Editors	46	766
CAREY, GRAHAM F.	37	See: ODEN, J. TINSLEY & CAREY, GRAHAM F.	47	749
CRANK, JOHN	9	35-02, 35Jxx, 35Kxx, 35R35, 65P05	46	765
DAVENPORT, J. M.	45	See: KENNEDY, W. J., ODEH, R. E. & DAVENPORT, J. M., Editors	47	759
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	65-02, 65C05, 65D30, 65D32, 64V05	46	760
DEKKER, K. & VERWER, J. G.	40	65L05, 65L20, 65M20	47	753
EVANS, DAVID J., Editor	34	65F05, 65F10, 65F15, 65H10, 65K05	47	384
FISCHER, P. & SMITH, WILLIAM R., Editors	17	58Fxx, 70Kxx	46	768
FITCH, JOHN, Editor	13	68-06, 68Q40	46	767
FREDRICKSEN, HAROLD & WARD, ROBERT	49	11T06	47	764
GLOWINSKI, R. & LIONS, J.-L., Editors	35	65-06, 68-06, 76-06, 82-06	47	384
GOLUB, GENE H. & VAN LOAN, CHARLES F.	24	65-02	47	376
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	41-06, 30E10, 33A65, 41A05, 41A20, 41A21	46	768

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
GRIFFITHS, DAVID F., Editor	12	65-06	46	767
GRIFFITHS, DAVID F., Editor	32	65-02, 65N30	47	383
GUPTA, MADAN M.	47	See: KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	762
HACKBUSCH, WOLFGANG, Editor	33	65-06	47	384
HUNSDORFER, W. H.	42	65L05, 65L20	47	756
HYMAN, ANTHONY	4	01A55, 01A70, 68-03	46	759
INGHAM, DEREK B. & KELMANSON, MARK A.	38	65N99	47	751
JERRI, ABDUL J.	20	45-01	47	370
KAUCHER, EDGAR W. & MIRANKER, WILLARD L.	19	65-02, 65G10, 65J10	47	369
KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	03E72, 03H15, 60A05, 65G10	47	762
KELMANSON, MARK A.	38	See: INGHAM, DEREK B. & KELMANSON, MARK A.	47	751
KENNEDY, W. J., ODEH, R. E. & DAVENPORT, J. M., Editors	45	62Q05	47	759
LIONS, J.-L.	35	See: GLOWINSKI, R. & LIONS, J.-L., Editors	47	384
MCCONALOGUE, DENIS J.	28	See: BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MCCONALOGUE, DENIS J.	47	381
MILLER, WEBB	27	65-01, 65-04	47	379
MIRANKER, WILLARD L.	19	See: KAUCHER, EDGAR W. & MIRANKER, WILLARD L.	47	369
MOORE, R. E.	22	46-01, 65J05	47	372
NONWEILER, T. R. F.	7	65-01	46	761
NOYE, JOHN, Editor	2	65-02, 65F05, 65F10, 65L05, 65N10, 65N30, 65N50	46	358
ODEH, R. E.	45	See: KENNEDY, W. J., ODEH, R. E. & DAVENPORT, J. M., Editors	47	759
ODEN, J. TINSLEY & CAREY, GRAHAM F.	37	65N30, 65N15, 73K25	47	749
PADÉ, H.	1	01A55, 01A70, 41-03, 41A21	46	355
PARTER, SEYMOUR V., Editor	10	65-06, 68-06	46	766
PETTIFOR, D. G. & WEAIRE, D. L., Editors	3	65F15, 65F25, 82-02	46	358
PINKUS, ALLAN	43	41-02, 46-02	47	757
PLETCHER, RICHARD H.	8	See: ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	46	764

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	48	68-02, 68P05, 68Q25, 68U05	47	763
RABINOWITZ, PHILIP	5	See: DAVIS, PHILIP J. & RABINOWITZ, PHILIP	46	760
SAFF, E. B.	15	See: GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	46	768
SCHEUER, ERNEST M.	28	See: BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MCCONALOGUE, DENIS J.	47	381
SCHOENSTADT, ARTHUR	14	See: BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	46	767
SHAMOS, MICHAEL IAN	48	See: PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	47	763
SINGH, S. P., BURRY, J. W. H. & WATSON, B., Editors	11	41-06	46	766
SMITH, WILLIAM R.	17	See: FISCHER, P. & SMITH, WILLIAM R., Editors	46	768
SPÄTH, HELMUT	46	62-04, 62H30	47	761
STETTER, H. J.	23	See: BÖHMER, K. & STETTER, H. J., Editors	47	374
TANNEHILL, JOHN C.	8	See: ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	46	764
TEMME, N. M.	44	See: VAN DER LAAN, C. G. & TEMME, N. M.	47	758
TEO, K. L. & WU, Z. S.	39	93B40, 93C20, 93C75	47	752
THOMPSON, THOMAS M.	26	94B05, 05B40, 20D08	47	378
TURNER, P. R., Editor	18	65-06, 41A65, 65D15, 65N30	46	769
VAN DER LAAN, C. G. & TEMME, N. M.	44	65D20	47	758
VAN LOAN, CHARLES F.	24	See: GOLUB, GENE H. & VAN LOAN, CHARLES F.	47	376
VARGA, R. S.	15	See: GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	46	768
VERWER, J. G., Editor	29	65-06	47	382
VERWER, J. G.	40	See: DEKKER, K. & VERWER, J. G.	47	753
WARD, ROBERT	49	See: FREDRICKSEN, HAROLD & WARD, ROBERT	47	764
WATSON, B.	11	See: SINGH, S. P., BURRY, J. W. H & WATSON, B., Editors	46	766
WEAIRE, D. L.	3	See: PETTIFOR, D. G. & WAIRE, D. L., Editors	46	358
WHITEMAN, J. R., Editor	31	65-02, 65N30	47	383

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
WIMP, JET	21	33-04, 41A60, 42C10, 65Q05	47	371
WU, Z. S.	39	See: TEO, K. L. & WU, Z. S.	47	752

INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
01-XX History and Biography				
01A55 <i>19th Century</i>				
HYMAN, ANTHONY	4	Charles Babbage, Pioneer of the Computer	46	759
PADÉ, H.	1	Œuvres	46	355
01A70 <i>Biographies, Obituaries, Personalia</i>				
HYMAN, ANTHONY	4	Charles Babbage, Pioneer of the Computer	46	759
PADÉ, H.	1	Œuvres	46	355
03-XX Mathematical Logic and Foundations				
03E72 <i>Fuzzy Sets</i>				
KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	Introduction to Fuzzy Arithmetic, Theory and Applications	47	762
03H15 <i>Nonstandard Models of Arithmetic</i>				
KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	Introduction to Fuzzy Arithmetic, Theory and Applications	47	762
05-XX Combinatorics				
05B40 <i>Packing and Covering</i>				
THOMPSON, THOMAS M.	26	From Error-Correcting Codes through Sphere Packings to Simple Groups	47	378
11-XX Number Theory				
11T06 <i>Polynomials: Irreducibility, Factorisation, Distribution of Values</i>				
FREDRICKSEN, HAROLD & WARD, ROBERT	49	A Table of Irreducible Binary Penta- nomials of Degrees 4 Through 100	47	764
20-XX Group Theory and Generalisations				
20D08 <i>Simple Groups: Sporadic Groups</i>				
THOMPSON, THOMAS M.	26	From Error-Correcting Codes through Sphere Packings to Simple Groups	47	378
30-XX Functions of a Complex Variable				
30E10 <i>Approximation in the Complex Domain</i>				
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
33-XX Special Functions				
33-04 <i>Explicit Machine Computation and Programs</i>				
WIMP, JET	21	Computation with Recurrence Rela- tions	47	371

Author	Review Number	Title	Vol.	Page
33A65		<i>Orthogonal Special Functions and Polynomials</i> (Chebyshev, Hermite, Jacobi, Laguerre, etc.)		
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
35-XX Partial Differential Equations				
35-01 <i>Elementary Exposition; Textbooks</i>				
BLEISTEIN, NORMAN	6	Mathematical Methods for Wave Phenomena	46	760
35-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
CRANK, JOHN	9	Free and Moving Boundary Problems	46	765
35Jxx <i>Elliptic Equations and Systems</i>				
CRANK, JOHN	9	Free and Moving Boundary Problems	46	765
35Kxx <i>Parabolic Equations and Systems</i>				
CRANK, JOHN	9	Free and Moving Boundary Problems	46	765
35R35 <i>Free Boundary Problems</i>				
CRANK, JOHN	9	Free and Moving Boundary Problems	46	765
41-XX Approximations and Expansions				
41-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
PINKUS, ALLAN	43	n -Widths in Approximation Theory	47	757
41-03 <i>Historical</i>				
PADÉ, H.	1	Œuvres	46	355
41-06 <i>Proceedings, Conferences, etc.</i>				
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
SINGH, S. P., BURRY, J. W. H. & WATSON, B., Editors	11	Approximation Theory and Spline Functions	46	766
41A05 <i>Interpolation</i>				
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
41A20 <i>Approximation by Rational Functions</i>				
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
41A21 <i>Padé Approximation</i>				
GRAVES-MORRIS, P. R., SAFF, E. B. & VARGA, R. S., Editors	15	Rational Approximation and Inter- polation	46	768
PADÉ, H.	1	Œuvres	46	355
41A60 <i>Asymptotic Approximations, Asymptotic Expansions (Steepest Descent, etc.)</i>				
WIMP, JET	21	Computation with Recurrence Relations	47	371
41A65 <i>Abstract Approximation Theory (Approximation in Normed Linear Spaces and Other Abstract Spaces)</i>				
TURNER, P. R., Editor	18	Numerical Analysis Lancaster 1984	46	769

Author	Review Number	Title	Vol.	Page
42-XX Fourier Analysis				
42C10 <i>Fourier Series in Special Orthogonal Functions</i> (<i>Legendre Polynomials, Walsh Functions, etc.</i>)				
WIMP, JET	21	Computation with Recurrence Relations	47	371
45-XX Integral Equations				
45-01 <i>Elementary Exposition; Textbooks</i>				
JERRI, ABDUL J.	20	Introduction to Integral Equations with Applications	47	370
46-XX Functional Analysis				
46-01 <i>Elementary Exposition; Textbooks</i>				
MOORE, R. E.	22	Computational Functional Analysis	47	372
46-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
PINKUS, ALLAN	43	n -Widths in Approximation Theory	47	757
58-XX Global Analysis, Analysis on Manifolds				
58Fxx <i>Ordinary Differential Equations on Manifolds; Dynamical Systems</i>				
FISCHER, P. & SMITH, WILLIAM R., Editors	17	Chaos, Fractals, and Dynamics	46	768
60-XX Probability Theory and Stochastic Processes				
60A05 <i>Axioms; Other General Questions</i>				
KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	Introduction to Fuzzy Arithmetic, Theory and Applications	47	762
60K05 <i>Renewal Theory</i>				
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MC CONALOGUE, DENIS J.	28	Renewal Tables: Tables of Functions Arising in Renewal Theory	47	381
60K10 <i>Applications (Reliability, Demand Theory, etc.)</i>				
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MC CONALOGUE, DENIS J.	28	Renewal Tables: Tables of Functions Arising in Renewal Theory	47	381
62-XX Statistics				
62-04 <i>Explicit Machine Computation and Programs</i>				
SPÄTH, HELMUT	46	Cluster Dissection and Analysis; Theory, FORTRAN Programs, Examples	47	761
62H30 <i>Classification and Discrimination; Cluster Analysis</i>				
SPÄTH, HELMUT	46	Cluster Dissection and Analysis; Theory, FORTRAN Programs, Examples	47	761
62Q05 <i>Statistical Tables</i>				
KENNEDY, W. J., ODEH, R. E. & DAVENPORT, J. M., Editors	45	Selected Tables in Mathematical Statistics	47	759

Author	Review Number	Title	Vol.	Page
65-XX Numerical Analysis				
65-01 <i>Elementary Exposition; Textbooks</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
ATKINSON, KENDALL	36	Elementary Numerical Analysis	47	749
MILLER, WEBB	27	The Engineering of Numerical Software	47	379
NONWEILER, T. R. F.	7	Computational Mathematics, An Introduction to Numerical Approximation	46	761
65-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	Methods of Numerical Integration	46	760
GOLUB, GENE H. & VAN LOAN, CHARLES F.	24	Matrix Computations	47	376
GRIFFITHS, DAVID F., Editor	32	The Mathematical Basis of Finite Element Methods	47	383
KAUCHER, EDGAR W. & MIRANKER, WILLARD L.	19	Self-Validating Numerics for Function Space Problems, Computation with Guarantees for Differential and Integral Equations	47	369
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
WHITEMAN, J. R., Editor	31	The Mathematics of Finite Elements and Applications V	47	383
65-04 <i>Explicit Machine Computation and Programs</i>				
BREBBIA, C. A., Editor	30	Variational Methods in Engineering	47	383
MILLER, WEBB	27	The Engineering of Numerical Software	47	379
65-06 <i>Proceedings, Conferences, etc.</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
GLOWINSKI, R. & LIONS, J.-L., Editors	35	Computing Methods in Applied Sciences and Engineering, VI	47	384
GRIFFITHS, DAVID F., Editor	12	Numerical Analysis	46	767
HACKBUSCH, WOLFGANG, Editor	33	Efficient Solutions of Elliptic Systems	47	384
PARTER, SEYMOUR V., Editor	10	Large Scale Scientific Computation	46	766
TURNER, P. R., Editor	18	Numerical Analysis Lancaster 1984	46	769
VERWER, J. G., Editor	29	Colloquium Topics in Applied Numerical Analysis	47	382
65B05 <i>Extrapolation to the Limit, Deferred Corrections</i>				
BÖHMER, K. & STETTER, H. J., Editors	23	Defect Correction Methods—Theory and Applications	47	374
65C05 <i>Monte Carlo Methods</i>				
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	Methods of Numerical Integration	46	760

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
<i>65D07 Splines</i>				
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MC CONALOGUE, DENIS J.	28	Renewal Tables: Tables of Functions Arising in Renewal Theory	47	381
<i>65D15 Algorithms for Functional Approximation</i>				
TURNER, P. R., Editor	18	Numerical Analysis Lancaster 1984	46	769
<i>65D20 Computation of Special Functions, Construction of Tables</i>				
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MC CONALOGUE, DENIS J.	28	Renewal Tables: Tables of Functions Arising in Renewal Theory	47	381
VAN DER LAAN, C. G. & TEMME, N. M.	44	Calculation of Special Functions: The Gamma Function, the Expo- nential Integrals and Error-Like Functions	47	758
<i>56D30 Numerical Integration</i>				
BAXTER, LAURENCE A., SCHEUER, ERNEST M., BLISCHKE, WALLACE R. & MC CONALOGUE, DENIS J.	28	Renewal Tables: Tables of Functions Arising in Renewal Theory	47	381
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	Methods of Numerical Integration	46	760
<i>65D32 Quadrature and Cubature Formulas</i>				
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	Methods of Numerical Integration	46	760
<i>65F05 Direct Methods for Linear Systems and Matrix Inversion</i>				
EVANS, DAVID J., Editor	34	Sparsity and its Applications	47	384
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
<i>65F10 Iterative Methods for Linear Systems</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
EVANS, DAVID J., Editor	34	Sparsity and its Applications	47	384
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
<i>65F15 Eigenvalues, Eigenvectors</i>				
EVANS, DAVID J., Editor	34	Sparsity and its Applications	47	384
PETTIFOR, D. G. & WEAIRE, D. L., Editors	3	The Recursion Method and its Applications	46	358
<i>65F25 Orthogonalization</i>				
PETTIFOR, D. G. & WEAIRE, D. L., Editors	3	The Recursion Method and its Applications	46	358
<i>65F50 Sparse Matrices</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767

Author	Review Number	Title	Vol.	Page
<i>65G10 Interval and Finite Arithmetic</i>				
KAUCHER, EDGAR W. & MIRANKER, WILLARD L.	19	Self-Validating Numerics for Function Space Problems, Computation with Guarantees for Differential and Integral Equations	47	369
KAUFMANN, ARNOLD & GUPTA, MADAN M., Editors	47	Introduction to Fuzzy Arithmetic, Theory and Applications	47	762
<i>65H10 Systems of Equations</i>				
EVANS, DAVID J., Editor	34	Sparsity and its Applications	47	384
<i>65Jxx Numerical Analysis in Abstract Spaces</i>				
<i>65J05 General</i>				
BÖHMER, K. & STETTER, H. J., Editors	23	Defect Correction Methods—Theory and Applications	47	374
MOORE, R. E.	22	Computational Functional Analysis	47	372
<i>65J10 Equations With Linear Operators</i>				
KAUCHER, EDGAR W. & MIRANKER, WILLARD L.	19	Self-Validating Numerics for Function Space Problems, Computation with Guarantees for Differential and Integral Equations	47	369
<i>65K05 Mathematical Programming</i>				
EVANS, DAVID J., Editor	34	Sparsity and its Applications	47	384
<i>65L05 Initial Value Problems</i>				
AIKEN, RICHARD C., Editor	41	Stiff Computation	47	755
DEKKER, K. & VERWER, J. G.	40	Stability of Runge-Kutta Methods for Stiff Nonlinear Differential Equations	47	753
HUNSDORFER, W. H.	42	The Numerical Solution of Nonlinear Stiff Initial Value Problems: An Analysis of One-Step Methods	47	756
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
<i>65L20 Stability of Numerical Methods</i>				
AIKEN, RICHARD C., Editor	41	Stiff Computation	47	755
DEKKER, K. & VERWER, J. G.	40	Stability of Runge-Kutta Methods for Stiff Nonlinear Differential Equations	47	753
HUNSDORFER, W. H.	42	The Numerical Solution of Nonlinear Stiff Initial Value Problems: An Analysis of One-Step Methods	47	756
<i>65Mxx Partial Differential Equations, Initial Value Problems</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
<i>65M20 Method of Lines</i>				
DEKKER, K. & VERWER, J. G.	40	Stability of Runge-Kutta Methods for Stiff Nonlinear Differential Equations	47	753

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
65M60 <i>Finite Elements, Rayleigh-Ritz and Galerkin Methods, Finite Methods</i>				
BREBBIA, C. A., Editor	30	Variational Methods in Engineering	47	383
65Nxx <i>Partial Differential Equations, Boundary Value Problems</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
65N10 <i>Stability and Convergence of Difference Methods</i>				
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
65N15 <i>Error Bounds</i>				
ODEN, J. TINSLEY & CAREY, GRAHAM F.	37	Finite Elements, Mathematical Aspects	47	749
65N30 <i>Finite Elements, Rayleigh-Ritz and Galerkin Methods, Finite Methods</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
BREBBIA, C. A., Editor	30	Variational Methods in Engineering	47	383
GRIFFITHS, DAVID F., Editor	32	The Mathematical Basis of Finite Element Methods	47	383
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
ODEN, J. TINSLEY & CAREY, GRAHAM F.	37	Finite Elements, Mathematical Aspects	47	749
TURNER, P. R., Editor	18	Numerical Analysis Lancaster 1984	46	769
WHITEMAN, J. R., Editor	31	The Mathematics of Finite Elements and Applications V	47	383
65N35 <i>Collocation and Related Methods</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
65N50 <i>Mesh Generation and Refinement</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
NOYE, JOHN, Editor	2	Computational Techniques for Differential Equations	46	358
65N99 <i>None of the Above, but in This Section</i>				
INGHAM, DEREK B. & KELMANSON, MARK A.	38	Boundary Integral Equation Analyses of Singular, Potential, and Biharmonic Problems	47	751
65P05 <i>Partial Differential Equations, Miscellaneous Problems</i>				
CRANK, JOHN	9	Free and Moving Boundary Problems	46	765
65Q05 <i>Difference and Functional Equations, Recurrence Relations</i>				
WIMP, JET	21	Computation with Recurrence Relations	47	371
65V05 <i>Automated Algorithms</i>				
DAVIS, PHILIP J. & RABINOWITZ, PHILIP	5	Methods of Numerical Integration	46	760

Author	Review Number	Title	Vol.	Page
68-XX Computer Science				
68-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	48	Computational Geometry—An Introduction	47	763
68-03 <i>Historical</i>				
HYMAN, ANTHONY	4	Charles Babbage, Pioneer of the Computer	46	759
68-06 <i>Proceedings, Conferences, etc.</i>				
FITCH, JOHN, Editor	13	EUROSAM 84	46	767
GLOWINSKI, R. & LIONS, J.-L., Editors	35	Computing Methods in Applied Sciences and Engineering, VI	47	384
PARTER, SEYMOUR V., Editor	10	Large Scale Scientific Computation	46	766
68Nxx <i>Software</i>				
68N99 <i>None of the Above, but in This Section</i>				
BIRKHOFF, GARRETT & SCHOENSTADT, ARTHUR, Editors	14	Elliptic Problem Solvers II	46	767
68P05 <i>Data Structures</i>				
PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	48	Computational Geometry—An Introduction	47	763
68Q25 <i>Analysis of Algorithms</i>				
PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	48	Computational Geometry—An Introduction	47	763
68Q40 <i>Symbolic Computation, Algebraic Computation</i>				
FITCH, JOHN, Editor	13	EUROSAM 84	46	767
68U05 <i>Computer Graphics; Computational Geometry</i>				
PREPARATA, FRANCO P. & SHAMOS, MICHAEL IAN	48	Computational Geometry—An Introduction	47	763
70-XX Mechanics of Particles and Systems				
70Kxx <i>Nonlinear Motions</i>				
FISCHER, P. & SMITH, WILLIAM R., Editors	17	Chaos, Fractals, and Dynamics	46	768
73-XX Mechanics of Solids				
73K25 <i>Finite Element Methods</i>				
ODEN, J. TINSLEY & CAREY, GRAHAM F.	37	Finite Elements, Mathematical Aspects	47	749
76-XX Fluid Mechanics				
76-01 <i>Elementary Exposition; Textbooks</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
76-06 <i>Proceedings, Conferences, etc.</i>				
GLOWINSKI, R. & LIONS, J.-L., Editors	35	Computing Methods in Applied Sciences and Engineering, VI	47	384

Author	Review Number	Title	Vol.	Page
76-08 Computational Methods				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
78-XX Optics, Electromagnetic Theory				
78-06 <i>Proceedings, Conferences, etc.</i>				
BOERNER, WOLFGANG-M. ET AL., Editors	16	Inverse Methods in Electromagnetic Imaging	46	768
78A05 <i>Geometric Optics</i>				
BLEISTEIN, NORMAN	6	Mathematical Methods for Wave Phenomena	46	760
78A45 <i>Diffraction, Scattering</i>				
BOERNER, WOLFGANG-M. ET AL., Editors	16	Inverse Methods in Electromagnetic Imaging	46	768
80-XX Classical Thermodynamics, Heat Transfer				
80-01 <i>Elementary Exposition; Textbooks</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
80-08 <i>Computational Methods</i>				
ANDERSON, DALE A., TANNEHILL, JOHN C. & PLETCHER, RICHARD H.	8	Computational Fluid Mechanics and Heat Transfer	46	764
82-XX Statistical Physics, Structure of Matter				
82-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
PETTIFOR, D. G. & WEAIRE, D. L., Editors	3	The Recursion Method and its Applications	46	358
82-06 <i>Proceedings, Conferences, etc.</i>				
GLOWINSKI, R. & LIONS, J.-L., Editors	35	Computing Methods in Applied Sciences and Engineering, VI	47	384
92-XX Biology and Behavioral Sciences				
92-01 <i>Elementary Exposition; Textbooks</i>				
BELLMAN, R.	25	Mathematical Methods in Medicine	47	378
93-XX Systems Theory; Control				
93B40 <i>Computational Methods</i>				
TEO, K. L. & WU, Z. S.	39	Computational Methods for Opti- mizing Distributed Systems	47	752
93C20 <i>Systems Governed by Partial Differential Equations</i>				
TEO, K. L. & WU, Z. S.	39	Computational Methods for Opti- mizing Distributed Systems	47	752
93C75 <i>Applications of Control Theory</i>				
TEO, K. L. & WU, Z. S.	39	Computational Methods for Opti- mizing Distributed Systems	47	752

<i>Author</i>		<i>Title</i>	<i>Vol.</i>	<i>Page</i>
94-XX Information and Communication, Circuits				
94B05 <i>Linear Codes, General</i>				
THOMPSON, THOMAS M.	26	From Error-Correcting Codes through Sphere Packings to Simple Groups	47	378

INDEX OF ERRATA

<i>No.</i>	<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
607	GRADSHTEYN, I. S. & RYZHIK, I. M.	Table of Integrals, Series, and Products	47	768
606	HANSEN, ELDON R.	A Table of Series and Products	47	767

INDEX OF CORRIGENDA

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
BRENT, R. P., VAN DE LUNE, J., TE RIELE, H. J. J. & WINTER, D. T.	On the Zeros of the Riemann Zeta Function in the Critical Strip. II	46	771
HASEGAWA, TAKEMITSU, TORII, TATSUO & NINOMIYA, ICHIZO	Generalized Chebyshev Interpolation and its Application to Automatic Quadrature	47	385
HEALD, MARK A.	Rational Approximations for the Fresnel Integrals	46	771
VAN DE LUNE, J. & TE RIELE, H. J. J.	On the Zeros of the Riemann Zeta Function in the Critical Strip. III	46	771
SKEEL, R. D.	Equivalent Forms of Multistep Formulas	47	769

INDEX OF SUPPLEMENTS

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
BAUER, HELMUT F.	Supplement to "Table of the Roots of the Associated Legendre Function with Respect to the Degree"	46	April
BEALE, J. THOMAS	Supplement to "A Convergent 3-D Vortex Method With Grid-Free Stretching"	46	April
CALIÓ, FRANCA, GAUTSCHI, WALTER & MARCHETTI, ELENA	Supplement to "On Computing Gauss- Kronrod Quadrature Formulae"	47	Oct.
DELFOUR, M. C. AND DUBEAU, F.	Supplement to "Discontinuous Polynomial Approximations in the Theory of One-Step, Hybrid and Multistep Methods for Nonlinear Ordinary Differential Equations"	47	July
FÖRSTER, KLAUS-JÜRGEN & OSTERMEYER, GEORG-PETER	Supplement to "On Weighted Chebyshev- Type Quadrature Formulas"	46	April
MCINTYRE, E. A., JR.	Supplement to "Boundary Integral Solutions of the Heat Equations"	46	Jan.
MAJDA, GEORGE	Supplement to "Stability with Large Step Sizes for Multistep Discretizations of Stiff Ordinary Differential Equations"	47	Oct.

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
MANTEUFFEL, THOMAS A. & WHITE, ANDREW B., JR.	Supplement to "The Numerical Solution of Second-Order Boundary Value Problems on Nonuniform Meshes"	47	Oct.
TE RIELE, H. J. J.	Supplement to "Computation of All the Amicable Pairs Below 10^{10} "	47	July
SKEEL, ROBERT D.	Supplement to "Construction of Variable- Stepsize Multistep Formulas"	47	Oct.
YAMAKI, HIROYOSHI	Supplement to "A Conjecture of Frobenius and the Sporadic Simple Groups. II"	46	April

INDEX OF MICROFICHE SUPPLEMENTS

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
REICHERT, MARKUS A.	Explicit Determination of Nontrivial Torsion Structures of Elliptic Curves Over Quadratic Number Fields	46	April