

# INDEXES TO VOLUMES 48 AND 49

## AUTHOR INDEX

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
ADAMS, WILLIAM W.	Characterizing Pseudoprimes for Third-Order Linear Recurrences . . . . .	48	1
ADLEMAN, LEONARD M., ESTES, DENNIS R. & MCCURLEY, KEVIN S.	Solving Bivariate Quadratic Congruences in Random Polynomial Time . . . . .	48	17
ANANTHAKRISHNAIAH, U.	<i>P</i> -Stable Obrechhoff Methods with Minimal Phase-Lag for Periodic Initial Value Problems . . .	49	553
ATKINSON, KENDALL & BOGOMOLNY, ALEX	The Discrete Galerkin Method for Integral Equations . . . . .	48	595
AUZINGER, WINFRIED	Defect Corrections for Multigrid Solutions of the Dirichlet Problem in General Domains . . . .	48	471
BANERJEE, U., LARDY, L. J. & LUTOBORSKI, A.	Asymptotic Expansions of Integrals of Certain Rapidly Oscillating Functions . . . . .	49	243
BERRUT, JEAN-PAUL & TRUMMER, MANFRED R.	Equivalence of Nyström's Method and Fourier Methods for the Numerical Solution of Fredholm Integral Equations . . . . .	48	617
BLECKSMITH, RICHARD, BRILLHART, JOHN & GERST, IRVING	Parity Results for Certain Partition Functions and Identities Similar to Theta Function Identities . . . . .	48	29
BOGOMOLNY, ALEX	<i>See: ATKINSON, KENDALL &amp; BOGOMOLNY, ALEX</i> . . . . .	48	595
BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H.	The Construction of Preconditioners for Elliptic Problems by Substructuring. II . . . . .	49	1
BRAMBLE, JAMES H. & PASCIAK, JOSEPH E.	New Convergence Estimates for Multigrid Algorithms . . . . .	49	311
BRILLHART, JOHN	<i>See: BLECKSMITH, RICHARD, BRILLHART, JOHN &amp; GERST, IRVING</i> . . . . .	48	29
BUCHMANN, JOHANNES	The Computation of the Fundamental Unit of Totally Complex Quartic Orders . . . . .	48	39
BUCHMANN, JOHANNES & WILLIAMS, H. C.	On Principal Ideal Testing in Totally Complex Quartic Fields and the Determination of Certain Cyclotomic Constants . . . . .	48	55
BUCK, NICHOLAS, SMITH, LONES, SPEARMAN, BLAIR K. & WILLIAMS, KENNETH S.	The Cyclotomic Numbers of Order Fifteen . . .	48	67
BUELL, DUNCAN A.	Class Groups of Quadratic Fields. II . . . . .	48	85
BUELL, DUNCAN A.	Integer Squares with Constant Second Difference	49	635
BULLIMAN, BRIAN T.	<i>See: KUCHEL, PHILIP W., BULLIMAN, BRIAN T. &amp; FACKERELL, EDWARD D.</i> . .	49	607
CANTOR, DAVID G.	Computing in the Jacobian of a Hyperelliptic Curve . . . . .	48	95
CARLSON, B. C.	A Table of Elliptic Integrals of the Second Kind	49	595
CHANG, CHIEN-CHENG	Numerical Solution of Stochastic Differential Equations with Constant Diffusion Coefficients . .	49	523

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
CHEN, GOONG & TSAI, YING-LIANG	The Boundary Element Numerical Method for Two-Dimensional Linear Quadratic Elliptic Problems: (I) Neumann Control . . . . .	49	479
CHERUBINI, JUERGEN M. & WALLISSER, ROLF V.	On the Computation of All Imaginary Quadratic Fields of Class Number One . . . . .	49	295
CHUI, C. K., JETTER, K. & WARD, J. D.	Cardinal Interpolation by Multivariate Splines . . . . .	48	711
COHEN, H. & LENSTRA, A. K.	Implementation of a New Primality Test . . . . .	48	103
COHEN, H. & MARTINET, J.	Class Groups of Number Fields: Numerical Heuristics . . . . .	48	123
COHN, HARVEY & DEUTSCH, JESSE	Application of Symbolic Manipulation to Hecke Transformations of Modular Forms in Two Variables . . . . .	48	139
COLEMAN, JOHN P. & SMITH, RUSSELL A.	The Faber Polynomials for Circular Sectors . . . . .	49	231
COSTABEL, MARTIN & STEPHAN, ERNST P.	On the Convergence of Collocation Methods for Boundary Integral Equations on Polygons . . . . .	49	461
COTTET, G. H.	Convergence of a Vortex In Cell Method for the Two-Dimensional Euler Equations . . . . .	49	407
CRISCUOLO, GIULIANA & MASTROIANNI, GIUSEPPE	On the Convergence of an Interpolatory Product Rule for Evaluating Cauchy Principal Value Integrals . . . . .	48	725
CROUZEIX, M. & THOMÉE, V.	The Stability in $L_p$ and $W_p^1$ of the $L_2$ -Projection onto Finite Element Function Spaces . . . . .	48	521
CROUZEIX, MICHEL & THOMÉE, VIDAR	On the Discretization in Time of Semilinear Parabolic Equations with Nonsmooth Initial Data . . . . .	49	359
CUSICK, T. W. & SCHOENFELD, LOWELL	A Table of Fundamental Pairs of Units in Totally Real Cubic Fields . . . . .	48	147
DEUTSCH, JESSE	<i>See:</i> COHN, HARVEY & DEUTSCH, JESSE . . . . .	48	139
DUDLEY, R. M.	Some Inequalities for Continued Fractions . . . . .	49	585
DURÁN, RICARDO G.	Quasi-Optimal Estimates for Finite Element Approximations Using Orlicz Norms . . . . .	49	17
ENGQUIST, BJÖRN & GUSTAFSSON, BERTIL	Steady State Computations for Wave Propagation Problems . . . . .	49	39
ERICSSON, THOMAS	<i>See:</i> NOUR-OMID, BAHRAM, PARLETT, BERESFORD N., ERICSSON, THOMAS & JENSEN, PAUL S. . . . .	48	663
ERIKSSON, KENNETH & NIE, YI-YONG	Convergence Analysis for a Nonsymmetric Galerkin Method for a Class of Singular Boundary Value Problems in One Space Dimension . . . . .	49	167
ERNVALL, R. & METSÄNKYLÄ, T.	A Method for Computing the Iwasawa $\lambda$ -Invariant . . . . .	49	281
ESTES, DENNIS R.	<i>See:</i> ADLEMAN, LEONARD M., ESTES, DENNIS R. & MCCURLEY, KEVIN S. . . . .	48	17
FACKERELL, EDWARD D.	<i>See:</i> KUCHEL, PHILIP W., BULLIMAN, BRIAN T. & FACKERELL, EDWARD D. . . . .	49	607
FAM, ADLY T.	<i>See:</i> JING, ZHONGQI & FAM, ADLY T. . . . .	48	691
FARRELL, RICHARD A.	<i>See:</i> STOYANOV, BASIL J. & FARRELL, RICHARD A. . . . .	49	275
FÖRSTER, KLAUS-JÜRGEN	On Weight Functions Admitting Chebyshev Quadrature . . . . .	49	251

## AUTHOR INDEX

657

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
GARTLAND, EUGENE C., JR.	Uniform High-Order Difference Schemes for a Singularly Perturbed Two-Point Boundary Value Problem . . . . .	48	551
DE GEE, MAARTEN	Linear Multistep Methods for Functional Differential Equations . . . . .	48	633
GERST, IRVING	<i>See:</i> BLECKSMITH, RICHARD, BRILLHART, JOHN & GERST, IRVING . . . . .	48	29
GFRERER, HELMUT	An A Posteriori Parameter Choice for Ordinary and Iterated Tikhonov Regularization of Ill-Posed Problems Leading to Optimal Convergence Rates . . . . .	49	507
GIRSTMAIR, KURT	On Invariant Polynomials and Their Application in Field Theory . . . . .	48	781
GLADWIN, C. J.	An Algorithm for the Construction of Optimal Methods for the Numerical Solution of Volterra Integral Equations of the First Kind . . . . .	48	625
GOLDBERG, MOSHE & TADMOR, EITAN	Convenient Stability Criteria for Difference Approximations of Hyperbolic Initial-Boundary Value Problems. II . . . . .	48	503
GORDON, DANIEL M.	Perfect Multiple Error-Correcting Arithmetic Codes . . . . .	49	621
GORDON, DANIEL, GRENIER, DOUGLAS & TERRAS, AUDREY	Hecke Operators and the Fundamental Domain for $SL(3, \mathbf{Z})$ . . . . .	48	159
GRAS, MARIE-NICOLE	Special Units in Real Cyclic Sextic Fields . . . . .	48	179
GRENIER, DOUGLAS	<i>See:</i> GORDON, DANIEL, GRENIER, DOUGLAS & TERRAS, AUDREY . . . . .	48	159
GROETSCH, C. W. & VOGEL, C. R.	Asymptotic Theory of Filtering for Linear Operator Equations with Discrete Noisy Data . . . . .	49	499
GUIRGUIS, GEORGES H.	A Third-Order Boundary Condition for the Exterior Stokes Problem in Three Dimensions . . . . .	49	379
GUSTAFSSON, BERTIL	<i>See:</i> ENGQUIST, BJÖRN & GUSTAFSSON, BERTIL . . . . .	49	39
GUY, R. K., LACAMPAGNE, C. B. & SELFRIDGE, J. L.	Primes at a Glance . . . . .	48	183
HAGSTROM, T. M. & KELLER, H. B.	Asymptotic Boundary Conditions and Numerical Methods for Nonlinear Elliptic Problems on Unbounded Domains . . . . .	48	449
HARDY, KENNETH, HUDSON, R. H., RICHMAN, D., WILLIAMS, KENNETH S. & HOLTZ, N. M.	Calculation of the Class Numbers of Imaginary Cyclic Quartic Fields . . . . .	49	615
HIGDON, ROBERT L.	Numerical Absorbing Boundary Conditions for the Wave Equation . . . . .	49	65
HOLTZ, N. M.	<i>See:</i> HARDY, KENNETH, HUDSON, R. H., RICHMAN, D., WILLIAMS, KENNETH S. & HOLTZ, N. M. . . . .	49	615
HUDSON, R. H.	<i>See:</i> HARDY, KENNETH, HUDSON, R. H., RICHMAN, D., WILLIAMS, KENNETH S. & HOLTZ, N. M. . . . .	49	615
ISERLES, A. & NØRSETT, S. P.	Two-Step Methods and Bi-Orthogonality . . . . .	49	543

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
JENSEN, PAUL S.	<i>See:</i> NOUR-OMID, BAHRAM, PARLETT, BERESFORD N., ERICSSON, THOMAS & JENSEN, PAUL S. . . . .	48	663
JETTER, K.	<i>See:</i> CHUI, C. K., JETTER, K. & WARD, J. D.	48	711
JIA, RONG-QING	$L_\infty$ -Boundedness of $L_2$ -Projections on Splines for a Multiple Geometric Mesh . . . . .	48	675
JING, ZHONGQI & FAM, ADLY T.	An Algorithm for Computing Continuous Chebyshev Approximations . . . . .	48	691
JOHNSEN, BEN & STRAUME, ELДАР	Counting Binary Matrices with Given Row and Column Sums . . . . .	48	737
JOHNSON, C., SCHATZ, A. H. & WAHLBIN, L. B.	Crosswind Smear and Pointwise Errors in Streamline Diffusion Finite Element Methods . . . .	49	25
JOHNSON, CLAES, LARSSON, STIG, THOMÉE, VIDAR & WAHLBIN, LARS B.	Error Estimates for Spatially Discrete Approximations of Semilinear Parabolic Equations with Nonsmooth Initial Data . . . . .	49	331
JOHNSON, CLAES & SZEPESSY, ANDERS	On the Convergence of a Finite Element Method for a Nonlinear Hyperbolic Conservation Law	49	427
KEARFOTT, R. BAKER	Abstract Generalized Bisection and a Cost Bound . . . . .	49	187
KELLER, H. B.	<i>See:</i> HAGSTROM, T. M. & KELLER, H. B. . . . .	48	449
KISS, PÉTER & PHONG, BUI MINH	On a Problem of A. Rotkiewicz . . . . .	48	751
KOBLITZ, NEAL	Elliptic Curve Cryptosystems . . . . .	48	203
KUCHEL, PHILIP W., BULLIMAN, BRIAN T. & FACKERELL, EDWARD D.	Bi-Cyclide and Flat-Ring Cyclide Coordinate Surfaces: Correction of Two Expressions . . . . .	49	607
KUMAR, SUNIL & SLOAN, IAN H.	A New Collocation-Type Method for Hammerstein Integral Equations . . . . .	48	585
LACAMPAGNE, C. B.	<i>See:</i> GUY, R. K., LACAMPAGNE, C. B. & SELF-RIDGE, J. L. . . . .	48	183
LARDY, L. J.	<i>See:</i> BANERJEE, U., LARDY, L. J. & LUTOBORSKI, A. . . . .	49	243
LARSSON, STIG	<i>See:</i> JOHNSON, CLAES, LARSSON, STIG, THOMÉE VIDAR & WAHLBIN, LARS B. . .	49	331
LAVOIE, J. L.	Some Summation Formulas for the Series ${}_3F_2(1)$	49	269
LEHMER, D. H. & LEHMER, EMMA	Cyclotomic Resultants . . . . .	48	211
LEHMER, EMMA	<i>See:</i> LEHMER, D. H. & LEHMER, EMMA . . . .	48	211
LENSTRA, A. K.	<i>See:</i> COHEN, H. & LENSTRA, A. K. . . . .	48	103
LENSTRA, H. W., JR. & SCHOOF, R. J.	Primitive Normal Bases for Finite Fields . . . .	48	217
LUTOBORSKI, A.	<i>See:</i> BANERJEE, U., LARDY, L. J. & LUTOBORSKI, A. . . . .	49	243
MCCURLEY, KEVIN S.	<i>See:</i> ADLEMAN, LEONARD M., ESTES, DENNIS R. & MCCURLEY, KEVIN S. . . . .	48	17
MARTINET, J.	<i>See:</i> COHEN, H. & MARTINET, J. . . . .	48	123
MASTROIANNI, GIUSEPPE	<i>See:</i> CRISCUOLO, GIULIANA & MASTROIANNI, GIUSEPPE . . . . .	48	725
MATTHEIJ, R. M. M.	On the Computation of Solutions of Boundary Value Problems on Infinite Intervals . . . . .	48	533
METSÄNKYLÄ, T.	<i>See:</i> ERNVALL, R. & METSÄNKYLÄ, T. . . . .	49	281

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
MICHELSON, DANIEL	Convergence Theorem for Difference Approximations of Hyperbolic Quasi-Linear Initial-Boundary Value Problems . . . . .	49	445
MJOLSNESS, R. C. & SWARTZ, BLAIR	Some Plane Curvature Approximations . . . . .	49	215
MOLLIN, R. A.	Class Numbers of Quadratic Fields Determined by Solvability of Diophantine Equations . . .	48	233
MONTGOMERY, PETER L.	Speeding the Pollard and Elliptic Curve Methods of Factorization . . . . .	48	243
MOODY, R. V. & PATERA, J.	Computation of Character Decompositions of Class Functions on Compact Semisimple Lie Groups . . . . .	48	799
NASSIF, NABIL R.	Eigenvalue Finite Difference Approximations for Regular and Singular Sturm-Liouville Problems . . . . .	49	561
NEUBAUER, A.	Finite-Dimensional Approximation of Constrained Tikhonov-Regularized Solutions of Ill-Posed Linear Operator Equations . . . . .	48	565
NEWMAN, MORRIS & THOMPSON, ROBERT C.	Numerical Values of Goldberg's Coefficients in the Series for $\log(e^x e^y)$ . . . . .	48	265
NIE, YI-YONG	<i>See:</i> ERIKSSON, KENNETH & NIE, YI-YONG .	49	167
NØRSETT, S. P.	<i>See:</i> ISERLES, A. & NØRSETT, S. P. . . . .	49	543
NOUR-OMID, BAHRAM, PARLETT, BERESFORD N., ERICSSON, THOMAS & JENSEN, PAUL S.	How to Implement the Spectral Transformation	48	663
ODLYZKO, A. M.	On the Distribution of Spacings Between Zeros of the Zeta Function . . . . .	48	273
OKECHA, G. E.	Quadrature Formulae for Cauchy Principal Value Integrals of Oscillatory Kind . . . . .	49	259
PARLETT, BERESFORD N.	<i>See:</i> NOUR-OMID, BAHRAM, PARLETT, BERESFORD N., ERICSSON, THOMAS & JENSEN, PAUL S. . . . .	48	663
PASCIAK, J. E.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H. . . . .	49	1
PASCIAK, JOSEPH E.	<i>See:</i> BRAMBLE, JAMES H. & PASCIAK, JOSEPH E. . . . .	49	311
PATERA, J.	<i>See:</i> MOODY, R. V. & PATERA, J. . . . .	48	799
PHONG, BUI MINH	<i>See:</i> KISS, PÉTER & PHONG, BUI MINH . . .	48	751
POHST, M.	On Computing Isomorphisms of Equation Orders	48	309
POMERANCE, CARL	Very Short Primality Proofs . . . . .	48	315
RICHMAN, D.	<i>See:</i> HARDY, KENNETH, HUDSON, R. H., RICHMAN, D., WILLIAMS, KENNETH S. & HOLTZ, N. M. . . . .	49	615
TE RIELE, HERMAN J. J.	On the Sign of the Difference $\pi(x) - \text{li}(x)$ . . . .	48	323
RÜCK, HANS-GEORG	A Note on Elliptic Curves Over Finite Fields . .	49	301
SAAD, YUCEF	On the Lanczos Method for Solving Symmetric Linear Systems with Several Right-Hand Sides . . . . .	48	651
SARANEN, JUKKA	Local Error Estimates for Some Petrov-Galerkin Methods Applied to Strongly Elliptic Equations on Curves . . . . .	48	485

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
SCHATZ, A. H.	<i>See:</i> BRAMBLE, J. H., PASCIAK, J. E. & SCHATZ, A. H. . . . .	49	1
SCHATZ, A. H.	<i>See:</i> JOHNSON, C., SCHATZ, A. H. & WAHLBIN, L. B. . . . .	49	25
SCHOENFELD, LOWELL	<i>See:</i> CUSICK, T. W. & SCHOENFELD, LOWELL	48	147
SCHOOF, R. J.	<i>See:</i> LENSTRA, H. W., JR. & SCHOOF, R. J. .	48	217
SELFDRIDGE, J. L.	<i>See:</i> GUY, R. K., LACAMPAGNE, C. B. & SELFDRIDGE, J. L. . . . .	48	183
SEYSEN, MARTIN	A Probabilistic Factorization Algorithm with Quadratic Forms of Negative Discriminant . . . .	48	757
SHI, ZHONG-CI	The F-E-M-Test for Convergence of Nonconforming Finite Elements . . . . .	49	391
SHU, CHI-WANG	TVB Uniformly High-Order Schemes for Conservation Laws . . . . .	49	105
SHU, CHI-WANG	TVB Boundary Treatment for Numerical Solutions of Conservation Laws . . . . .	49	123
SILVERMAN, ROBERT D.	The Multiple Polynomial Quadratic Sieve . . . .	48	329
SLOAN, IAN H.	<i>See:</i> KUMAR, SUNIL & SLOAN, IAN H. . . . .	48	585
SMITH, LONES	<i>See:</i> BUCK, NICHOLAS, SMITH, LONES, SPEARMAN, BLAIR K. & WILLIAMS, KENNETH S.	48	67
SMITH, RUSSELL A.	<i>See:</i> COLEMAN, JOHN P. & SMITH, RUSSELL A. . . . .	49	231
SPEARMAN, BLAIR K.	<i>See:</i> BUCK, NICHOLAS, SMITH, LONES, SPEARMAN, BLAIR K. & WILLIAMS, KENNETH S.	48	67
SPEKREIJSE, STEFAN	Multigrid Solution of Monotone Second-Order Discretizations of Hyperbolic Conservation Laws	49	135
STEPHAN, ERNST P.	<i>See:</i> COSTABEL, MARTIN & STEPHAN, ERNST P. . . . .	49	461
STOER, J. & TAPIA, R. A.	On the Characterization of $q$ -Superlinear Convergence of Quasi-Newton Methods for Constrained Optimization . . . . .	49	581
STOYANOV, BASIL J. & FARRELL, RICHARD A.	On the Asymptotic Evaluation of $\int_0^{\pi/2} J_0^2(\lambda \sin x) dx$ . . . . .	49	275
STRAUME, ELДАР	<i>See:</i> JOHNSEN, BEN & STRAUME, ELДАР . .	48	737
SWARTZ, BLAIR	<i>See:</i> MJOLNESS, R. C. & SWARTZ, BLAIR . .	49	215
SZEPESSY, ANDERS	<i>See:</i> JOHNSON, CLAES & SZEPESSY, ANDERS	49	427
TADMOR, EITAN	The Numerical Viscosity of Entropy Stable Schemes for Systems of Conservation Laws. I . . . . .	49	91
TADMOR, EITAN	<i>See:</i> GOLDBERG, MOSHE & TADMOR, EITAN	48	503
TANNER, JONATHAN W. & WAGSTAFF, SAMUEL S., JR.	New Congruences for the Bernoulli Numbers . .	48	341
TAPIA, R. A.	<i>See:</i> STOER, J. & TAPIA, R. A. . . . .	49	581
TERRAS, AUDREY	<i>See:</i> GORDON, DANIEL, GRENIER, DOUGLAS & TERRAS, AUDREY . . . . .	48	159
THOMPSON, ROBERT C.	<i>See:</i> NEWMAN, MORRIS & THOMPSON, ROBERT C. . . . .	48	265
THOMÉE, V.	<i>See:</i> CROUZEIX, M. & THOMÉE, V. . . . .	48	521
THOMÉE, VIDAR	<i>See:</i> JOHNSON, CLAES, LARSSON, STIG, THOMÉE VIDAR & WAHLBIN, LARS B. . .	49	331

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
THOMÉE, VIDAR	<i>See: CROUZEIX, MICHEL &amp; THOMÉE, VIDAR</i>	49	359
TRUMMER, MANFRED R.	<i>See: BERRUT, JEAN-PAUL &amp; TRUMMER, MANFRED R. . . . .</i>	48	617
TSAI, YING-LIANG	<i>See: CHEN, GOONG &amp; TSAI, YING-LIANG . .</i>	49	479
TSCHÖPE, HEINZ M. & ZIMMER, HORST G.	Computation of the Néron-Tate Height on Elliptic Curves . . . . .	48	351
TSUCHIYA, TAKUYA	Discrete Solution of the Plateau Problem and Its Convergence . . . . .	49	157
VOGEL, C. R.	<i>See: GROETSCH, C. W. &amp; VOGEL, C. R. . . .</i>	49	499
WAGSTAFF, SAMUEL S., JR.	<i>See: TANNER, JONATHAN W. &amp; WAGSTAFF, SAMUEL S., JR. . . . .</i>	48	341
WAHLBIN, L. B.	<i>See: JOHNSON, C., SCHATZ, A. H. &amp; WAHLBIN, L. B. . . . .</i>	49	25
WAHLBIN, LARS B.	<i>See: JOHNSON, CLAES, LARSSON, STIG, THOMÉE VIDAR &amp; WAHLBIN, LARS B. . .</i>	49	331
WALLISSER, ROLF V.	<i>See: CHERUBINI, JUERGEN M. &amp; WALLISSER, ROLF V. . . . .</i>	49	295
WARD, J. D.	<i>See: CHUI, C. K., JETTER, K. &amp; WARD, J. D.</i>	48	711
WASHINGTON, LAWRENCE C.	Class Numbers of the Simplest Cubic Fields . .	48	371
WILLIAMS, H. C.	Effective Primality Tests for Some Integers of the Forms $A5^n - 1$ and $A7^n - 1$ . . . . .	48	385
WILLIAMS, H. C.	<i>See: BUCHMANN, JOHANNES &amp; WILLIAMS, H. C. . . . .</i>	48	55
WILLIAMS, H. C. & WUNDERLICH, M. C.	On the Parallel Generation of the Residues for the Continued Fraction Factoring Algorithm	48	405
WILLIAMS, KENNETH S.	<i>See: BUCK, NICHOLAS, SMITH, LONES, SPEARMAN, BLAIR K. &amp; WILLIAMS, KENNETH S.</i>	48	67
WILLIAMS, KENNETH S.	<i>See: HARDY, KENNETH, HUDSON, R. H., RICHMAN, D., WILLIAMS, KENNETH S. &amp; HOLTZ, N. M. . . . .</i>	49	615
WUNDERLICH, M. C.	<i>See: WILLIAMS, H. C. &amp; WUNDERLICH, M. C.</i>	48	405
YAN, ZHENG	Piecewise Cubic Curve Fitting Algorithm . . . .	49	203
ZAGIER, DON	Large Integral Points on Elliptic Curves . . . .	48	425
ZIMMER, HORST G.	<i>See: TSCHÖPE, HEINZ M. &amp; ZIMMER, HORST G. . . . .</i>	48	351

## INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
ABARBANEL, SAUL S.	13	See: MURMAN, EARLL M. & ABARBANEL, SAUL S., Editors	48	838
ASCHER, U. M. & RUSSELL, R. D., Editors	22	65-06, 65L10	48	849
BACH, ERIC	5	10-04, 10A25, 10A15, 10H08, 68C05	48	441
BAINES, M. J.	27	See: MORTON, K. W. & BAINES, M. J., Editors	49	308
BELLMAN, RICHARD E. & ROTH, ROBERT S.	32	41-01, 34A40, 34A50	49	648
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	65F05, 65F10, 65F50, 65N05, 65N10, 65N15, 65N30, 65N35	48	830
BOISVERT, RONALD F.	9	See: RICE, JOHN R. & BOISVERT, RONALD F.	48	831
BRACEWELL, RONALD N.	19	42-01, 42-04	48	847
BREBBIA, CARLOS A., Editor	12	65N99	48	835
BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	23	33A65, 42C05	49	305
CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	4	20-00, 20C30, 20D26, 20D08	48	441
CULLUM, JANE K. & WILLOUGHBY, RALPH A.	16	65-02, 65-04, 65F15, 65F20	48	842
CURTIS, R. T.	4	See: CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	48	441
DAVENPORT, J. M.	20	See: ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	48	848
DELVES, L. M. & MOHAMED, J. L.	31	65-01, 65R20	49	647
DRAUX, A.	23	See: BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	49	305
ERNVALL, REIJO & METSÄNKYLÄ, TAUNO	29	11R23	49	309
FRÖBERG, CARL-ERIK	7	65-01	48	829
GREBENIKOV, E. A. & RYABOV, YU. A.	14	34-02, 34C15, 34C25, 34C29, 34E05	48	840
GREGORY, J. A., Editor	26	53-01, 68U05	49	307
GRIFFITHS, D. F. & WATSON, G. A., Editors	25	65-06	49	307
GRUBER, RALF & RAPPAZ, JACQUES	30	65N25, 76W05	49	645
HENRICI, PETER	17	30-02, 65E05, 42-XX, 30E20, 30C30, 30C50	48	844
HOLSTEIN, H.	21	See: PADDON, D. J. & HOLSTEIN, H., Editors	48	848



INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED 663

<i>Author</i>	<i>Review Number</i>	<i>Classification</i>	<i>Vol.</i>	<i>Page</i>
LEVINE, NORMAN	28	See: SALZER, HERBERT E. & LEVINE, NORMAN	49	308
LINZ, PETER	15	45D05, 65R20	48	841
LORENTZ, G. G.	18	41A50	48	845
LYNCH, ROBERT E.	8	See: BIRKHOFF, GARRETT & LYNCH, ROBERT E.	48	830
MAGNUS, A. P.	23	See: BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	49	305
MARKOWICH, PETER A.	24	35J60, 65N05, 65N10, 35B25	49	306
MARONI, P.	23	See: BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	49	305
METSÄNKYLÄ, TAUNO	29	See: ERNVALL, REIJO & METSÄN- KYLÄ, TAUNO	49	309
MOHAMED, J. L.	31	See: DELVES, L. M. & MOHAMED, J. L.	49	647
MORTON, K. W. & BAINES, M. J., Editors	27	76-06, 76-08	49	308
MURMAN, EARLL M. & ABARBANEL, SAUL S., Editors	13	76-02, 76-08	48	838
MUSKAT, J. B. & WILLIAMS, K. S.	6	12C20	48	444
NORTON, S. P.	4	See: CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	48	441
ODEH, R. E., DAVENPORT J. M. & PEARSON, N. S., Editors	20	62Q05, 62E15, 62E99, 62G15, 62J99	48	848
PADDON, D. J. & HOLSTEIN, H., Editors	21	65-06, 65M50, 65N50, 65R20	48	848
PARKER, R. A.	4	See: CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	48	441
PEARSON, N. S.	20	See: ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	48	848
QUINNEY, DOUGLAS	10	65-01	48	833
RAPPAZ, JACQUES	30	See: GRUBER, RALF & RAPPAZ, JACQUES	49	645
RICE, JOHN R. & BOISVERT, RONALD F.	9	65N99, 68-04	48	831
RIESEL, HANS	3	11A41, 11A51, 11N05, 11Y11, 11Y05	48	439
RONVEAUX, A.	23	See: BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	49	305
ROSEN, KENNETH H.	2	11-01, 11-04	48	438
ROTH, ROBERT S.	32	See: BELLMAN, RICHARD E. & ROTH, ROBERT S.	49	648
RUSSELL, R. D.	22	See: ASCHER, U. M. & RUSSELL, R. D., Editors	48	849
RYABOV, YU. A.	14	See: GREBENIKOV, E. A. & RYA- BOV, YA. A.	48	840
SALZER, HERBERT E. & LEVINE, NORMAN	28	65A05	49	308
SHANKS, DANIEL	1	11-02	48	437

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
SMITH, G. D.	11	65-01	48	834
WATSON, G. A.	25	See: GRIFFITHS, D. F. & WATSON, G. A., Editors	49	307
WILLIAMS, K. S.	6	See: MUSKAT, J. B. & WILLIAMS, K. S.	48	444
WILLOUGHBY, RALPH A.	16	See: CULLUM, JANE K. & WIL- LOUGHBY, RALPH A.	48	842
WILSON, R. A.	4	See: CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	48	441

## INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
<b>10-XX Number Theory</b>				
10-04 <i>Explicit Machine Computation and Programs</i>				
BACH, ERIC	5	Analytic Methods in the Analysis and Design of Number-Theoretic Algo- rithms	48	441
10A15 <i>Power Residues, Reciprocity</i>				
BACH, ERIC	5	Analytic Methods in the Analysis and Design of Number-Theoretic Algo- rithms	48	441
10A25 <i>Elementary Prime Number Theory, Factorization</i>				
BACH, ERIC	5	Analytic Methods in the Analysis and Design of Number-Theoretic Algo- rithms	48	441
10H08 <i>Dirichlet L-Function, Functional Equation</i>				
BACH, ERIC	5	Analytic Methods in the Analysis and Design of Number-Theoretic Algo- rithms	48	441
<b>11-XX Number Theory</b>				
11-01 <i>Elementary Exposition; Textbooks</i>				
ROSEN, KENNETH H.	2	Elementary Number Theory and Its Applications	48	438
11-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
SHANKS, DANIEL	1	Solved and Unsolved Problems in Number Theory	48	437
11-04 <i>Explicit Machine Computation and Programs</i>				
ROSEN, KENNETH H.	2	Elementary Number Theory and Its Applications	8	438
11A41 <i>Primes</i>				
RIESEL, HANS	3	Prime Numbers and Computer Methods for Factorization	48	439
11A51 <i>Factorization; Primality</i>				
RIESEL, HANS	3	Prime Numbers and Computer Methods for Factorization	48	439
11N05 <i>Distribution of Primes</i>				
RIESEL, HANS	3	Prime Numbers and Computer Methods for Factorization	48	439

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
11R23 <i>Infinite Algebraic Extensions; Iwasawa Theory</i>				
ERNVALL, REIJO & METSÄNKYLÄ, TAUNO	29	Tables of the Iwasawa $\lambda$ -Invariant	49	309
11Y05 <i>Factorization</i>				
RIESEL, HANS	3	Prime Numbers and Computer Methods for Factorization	48	439
11Y11 <i>Primality</i>				
RIESEL, HANS	3	Prime Numbers and Computer Methods for Factorization	48	439
<b>12-XX Algebraic Number Theory, Field Theory and Polynomials</b>				
12C20 <i>Cyclotomy</i>				
MUSKAT, J. B. & WILLIAMS, K. S.	6	Cyclotomy of Order Twelve Over $\text{GF}(p^2)$ , $p^2 \equiv 1 \pmod{12}$	48	444
<b>20-XX Group Theory and Generalizations</b>				
20-00 <i>Handbooks, Dictionaries, and Other Reference Works</i>				
CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	4	Atlas of Finite Groups—Maximal Subgroups and Ordinary Characters for Simple Groups	48	441
20C30 <i>Representations of Finite Symmetric Groups and Other Special Finite Groups</i>				
CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	4	Atlas of Finite Groups—Maximal Subgroups and Ordinary Characters for Simple Groups	48	441
20D06 <i>Simple Groups: Alternating and Classical Groups</i>				
CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	4	Atlas of Finite Groups—Maximal Subgroups and Ordinary Characters for Simple Groups	48	441
20D08 <i>Simple Groups: Sporadic Groups</i>				
CONWAY, J. H., CURTIS, R. T., NORTON, S. P., PARKER, R. A. & WILSON, R. A.	4	Atlas of Finite Groups—Maximal Subgroups and Ordinary Characters for Simple Groups	48	441
<b>30-XX Functions of a Complex Variable</b>				
30-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
HENRICI, PETER	17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Construction of Conformal Maps—Univalent Functions	48	844
30C30 <i>Numerical Methods in Conformal Mapping Theory</i>				
HENRICI, PETER	17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Construction of Conformal Maps—Univalent Functions	48	844
30C50 <i>Coefficient Problems for Univalent and Multivalent Functions</i>				
HENRICI, PETER	17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Construction of Conformal Maps—Univalent Functions	48	844

	<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
30E20	<i>Integration, Integrals of Cauchy Type, Integral Representations of Analytic Functions</i>				
HENRICI, PETER		17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Con- struction of Conformal Maps— Univalent Functions	48	844
<b>33-XX Special Functions</b>					
33A65	<i>Orthogonal Special Functions and Polynomials (Chebyshev, Hermite, Jacobi, Laguerre, etc.)</i>				
BREZINSKI, C., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors		23	Polynômes Orthogonaux et Applica- tions	49	305
<b>34-XX Ordinary Differential Equations</b>					
34-02	<i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
GREBENIKOV, E. A. & RYABOV, YU. A.		14	Constructive Methods in the Analysis of Nonlinear Systems	48	840
34A40	<i>Differential Inequalities</i>				
BELLMAN, RICHARD E. & ROTH, ROBERT S.		32	Methods in Approximation—Tech- niques for Mathematical Model- ling	49	648
34A50	<i>Numerical Approximation of Solutions</i>				
BELLMAN, RICHARD E. & ROTH, ROBERT S.		32	Methods in Approximation—Tech- niques for Mathematical Model- ling	49	648
34C15	<i>Nonlinear Oscillations</i>				
GREBENIKOV, E. A. & RYABOV, YU. A.		14	Constructive Methods in the Analysis of Nonlinear Systems	48	840
34C25	<i>Periodic Solutions</i>				
GREBENIKOV, E. A. & RYABOV, YU. A.		14	Constructive Methods in the Analysis of Nonlinear Systems	48	840
34C29	<i>Averaging Method</i>				
GREBENIKOV, E. A. & RYABOV, YU. A.		14	Constructive Methods in the Analysis of Nonlinear Systems	48	840
34E05	<i>Asymptotic Expansions</i>				
GREBENIKOV, E. A. & RYABOV, YU. A.		14	Constructive Methods in the Analysis of Nonlinear Systems	48	840
<b>35-XX Partial Differential Equations</b>					
35B25	<i>Singular Perturbations</i>				
MARKOWICH, PETER A.		24	The Stationary Semiconductor Device Equations	49	306
35J60	<i>Nonlinear Equations and Systems</i>				
MARKOWICH, PETER A.		24	The Stationary Semiconductor Device Equations	49	306
<b>41-XX Approximations and Expansions</b>					
41-01	<i>Elementary Exposition; Textbooks</i>				
BELLMAN, RICHARD E. & ROTH, ROBERT S.		32	Methods in Approximation—Tech- niques for Mathematical Model- ling	49	648

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
<b>41A50 Best Approximation, Including Chebyshev Systems</b>				
LORENTZ, G. G.	18	Approximation of Functions	48	845
<b>42-XX Fourier Analysis</b>				
HENRICI, PETER	17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Construction of Conformal Maps—Univalent Functions	48	844
42-01 <i>Elementary Exposition; Textbooks</i>				
BRACEWELL, RONALD N.	19	The Hartley Transform	48	847
42-04 <i>Explicit Machine Computation and Programs</i>				
BRACEWELL, RONALD N.	19	The Hartley Transform	48	847
42C05 <i>Orthogonal Functions and Polynomials, General Theory</i>				
BREZINSKI, C., DRAUX, A., MAGNUS, A. P., MARONI, P. & RONVEAUX, A., Editors	23	Polynômes Orthogonaux et Applications	49	305
<b>45-XX Integral Equations</b>				
45D05 <i>Volterra Integral Equations</i>				
LINZ, PETER	15	Analytical and Numerical Methods for Volterra Equations	48	841
<b>53-XX Differential Geometry</b>				
53-01 <i>Elementary Exposition; Textbooks</i>				
GREGORY, J. A., Editor	26	The Mathematics of Surfaces	49	307
<b>62-XX Statistics</b>				
62Exx <i>Distribution Theory</i>				
62E15 <i>Exact Distribution Theory</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	20	Selected Tables in Mathematical Statistics	48	848
62E99 <i>None of the Above, but in This Section</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	20	Selected Tables in Mathematical Statistics	48	848
62Gxx <i>Nonparametric Inference</i>				
62G15 <i>Tolerance and Confidence Regions</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	20	Selected Tables in Mathematical Statistics	48	848
62J99 <i>None of the Above, but in This Section</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	20	Selected Tables in Mathematical Statistics	48	848
62Q05 <i>Statistical Tables</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	20	Selected Tables in Mathematical Statistics	48	848
<b>65-XX Numerical Analysis</b>				
65-01 <i>Elementary Exposition; Textbooks</i>				
DELVES, L. M. & MOHAMED, J. L.	31	Computational Methods for Integral Equations	49	647
FRÖBERG, CARL-ERIK	7	Numerical Mathematics—Theory and Computer Applications	48	829

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
QUINNEY, DOUGLAS	10	An Introduction to the Numerical Solution of Differential Equations	48	833
SMITH, G. D.	11	Numerical Solution of Partial Differential Equations, Finite Difference Methods	48	834
	65-02	<i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>		
CULLUM, JANE K. & WILLOUGHBY, RALPH A.	16	Lanczos Algorithms for Large Symmetric Eigenvalue Computations, Vol. I: Theory	48	842
	65-04	<i>Explicit Machine Computation and Programs</i>		
CULLUM, JANE K. & WILLOUGHBY, RALPH A.	16	Lanczos Algorithms for Large Symmetric Eigenvalue Computations, Vol. I: Theory	48	842
	65-06	<i>Proceedings, Conferences, etc.</i>		
ASCHER, U. M. & RUSSELL, R. D., Editors	22	Numerical Boundary Value ODEs	48	849
GRIFFITHS, D. F. & WATSON, G. A., Editors	25	Numerical Analysis	49	307
PADDON, D. J. & HOLSTEIN, H., Editors	21	Multigrid Methods for Integral and Differential Equations	48	848
	65A05	<i>Tables</i>		
SALZER, HERBERT E. & LEVINE, NORMAN	28	Supplement to Table of Sines and Cosines to Ten Decimal Places at Thousandths of a Degree	49	308
	65E05	<i>Numerical Methods in Complex Analysis (Potential Theory, etc.)</i>		
HENRICI, PETER	17	Applied and Computational Complex Analysis, Vol. 3: Discrete Fourier Analysis—Cauchy Integrals—Construction of Conformal Maps—Univalent Functions	48	844
	65F05	<i>Direct Methods for Linear Systems and Matrix Inversion</i>		
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
	65F10	<i>Iterative Methods for Linear Systems</i>		
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
	65F15	<i>Eigenvalues, Eigenvectors</i>		
CULLUM, JANE K. & WILLOUGHBY, RALPH A.	16	Lanczos Algorithms for Large Symmetric Eigenvalue Computations, Vol. I: Theory	48	842
	65F20	<i>Overdetermined Systems, Pseudoinverses</i>		
CULLUM, JANE K. & WILLOUGHBY, RALPH A.	16	Lanczos Algorithms for Large Symmetric Eigenvalue Computations, Vol. I: Theory	48	842
	65F50	<i>Sparse Matrices</i>		
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
	65L10	<i>Boundary Value Problems</i>		
ASCHER, U. M. & RUSSELL, R. D., Editors	22	Numerical Boundary Value ODEs	48	849
	65M50	<i>Mesh Generation and Refinement</i>		
PADDON, D. J. & HOLSTEIN, H., Editors	21	Multigrid Methods for Integral and Differential Equations	48	848

Author	Review Number	Title	Vol.	Page
65Nxx <i>Parital Differential Equations, Boundary Value Problems</i>				
65N05 <i>Derivation of Finite Difference Approximations</i>				
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
MARKOWICH, PETER A.	24	The Stationary Semiconductor Device Equations	49	306
65N10 <i>Stability and Convergence of Difference Methods</i>				
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
MARKOWICH, PETER A.	24	The Stationary Semiconductor Device Equations	49	306
65N15 <i>Error Bounds</i>				
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
65N25 <i>Eigenvalue Problems</i>				
GRUBER, RALF & RAPPAZ, JACQUES	30	Finite Element Methods in Linear Ideal Magnetohydrodynamics	49	645
65N30 <i>Finite Elements, Rayleigh-Ritz and Galerkin Methods, Finite Methods</i>				
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
65N35 <i>Collocation and Related Methods</i>				
BIRKHOFF, GARRETT & LYNCH, ROBERT E.	8	Numerical Solution of Elliptic Problems	48	830
65N50 <i>Mesh Generation and Refinement</i>				
PADDON, D. J. & HOLSTEIN, H., Editors	21	Multigrid Methods for Integral and Differential Equations	48	848
65N99 <i>None of the Above, but in This Section</i>				
BREBBIA, CARLOS A., Editor	12	Topics in Boundary Element Research, Vol. I: Basic Principles and Applications	48	835
RICE, JOHN R. & BOISVERT, RONALD F.	9	Solving Elliptic Problems Using ELLPACK	48	831
65R20 <i>Integral Equations</i>				
DELVES, L. M. & MOHAMED, J. L.	31	Computational Methods for Integral Equations	49	647
LINZ, PETER	15	Analytical and Numerical Methods for Volterra Equations	48	841
PADDON, D. J. & HOLSTEIN, H., Editors	21	Multigrid Methods for Integral and Differential Equations	48	848
<b>68-XX Computer Science</b>				
68-04 <i>Explicit Machine Computation and Programs</i>				
RICE, JOHN R. & BOISVERT, RONALD F.	9	Solving Elliptic Problems Using ELLPACK	48	831
68C05 <i>Algorithms</i>				
BACH, ERIC	5	Analytic Methods in the Analysis and Design of Number-Theoretic Algorithms	48	441
68U05 <i>Computer Graphics; Computational Geometry</i>				
GREGORY, J. A., Editor	26	The Mathematics of Surfaces	49	307

<i>Author</i>	<i>Review Number</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
<b>76-XX Fluid Mechanics</b>				
76-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
MURMAN, EARLL M. & ABARBANEL, SAUL S., Editors	13	Progress and Supercomputing in Computational Fluid Dynamics	48	838
76-06 <i>Proceedings, Conferences, etc.</i>				
MORTON, K. W. & BAINES, M. J., Editors	27	Numerical Methods for Fluid Dyna- mics II	49	308
76-08 <i>Computational Methods</i>				
MORTON, K. W. & BAINES, M. J., Editors	27	Numerical Methods for Fluid Dyna- mics II	49	308
MURMAN, EARLL M. & ABARBANEL, SAUL S., Editors	13	Progress and Supercomputing in Computational Fluid Dynamics	48	838
76W05 <i>Magneto hydrodynamics and Electrohydrodynamics</i>				
GRUBER, RALF & RAPPAZ, JACQUES	30	Finite Element Methods in Linear Ideal Magneto hydrodynamics	49	645

### INDEX OF ERRATA

<i>No.</i>	<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
609	MOON, P. & SPENCER, D. E.	Field Theory Handbook	49	651
608	PHILIP, J. R.	The Symmetrical Euler-Maclaurin Summation Formula	48	851

### INDEX OF CORRIGENDA

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
COSTA PEREIRA, N.	Estimates for the Chebyshev Function $\psi(x) - \theta(x)$	48	447
GRAMAIN, F. & WEBER, M.	Computing an Arithmetic Constant Related to the Ring of Gaussian Integers	48	854
LEWANOWICZ, STANISŁAW	Recurrence Relations for Hypergeometric Functions of Unit Argument	48	853
MILOVANOVIĆ, GRADIMIR V. & WRIGGE, STAFFAN	Least Squares Approximation with Con- straints	48	854

### INDEX OF SUPPLEMENTS

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
ATKINSON, KENDALL & BOGOMOLNY, ALEX	Supplement to "The Discrete Galerkin Meth- od for Integral Equations"	48	April
CARLSON, B. C.	Supplement to "A Table of Elliptic Inte- grals of the Second Kind"	49	Oct.
COHEN, H. & LENSTRA, A. K.	Supplement to "Implementation of a New Primality Test"	48	Jan.
COLEMAN, JOHN P. & SMITH, RUSSELL A.	Supplement to "The Faber Polynomials for Circular Sectors"	49	July



INDEX OF MICROFICHE SUPPLEMENTS

671

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
GARTLAND, EUGENE C., JR.	Supplement to "Uniform High-Order Difference Schemes for a Singularly Perturbed Two-Point Boundary Value Problem"	48	April
GFRERER, HELMUT	Supplement to "An A Posteriori Parameter Choice for Ordinary and Iterated Tikhonov Regularization of Ill-Posed Problems Leading to Optimal Convergence Rates"	49	Oct.

INDEX OF MICROFICHE SUPPLEMENTS

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Issue</i>
BUCK, NICHOLAS, SMITH, LONES, SPEARMAN, BLAIR K. & WILLIAMS, KENNETH S.	The Cyclotomic Numbers of Order Fifteen	48	Jan.
NEWMAN, MORRIS & THOMPSON, ROBERT C.	Numerical Values of Goldberg's Coefficients in the Series for $\log(e^x e^y)$	48	Jan.