

## INDEX

ARJAS, E., NUMMELIN, E. and TWEEDIE, R. L.: Semi-Markov processes on a general state space: $\alpha$ -theory and quasi-stationarity	187
ATKINSON, M. D. and LLOYD, S.: Primitive spaces of matrices of bounded rank	473
BAKER, I. N.: The iteration of polynomials and transcendental entire functions	483
BANDEL'T, HANS-J.: Isomorphisms between semigroups of isotone maps	453
BATTEN, MARGARET LYNN: Linear spaces with line range $\{n - 1, n, n + 1\}$ and at most $n^2$ points	215
BLOOM, WALTER R. and SUSSICH, JOSEPH F.: Positive linear operators and the approximation of continuous functions on locally compact abelian groups	180
BORWEIN, JON M. and WOLKOWICZ, HENRY: Facial reduction for a cone-convex programming problem	369
BORWEIN, JON M. and WOLKOWICZ, HENRY: Characterization of optimality for the abstract convex program with finite dimensional range	390
BRANDL, ROLF: A characterization of finite $p$ -soluble groups of $p$ -length one by commutator identities	257
BURR, STEFAN A. and DUKE, RICHARD A.: Ramsey numbers for certain $k$ -graphs	284
CAICEDO, XAVIER: The subdirect decomposition theorem for classes of structures closed under direct limits	171
CHEATHAM, T. and ENOCHS, E.: $C$ -Commutativity	252
CHEN, BANG-YEN: Classification of totally umbilical submanifolds in symmetric spaces	129
CHEN, ING-SHEUN: <i>see</i> LAI, HANG-CHIN	438
CLARKE, G. T.: Commutative semigroup varieties with the amalgamation property	278
COSSEY, JOHN: On Fitting classes that are Schunck classes	381
COWAN, D. D.: <i>see</i> STANTON, R. G.	55
DAVIS, GARY: Permutation representation of groups with Boolean orthogonalities	412
DUKE, RICHARD A.: <i>see</i> BURR, STEFAN A.	284
EADES, PETER: Integral quadratic forms and orthogonal designs	297
ELLIOTT, P. D. T. A.: Multiplicative functions and Ramanujan's $\tau$ -function	461
ENOCHS, E.: <i>see</i> CHEATHAM, T.	252
EVANS, ELLIOTT: Slim trees	201
FLOOD, JOE: Semiconvex geometry	496
FONG, Y. and MELDRUM, J. D. P.: The endomorphism near-rings of the symmetric groups of degree at least five	37
GRIMMET, G. R.: Random labelled trees and their branching networks	229
GUPTA, VISHNU: A commutativity theorem for semiprime rings	33
HANNAH, JOHN, RICHARDSON, J. S. and ZELENZNIKOW, JOHN: Completely semisimple ring semigroups	150
HERZOG, MARCEL and WRIGHT, DAVID: Characterization of a family of simple groups by their character table, II	168
HIRSCHHORN, MICHAEL D.: Two further Ramanujan pairs	1
JENKINS, TERRY L.: <i>see</i> OLSON, DWIGHT M.	385
JOHN, DAVID: Identities and left cancellation in distributively generated near-rings	238

JONES, P. R.: Inverse semigroups determined by their lattices of inverse subsemigroups	321
KRISHNAMOORTHY, V. and PARTHASARATHY, K. R.: On the reconstruction conjecture for separable graphs	307
LAI, HANG-CHIN and CHEN, ING-SHEUN: Harmonic analysis on the Fourier algebras $A_{1,p}(G)$	438
LAOHAKOSOL, VICHIAN and PITMAN, JANE: Applications of $p$ -adic interpolation to exponential polynomials and sums of powers	419
LEVINGSTON, RICHARD: The laws of some metabelian varieties	469
LLOYD, S.: <i>see</i> ATKINSON, M. D.	473
LOXTON, J. H. and SANDERS, J. W.: On an inversion theorem of Möbius	15
MADDANA, SWAMY U., RAO, G. C. and MANIKYAMBA, P.: Prime ideal characterization of chain based lattices	98
MALLER, R. A.: On the law of the iterated logarithm in the infinite variance case	5
MALLER, R. A.: Some properties of stochastic compactness	264
MANDAN, SAHIB RAM: Orthologic Desargues' figure and special pairs of semibilogic and biologic tetrahedra: Corrigendum	256
MANIKYAMBA, P.: <i>see</i> MADDANA, SWAMY U.	98
MEAKIN, JOHN and NAMBOORIPAD, K. S. S.: Coextensions of pseudo-inverse semigroups by rectangular bands	73
MELDRUM, J. D. P.: <i>see</i> FONG, Y.	37
MUNN, W. D.: Ideals of free inverse semigroups	157
NAMBOORIPAD, K. S. S.: <i>see</i> MEAKIN, JOHN	73
NUMMELIN, E.: <i>see</i> ARJAS, E.	187
OLSON, DWIGHT M. and JENKINS, TERRY L.: Upper radicals and essential ideals	385
PAKES, ANTHONY G.: Some remarks on a one-dimensional skip-free process with repulsion	107
PARTHASARATHY, K. R.: <i>see</i> KRISHNAMOORTHY, V.	307
PITMAN, JANE: <i>see</i> LAOHAKOSOL, VICHIAN	419
RAO, G. C.: <i>see</i> MADDANA, SWAMY U.	98
RICHARDSON, J. S.: <i>see</i> HANNAH, JOHN	150
SANDERS, J. W.: <i>see</i> LOXTON, J. H.	15
SEAH, S. T. E.: <i>see</i> STANTON, R. G.	55
SHASTRI, A. R.: Some cancellation theorems	87
SMYTH, C. J.: On the measure of totally real algebraic integers	137
STANTON, R. G., SEAH, S. T. E. and COWAN, D. D.: Nonexistence of an extremal graph of a certain type	55
STEINBERG, STUART A.: Lattice ordered modules of quotients	243
SUSSICH, JOSEPH F.: <i>see</i> BLOOM, WALTER R.	180
SZENDREI, MARIA B.: A generalization of the Hall semigroup of a band	65
TWEEDIE, R. L.: <i>see</i> ARJAS, E.	187
WALTER, WOLFGANG: Entire solutions of the differential equation $\Delta u = f(u)$	366
WARNER, M. W.: Relations, homogeneity and group quotients	347
WILLIAMS, N. H.: Set mappings defined on pairs	356
WOLKOWICZ, HENRY: <i>see</i> BORWEIN, JON M.	369
WOLKOWICZ, HENRY: <i>see</i> BORWEIN, JON M.	390
WRIGHT, DAVID: <i>see</i> HERZOG, MARCEL	168
ZELEZNIKOW, JOHN: Orthodox semirings and rings	50
ZELEZNIKOW, JOHN: <i>see</i> HANNAH, JOHN	150