

## INDEX

AGLIANO, PAOLO and URSINI, ALDO: Ideals and other generalizations of congruence classes	103
ANH, V. V. and LUNNEY, K. E.: Generalised harmonic analysis of a class of nonstationary random fields	385
AZAM, AKBAR: see BEG, ISMAT	313
BEAUREGARD, RAYMOND A.: Unique factorization in the ring $R[x]$	287
BEG, ISMAT and AZAM, AKBAR: Fixed points of asymptotically regular multivalued mappings	313
BLOM, JOS: Metrical properties of best approximants	78
BOOTH, G. L. and GROENEWALD, N. J.: On prime one-sided ideals, bi-ideals and quasi-ideals of a gamma ring	55
BRANDL, ROLF: Conjugacy classes of subgroups in $p$ -groups	294
BRUCE, I. D. and EASDOWN, D.: The AND/OR theorem for perceptrons	1
CAMPBELL, C. M., HEGGIE, P. M., ROBERTSON, E. F. and THOMAS, R. M.: Finite one-relator products of two cyclic groups with the relator of arbitrary length	352
CARO, Y. and RODITTY, Y.: On zero-sum Turan problems of Bialostocki and Dierker	402
CHEW, K. H.: see YAP, H. P.	219
EASDOWN, D.: see BRUCE, I. D.	1
EVEREST, G. R.: Uniform distribution and lattice point counting	39
FIXMAN, URI and OKOH, FRANK: Preorders on canonical families of modules of finite length	64
FORREST, BRIAN: Amenability and ideals in $A(G)$	143
GANSTER, M. and REILLY, I. L.: On pairwise paracompactness	281
GOULD, VICTORIA: Coherent monoids	166
GRACE, S. R. and LALLI, B. S.: Oscillation theorems for second order superlinear differential equations with damping	156
GROENEWALD, N. J.: see BOOTH, G. L.	55
HASANIS, TH. and VLACHOS, TH.: Hypersurfaces of $E^{n+1}$ satisfying $\Delta x = Ax + B$	377
HEGGIE, P. M.: see CAMPBELL, C. M.	352
INSALL, MATT: Some finiteness conditions in lattices—using nonstandard proof methods	266
JUNG, IL BONG and KIM, YONG CHAN: On unilateral shift operators and $C_0$ -operators	137
KEMP, A. W.: Certain inequalities involving fractional powers	131
KHURANA, SATISH K. and RAM, BABU: $M$ -Cohyponormal powers of composition operators	9
KIM, YONG CHAN: see JUNG, IL BONG	137
KOSHI, SHOZO and TAKESAKI, MASAMICHI: An open mapping theorem on homogeneous spaces	51
KÜNZI, HANS-PETER A.: Strongly zero-dimensional bispaces	327
LALLI, B. S.: see GRACE, S. R.	156
LONGOBARDI, PATRIZIA, MAJ, MERCEDE, RHEMTULLA, AKBAR and SMITH, HOWARD: Periodic groups with many permutable subgroups	116
LUNNEY, K. E.: see ANH, V. V.	385
LUNNON, W. F. and PLEASANTS, P. A. B.: Characterization of two-distance sequences	198
MACPHERSON, DUGALD: Maximal subgroups of infinite dimensional general linear groups	338

MAJ, MERCEDE: see LONGOBARDI, PATRIZIA	116
MANHAS, JASBIR SINGH: see SINGH, R. K.	92
NEWMAN, M. F. and O'BRIEN, E. A.: A computer-aided analysis of some finitely presented groups	369
O'BRIEN, E. A.: see NEWMAN, M. F.	369
OKOH, FRANK: see FIXMAN, URI	64
OTAL, JAVIER and PEÑA, JUAN MANUEL: Nilpotent-by-Černikov CC-groups	120
PEÑA, JUAN MANUEL: see OTAL, JAVIER	120
PHILLIPS, N. CHRISTOPHER: The Toeplitz operator proof of noncommutative Bott periodicity	229
PLEASANTS, P. A. B.: see LUNNON, W. F.	198
RAM, BABU: see KHURANA, SATISH K.	9
RAPTIS, E. and VARSOS, D.: The residual finiteness of $HNN$ -extensions and generalized free products of nilpotent groups: a characterization	408
REILLY, I. L.: see GANSTER, M.	281
REILLY, I. L.: see SUBRAHMANYAM, P. V.	304
RHEMTULLA, AKBAR: see LONGOBARDI, PATRIZIA	116
ROBERTSON, E. F.: see CAMPBELL, C. M.	352
RODGER, C. A.: Self-complementary graph decompositions	17
RODITTY, Y.: see CARO, Y.	402
SCHU, JÜRGEN: Fixed points of mappings satisfying semicontractivity conditions	25
SINGH, R. K. and MANHAS, JASBIR SINGH: Multiplication operators and dynamical systems	92
SMITH, HOWARD: see LONGOBARDI, PATRIZIA	116
SRI RANGA, A.: The strong $c$ -symmetric distribution	261
SUBRAHMANYAM, P. V. and REILLY, I. L.: Some fixed point theorems	304
TAHANI, TAOUFIQ: Fonctions propres de l'opérateur de Laplace-Beltrami associé au bi-disque	183
TAKESAKI, MASAMICHI: see KOSHI, SHOZO	51
TARAFDAR, E.: Fixed point theorems in $H$ -spaces and equilibrium points of abstract economies	252
THOMAS, R. M.: see CAMPBELL, C. M.	352
URSINI, ALDO: see AGLIANO, PAOLO	103
VAROS, D.: see RAPTIS, E.	408
VLACHOS, TH.: see HASANIS, TH.	377
YAP, H. P. and CHEW, K. H.: Total chromatic number of graphs of high degree, II	219