

## INDEX

|   |     |
|---|-----|
| ASTANEH, A. A.: One more method to construct the irreducible unitary representations of nilpotent Lie groups                | 89  |
| BULLEN, P. S.: A survey of integration by parts for Perron integrals  | 343 |
| BURKART, UHLAND: Orbit entropy in noninvertible mappings  | 95  |
| CAREY, A. L. and MORAN, WILLIAM: Cocycles and representations of groups of CAR type   | 20  |
| CHERUBINI, A. and VARISCO, A.: Rings satisfying certain conditions either on subsemigroups or on endomorphisms              | 194 |
| DAS, K. C., MAJUMDAR, S. and SIMS, BRAILEY: Subsets characterizing the closure of the numerical range                       | 1   |
| DAVEY, B. A. and PRIESTLEY, H. A.: Lattices of homomorphisms  | 364 |
| DUBUC, EDUARDO J. and PENON, JACQUES: Objets compacts dans les topos  | 203 |
| EVANS, M. W.: Torsion theories over semihereditary rings  | 54  |
| FEGAN, H. D.: Homogeneous bundles and the trace of the heat kernel  | 71  |
| GIOTOPOULOS, S.: $C_p$ -classes of operators in $C^*$ -algebras   | 153 |
| JEYAKUMAR, V.: On subgradient duality with strong and weak convex functions   | 143 |
| KHOSHKAM, MAHMOOD: Perturbations of type I AW*-algebras   | 407 |
| LAFFEY, THOMAS J. and MACHALE, DESMOND: Automorphism orbits of finite groups  | 253 |
| LUO, CHONGSHAN: On concircular transformations in Riemannian spaces   | 218 |
| MACHALE, DESMOND: see LAFFEY, THOMAS J.   | 253 |
| MAJUMDAR, S.: see DAS, K. C.  | 1   |
| MANASTER, ALFRED B., REMMEL, JEFFREY B. and SCHMERL, JAMES H.: Planarity and minimal path algorithms                        | 131 |
| MANTERO, ANNA MARIA and ZAPPA, ANNA: Special series of unitary representations of groups acting on homogeneous trees        | 83  |
| MCPOLIN, P. T. N. and WICKSTEAD, A. W.: Relatively central operators on Archimedean vector lattices II                      | 287 |
| MEHTA, G.: On a theorem of Fleischer  | 261 |
| MORAN, WILLIAM: see CAREY, A. L.  | 20  |
| NICKOLAS, PETER: Free products of topological groups with a closed subgroup amalgamated                                     | 414 |
| NJÄSTAD, OLAV and THRON, W. J.: Unique solvability of the strong Hamburger moment problem                                   | 5   |
| ORMEROD, NEIL: Chinese remainder theorems and Galois modules  | 276 |
| PANCHAPAGESAN, T. V. and SHIVAPPA, VEERAPPA PALLED: On vector lattice-valued measures II                                    | 234 |
| PENON, JACQUES: see DUBUC, EDUARDO J.   | 203 |
| PHILOS, CH. G.: Integral averaging techniques for the oscillation of second order sublinear ordinary differential equations | 111 |
| PRESTON, G. B.: Monogenic inverse semigroups  | 321 |
| PRIESTLEY, H. A.: see DAVEY, B. A.  | 364 |
| REMMEL, JEFFREY B.: see MANASTER, ALFRED B.   | 131 |
| SCHMERL, JAMES H.: see MANASTER, ALFRED B.  | 131 |
| SHIVAPPA, VEERAPPA PALLED: see PANCHAPAGESAN, T. V.   | 234 |
| SIMS, BRAILEY: see DAS, K. C.   | 1   |
| SPEED, T. P.: Cumulants and partition lattices II: generalised $k$ -statistics  | 34  |
| SPEED, T. P.: Cumulants and partition lattices III: multiply-indexed arrays   | 161 |

|   |     |
|---|-----|
| STERNA-KARWAT, ALICJA: Semicontinuity of multifunctions connected with optimization with respect to cones | 183 |
| THRON, W. J.: see NJÄSTAD, OLAV   | 5   |
| TSAMATOS, P. CH.: On a linear differential system of neutral type   | 226 |
| VARISCO, A.: see CHERUBINI, A.  | 194 |
| WARD, J. A.: The $\sim$ -representations of symmetric homogeneous algebras                                | 267 |
| WICKSTEAD, A. W.: see MCPOLIN, P. T. N.   | 287 |
| WILLIS, G. A.: The continuity of derivations and module homomorphisms                                     | 299 |
| ZAPPA, ANNA: see MANTERO, ANNA MARIA  | 83  |