

VOL. 40(1989)

AUTHOR INDEX, VOLUME 31 (1985) - 40 (1989)

|  |    |        |     |
|--|----|--------|-----|
| <b>Hazar Abu-Khzam</b>   |    |        |     |
| Commutativity results for rings  | 38 | (1988) | 191 |
| <b>Jiri Adámek</b>   |    |        |     |
| How complete are categories of algebras?   | 36 | (1987) | 389 |
| <b>M.E. Adams, V. Koubek and J. Sichler</b>  |    |        |     |
| Homomorphisms of distributive $p$ -algebras with countably many minimal prime ideals | 35 | (1987) | 427 |
| <b>M.E. Adams and H.A. Priestley</b>   |    |        |     |
| Kleene algebras are almost universal   | 34 | (1986) | 343 |
| <b>José Aguayo and José Sánchez</b>  |    |        |     |
| Weakly compact operators and the strict topologies                                   | 39 | (1989) | 353 |
| <b>Faiz Ahmad</b>  |    |        |     |
| Starlike integral operators  | 32 | (1985) | 217 |
| <b>V.N. Akis and D.W. Curtis</b>   |    |        |     |
| A characterisation of the absolute quasiretracts in a class of acyclic continua      | 36 | (1987) | 227 |
| <b>Sahl Fadul Albar</b>  |    |        |     |
| Non commutative convolution measure algebras with no proper $L$ -ideals              | 40 | (1989) | 13  |
| <b>R.E.L. Aldred</b>   |    |        |     |
| Distance-regular antipodal covering graphs [A]                                       | 39 | (1989) | 319 |
| <b>Kazuo Amano</b>   |    |        |     |
| The Dirichlet problem for degenerate elliptic 2-dimensional Monge-Ampère equation    | 37 | (1988) | 389 |
| <b>Bernhard Amberg, Silvana Franciosi and Francesco De Giovanni</b>                  |    |        |     |
| Groups with a nilpotent triple factorisation   | 37 | (1988) | 69  |
| <b>David Angell</b>  |    |        |     |
| The limiting behaviour of certain sequences of continued fractions                   | 38 | (1988) | 67  |
| Mahler's method in transcendence theory [A]  | 37 | (1988) | 479 |
| <b>P.N. Ánh, N.V. Loi and R. Wiegandt</b>  |    |        |     |
| On the radical theory of Andrunakievich varieties                                    | 31 | (1985) | 257 |
| <b>V.V. Anh</b>  |    |        |     |
| Starlike functions with a fixed coefficient  | 39 | (1989) | 145 |
| $k$ -fold symmetric starlike univalent functions                                     | 32 | (1985) | 419 |
| <b>Ioannis K. Argyros</b>  |    |        |     |
| On Newton's method and nondiscrete mathematical induction                            | 38 | (1988) | 131 |
| Newton-like methods under mild differentiability conditions with error analysis      | 37 | (1988) | 131 |
| Quadratic equations and applications to Chandrasekhar's                              |    |        |     |

|  |    |        |     |
|--|----|--------|-----|
| and related equations  | 32 | (1985) | 275 |
| <b>M.A. Ariño</b>  |    |        |     |
| Sequences and bases in $p$ -Banach spaces                                      | 34 | (1986) | 87  |
| <b>Mohd Ashraf</b>   |    |        |     |
| On commutativity of associative rings  | 38 | (1988) | 267 |
| <i>See Murtaza A. Quadri</i>   |    |        |     |
| <i>See also Murtaza A. Quadri and M.A. Khan</i>                                |    |        |     |
| <b>Nakhlé H. Asmar and Kent G. Merryfield</b>                                  |    |        |     |
| On the inversion of Fourier transforms   | 40 | (1989) | 429 |
| <b>Kamel Ariffin bin Mohd Atan</b>   |    |        |     |
| Newton polyhedra and estimates for exponential sums [A]                        | 32 | (1985) | 155 |
| <b>Evgeniios P. Avgerinos and Nilolaos S. Papageorgiou</b>                     |    |        |     |
| An existence theorem for an optimal control problem in<br>Banach spaces        | 39 | (1989) | 239 |
| <b>D. Aze</b>  |    |        |     |
| An inversion theorem for set-valued maps                                       | 37 | (1988) | 411 |
| <b>Abdul Aziz</b>  |    |        |     |
| On the zeros of a polynomial and its derivative                                | 31 | (1975) | 245 |
| A new proof of Laguerre's theorem about the zeros of polynomials               | 33 | (1986) | 131 |
| Growth of polynomials whose zeros are within or outside circle                 | 35 | (1987) | 247 |
| On composite polynomials whose zeros are in half-plane                         | 36 | (1987) | 449 |
| <b>C. Babea, I. Badea and H.H. Gonska</b>                                      |    |        |     |
| A test function theorem and approximation by polynomials                       | 34 | (1986) | 54  |
| <b>I. Badea</b>  |    |        |     |
| <i>See C. Babea</i>  |    |        |     |
| <b>R.W. Bagley and M.R. Peyrovian</b>  |    |        |     |
| A note on compact subgroups of topological groups                              | 33 | (1986) | 273 |
| <b>D.D. Bainov</b>   |    |        |     |
| <i>See S.G. Hristova</i>   |    |        |     |
| <i>See also P.S. Simeonov</i>  |    |        |     |
| <i>See also G.K. Kulev</i>   |    |        |     |
| <b>D.D. Bainov, A.D. Myshkis and A.I. Zahariev</b>                             |    |        |     |
| Oscillatory properties of the solutions of linear<br>equations of neutral type | 38 | (1988) | 255 |
| <b>U. Balakrishnan</b>   |    |        |     |
| Laurent expansion of Dirichlet series  | 33 | (1986) | 351 |
| <b>Eric J. Balder</b>  |    |        |     |
| On weak convergence implying strong convergence in $L_1$ -spaces               | 33 | (1986) | 363 |
| <b>Józef Banas</b>   |    |        |     |
| On existence theorems for differential equations in Banach spaces              | 32 | (1985) | 73  |
| <b>E. Barone and K.P.S. Bhaskara Rao</b>                                       |    |        |     |
| A topological zero-one law for open continuous maps                            | 38 | (1988) | 263 |
| <b>Valentina Barucci, David E. Dobbs and S.B. Mulay</b>                        |    |        |     |
| Integrally closed factor domains   | 37 | (1988) | 353 |
| <b>Kaye Enid Basford</b>   |    |        |     |
| Cluster analysis via normal mixture models [A]                                 | 32 | (1985) | 463 |
| <b>Mohammed Ali Bashir</b>   |    |        |     |
| Chen's problem on mixed foliate $CR$ -submanifolds                             | 40 | (1989) | 157 |
| <b>Gilbert Baumslag and Peter B. Shalen</b>                                    |    |        |     |
| Groups whose three-generator subgroups are free                                | 40 | (1989) | 163 |
| <b>Paul-Georg Becker-Landeck</b>   |    |        |     |

|  |    |        |     |
|--|----|--------|-----|
| <b>Transcendence measures by Mahler's transcendence method</b>   | 33 | (1986) | 59  |
| <b>Richard Becker</b>  |    |        |     |
| Sur les cones (faiblement complets) contenus dans le dual<br>d'un espace de Banach non-reflexif                                  | 39 | (1989) | 321 |
| <b>Gerald Beer</b>   |    |        |     |
| On convergence of closed sets in a metric space and distance functions   | 31 | (1985) | 421 |
| More about metric spaces on which continuous functions<br>are uniformly continuous   | 33 | (1986) | 397 |
| Metric spaces with nice closed balls and distance functions<br>for closed sets   | 35 | (1987) | 81  |
| On Mosco convergence of convex sets  | 38 | (1988) | 239 |
| <b>Edward A. Bertram and Marcel Herzog</b>   |    |        |     |
| Finite groups with large centralizers  | 32 | (1985) | 399 |
| <b>Scott Beslin and Steve Ligh</b>   |    |        |     |
| Another generalisation of Smith's determinant  | 40 | (1989) | 413 |
| <b>K.P.S. Bhaskara Rao</b>   |    |        |     |
| See E. Barone  |    |        |     |
| <b>Kiran R. Bhutani</b>  |    |        |     |
| Injectivity and injective hulls of Abelian groups in a localic topos   | 37 | (1988) | 43  |
| Characterising complete Boolean algebras in terms of<br>pure essentialness   | 38 | (1988) | 23  |
| <b>Thomas Bier</b>   |    |        |     |
| On the decomposition of integral lattices  | 34 | (1986) | 73  |
| <b>Nicholas Billington</b>   |    |        |     |
| The growth of stratified groups [A]  | 36 | (1987) | 345 |
| <b>Li Dingyou</b>  |    |        |     |
| Fixed point of sum for concave and convex operators with<br>applications   | 37 | (1988) | 81  |
| <b>Jean-Camille Birget</b>   |    |        |     |
| Stability and $J$ -depth of expansions   | 38 | (1988) | 41  |
| <b>Glenys Ruth Bishop</b>  |    |        |     |
| Investigation of homeostasis and other genetical problems using<br>variance components with application to human family data [A] | 40 | (1989) | 493 |
| <b>Altha Blanchet</b>  |    |        |     |
| See Henry Heatherly  |    |        |     |
| <b>Paul E. Bland</b>   |    |        |     |
| Quasi-codivisible covers   | 33 | (1986) | 389 |
| <b>D. Blessenohl and H. Laue</b>   |    |        |     |
| On Witt's dimension formula for free Lie algebras and<br>a theorem of Klyachko   | 40 | (1989) | 49  |
| <b>Walter R. Bloom and Herbert Heyer</b>   |    |        |     |
| Non-symmetric translation invariant Dirichlet forms on hypergroups   | 36 | (1987) | 61  |
| <b>Walter R. Bloom and Saroja Selvanathan</b>  |    |        |     |
| Hypergroup structures on the set of natural numbers  | 33 | (1986) | 89  |
| <b>Joël Blot</b>   |    |        |     |
| Calculus of variations in mean and convex Lagrangians, II  | 40 | (1989) | 457 |
| <b>M.A. Bokhari</b>  |    |        |     |
| Perturbation of nodes and poles in certain rational interpolants   | 36 | (1987) | 177 |
| On certain sequence of least squares approximants  | 37 | (1988) | 415 |
| <b>G.L. Booth and N.J. Groenewald</b>  |    |        |     |
| On uniformly strongly prime gamma rings  | 37 | (1988) | 437 |

|   |    |        |     |  |
|---|----|--------|-----|--|
| <b>Carlos C. Borges</b>   |    |        |     |  |
| Characterisation of functional properties by nets                                   | 38 | (1988) | 335 |  |
| <b>Jon Borwein and Simon Fitzpatrick</b>  |    |        |     |  |
| Local boundedness of monotone operators under minimal hypothesis                    | 39 | (1989) | 439 |  |
| <b>J.E. Bowcock and Y.H. Yu</b>   |    |        |     |  |
| Sharp conditions for oscillations caused by retarded and advanced perturbations     | 37 | (1988) | 429 |  |
| <b>Ian Boyd</b>   |    |        |     |  |
| A mathematical model of the business cycle [A]                                      | 36 | (1987) | 331 |  |
| <b>R. Brandl and P.A. Linnell</b>   |    |        |     |  |
| Character degrees and CLT-groups  | 39 | (1989) | 249 |  |
| <b>Rolf Brandl and Daniela B. Nikolova</b>  |    |        |     |  |
| Simple groups of small Engel depth  | 33 | (1986) | 245 |  |
| <b>Igor Bray</b>  |    |        |     |  |
| The gravitational lens effect of galaxies and black holes [A]                       | 35 | (1987) | 317 |  |
| <b>D.R. Breach and Anne Penfold Street</b>  |    |        |     |  |
| Irreducible designs from supplementary difference sets                              | 31 | (1985) | 105 |  |
| <b>M. Brešar and J. Vukman</b>  |    |        |     |  |
| Jordan derivations on prime rings   | 37 | (1988) | 321 |  |
| <b>Richard G. Brookes</b>   |    |        |     |  |
| The quadratic Hermite-Padé approximation [A]  | 40 | (1989) | 489 |  |
| <b>Oscar P. Bruno</b>   |    |        |     |  |
| On a property of ideals of differentiable functions                                 | 33 | (1986) | 293 |  |
| <b>R.A. Bryce</b>   |    |        |     |  |
| Sub-direct product closed Fitting classes   | 33 | (1986) | 75  |  |
| A note on subnormal defect in finite soluble groups                                 | 39 | (1989) | 255 |  |
| <b>J.G. Burnell</b>   |    |        |     |  |
| A system of nonlinear reaction diffusion equations [A]                              | 34 | (1986) | 479 |  |
| <b>R.G. Burns, A. Karrass and D. Solitar</b>  |    |        |     |  |
| A note on groups with separable finitely generated subgroups                        | 36 | (1987) | 153 |  |
| <b>R.G. Burns and Lian Pi</b>   |    |        |     |  |
| Generators for the bounded automorphisms of infinite-rank free nilpotent groups     | 40 | (1989) | 175 |  |
| <b>K. Buzasi</b>  |    |        |     |  |
| On the structure of a real crossed group algebra                                    | 38 | (1988) | 31  |  |
| <b>Frederick W. Call</b>  |    |        |     |  |
| Contracted primes of the complete ring of quotients                                 | 38 | (1988) | 373 |  |
| <b>Bruce Calvert and Simon Fitzpatrick</b>  |    |        |     |  |
| Nonexpansive projections onto two-dimensional subspaces of Banach spaces            | 37 | (1988) | 149 |  |
| <b>Carmen Silvia Cardassi</b>   |    |        |     |  |
| Density of numerical radius attaining operators on some reflexive spaces            | 31 | (1985) | 1   |  |
| <b>T. Chakraborti</b>   |    |        |     |  |
| See D.N. Sarkhel  |    |        |     |  |
| <b>Gary Chartrand, S.F. Kapoor,</b>   |    |        |     |  |
| <b>Ortrud R. Oellerman and Sergio Ruiz</b>  |    |        |     |  |
| On maximum matchings in cubic graphs with a bounded number of bridge-covering paths | 36 | (1987) | 441 |  |
| <b>Bang-Yen Chen and Paolo Piccinni</b>   |    |        |     |  |

|   |    |        |     |
|---|----|--------|-----|
| <b>Submanifolds with finite type Gauss map</b>                                    | 35 | (1987) | 161 |
| <b>Bang-Yen Chen and Lieven Vanhecke</b>  |    |        |     |
| Reflections and symmetries in compact symmetric spaces                            | 38 | (1988) | 377 |
| <b>Ming-Po Chen and Ih-Ren Lan</b>  |    |        |     |
| On certain inequalities for some regular functions<br>defined on the unit disc    | 35 | (1987) | 387 |
| <b>Shaozhu Chen</b>   |    |        |     |
| Asymptotic linearity of solutions of nonlinear differential equations             | 35 | (1987) | 257 |
| <b>Shaozhu Chen and Quingguang Huang</b>  |    |        |     |
| Asymptotic behaviour of solutions to neutral<br>functional differential equations | 40 | (1989) | 345 |
| <b>Wun-Seng Chou</b>  |    |        |     |
| Binomial permutations of finite fields  | 38 | (1988) | 325 |
| <b>Bon Dae Choi and Soo Hak Sung</b>  |    |        |     |
| On Chung's strong law of large numbers in general Banach spaces                   | 37 | (1988) | 93  |
| <b>S.A. Choudum</b>   |    |        |     |
| A simple proof of the Erdős-Gallai theorem on graph sequences                     | 33 | (1986) | 67  |
| <b>S.-S. Chow and R.D. Lazarov</b>  |    |        |     |
| Superconvergence analysis of flux computations for<br>nonlinear problems          | 40 | (1989) | 465 |
| <b>Cho-Ho Chu and Nigel P.H. Jefferies</b>  |    |        |     |
| Extreme positive linear maps between Jordan Banach algebras                       | 35 | (1987) | 349 |
| <b>Huah Chu, Ming-Chang Kang and<br/>Eng-Tjioe Tan</b>                            |    |        |     |
| The invariants of projective linear group actions                                 | 39 | (1989) | 107 |
| <b>John Clark</b>   |    |        |     |
| The centre of an FPF ring need not be FPF   | 37 | (1988) | 235 |
| A note on the fixed subring of an FPF ring  | 40 | (1989) | 109 |
| <b>L.H. Clark and R.C. Entringer</b>  |    |        |     |
| The bisection width of cubic graphs   | 39 | (1989) | 389 |
| <b>Joan Cleary and Sidney A. Morris</b>   |    |        |     |
| Topologies on locally compact groups  | 38 | (1988) | 105 |
| Locally dyadic topological groups   | 40 | (1989) | 417 |
| <b>Paul Cleary</b>  |    |        |     |
| Orbits and chaos in dynamical systems [A]   | 37 | (1988) | 477 |
| <b>Stephen D. Cohen</b>   |    |        |     |
| The reducibility theorem for linearised<br>polynomials over finite fields         | 40 | (1989) | 407 |
| <b>Mark Francis Collins</b>   |    |        |     |
| Distribution-free tests of subhypotheses [A]*                                     | 31 | (1985) | 315 |
| <b>Marston Conder</b>   |    |        |     |
| A family of Hurwitz groups with non-trivial centres                               | 33 | (1986) | 123 |
| <b>W.A. Coppel</b>  |    |        |     |
| Quadratic systems with a degenerate critical point                                | 38 | (1988) | 1   |
| <b>John Cossey</b>  |    |        |     |
| Finite soluble groups have large centralisers                                     | 35 | (1987) | 291 |
| <b>David John Cullen</b>  |    |        |     |
| The equivalence of linear systems [A]   | 32 | (1985) | 317 |
| <b>M.J. Curran</b>  |    |        |     |
| Indecomposable 2-groups with all automorphisms central                            | 31 | (1985) | 349 |
| Automorphisms of certain $p$ -groups ( $p$ odd)                                   | 38 | (1988) | 299 |

|   |    |        |     |
|---|----|--------|-----|
| <b>M.J. Curran and D.J. McCaughan</b>   |    |        |     |
| Central automorphisms of finite groups  | 34 | (1986) | 191 |
| <b>D.W. Curtis</b>  |    |        |     |
| See V.N. Akis   |    |        |     |
| <b>E.N. Dancer</b>  |    |        |     |
| Degenerate critical points, homotopy indices<br>and morse inequalities III          | 40 | (1989) | 97  |
| <b>A.G. Das</b>   |    |        |     |
| See De Sarkar   |    |        |     |
| See also U. Das   |    |        |     |
| <b>U. Das and A.G. Das</b>  |    |        |     |
| Integration by parts for some general integrals                                     | 37 | (1988) | 1   |
| <b>A.T. Dash</b>  |    |        |     |
| Joint Browder spectra and tensor products   | 32 | (1985) | 119 |
| <b>B.A. Davey and H. Werner</b>   |    |        |     |
| Piggyback-Dualitäten  | 32 | (1985) | 1   |
| <b>W. Deeb, R. Khalil and M. Marzuq</b>   |    |        |     |
| Isometric multiplication of Hardy-Orlicz spaces                                     | 34 | (1986) | 177 |
| <b>J. DeFranza and D.J. Fleming</b>   |    |        |     |
| Positioning matrices with respect to the boundary<br>of the maximal group           | 33 | (1986) | 113 |
| <b>De Giovanni</b>  |    |        |     |
| See Bernhard Amberg   |    |        |     |
| <b>S. De Sarkar and A.G. Das</b>  |    |        |     |
| Riemann derivatives and general integrals   | 35 | (1987) | 187 |
| <b>S. De Sarkar and S. Panda</b>  |    |        |     |
| Generalised Hölderian functions   | 40 | (1989) | 147 |
| <b>Stefania De Steffano and Simonetta Di Sieno</b>                                  |    |        |     |
| A remark on completely reducible near-rings   | 31 | (1985) | 35  |
| <b>James K. Deveney and Joe Yanik</b>   |    |        |     |
| Fields countably generated over a proper subfield                                   | 33 | (1986) | 219 |
| <b>Robert Deville</b>   |    |        |     |
| A dual characterisation of the existence of small<br>combinations of slices         | 37 | (1988) | 113 |
| <b>R. Deville, G. Godefroy, D.R.G. Hare<br/>and V. Zizler</b>                       |    |        |     |
| Phelps spaces and finite dimensional decompositions                                 | 37 | (1988) | 263 |
| <b>R. Deville and V.E. Zizler</b>   |    |        |     |
| Farthest points in $w^*$ -compact sets  | 38 | (1988) | 433 |
| <b>Jeffrey N. Dewynne</b>   |    |        |     |
| On an integral formulation for heat-diffusion moving<br>boundary-problems [A]       | 34 | (1986) | 153 |
| See James M. Hill   |    |        |     |
| <b>Phil Diamond</b>   |    |        |     |
| Nonlinear integral operators and chaos in Banach spaces                             | 35 | (1987) | 275 |
| <b>Phil Diamond and Peter Kloeden</b>   |    |        |     |
| A note on compact sets in spaces of subsets   | 38 | (1988) | 393 |
| <b>S.J. Dilworth</b>  |    |        |     |
| Isometric results on a measure of non-compactness<br>for operators on Banach spaces | 35 | (1987) | 27  |
| <b>Simonetta Di Sieno</b>   |    |        |     |

*See Stefania De Stefano*

**G.D. Dikshit**

Absolute Riesz summability of a Fourier related series, II 32 (1985) 93

**Vlastimil Dlab**

The hereditary measure of an algebra 40 (1989) 189

**David E. Dobbs**

Going-down underrings 36 (1987) 503

Nearly integral homomorphisms of computative rings 40 (1989) 1

*See Valentina Barucci*

**Diane Donovan**

A family of balanced ternary designs with block size four 33 (1986) 321

Topics in balanced ternary designs [A] 37 (1988) 31

**Pavel Drábek and Milan Kučera**

Bifurcations of second order problems with jumping nonlinearities 37 (1988) 179

**Vesselin Drensky**

Torsion in the additive group of relatively free Lie rings 33 (1986) 81

**Ban-Sen Du**

The minimal number of periodic orbits of periods  
guaranteed in Sharkovskii's theorem 31 (1985) 89

The minimal number of periodic orbits of periods  
guaranteed in Sharkovskii's theorem: Corrigendum 32 (1985) 159

A note on periodic points of expanding maps of the interval 33 (1986) 435

Examples of expanding maps with some special properties 36 (1987) 469

Unimodal expanding maps of the interval 38 (1988) 125

Every chaotic interval map has a scrambled set in the recurrent set 39 (1989) 259

**Francois Dubeau and Jean Savoie**

On circulant matrices for certain periodic  
spline and histospline projections 36 (1987) 49

**Duong Minh Duc**

A class of strongly degenerate elliptic operators 39 (1989) 177

**Tong Van Duc**

Structure presque-transverse intégrable 37 (1988) 173

Une caractérisation du fibré cotangent 38 (1988) 465

**Ivo Düntsch**

Some properties of the lattice of subalgebras of a Boolean algebra 32 (1985) 177

Covers and complements in the subalgebra lattice  
of a Boolean algebra 40 (1989) 371

**J.A. Dutton**

*See R. Wells*

**Heneri A.M. Dzinotyiweyi**

Weighted function algebras on groups and semigroups 33 (1986) 307

The cardinality of the set of left invariant  
means of topological semigroups 37 (1988) 247

**Wiesław Zwoliński**

The subvariety lattice of the variety of distributive double  $p$ -algebras 31 (1985) 377

**A.G. Earnest**

Exponents of the class groups of imaginary Abelian number fields 35 (1987) 231

**D. Easdown**

The minimal faithful degree of a fundamental inverse semigroup 35 (1987) 373

**David Easdown and Cheryl E. Praeger**

On minimal faithful permutation representations of finite groups 38 (1988) 207

|   |    |        |     |  |
|---|----|--------|-----|--|
| <b>Phillip Martin Edwards</b>   |    |        |     |  |
| Eventually regular semigroups [A]   | 31 | (1985) | 157 |  |
| <b>P.M. Edwards</b>   |    |        |     |  |
| Eventually regular semigroups that are group-bound                                  | 34 | (1986) | 127 |  |
| <b>Richard R. Egudo</b>   |    |        |     |  |
| Multiobjective fractional duality   | 37 | (1988) | 367 |  |
| <b>Anthony N. Eke</b>   |    |        |     |  |
| Compactness and convexity of cores of targets for neutral systems                   | 39 | (1989) | 449 |  |
| <b>M.M. Eliosh</b>  |    |        |     |  |
| On the logarithmic derivatives of subordinate functions                             | 36 | (1987) | 127 |  |
| On a subclass of Bazilevic functions  | 39 | (1989) | 167 |  |
| <b>David Elliott</b>  |    |        |     |  |
| On bounds for the Lipschitz constant of the remainder in polynomial approximation   | 33 | (1986) | 49  |  |
| <i>See W. McLean</i>  |    |        |     |  |
| <b>A.J. Ellis</b>   |    |        |     |  |
| Distances between convex subsets of state spaces                                    | 32 | (1985) | 109 |  |
| <b>Heinz W. Engl and C.W. Groetsch</b>  |    |        |     |  |
| A higher order approximation technique for restricted linear least-square problems  | 37 | (1988) | 121 |  |
| <b>R.C. Entringer</b>   |    |        |     |  |
| <i>See L.H. Clark</i>   |    |        |     |  |
| <b>L.H. Erbe and B.G. Zhang</b>   |    |        |     |  |
| Oscillation of second order neutral differential equations                          | 39 | (1989) | 71  |  |
| <b>J. Esquinas and J. López-Gómez</b>   |    |        |     |  |
| Optimal results in local bifurcation theory   | 36 | (1987) | 25  |  |
| <b>S.N. Evans and N.C. Weber</b>  |    |        |     |  |
| On the almost sure convergence of a general stochastic approximation procedure      | 34 | (1986) | 335 |  |
| <b>Trevor Evans</b>   |    |        |     |  |
| Embedding and representation theorems for clones and varieties                      | 40 | (1989) | 199 |  |
| <b>M. Fabian</b>  |    |        |     |  |
| On projective resolution of identity on the duals of Banach spaces                  | 35 | (1987) | 363 |  |
| Each weakly countably determined Asplund space admits a Fréchet differentiable norm | 36 | (1987) | 367 |  |
| <b>Theodore G. Faticoni</b>   |    |        |     |  |
| On the lattice of right ideals of the endomorphism ring of an abelian group         | 38 | (1988) | 273 |  |
| <b>Shalom Feigelstock</b>   |    |        |     |  |
| The near-ring of generalized affine transformations                                 | 32 | (1985) | 345 |  |
| Rings isomorphic to their unbounded left ideals                                     | 38 | (1988) | 93  |  |
| Rings whose additive endomorphisms are $n$ -multiplicative                          | 39 | (1989) | 11  |  |
| <b>S. Feigelstock and R. Raphael</b>  |    |        |     |  |
| Some aspects of relative injectivity  | 36 | (1987) | 161 |  |
| <b>Simon Fitzpatrick</b>  |    |        |     |  |
| Nearest points to closed sets and directional derivatives of distance functions     | 39 | (1989) | 233 |  |
| <i>See Bruce Calvert</i>  |    |        |     |  |
| <i>See also Jon Borwein</i>   |    |        |     |  |
| <b>D.J. Fleming</b>   |    |        |     |  |
| <i>See J. DeFranza</i>  |    |        |     |  |

|  |    |        |     |
|--|----|--------|-----|
| <b>Y. Fong and L. van Wyk</b>  |    |        |     |
| A note on semi-homomorphisms of rings                                  | 40 | (1989) | 481 |
| <b>Peter Förster</b>   |    |        |     |
| Nilpotent injectors in finite groups                                   | 32 | (1985) | 293 |
| <b>P. Förster and E. Salomon</b>                                       |    |        |     |
| Local definitions of local homomorphs and formations of finite groups  | 31 | (1985) | 5   |
| <b>Halina France-Jackson</b>   |    |        |     |
| Weakly prime left ideals in general rings                              | 32 | (1985) | 357 |
| <b>Silvana Franciosi</b>   |    |        |     |
| See Bernhard Amberg  |    |        |     |
| <b>Clément Frappier</b>  |    |        |     |
| Some representation formulae for entire functions of exponential type  | 37 | (1988) | 17  |
| <b>Peter Fuchs</b>   |    |        |     |
| On near-rings in which the constants form an ideal                     | 39 | (1989) | 171 |
| <b>Glenn Robert Fulford</b>  |    |        |     |
| Slender body theory near an interface at very low Reynolds' number [A] | 33 | (1986) | 155 |
| <b>Takayuki Furuta</b>   |    |        |     |
| Extensions of the Fuglede-Putnam-type theorems to subnormal operators  | 31 | (1985) | 161 |
| Similarity between Kleinecke theorem and Fuglede-Putnam theorem        | 33 | (1986) | 329 |
| <b>Anthony M. Gaglione and Dennis Spellman</b>                         |    |        |     |
| The persistence of universal formulae in free algebras                 | 36 | (1987) | 11  |
| <b>E. Galea</b>  |    |        |     |
| Rotating magnetic upper-main sequence stars [A]                        | 32 | (1985) | 465 |
| <b>T. Gedeon</b>   |    |        |     |
| There are no chaotic mappings with residual scrambled sets             | 36 | (1987) | 411 |
| <b>Shahaboddin Ghahreman</b>   |    |        |     |
| Extrema of Gaussian process by simulation [A]                          | 36 | (1987) | 521 |
| <b>M.K. Ghosh</b>  |    |        |     |
| See M. Maiti   |    |        |     |
| <b>Ester Giarrusso and Guido Trombetti</b>                             |    |        |     |
| Estimates for solutions of elliptic equations in a limit case          | 36 | (1987) | 425 |
| <b>Greg G. Gibbon</b>  |    |        |     |
| Intersection properties of functions on cardinals [A]                  | 31 | (1985) | 475 |
| <b>Gerhard Gierz and Albert R. Stralka</b>                             |    |        |     |
| Essential completions of distributive lattices                         | 32 | (1985) | 361 |
| <b>J.R. Giles</b>  |    |        |     |
| A distance function property implying differentiability                | 39 | (1989) | 59  |
| <b>J.R. Giles, Brailey Sims and S. Swaminathan</b>                     |    |        |     |
| A geometrically aberrant Banach space with normal structure            | 31 | (1985) | 75  |
| <b>Stephen P. Glasby</b>   |    |        |     |
| Computational approaches to the theory of finite soluble groups [A]    | 38 | (1988) | 157 |
| <b>G. Godefroy</b>   |    |        |     |
| See R. Deville   |    |        |     |
| <b>H.P. Goeters, C. Vinsonhaler and W. Wickless</b>                    |    |        |     |
| Hypertypes of torsion-free abelian groups of finite rank               | 39 | (1989) | 21  |
| <b>K.H.M. Goh</b>  |    |        |     |

|   |    |        |     |
|---|----|--------|-----|
| <b>Numerical solution of quadratically non-linear boundary value problems using integral equation techniques, with application to nozzle and wall flows [A]</b> | 38 | (1988) | 315 |
| <b>Jairo Zacarias Goncalves</b>   |    |        |     |
| Normal and subnormal subgroups in the group of units of group rings   | 31 | (1985) | 355 |
| <b>H.H. Gonska</b>  |    |        |     |
| See C. Badea  |    |        |     |
| <b>Heinz H. Gonska and A. Roth</b>  |    |        |     |
| Control point insertion for <i>B</i> -spline curves   | 38 | (1988) | 307 |
| <b>Jose L. de Maria Gonzalez</b>  |    |        |     |
| See P. Jiminez Guerra   |    |        |     |
| <b>Stuart John Goodenough</b>   |    |        |     |
| Error estimates for the approximation of functions by certain interpolation polynomials [A]   | 33 | (1986) | 157 |
| <b>S.J. Goodenough</b>  |    |        |     |
| A link between Lebesgue and Hermite-Fejér interpolation   | 33 | (1986) | 207 |
| <b>S.R. Grace and B.S. Lalli</b>  |    |        |     |
| Oscillatory behavior of nonlinear differential equations with deviating arguments   | 31 | (1985) | 127 |
| <b>N.J. Groenewald</b>  |    |        |     |
| See L. Booth  |    |        |     |
| <b>C.W. Groetsch</b>  |    |        |     |
| See Heinz W. Engel  |    |        |     |
| <b>M.R. Grossinho and L. Sanchez</b>  |    |        |     |
| A note on periodic solutions of some nonautonomous differential equations   | 34 | (1986) | 253 |
| <b>Hendrik Grundling</b>  |    |        |     |
| Algebraic structure of degenerate systems [A]   | 36 | (1987) | 341 |
| <b>P. Jimenez Guerra and Jose L. de Maria Gonzalez</b>  |    |        |     |
| An Egorov's theorem for vector functions  | 31 | (1985) | 451 |
| <b>C.K. Gupta and Frank Levin</b>   |    |        |     |
| Automorphisms of nilpotent-by-abelian groups  | 40 | (1989) | 207 |
| <b>N.D. Gupta and M.F. Newman</b>   |    |        |     |
| Third Engel groups  | 40 | (1989) | 215 |
| <b>István Győri</b>   |    |        |     |
| Oscillation conditions in scalar linear delay differential equations  | 34 | (1986) | 1   |
| <b>Olga Hadžić</b>  |    |        |     |
| A coincidence theorem in topological vector spaces  | 33 | (1986) | 373 |
| <b>Shirley Yolande Hairsine</b>   |    |        |     |
| Numerical and analytical solutions of the kinematic approximation for flows over surface elements [A]   | 36 | (1987) | 337 |
| <b>T.E. Hall</b>  |    |        |     |
| Identities for existence varieties of regular semigroups  | 40 | (1989) | 59  |
| <b>Graehame Hardy</b>   |    |        |     |
| Demicontinuity of Nemitsky operators on Orlicz-Sobolev spaces   | 37 | (1988) | 27  |
| <b>D.E.G. Hare</b>  |    |        |     |
| See R. Deville  |    |        |     |
| <b>J.E. Harmse</b>  |    |        |     |
| Antipodal coincidence sets and stronger forms of connectedness  | 31 | (1985) | 271 |
| <b>Phillip Charles Harsisworth</b>  |    |        |     |
| Applications of symmetry groups and the Wahlquist-  |    |        |     |

|  |    |        |     |
|--|----|--------|-----|
| <b>Peter Hauck and Reinhold Kienzle</b>  |    |        |     |
| Modular fitting functors in finite groups  | 36 | (1987) | 475 |
| <b>T.E. Hays</b>   |    |        |     |
| Clifford semigroups and monotonicity   | 32 | (1985) | 83  |
| <b>Henry Heatherly and Altha Blanchet</b>  |    |        |     |
| <i>N</i> -th root rings  | 35 | (1987) | 111 |
| <b>Joachim A. Hempel and Simon J. Smith</b>  |    |        |     |
| Uniformisation of the twice-punctured disc - problems of confluence                                | 39 | (1989) | 369 |
| <b>Dragoslav Herceg, Relja Vulanović and Nenad Petrović</b>  |    |        |     |
| Higher order schemes and Richardson extrapolation for singular perturbation problems               | 39 | (1989) | 129 |
| <b>Marcel Herzog</b>   |    |        |     |
| <i>See</i> Edward A. Bertram   |    |        |     |
| <b>Herbert Heyer</b>   |    |        |     |
| <i>See</i> Walter R. Bloom   |    |        |     |
| <b>J.B. Hickey</b>   |    |        |     |
| On variants of a semigroup   | 34 | (1986) | 447 |
| <b>Mark S. Hickman</b>   |    |        |     |
| Integrable double Kerr-Schild spaces [A]   | 33 | (1986) | 477 |
| <b>Graham Higman</b>   |    |        |     |
| Some groups all of whose proper verbal quotients are relatively free                               | 40 | (1989) | 231 |
| <b>James M. Hill</b>   |    |        |     |
| Some recent results for heat-diffusion moving boundary problems                                    | 32 | (1985) | 437 |
| <b>Johathan A. Hillman</b>   |    |        |     |
| The kernel of the cup product  | 32 | (1985) | 261 |
| <b>Yasuyuki Hirano</b>   |    |        |     |
| On a problem of Szász  | 40 | (1989) | 363 |
| <b>Yasuyuki Hirano and Hisao Tominaga</b>  |    |        |     |
| Rings in which every element is the sum of two idempotents   | 37 | (1988) | 161 |
| <b>Yasuyuki Hirano and Isao Mogami</b>   |    |        |     |
| On the additive groups of subdirectly irreducible rings  | 34 | (1986) | 275 |
| <b>Thomas Hoffman-Walbeck</b>  |    |        |     |
| Dirichlet problem with $L^p$ -boundary data [A]  | 36 | (1987) | 173 |
| <b>Karl H. Hofmann and Verena S. Keith</b>   |    |        |     |
| Invariant quadratic forms on finite dimensional Lie algebras                                       | 33 | (1986) | 21  |
| <b>A.F. Horadam</b>  |    |        |     |
| <i>See</i> S. Pethe  |    |        |     |
| <b>P.G. Hornby</b>   |    |        |     |
| Eigenvalue approximation methods for quantum lattice Hamiltonians [A]                              | 31 | (1985) | 463 |
| <b>Robert B. Howlett and Richard Livingston</b>  |    |        |     |
| On the laws of certain varieties of groups   | 31 | (1985) | 145 |
| <b>S.G. Hristova and D.D. Bainov</b>   |    |        |     |
| Periodic solutions of quasilinear non-autonomous systems with impulses                             | 31 | (1985) | 185 |
| Bilateral approximations and periodic solutions of systems of differential equations with impulses | 31 | (1985) | 293 |
| <b>Quingguang Huang</b>  |    |        |     |
| <i>See</i> Shaozhu Chen  |    |        |     |

|  |    |        |     |  |
|--|----|--------|-----|--|
| <b>W.T. Hung</b>   |    |        |     |  |
| Modelling the human erythrocyte sedimentation rate [A]                         | 40 | (1989) | 495 |  |
| <b>W.N. Hunsaker and Naimpally</b>   |    |        |     |  |
| Extensions of continuous functions: reflective functors                        | 35 | (1987) | 455 |  |
| <b>S.A. Huq</b>  |    |        |     |  |
| Semi-homomorphisms of rings  | 36 | (1987) | 121 |  |
| <b>Robert J. Hursey</b>  |    |        |     |  |
| On nilpotent and polycyclic groups   | 40 | (1989) | 119 |  |
| <b>Mostefa Ider</b>  |    |        |     |  |
| On the superposition of functions in Carleman classes                          | 39 | (1989) | 471 |  |
| <b>G.B. Im and G.M. Kelly</b>  |    |        |     |  |
| Adjoint-triangle theorems for conservative functors                            | 36 | (1987) | 133 |  |
| <b>G. Isac</b>   |    |        |     |  |
| On the implicit complementarity problem in Hilbert spaces                      | 32 | (1985) | 251 |  |
| Fixed point theory and complementarity problems in Hilbert space               | 36 | (1987) | 295 |  |
| <b>Massoud Jahangiri</b>   |    |        |     |  |
| Weighted convolutions of certain polynomials                                   | 40 | (1989) | 397 |  |
| <b>Zbigniew Jerzy Jakubowski</b>   |    |        |     |  |
| On the properties of an integral operator                                      | 32 | (1985) | 55  |  |
| <b>Stanislaw Janeczko and Adam Kowalczyk</b>                                   |    |        |     |  |
| Isotropic varieties in the singular symplectic geometry                        | 38 | (1988) | 161 |  |
| <b>K. Janková and J. Smítal</b>  |    |        |     |  |
| A characterization of chaos  | 34 | (1986) | 283 |  |
| <b>J.A. Jaramillo</b>  |    |        |     |  |
| An example on composite differentiable functions<br>in infinite dimensions     | 40 | (1989) | 91  |  |
| <b>C.B. Jay</b>  |    |        |     |  |
| Lambek's operational categories  | 33 | (1986) | 161 |  |
| <b>Neville Jeans</b>   |    |        |     |  |
| Calculation of fundamental units in some types<br>of quartic number fields [A] | 31 | (1985) | 479 |  |
| <b>Brian Jefferies</b>   |    |        |     |  |
| Radon polymeasures   | 32 | (1985) | 207 |  |
| Fubini's theorem for Radon polymeasures  | 38 | (1988) | 211 |  |
| <b>Nigel P.H. Jefferies</b>  |    |        |     |  |
| See Cho-Ho Chu   |    |        |     |  |
| <b>Gary R. Jensen, Marco Rigoli and Kichoon Yang</b>                           |    |        |     |  |
| Holomorphic curves in the complex quadric                                      | 35 | (1987) | 125 |  |
| <b>V. Jeyakumar</b>  |    |        |     |  |
| Nondifferentiable programming and duality with<br>modified convexity [A]       | 35 | (1987) | 309 |  |
| See T. Weir  |    |        |     |  |
| <b>Stephen Joe</b>   |    |        |     |  |
| The numerical solution of second kind Fredholm<br>integral equations [A]       | 33 | (1986) | 319 |  |
| <b>D.L. Johnson and A.C. Kim</b>   |    |        |     |  |
| Free Fibonacci algebras  | 40 | (1989) | 235 |  |
| <b>A.S. Jones</b>  |    |        |     |  |
| Quadratic eigenvalue problems  | 37 | (1988) | 273 |  |
| Quasi-additive solutions of nonlinear differential equations II                | 38 | (1988) | 19  |  |
| <b>O.P. Juneja</b>   |    |        |     |  |

*See M.L. Mogra*

**Bernard John Kachoyan**

Stability in finite containers [A]

35

(1987)

319

**Gudrun Kalmbach**

The free orthomodular word problem is solvable

34

(1986)

219

**Hitoshi Kaneta**

*See Tatsuya Maruta*

**Ming-Chang Kang**

*See Huah Chu*

**S.F. Kapoor**

*See Gary Chartrand*

**Luise-Charlotte Kappe**

Finite coverings by 2-Engel groups

38

(1988)

141

**A. Karrass**

*See R.G. Burns*

**H.S. Kasana**

Existence theorem for proximate type of entire  
functions with index-pair (p,q)

35

(1987)

35

**Grant Keady**

The power concavity of solutions of some semilinear elliptic  
boundary-value problems

31

(1985)

181

**Verena S. Keith**

*See Karl H. Hofmann*

**G.M. Kelly and F. Rossi**

Topological categories with many symmetric monoidal  
closed structures

31

(1985)

41

**G.M. Kelly**

On the ordered set of reflective subcategories

36

(1987)

137

Elementary observations on 2-categorical limits

39

(1989)

301

*See G.B. Im*

**Nobuyuki Kemoto**

A note on connected submetaLindelöf spaces

40

(1989)

83

Stationary subspaces in ordered spaces

40

(1989)

381

**Alan U. Kennington**

An improved convexity maximum principle and  
some applications [A]

31

(1985)

159

**T. Kepka and M. Niemenmaa**

On conjugacy classes in finite loops

38

(1988)

171

**R. Khalik**

*See W. Deeb*

**M.A. Khamsi**

James quasi-reflexive space has the fixed point property

39

(1989)

25

**M.A. Khan**

*See Murtaza A. Quadri*

**Reinhold Kienzle**

*See Peter Hauck*

**Isao Kikumasa**

*See Tatsuya Maruta*

**A.C. Kim**

*See D.L. Johnson*

**Choo-Whan Kim**

|  |    |        |     |
|--|----|--------|-----|
| <b>Wilansky's query on outer measure</b>                             | 31 | (1985) | 325 |
| <b>Hong Oh Kim and Chang Ock Lee</b>                                 |    |        |     |
| A note on $n$ -harmonic majorants                                    | 34 | (1986) | 461 |
| <b>H.O. Kim, S.M. Kim and E.G. Kwon</b>                              |    |        |     |
| A note on the space $H^{p,\alpha}$ of holomorphic functions          | 35 | (1987) | 471 |
| <b>P.S. Kim and A.H. Rhemtulla</b>                                   |    |        |     |
| Permutable word products in groups                                   | 40 | (1989) | 243 |
| <b>S.M. Kim</b>  |    |        |     |
| See H.O. Kim   |    |        |     |
| <b>M. Kimura</b>   |    |        |     |
| Real hypersurfaces of a complex projective space                     | 33 | (1986) | 383 |
| <b>B.S. Kiranagi</b>   |    |        |     |
| See G. Prema   |    |        |     |
| <b>Emil W. Kiss</b>  |    |        |     |
| Injectivity and related concepts in modular varieties I.             |    |        |     |
| Two commutator properties  | 32 | (1985) | 33  |
| Injectivity and related concepts in modular varieties II.            |    |        |     |
| The congruence extension property                                    | 32 | (1985) | 45  |
| <b>Kazuaki Kitahara</b>  |    |        |     |
| See Shirô Ogawa  |    |        |     |
| <b>Faud Kittaneh</b>   |    |        |     |
| On zero-trace commutators  | 34 | (1986) | 119 |
| <b>A.A. Klein and I. Nada</b>  |    |        |     |
| A commutativity result for rings                                     | 33 | (1986) | 359 |
| <b>P.E. Kloeden</b>  |    |        |     |
| Asymptotically stable attracting sets in the Navier-Stokes equations | 34 | (1986) | 37  |
| See Phil Diamond   |    |        |     |
| <b>Anders Kock</b>   |    |        |     |
| Lie group valued integration in well-adapted toposes                 | 34 | (1986) | 395 |
| <b>Sung Eun Koh</b>  |    |        |     |
| Stability of constant mean curvature surface in $R^3$                | 36 | (1987) | 19  |
| <b>V. Koubek</b>   |    |        |     |
| See M.E. Adams   |    |        |     |
| <b>L.G. Kovács</b>   |    |        |     |
| Wreath decompositions of finite permutation groups                   | 40 | (1989) | 255 |
| <b>Adam Kowalczyk</b>  |    |        |     |
| See Stanisław Janeczko   |    |        |     |
| <b>Saint Krass</b>   |    |        |     |
| The $N$ -dimensional diophantine approximation constants [A]         | 32 | (1985) | 313 |
| On a conjecture of Littlewood in diophantine approximations          | 32 | (1985) | 379 |
| <b>Klaus Kriegel, Reinhard Pöschell and Walter Wessel</b>            |    |        |     |
| The dimension of graphs with respect to the direct                   |    |        |     |
| powers of a two-element graph  | 36 | (1987) | 251 |
| <b>Milan Kučera</b>  |    |        |     |
| See Pavel Drábek   |    |        |     |
| <b>Wojciech Kucharz</b>  |    |        |     |
| A remark on projective modules                                       | 36 | (1987) | 515 |
| Complex vector bundles on real algebraic varieties                   |    |        |     |
| of small dimension   | 38 | (1988) | 345 |
| <b>G.K. Kulev and D.D. Bainov</b>                                    |    |        |     |
| Asymptotic stability of systems with impulses by                     |    |        |     |

|  |    |        |     |
|--|----|--------|-----|
| <b>the direct method of Lyapunov</b>   | 38 | (1988) | 113 |
| <b>A. Kumar</b>  |    |        |     |
| <i>See J. Parida</i>   |    |        |     |
| <i>See also J. Parida</i>  |    |        |     |
| <b>R. David Chandra Kumar</b>  |    |        |     |
| <i>See R.K. Singh</i>  |    |        |     |
| <b>Sunil Kumar</b>   |    |        |     |
| A new collocation-type method for the numerical<br>solution of Hammerstein equations [A] | 38 | (1988) | 151 |
| <b>Vinod Kumar and S.L. Shukla</b>   |    |        |     |
| On an integral operator for convex univalent functions                                   | 34 | (1986) | 211 |
| <b>K. Kuppuswamy Rao</b>   |    |        |     |
| <i>See M.L. Narayana Rao</i>   |    |        |     |
| <b>E.G. Kwon</b>   |    |        |     |
| A note on the coefficients of mixed normed spaces  | 33 | (1986) | 253 |
| Fractional integration and the hyperbolic derivative                                     | 38 | (1988) | 357 |
| <i>See H.O. Kim</i>  |    |        |     |
| <b>Athanassios Kyriazis</b>  |    |        |     |
| Tensor products of function algebras   | 36 | (1987) | 417 |
| <b>B.S. Lalli</b>  |    |        |     |
| <i>See S.R. Grace</i>  |    |        |     |
| <b>Ih-Ren Lan</b>  |    |        |     |
| <i>See Ming-Po Chen</i>  |    |        |     |
| <b>H. Laue</b>   |    |        |     |
| <i>See D. Bleskenohl</i>   |    |        |     |
| <b>Charles Richard Ogiki Lawoko</b>  |    |        |     |
| Discriminant analysis with correlated training data [A]                                  | 37 | (1988) | 313 |
| <b>R.D. Lazarov</b>  |    |        |     |
| <i>See S.-S. Chow</i>  |    |        |     |
| <b>A.J. Ledger and L. Vanhecke</b>   |    |        |     |
| Locally homogenous <i>S</i> -structures  | 37 | (1988) | 241 |
| <b>Chang Ock Lee</b>   |    |        |     |
| <i>See Ilang Oh Kim</i>  |    |        |     |
| <b>Heakyung Lee</b>  |    |        |     |
| Strongly right FBN rings   | 38 | (1988) | 457 |
| Strongly right FBN rings: Corrigendum  | 39 | (1989) | 479 |
| <b>J.P. Lee and Z. Piotrowski</b>  |    |        |     |
| A note on spaces related to Namioka spaces   | 31 | (1985) | 285 |
| <b>Keon-Hee Lee</b>  |    |        |     |
| Recurrence in Lipschitz stable flows   | 38 | (1988) | 197 |
| <b>Pui-Fai Leung</b>   |    |        |     |
| On the area growth of a hyperbolic surface   | 39 | (1989) | 435 |
| <b>Pui-Fai Leung and Luen-Chau Li</b>  |    |        |     |
| On the spectrum of the biharmonic operator in a bounded domain                           | 31 | (1985) | 83  |
| <b>Inessa Levi</b>   |    |        |     |
| Automorphisms and range families of transformation<br>semigroups [A]                     | 32 | (1985) | 151 |
| <b>F. Levin</b>  |    |        |     |
| <i>See C.K. Gupta</i>  |    |        |     |
| <b>Richard Livingston</b>  |    |        |     |
| <i>See Robert B. Howlett</i>   |    |        |     |

|   |    |        |     |
|---|----|--------|-----|
| <b>T. Lewis, J. Whitfield and V. Zizler</b>   |    |        |     |
| Uniform asymptotic smoothness of norms  | 33 | (1986) | 457 |
| <b>Li-Ming Li</b>   |    |        |     |
| Stability of linear neutral delay-differential systems  | 38 | (1988) | 339 |
| <b>Luen-Chau Li</b>   |    |        |     |
| See Pui-Fai Leung   |    |        |     |
| <b>Susanti Lianto</b>   |    |        |     |
| Recursive estimation in the general linear model [A]  | 36 | (1987) | 351 |
| <b>Martin W. Liebeck, Cheryl E. Praeger<br/>and Jan Saxl</b>  |    |        |     |
| Distance transitive graphs with symmetric or<br>alternate automorphism group                            | 35 | (1987) | 1   |
| <b>Steve Ligh</b>   |    |        |     |
| See Scott Beslin  |    |        |     |
| <b>C.-S. Lin</b>  |    |        |     |
| <i>A</i> -bilinear forms and generalised <i>A</i> -quadratic<br>forms on unitary left <i>A</i> -modules | 39 | (1989) | 49  |
| <b>Fang Hua Lin</b>   |    |        |     |
| Approximation by smooth embedded hypersurfaces<br>with positive mean curvature                          | 36 | (1987) | 197 |
| Minimality and stability of minimal hypersurfaces in $\mathbb{R}^n$                                     | 36 | (1987) | 209 |
| <b>Tzu-Chu Lin</b>  |    |        |     |
| Convex sets, fixed points, variational and minimax inequalities   | 34 | (1986) | 107 |
| <b>P.A. Linnett</b>   |    |        |     |
| See R. Brandl   |    |        |     |
| <b>Richard I. Loeb</b>  |    |        |     |
| A note on containment of operators  | 33 | (1986) | 279 |
| <b>N.V. Loi</b>   |    |        |     |
| See P.N. Ánh  |    |        |     |
| <b>A. García López</b>  |    |        |     |
| Operators on locally convex spaces of vector-valued<br>continuous functions                             | 36 | (1987) | 267 |
| <b>J. López-Gómez</b>   |    |        |     |
| See J. Esquinas   |    |        |     |
| <b>H.L. MacGillivray</b>  |    |        |     |
| A crossing theorem for distribution functions and their moments   | 31 | (1985) | 413 |
| <b>R.A. MacLeod</b>   |    |        |     |
| Extreme values for divisor functions  | 37 | (1988) | 447 |
| <b>Bojan Magajna</b>  |    |        |     |
| On subnormality of generalized derivations and tensor products  | 31 | (1985) | 235 |
| <b>K.D. Magill Jr.</b>  |    |        |     |
| Near-ring-semigroups of continuous selfmaps   | 37 | (1988) | 277 |
| <b>Berthold J. Maier</b>  |    |        |     |
| Two remarks on amalgams of locally finite groups  | 36 | (1987) | 461 |
| <b>M. Maiti and M.K. Ghosh</b>  |    |        |     |
| Approximating fixed points by Ishikawa iterates   | 40 | (1989) | 113 |
| <b>Srimati Majumdar</b>   |    |        |     |
| Unattained boundary points of the numerical<br>range of Hilbert space operators [A]                     | 31 | (1985) | 467 |
| <b>P. Maritz</b>  |    |        |     |
| Almost Baire class one multi-functions  | 34 | (1986) | 297 |

|  |    |        |     |
|--|----|--------|-----|
| <b>Tatsuya Maruta, Isao Kikumasa and<br/>Hitoshi Kaneta</b>                          |    |        |     |
| Singleton arrays in coding theory  | 37 | (1988) | 333 |
| <b>M. Marzuq</b>   |    |        |     |
| See W. Deeb  |    |        |     |
| <b>Maw-Ding Jean</b>   |    |        |     |
| Closed derivations on the unit square  | 34 | (1986) | 93  |
| <b>S.M. Mazhar</b>   |    |        |     |
| Approximation by Fourier Stieltjes series  | 38 | (1988) | 87  |
| <b>J. McCall</b>   |    |        |     |
| On the basis number of some complete bipartite graphs                                | 31 | (1985) | 433 |
| <b>D.J. McCaughan</b>  |    |        |     |
| See M.J. Curran  |    |        |     |
| <b>C.A. McGilchrist</b>  |    |        |     |
| Regression analysis of dependent error models  | 34 | (1986) | 199 |
| <b>Peter Christopher McIntosh</b>  |    |        |     |
| Tidal modelling as an inverse problem [A]  | 32 | (1985) | 147 |
| <b>Robert Lachlan McIntosh</b>   |    |        |     |
| Perturbing away singularities from extrema of<br>geometric variational problems [A]  | 40 | (1989) | 491 |
| <b>William McLean</b>  |    |        |     |
| Boundary integral methods for the Laplace equation [A]                               | 35 | (1987) | 155 |
| <b>W. McLean and D. Elliott</b>  |    |        |     |
| On the $p$ -norm of the truncated Hilbert transform                                  | 38 | (1988) | 413 |
| <b>M. Mecky and J. Neubüser</b>  |    |        |     |
| Some remarks on the computation of conjugacy<br>classes of soluble groups            | 40 | (1989) | 281 |
| <b>Bahman Mehri</b>  |    |        |     |
| Periodic solutions of a second order nonlinear<br>differential equation              | 40 | (1989) | 357 |
| <b>Ghanshyam Mehta</b>   |    |        |     |
| Existence of an order-preserving function<br>on normally preordered spaces           | 34 | (1986) | 141 |
| Topological methods in equilibrium analysis [A]                                      | 37 | (1988) | 469 |
| <b>R.D. Mehta and M.H. Vasavada</b>  |    |        |     |
| On the direct sum decomposition of an algebra<br>of continuous functions             | 32 | (1985) | 69  |
| <b>Kent G. Merryfield</b>  |    |        |     |
| See Nakhle H. Asmar  |    |        |     |
| <b>J.H. Meyer</b>  |    |        |     |
| A nil-implies-nilpotent result in Artinian rings                                     | 34 | (1986) | 267 |
| <b>A.G. Miamee</b>   |    |        |     |
| Extensions of three theorems for Fourier series on<br>the disc to the torus          | 33 | (1986) | 335 |
| <b>John Boris Miller</b>   |    |        |     |
| On safety and rivals in power-structures   | 37 | (1988) | 379 |
| <b>Ivan Mizera</b>   |    |        |     |
| Continuous chaotic functions of an interval<br>have generically small scrambled sets | 37 | (1988) | 89  |
| <b>Isao Mogami</b>   |    |        |     |
| See Yasuyuki Hirano  |    |        |     |

|   |    |        |     |
|---|----|--------|-----|
| <b>M.L. Mogra, T.R. Reddy and O.P. Juneja</b>                                       |    |        |     |
| Metamorphic univalent functions with positive coefficients                          | 32 | (1985) | 161 |
| <b>B. Mond</b>  |    |        |     |
| <i>See</i> T. Weir  |    |        |     |
| <b>Sidney A. Morris</b>   |    |        |     |
| A characterization of the topological group of real numbers                         | 34 | (1986) | 473 |
| The circle group  | 36 | (1987) | 279 |
| <i>See</i> Joan Cleary  |    |        |     |
| <b>Sidney A. Morris and H.B. Thompson</b>   |    |        |     |
| Metrizability of subgroups of free topological groups                               | 33 | (1986) | 103 |
| <b>Raymond Mortini</b>  |    |        |     |
| Closed and prime ideals in the algebra of bounded analytic functions                | 35 | (1987) | 213 |
| <b>R. Hugh Morton</b>   |    |        |     |
| A mathematical and computer simulation model of the running athlete [A]             | 32 | (1985) | 469 |
| <b>Kaoru Motose</b>   |    |        |     |
| Some examples of compressible group algebras and of noncompressible group algebras  | 34 | (1986) | 389 |
| <b>R.N. Mukherjee</b>   |    |        |     |
| <i>See</i> Shri Ram Yadav   |    |        |     |
| <b>S.B. Mulay</b>   |    |        |     |
| <i>See</i> Valentina Barucci  |    |        |     |
| <b>Q. Mushtaq</b>   |    |        |     |
| Modular group acting on real quadratic fields                                       | 37 | (1988) | 303 |
| <b>Emilio Musso</b>   |    |        |     |
| On the twistor space of the six-sphere  | 39 | (1989) | 119 |
| <b>A.D. Myshkis</b>   |    |        |     |
| <i>See</i> D.D. Bainov  |    |        |     |
| <b>I. Nada</b>  |    |        |     |
| <i>See</i> A.A. Klein   |    |        |     |
| <b>Itzhak Nada</b>  |    |        |     |
| On a centre-like subset of a ring without nil ideals                                | 34 | (1986) | 149 |
| <b>Subhashis Nag</b>  |    |        |     |
| Conformally natural Ahlfors-Weill sections and Bers' reproducing formulas           | 36 | (1987) | 187 |
| <b>Baliganahalli Raja Iyengar Nagaraj</b>   |    |        |     |
| Micro-local analysis of operators with non-involutive characteristics [A]           | 35 | (1987) | 149 |
| <b>S.A. Naimpally</b>   |    |        |     |
| <i>See</i> W.N. Hunsaker  |    |        |     |
| <b>M. Thamban Nair</b>  |    |        |     |
| A modified projection method for equations of the second kind                       | 36 | (1987) | 485 |
| A modified projection method for equations of second kind: Corrigendum and addendum | 40 | (1989) | 487 |
| <b>Mitsuiro Nakao</b>   |    |        |     |
| Decay estimates for some nonlinear second order ordinary differential equations     | 40 | (1989) | 25  |
| <b>Takahiko Nakazi</b>  |    |        |     |
| Extensions of Jensen's inequality on the unit circle                                | 33 | (1986) | 189 |
| Commutator of two projections in prediction theory                                  | 34 | (1986) | 65  |
| The Nevanlinna-Pick theorem and a non-positive definite matrix                      | 36 | (1987) | 361 |

|   |    |        |     |  |
|---|----|--------|-----|--|
| <b>M.L. Narayana Rao, K. Kuppuswamy Rao and G.V. Subba Rao</b>                |    |        |     |  |
| Translation complements of $C$ -planes: (I)                                   | 36 | (1987) | 99  |  |
| <b>P.N. Natarajan</b>   |    |        |     |  |
| Characterization of a class of infinite matrices with applications            | 34 | (1986) | 161 |  |
| <b>M.A. Natsieh</b>   |    |        |     |  |
| On cyclic group actions of even order on the three dimensional torus          | 37 | (1988) | 189 |  |
| <b>Nicola B. Nedeljkovic</b>  |    |        |     |  |
| The LQRE computational method in optimal control theory [A]                   | 34 | (1986) | 477 |  |
| <b>J. Neubüser</b>  |    |        |     |  |
| <i>See M. Mecky</i>   |    |        |     |  |
| <b>Peter M. Neumann</b>   |    |        |     |  |
| On the date of Cauchy's contributions to the founding of the theory of groups | 40 | (1989) | 293 |  |
| <b>Walter D. Neumann</b>  |    |        |     |  |
| On bilinear forms represented by trees  | 40 | (1989) | 303 |  |
| <b>M.F. Newman</b>  |    |        |     |  |
| <i>See N.D. Gupta</i>   |    |        |     |  |
| <b>Tze Beng Ng</b>  |    |        |     |  |
| A note on immersing manifolds in euclidean spaces                             | 36 | (1987) | 215 |  |
| On the integral cohomology of the seven-connective cover of BO                | 38 | (1988) | 11  |  |
| On a theorem of Li-Banghe and Peterson on immersions of manifolds             | 38 | (1988) | 203 |  |
| <b>Gaston Madata N'Guérékata</b>  |    |        |     |  |
| An asymptotic theorem for abstract differential equations                     | 33 | (1986) | 139 |  |
| <b>Peter Nickolas</b>   |    |        |     |  |
| Intersections of finitely generated free groups                               | 31 | (1985) | 339 |  |
| <b>M. Nieminenmaa</b>   |    |        |     |  |
| <i>See T. Kepka</i>   |    |        |     |  |
| <b>Daniela B. Nikolova</b>  |    |        |     |  |
| <i>See Rolf Brandl</i>  |    |        |     |  |
| <b>E.A. O'Brien</b>   |    |        |     |  |
| The groups of order dividing 256 [A]  | 39 | (1989) | 159 |  |
| <b>Colm Art O'Cinneide</b>  |    |        |     |  |
| Characterisation of a multivariate stochastic ordering                        | 38 | (1988) | 387 |  |
| <b>Ortrud R. Oellerman</b>  |    |        |     |  |
| <i>See Gary Chartrand</i>   |    |        |     |  |
| <b>Shirô Ogawa and Kazuaki Kitahara</b>                                       |    |        |     |  |
| An extension of Müntz's theorem in multivariables                             | 36 | (1987) | 375 |  |
| <b>Francis Oger</b>   |    |        |     |  |
| Elementary equivalence and genus of finitely generated nilpotent groups       | 37 | (1988) | 61  |  |
| <b>Christine M. O'Keeffe</b>  |    |        |     |  |
| On $t$ -spreads of $PG((s+1)(t+1)-1, q)$ [A]                                  | 38 | (1988) | 473 |  |
| <b>Matjaž Omladič</b>   |    |        |     |  |
| Spectral subspaces of operator-valued functions                               | 31 | (1985) | 61  |  |
| <b>Thomas Robert Osborn</b>   |    |        |     |  |
| Protein folding [A]   | 31 | (1985) | 313 |  |
| <b>K.S. Padmanabhan and R. Parvatham</b>                                      |    |        |     |  |
| Some applications of differential subordination                               | 32 | (1985) | 321 |  |
| <b>S. Panda</b>   |    |        |     |  |
| <i>See S. De Sarkar</i>   |    |        |     |  |

|   |    |        |     |
|---|----|--------|-----|
| <b>Nikolaos S. Papageorgiou</b>   |    |        |     |
| Weak solutions of differential equations in Banach spaces   | 33 | (1986) | 407 |
| Kneser's theorem for differential equations in Banach spaces  | 33 | (1986) | 419 |
| Trajectories of set valued integrals  | 31 | (1985) | 389 |
| See Evgenios P. Avgerinos   |    |        |     |
| <b>R. Paré, R. Rosebrugh and R.J. Wood</b>  |    |        |     |
| Idempotents in bicategories   | 39 | (1989) | 421 |
| <b>J. Parida, M. Sahoo and A. Kumar</b>   |    |        |     |
| A variational-like inequality problem   | 39 | (1989) | 225 |
| <b>J. Parida, A. Sen and A. Kumar</b>   |    |        |     |
| A linear complementarity problem involving a subgradient  | 37 | (1988) | 345 |
| <b>J.R. Partington</b>  |    |        |     |
| Orthogonality in normed spaces  | 33 | (1986) | 449 |
| <b>R. Parvatham</b>   |    |        |     |
| See K.S. Padmanabhan  |    |        |     |
| <b>Allan Paull</b>  |    |        |     |
| Two-dimensional diffusion in irrotational convection [A]  | 38 | (1988) | 153 |
| <b>S. Pethe and A.F. Horadam</b>  |    |        |     |
| Generalised Gaussian Fibonacci numbers  | 33 | (1986) | 37  |
| <b>Nenad Petrović</b>   |    |        |     |
| See Dragoslav Herceg  |    |        |     |
| <b>M.R. Peyrovian</b>   |    |        |     |
| See R.W. Bagley   |    |        |     |
| <b>Lian Pi</b>  |    |        |     |
| See R.G. Burns  |    |        |     |
| <b>Paolo Piccinni</b>   |    |        |     |
| See Bang-Yen Chen   |    |        |     |
| <b>J.E. Pin</b>   |    |        |     |
| A topological approach to a conjecture of Rhodes  | 38 | (1988) | 421 |
| <b>Z. Piotrowski</b>  |    |        |     |
| See J.P. Lee  |    |        |     |
| <b>Ashley Wayne Plank</b>   |    |        |     |
| The simple intersection: capacity and delay [A]   | 33 | (1986) | 475 |
| <b>Graham Hilford Pollard</b>   |    |        |     |
| A stochastic analysis of scoring systems [A]  | 38 | (1988) | 317 |
| <b>Dinamérico P. Pombo Jr.</b>  |    |        |     |
| On adjoints of non-linear mappings  | 33 | (1986) | 227 |
| <b>P.J. Pope</b>  |    |        |     |
| Solvability of non self-adjoint and higher order differential equations with jumping nonlinearities [A] | 34 | (1986) | 157 |
| <b>Reinhard Pöschell</b>  |    |        |     |
| Graph varieties containing Murskii's groupoid   | 39 | (1989) | 265 |
| See Klaus Kriegel   |    |        |     |
| <b>M.D. Potter</b>  |    |        |     |
| The uniform structure of boundedly compact spaces   | 37 | (1988) | 95  |
| <b>Renfrey B. Potts</b>   |    |        |     |
| Weierstrass elliptic difference equations   | 35 | (1987) | 43  |
| Discrete Lagrange equations   | 37 | (1988) | 227 |
| See H.H. Tan  |    |        |     |
| <b>Cheryl E. Praeger</b>  |    |        |     |
| See Martin W. Liebeck   |    |        |     |

*See also* David Easdown

**G. Prema and B.S. Kiranagi**

On complete reducibility of module bundles: Corrigendum 31 (1985) 319

**G.B. Preston**

The semidirect product of an inverse semigroup and a group 33 (1986) 261

**H.A. Priestley**

*See* M.E. Adams

**Geoff Prince**

A complete classification of dynamical symmetries  
in classical mechanics 32 (1985) 299

**Francis P. Prokop**

Neighbourhood lattices - a poset approach to topological spaces 39 (1989) 31

**Frank P. Prokop**

Convergence in neighbourhood lattices 40 (1989) 129

**Stanislaw Psyk**

Quasi-continuity with respect to semi- regularisation topology 37 (1988) 423

**E.R. Puczylowski**

On essential extensions of rings 35 (1987) 379

**Murtaza A. Quadri**

*See* Mohd. Ashraf

**Murtaza A. Quadri and Mohd. Ashraf**

On a commutativity theorem for semi-simple rings 31 (1985) 365

A theorem on commutativity of semi-prime rings 34 (1986) 411

**Murtaza A. Quadri, Mohd. Ashraf and M.A. Khan**

A commutativity condition for semi prime rings-II 33 (1986) 71

**W.J. Ralph**

Inequalities and semigroups 39 (1989) 461

**G. Ramharter**

Lattice coverings and the diagonal group 35 (1987) 407

**R. Raphael**

*See* S. Feigelstock

**T.R. Reddy**

*See* M.L. Mogra

**R.H. Redfield**

Constructing lattice-ordered fields and division lattices 40 (1989) 365

**Michael John Reeder**

Models of frontogenesis [A] 34 (1986) 319

**P.F. Renaud**

A reversed Hardy inequality 34 (1986) 225

**A.H. Rhemtulla**

*See* P.S. Kim

**W. Ricker**

Remarks on completeness in spaces of linear operators 34 (1986) 25

A commutative criterion for prespectral operators 36 (1987) 113

**M. Rigoli**

*See* Gary R. Jensen

**I. Rijnsma**

Existence theorems for floorplans [A] 37 (1988) 473

**A. Guyan Robertson**

Asymmetric invariant sets for completely positive  
maps on  $C^*$ -algebras 33 (1986) 471

|  |    |        |     |
|--|----|--------|-----|
| <b>A.P. Robertson</b>  |    |        |     |
| <i>See W.J. Robertson</i>  |    |        |     |
| <b>W.J. Robertson, S.A. Saxon and A.P. Robertson</b>   |    |        |     |
| Barrelled spaces and dense vector subspaces  | 37 | (1988) | 383 |
| <b>R. Rosebrugh</b>  |    |        |     |
| <i>See R. Paré</i>   |    |        |     |
| <b>F. Rossi</b>  |    |        |     |
| <i>See G.M. Kelly</i>  |    |        |     |
| <b>A. Roth</b>   |    |        |     |
| <i>See Heinz H. Gonska</i>   |    |        |     |
| <b>Gordon F. Royle</b>   |    |        |     |
| Constructive enumeration of graphs [A]   | 38 | (1988) | 159 |
| <b>Sergio Ruiz</b>   |    |        |     |
| <i>See Gary Chartrand</i>  |    |        |     |
| <b>Robert S. Rumley and A.J. van der Poorten</b>   |    |        |     |
| Remarks on generalised power sums  | 36 | (1987) | 311 |
| <b>Tadeusz Rzezuchowski</b>  |    |        |     |
| Strong convergence of selections implied by weak   | 39 | (1989) | 201 |
| <b>Elias Saab</b>  |    |        |     |
| On the weak*-Radon Nikodym property  | 37 | (1988) | 323 |
| <b>J. Sabina</b>   |    |        |     |
| Directional wave fronts of reaction-diffusion systems  | 33 | (1986) | 1   |
| <b>Daryel Sachse-Åkerlind</b>  |    |        |     |
| Provable conditions in computational complexity theory [A]   | 31 | (1985) | 155 |
| <b>Salein M.A. Sahab</b>   |    |        |     |
| On the monotone simultaneous approximation on $[0, 1]$   | 38 | (1988) | 401 |
| Bounded measurable simultaneous monotone approximation   | 40 | (1989) | 37  |
| <b>M. Sahoo</b>  |    |        |     |
| <i>See J. Parida</i>   |    |        |     |
| <b>Gary Joseph Saliba</b>  |    |        |     |
| Non-LTE scattering resonance polarization in solar<br>spectral lines [A]                             | 36 | (1987) | 349 |
| <b>G.T. Sallee</b>   |    |        |     |
| Sets of constant width, the spherical intersection<br>property and circumscribed balls               | 33 | (1986) | 369 |
| <b>E. Salomon</b>  |    |        |     |
| <i>See P. Förster</i>  |    |        |     |
| <b>L. Sanchez</b>  |    |        |     |
| <i>See M.R. Grossinho</i>  |    |        |     |
| <i>See also José Aguayo</i>  |    |        |     |
| <b>S.S. Sane and W.D. Wallis</b>   |    |        |     |
| Monochromatic triangles in three colours   | 37 | (1988) | 197 |
| <b>D.N. Sarkhel</b>  |    |        |     |
| A wide Perron integral   | 34 | (1986) | 233 |
| <b>D.N. Sarkhel and T. Chakraborti</b>   |    |        |     |
| Topological Vitali measure spaces  | 32 | (1985) | 225 |
| <b>D.G. Sarvate</b>  |    |        |     |
| Theory of combinatorial designs with applications<br>to encryption and the design of experiments [A] | 37 | (1988) | 467 |
| <b>Jean Savoie</b>   |    |        |     |
| <i>See Francois Dubeau</i>   |    |        |     |

**Jan Saxl***See Martin W. Liebeck***S.A. Saxon***See W.J. Robertson***Rainer Schultz**

The endomorphism ring of a finite-length module

39

(1989)

141

**T.G. Schultz**

On balanced one-sided ideals

34

(1986)

79

**Dietmar Schweigert**

Tolerance and commutators on lattices

37

(1988)

213

**P.R. Scott**

On the volume and projection of convex sets

containing no lattice points

32

(1985)

331

On the area of planar convex sets containing many lattice points

35

(1987)

441

Properties of axial diameters

39

(1989)

329

**M. Seetharama Gowda**

Minimising quadratic functionals over closed convex cones

39

(1989)

15

**J. Gurcharan Sekhon**

The PhD education of industrial mathematicians in Australia [A]

32

(1985)

477

**Saroja Selvanathan***See Walter R. Bloom***Peter Šemrl**

On quadratic functionals

37

(1988)

27

**A. Sen***See J. Parida***Chew Tuang Seng**

On the generalised dominated convergence theorem

37

(1988)

165

*See Lee Peng Yee***A. Sersouri**

Smoothness in spaces of compact operators

37

(1988)

221

**Laura Servidei**

Different methods of complex interpolation

40

(1989)

389

**Peter B. Shalen***See Gilbert Baumslag***A. Shehadah**

Proper embeddability of inverse semigroups

34

(1986)

383

**Niel Shell**

Bounded and relatively bounded sets

36

(1987)

493

Point at infinity

38

(1988)

321

**Shey Shihing Sheu**

Representing a distribution by stopping a Brownian motion:

Root's construction

34

(1986)

427

A convergence of Dubin's representation of distributions

38

(1988)

83

**Sun Shu-Hao and Wang Yan-Ming**

A strengthened topological cardinal inequality

32

(1985)

375

**S.L. Shukla***See Vinod Kumar***J. Sichler***See M.E. Adams***Rafat N. Siddiqi**

On convergence of the conjugate Fourier series

|   |    |        |     |
|---|----|--------|-----|
| of a function of Weiner's class   | 39 | (1989) | 335 |
| <b>Evelyn M. Silvia</b>   |    |        |     |
| Property preserving operators   | 39 | (1989) | 397 |
| <b>P.S. Simeonov and D.D. Bainov</b>  |    |        |     |
| Asymptotic equivalence of ordinary and operator-differential equations            | 35 | (1987) | 415 |
| <b>Brailey Sims</b>   |    |        |     |
| See J.R. Giles  |    |        |     |
| <b>R.J. Simpson</b>   |    |        |     |
| Covering the integers with arithmetic progressions [A]                            | 32 | (1985) | 461 |
| <b>N. Singh</b>   |    |        |     |
| See Pushpa R. Suri  |    |        |     |
| <b>R.K. Singh and R. David Chandra Kumar</b>                                      |    |        |     |
| Weighted composition operators on functional Hilbert spaces                       | 31 | (1985) | 117 |
| <b>Tej Bahadur Singh</b>  |    |        |     |
| Non-existence of odd periodic maps on certain spaces without fixed points         | 32 | (1985) | 389 |
| <b>Aristomenis G. Siskakis</b>  |    |        |     |
| Semigroups of composition operators in Bergman spaces                             | 35 | (1987) | 397 |
| <b>R. Sivasamy</b>  |    |        |     |
| A preemptive priority queue with a general bulk service rule                      | 33 | (1986) | 237 |
| <b>Donald Kenneth Skilton</b>   |    |        |     |
| Chain decompositions of graphs [A]  | 31 | (1985) | 471 |
| <b>J. Smital</b>  |    |        |     |
| See K. Janková  |    |        |     |
| <b>David J. Smith</b>   |    |        |     |
| Notes on irreducible ideals   | 31 | (1985) | 321 |
| <b>Simon J. Smith</b>   |    |        |     |
| On the uniformization of the $n$ -punctured disc [A]                              | 37 | (1988) | 317 |
| See Joachim A. Hempel   |    |        |     |
| <b>William E. Smith</b>   |    |        |     |
| Erdős-Turán mean convergence theorem for Lagrange interpolation at Lobatto points | 34 | (1986) | 375 |
| <b>C. Snyder</b>  |    |        |     |
| $p$ -adic interpolation of Dedekind sums  | 37 | (1988) | 293 |
| <b>D. Solitar</b>   |    |        |     |
| See R.G. Burns  |    |        |     |
| <b>Dennis Spellman</b>  |    |        |     |
| See Anthony M. Gaglione   |    |        |     |
| <b>Mark Spivack</b>   |    |        |     |
| Derivations on commutative operator algebras                                      | 32 | (1985) | 415 |
| Contractive projections on Banach space   | 34 | (1986) | 271 |
| <b>S. Srinivasan</b>  |    |        |     |
| A diophantine inequality with prime variables                                     | 38 | (1988) | 57  |
| <b>Kavita Srivastava</b>  |    |        |     |
| On the Stone-Čech compactification of an orbit space                              | 36 | (1987) | 435 |
| <b>I.P. Stavroulakis</b>  |    |        |     |
| A note on a paper of Bowcock and Yu   | 40 | (1989) | 421 |
| <b>Stephen P. Stehle</b>  |    |        |     |
| Projective tensor products and the Dunford-Pettis property                        | 37 | (1988) | 107 |
| <b>Alicia Sterná-Karwat</b>   |    |        |     |

|  |    |        |     |
|--|----|--------|-----|
| A note on convex cones in topological vector spaces                                | 35 | (1987) | 97  |
| <b>A.G.R. Stewart and James Wiegold</b>  |    |        |     |
| Growth sequences of finitely generated groups II                                   | 40 | (1989) | 323 |
| <b>Patrick N. Stewart</b>  |    |        |     |
| Upper middle annihilators  | 38 | (1988) | 441 |
| <b>Mila Stejakovic</b>   |    |        |     |
| Common fixed point theorems in complete metric and probabilistic metric spaces     | 36 | (1987) | 73  |
| <b>Albert R. Stralka</b>   |    |        |     |
| See Gerhard Gierz  |    |        |     |
| <b>Anne Penfold Street</b>   |    |        |     |
| See D.R. Breach  |    |        |     |
| <b>Karel Stroethoff</b>  |    |        |     |
| Besov-type characterisations for the Bloch space                                   | 39 | (1989) | 405 |
| <b>G.V. Subba Rao</b>  |    |        |     |
| See M.L. Narayana Rao  |    |        |     |
| <b>Shu-Hao Sun</b>   |    |        |     |
| Another approach to extensions of continuous mappings                              | 39 | (1989) | 1   |
| <b>Soo Hak Sung</b>  |    |        |     |
| See Bon Dae Choi   |    |        |     |
| <b>Pushpa R. Suri and N. Singh</b>   |    |        |     |
| Some results on $k$ -quasi-hyponormal operators                                    | 32 | (1985) | 351 |
| <b>S. Swaminathan</b>  |    |        |     |
| See J.R. Giles   |    |        |     |
| <b>Charles Swartz</b>  |    |        |     |
| The Farkas lemma of Shimizu, Aiyoshi and Katayama                                  | 31 | (1985) | 445 |
| The closed graph theorem without category  | 36 | (1987) | 283 |
| A generalisation of Mackey's theorem and the uniform boundedness principle         | 40 | (1989) | 123 |
| <b>G. Szekeres</b>   |    |        |     |
| Asymptotic distribution of the number and size of parts in unequal partitions      | 36 | (1987) | 89  |
| <b>Stanislaw Szufla</b>  |    |        |     |
| On the Kneser-Hukuhara property for integral equations in locally convex spaces    | 36 | (1987) | 353 |
| <b>Choon Peng Tan</b>  |    |        |     |
| Lower bounds for tau coefficients and operator norms using composite matrix norms  | 35 | (1987) | 49  |
| <b>Eng-Tjioe Tan</b>   |    |        |     |
| See Huah Chu   |    |        |     |
| <b>H.H. Tan and R.B. Potts</b>   |    |        |     |
| A discrete calculus of variations algorithm  | 38 | (1988) | 365 |
| <b>Roger C.E. Tan</b>  |    |        |     |
| Extrapolation methods and iterative computation of derivatives of eigensystems [A] | 39 | (1989) | 477 |
| <b>Wai-Shing Tang</b>  |    |        |     |
| A topological characterisation of finite dimensionality of $C^*$ -algebras         | 38 | (1988) | 329 |
| <b>E. Tarafdar</b>   |    |        |     |
| On two theorems concerning sets with convex sections                               | 38 | (1988) | 397 |
| <b>Vladimir Tasic</b>  |    |        |     |
| On single-law definitions of groups  | 37 | (1988) | 101 |

|   |    |        |     |  |
|---|----|--------|-----|--|
| <b>Richard Taylor</b>   |    |        |     |  |
| On some reconstruction problems [A]   | 36 | (1987) | 527 |  |
| <b>Mark L. Teply</b>  |    |        |     |  |
| Global dimensions of right coherent rings with left Krull dimension                                   | 39 | (1989) | 215 |  |
| <b>V. Thamaratnam</b>   |    |        |     |  |
| Regular topological distributively generated near-rings   | 35 | (1987) | 59  |  |
| Division of distributively generated near-rings II  | 35 | (1987) | 73  |  |
| <b>H.B. Thompson</b>  |    |        |     |  |
| See Sidney A. Morris  |    |        |     |  |
| <b>Klaus Thomsen</b>  |    |        |     |  |
| Automorphisms of homogeneous $C^*$ -algebras  | 33 | (1986) | 145 |  |
| <b>Hisao Tominaga</b>   |    |        |     |  |
| A commutativity theorem for semi-primitive rings  | 34 | (1986) | 293 |  |
| See Yasuyuki Hirano   |    |        |     |  |
| <b>Dao-Rong Ton</b>   |    |        |     |  |
| Epicomplete archimedean lattice-ordered groups  | 39 | (1989) | 277 |  |
| <b>Guido Trombetti</b>  |    |        |     |  |
| See Ester Giarrusso   |    |        |     |  |
| <b>P.G. Trotter</b>   |    |        |     |  |
| Subdirect decompositions of the lattice of varieties of completely regular semigroups                 | 39 | (1989) | 343 |  |
| <b>Neil S. Trudinger</b>  |    |        |     |  |
| On degenerate fully nonlinear elliptic equations in balls   | 35 | (1987) | 299 |  |
| On the twice differentiability of viscosity solutions of nonlinear elliptic equations                 | 39 | (1989) | 443 |  |
| <b>John Christopher Turner</b>  |    |        |     |  |
| A study of knot-graphs [A]  | 31 | (1985) | 317 |  |
| <b>F. Ustina</b>  |    |        |     |  |
| Lebesgue constants for double Hausdorff means   | 31 | (1985) | 199 |  |
| <b>A.J. van der Poorten</b>   |    |        |     |  |
| See Robert S. Rumley  |    |        |     |  |
| <b>L. Vanhecke</b>  |    |        |     |  |
| See A.J. Ledger   |    |        |     |  |
| See also Bang-Yen Chen  |    |        |     |  |
| <b>Tony van Ravenstein</b>  |    |        |     |  |
| On the discrepancy of the sequence formed from multiples of an irrational number                      | 31 | (1985) | 329 |  |
| Number sequences and phyllotaxis [A]  | 36 | (1987) | 333 |  |
| <b>L. van Wyk</b>   |    |        |     |  |
| See Y. Fong   |    |        |     |  |
| <b>M.H. Vasavada</b>  |    |        |     |  |
| See R.D. Mehta  |    |        |     |  |
| <b>Peter John Vassiliou</b>   |    |        |     |  |
| The geometry of nonlinear wave equations in two independent variables: methods for exact solution [A] | 36 | (1987) | 523 |  |
| <b>Enzio Venturino</b>  |    |        |     |  |
| Solving singular integral equations via $(0, 2, 3)$ lacunary interpolation                            | 36 | (1987) | 239 |  |
| <b>F. Viera</b>   |    |        |     |  |
| The generation of water waves by travelling pressure disturbances [A]                                 | 35 | (1987) | 315 |  |
| <b>C. Vinsonhaler</b>   |    |        |     |  |

|  |    |        |     |
|--|----|--------|-----|
| <i>See H.P. Goeters</i>  |    |        |     |
| <b>C. Vinsonhaler and W. Wickless</b>  |    |        |     |
| Locally irreducible rings  | 32 | (1985) | 129 |
| <b>J. Vukman</b>   | .  |        |     |
| Some results concerning the Cauchy functional<br>equation in certain Banach algebras | 31 | (1985) | 137 |
| A note on additive mappings in noncommutative fields                                 | 36 | (1987) | 499 |
| <i>See M. Brešar</i>   |    |        |     |
| <b>Relja Vulanović</b>   |    |        |     |
| <i>See Dragoslav Herceg</i>  |    |        |     |
| <b>Peter L. Walker</b>   |    |        |     |
| A class of functional equations which have entire<br>solutions                       | 38 | (1988) | 351 |
| <b>Roger James Wallace</b>   |    |        |     |
| Optimal solutions of restricted subadditive inequalities [A]                         | 38 | (1988) | 475 |
| <b>W.D. Wallis</b>   |    |        |     |
| <i>See S.S. Sane</i>   |    |        |     |
| <b>R.F.C. Walters</b>  |    |        |     |
| Data types in distributive categories  | 40 | (1989) | 79  |
| <b>Hwai-Chiuan Wang</b>  |    |        |     |
| On the Fourier transforms  | 31 | (1985) | 171 |
| <b>C.L. Wangneo</b>  |    |        |     |
| Polynomial rings over rings integral over their centres                              | 34 | (1986) | 11  |
| <b>N.C. Weber</b>  |    |        |     |
| <i>See S.N. Evans</i>  |    |        |     |
| <b>T. Weir</b>   |    |        |     |
| A duality theorem for a multiple objective fractional<br>optimization problem        | 34 | (1986) | 415 |
| <b>T. Weir and V. Jeyakumar</b>  |    |        |     |
| A class of nonconvex functions and mathematical programming                          | 38 | (1988) | 177 |
| <b>T. Weir and B. Mond</b>   |    |        |     |
| Generalised convexity and duality in multiple<br>objective programming               | 39 | (1989) | 287 |
| <b>R. Wells and J.A. Dutton</b>  |    |        |     |
| Bifurcating attractors and Galerkin approximates                                     | 35 | (1987) | 321 |
| <b>H. Werner</b>   |    |        |     |
| <i>See B.A. Davey</i>  |    |        |     |
| <b>Walter Wessel</b>   |    |        |     |
| <i>See Klaus Kriegel</i>   |    |        |     |
| <b>E.A. Whelan</b>   |    |        |     |
| Normalising elements and radical, I  | 39 | (1989) | 81  |
| <b>J. Whitfield</b>  |    |        |     |
| <i>See T. Lewis</i>  |    |        |     |
| <b>J.H.M. Whitfield and V. Zizler</b>  |    |        |     |
| Mazur's intersection property of balls for compact convex sets                       | 35 | (1987) | 267 |
| <b>Geoffrey P. Whittle</b>   |    |        |     |
| Some aspects of the critical problem for matroids [A]                                | 35 | (1987) | 153 |
| <b>W. Wickless</b>   |    |        |     |
| <i>See C. Vinsonhaler</i>  |    |        |     |
| <i>See also H.P. Goeters</i>   |    |        |     |
| <b>R. Wiegandt</b>   |    |        |     |

*See P.N. Ánh*

**James Wiegold**

On some groups with trivial multiplicator 40 (1989) 331

*See A.G.R. Stewart*

**F.G.J. Wiid**

Weak compactness in spaces of vector valued measures 38 (1988) 55

**David Charles Wilson**

Structure and existence of Sidon sets on compact groups [A] 35 (1987) 159

**C.S. Withers**

The moments of the multivariate normal 32 (1985) 103

**Kar Hung Wong**

On the computational algorithms for time-lag optimal control problems [A] 32 (1985) 309

**Pak-Ken Wong**

A note in annihilator Banach algebras 38 (1988) 77

**Sing Yan, Robert Wong**

On the dictionary between ergodic transformations, Krieger factors and ergodic flows [A] 36 (1987) 171

**R.J. Wood**

*See R. Paré*

**Nicholas C. Wormald**

On the frequency of 3-connected subgraphs of planar graphs 34 (1986) 309

**Stephen J. Wright**

Algorithms and application for special classes of nonlinear least squares problems [A] 31 (1985) 309

**T.F. Xie and S.P. Zhou**

On approximation by trigonometric Lagrange interpolating polynomials 40 (1989) 425

**Mingyao Xu**

The power structure of finite  $p$ -groups 36 (1987) 1

**Weimin Xue**

Morita duality and artinian left duo rings 39 (1989) 339

**Shri Ram Yadav and R.N. Mukherjee**

A note on arcwise connected sets and functions 31 (1985) 369

**Sadayuki Yamamoto**

Absolute values in orthogonally decomposable spaces 31 (1985) 215

A note on positive semigroups 32 (1985) 339

Symmetry groups on ordered Banach spaces 33 (1986) 177

Homomorphisms on an orthogonally decomposable Hilbert space V 40 (1989) 333

**Shinji Yamashita**

Blaschke-type maps and harmonic majoration on Riemann surfaces 32 (1985) 195

The higher derivatives of functions bounded in various senses 34 (1986) 321

Meromorphic Lipschitz functions 38 (1988) 451

**Jurang Yan**

Necessary and sufficient conditions for oscillations of delay differential inequalities 39 (1989) 161

**Kichoon Yang**

Frenet formulae for holomorphic curves in the two quadric 33 (1986) 195

Almost complex structures on the orthogonal twistor bundle 40 (1989) 337

Plücker formulae for the orthogonal group 40 (1989) 447

|  |    |        |     |
|--|----|--------|-----|
| <i>See</i> Gary R. Jensen  |    |        |     |
| <b>Lian-Zhong Yang</b>   |    |        |     |
| On an extension of a theorem of Sato   | 40 | (1989) | 441 |
| <b>Yisong Yang</b>   |    |        |     |
| Fourth-order boundary value problems at nonresonance                           | 37 | (1988) | 337 |
| Almost periodic solutions of nonlinear parabolic equations                     | 38 | (1988) | 231 |
| <b>Joe Yanik</b>   |    |        |     |
| Deformations of rings  | 39 | (1989) | 361 |
| <i>See</i> James K. Deveney  |    |        |     |
| <b>Wang Yau-Min</b>  |    |        |     |
| New characterisations of pseudocompact spaces                                  | 38 | (1988) | 293 |
| <i>See</i> Sun Shu-Hao   |    |        |     |
| <b>Lee Peng Yee and Chew Tuan Seng</b>   |    |        |     |
| On convergence theorems for nonabsolute integrals                              | 34 | (1986) | 133 |
| <b>Norio Yoshida</b>   |    |        |     |
| Forced oscillations of solutions of parabolic equations                        | 36 | (1987) | 289 |
| <b>Mohamed F. Yousif</b>   |    |        |     |
| <i>V</i> -modules with Krull dimension   | 37 | (1988) | 237 |
| <b>Xin Tai Yu</b>  |    |        |     |
| A geometrically aberrant Banach space with uniformly normal structure          | 38 | (1988) | 99  |
| <b>Y.H. Yu</b>   |    |        |     |
| <i>See</i> J.E. Bowcock  |    |        |     |
| <b>A.I. Zahariev</b>   |    |        |     |
| <i>See</i> D.D. Bainov   |    |        |     |
| <b>Stephen M. Zemyan</b>   |    |        |     |
| On a maximal outer area problem for a class of meromorphic univalent functions | 34 | (1986) | 433 |
| On the total torsion of certain non-closed sphere curves                       | 36 | (1987) | 39  |
| <b>B.G. Zhang</b>  |    |        |     |
| <i>See</i> L.H. Erbe   |    |        |     |
| <b>Zhang Zhenhua</b>   |    |        |     |
| Periodic points and chaos for expanding self-maps of the interval              | 31 | (1985) | 439 |
| <b>S.P. Zhou</b>   |    |        |     |
| <i>See</i> T.F. Xie  |    |        |     |
| <b>V. Zizler</b>   |    |        |     |
| <i>See</i> T. Lewis  |    |        |     |
| <i>See also</i> J.H.M. Whitfield   |    |        |     |
| <i>See also</i> R. Deville   |    |        |     |
| <b>V.E. Zizler</b>   |    |        |     |
| <i>See</i> R. Deville  |    |        |     |

[A] Abstracts of Australasian Ph.D. theses