

Pacific Journal of Mathematics

| | |
|--|-----|
| Mieczyslaw Altman, <i>General solvability theorems</i> | 1 |
| Denise et Eric Amar, <i>Sur les suites d'interpolation en plusieurs variables</i> | 15 |
| H. S. Bear and G. N. Hile, <i>Algebras which satisfy a second order linear partial differential equation</i> | 21 |
| Marilyn Breen, <i>Sets in R^d having $(d-2)$-dimensional kernels</i> | 37 |
| Gavin Brown and William Moran, <i>Analytic discs in the maximal ideal space of $M(G)$</i> | 45 |
| Ron Brown, <i>Quadratic forms with prescribed Stiefel-Whitney invariants</i> | 59 |
| G. D. Chakerian and H. Groemer, <i>On coverings of Euclidean space by convex sets</i> | 77 |
| S. Feigelstock and Z. Schlussek, <i>Principal ideal and Noetherian groups</i> | 87 |
| Ralph Freese and J. B. Nation, <i>Projective lattices</i> | 93 |
| H. Gingold, <i>Uniqueness of linear boundary value problems for differential systems</i> | 107 |
| John R. Hedstrom and Evan G. Houston, <i>Pseudo-valuation domains</i> | 137 |
| William Josephson, <i>Coallocation between lattices with applications to measure extensions</i> | 149 |
| M. Koskela, <i>A characterization of non-negative matrix operators on l^p to l^q with $\infty > p \geq q > 1$</i> | 165 |
| Kurt Kreith and C. A. Swanson, <i>Conjugate points for nonlinear differential equations</i> | 171 |
| Shoji Kyuno, <i>On prime gamma rings</i> | 185 |
| A. Lechicki, <i>On bounded and subcontinuous multifunctions</i> | 191 |
| Roberto Longo, <i>A simple proof of the existence of modular automorphisms in approximately finite dimensional von Neumann algebras</i> | 199 |
| Kenneth C. Millett, <i>Obstructions to pseudoisotopy implying isotopy for embeddings</i> | 207 |
| William F. Moss and John Piepenbrink, <i>Positive solutions of elliptic equations</i> | 219 |
| Mitsuru Nakai and Leo Sario, <i>Duffin's function and Hadamard's conjecture</i> | 227 |
| Mohan S. Putcha, <i>Word equations in some geometric semigroups</i> | 243 |
| Walter Rudin, <i>Peak-interpolation sets of class C^1</i> | 267 |
| Elias Saab, <i>On the Radon-Nikodym property in a class of locally convex spaces</i> | 281 |
| Stuart Sui-Sheng Wang, <i>Splitting ring of a monic separable polynomial</i> | 293 |

PACIFIC JOURNAL OF MATHEMATICS

EDITORS

RICHARD ARENS (Managing Editor)
University of California
Los Angeles, CA 90024

J. DUGUNDJI
Department of Mathematics
University of Southern California
Los Angeles, CA 90007

P. A. BEAUMONT
University of Washington
Seattle, WA 98105

R. FINN AND J. MILGRAM
Stanford University
Stanford, CA 94305

P. C. MOORE
University of California
Berkeley, CA 94720

ASSOCIATE EDITORS

P. F. BECKENBACH

B. H. NEUMANN

F. WOLF

K. YOSHIDA

SUPPORTING INSTITUTIONS

UNIVERSITY OF BRITISH COLUMBIA
CALIFORNIA INSTITUTE OF TECHNOLOGY
UNIVERSITY OF CALIFORNIA
MONTANA STATE UNIVERSITY
UNIVERSITY OF NEVADA
NEW MEXICO STATE UNIVERSITY
OREGON STATE UNIVERSITY
UNIVERSITY OF OREGON
YAKAMA UNIVERSITY

UNIVERSITY OF SOUTHERN CALIFORNIA
STANFORD UNIVERSITY
UNIVERSITY OF HAWAII
UNIVERSITY OF TOKYO
UNIVERSITY OF UTAH
WASHINGTON STATE UNIVERSITY
UNIVERSITY OF WASHINGTON
* * *
AMERICAN MATHEMATICAL SOCIETY

The Supporting Institutions listed above contribute to the cost of publication of this Journal, but they are not owners or publishers and have no responsibility for its contents or policies.

Mathematical papers intended for publication in the *Pacific Journal of Mathematics* should be in typewritten or offset-reproduced (not dittoed), double spaced with large margins. Underline Greek letters in red, German in green, and script in blue. The first paragraph or two must be capable of being used separately as synopsis of the entire paper. Items of the bibliography should not be cited there unless absolutely necessary, in which case they must be identified by author and Journal, rather than by item number. Manuscripts, in duplicate, may be sent to any one of the four editors. Please classify according to the scheme of Math. Review Index to Vol. 39. All other communications should be addressed to the managing editor, or Elaine Bartlett, University of California, Los Angeles, California, 90024.

100 reprints are provided free for each article, only if page charges have been substantially paid. Additional copies may be obtained at cost in multiples of 50.

The *Pacific Journal of Mathematics* is issued monthly as of January 1966. Regular subscription rate: \$72.00 a year (6 Vols., 12 issues). Special rate: \$36.00 a year to individual members of supporting institutions.

Subscriptions, orders for numbers issued in the last three calendar years, and changes of address should be sent to Pacific Journal of Mathematics, 103 Highland Boulevard, Berkeley, California, 94708.

PUBLISHED BY PACIFIC JOURNAL OF MATHEMATICS, A NON-PROFIT CORPORATION
Printed at Jerusalem Academic Press, POB 2390, Jerusalem, Israel.

Copyright © 1978 Pacific Journal of Mathematics
All Rights Reserved