

Pacific Journal of Mathematics

Dallas O. Banks, <i>Bounds for eigenvalues and generalized convexity</i>	1031
J. W. Bebernes, <i>A subfunction approach to a boundary value problem for ordinary differential equations</i>	1053
W. W. Bledsoe and A. P. Morse, <i>A topological measure construction</i>	1067
G. F. Clements, <i>Entropies of several sets of real valued functions</i>	1085
Sandra Barkdull Cleveland, <i>Homomorphisms of non-commutative *-algebras</i>	1097
W. J. A. Culmer and W. A. Harris, Jr., <i>Convergent solutions of ordinary linear homogeneous difference equations</i>	1111
Ralph DeMarr, <i>Common fixed points for commuting contraction mappings</i>	1139
J. R. Dorroh, <i>Integral equations in normed abelian groups</i>	1143
Adriano M. Garsia, <i>Entropy and singularity of infinite convolutions</i>	1159
J. J. Gergen, F. G. Dressel and W. H. Purcell, Jr., <i>Convergence of extended Bernstein polynomials in the complex plane</i>	1171
I. Glicksberg, <i>A remark on analyticity of function algebras</i>	1181
Charles J. A. Halberg, Jr., <i>Semigroups of matrices defining linked operators with different spectra</i>	1187
Philip Hartman and Nelson Onuchic, <i>On the asymptotic integration of ordinary differential equations</i>	1193
I. Heller, <i>On a class of equivalent systems of linear inequalities</i>	1209
Joseph Hersch, <i>The method of interior parallels applied to polygonal or multiply connected membranes</i>	1229
H. F. Weinberger, <i>An effectless cutting of a vibrating membrane</i>	1239
M. F. Janowitz, <i>Quantifiers and orihomomodal lattices</i>	1241
Samuel Karlin and Albert Novikoff, <i>Generalized convex inequalities</i>	1251
Tilla Klötz, <i>Another conformal structure on immersed surfaces of negative curvature</i>	1281
Gregers L. Krabbe, <i>Spectral permanence of scalar operators</i>	1289
S. T. Kuroda, <i>Finite-dimensional perturbation and a representation of scattering operator</i>	1305
Marvin Marcus and Afton Cayford, <i>Equality in certain inequalities</i>	1319
Joseph Martin, <i>A note on uncountably many disks</i>	1331
E. K. McLachlan, <i>Extremal elements of the convex cone of semi-norms</i>	1335
J. W. Moon, <i>An extension of Landau's theorem on tournaments</i>	1343
L. J. Mordell, <i>On the integer solutions of $y(y + 1) = x(x + 1)(x + 2)$</i>	1347
K. R. Mount, <i>Some remarks on Fitting's invariants</i>	1353
Miroslav Novotný, <i>Über Abbildungen von Mengen</i>	1359
Robert Ryan, <i>Conjugate functions in Orlicz spaces</i>	1371
John V. Ryff, <i>On the representation of doubly stochastic operators</i>	1379
Donald R. Sherbert, <i>Banach algebras of Lipschitz functions</i>	1387
James M. Sloss, <i>Reflection of biharmonic functions across analytic boundary conditions with examples</i>	1401
L. B. Treybig, <i>Concerning homogeneity totally ordered, connected topological space</i>	1417
John Wermer, <i>The space of real parts of a function algebra</i>	1423
J. Yeh, <i>Orthogonal developments of functionals and related theorems in the Wiener space of functions of two variables</i>	1427
William P. Ziemer, <i>On the compactness of integral classes</i>	1437

PACIFIC JOURNAL OF MATHEMATICS

EDITORS

RALPH S. PHILLIPS

Stanford University
Stanford, California

M. G. ARSOVE

University of Washington
Seattle 5, Washington

J. DUGUNDJI

University of Southern California
Los Angeles 7, California

LOWELL J. PAIGE

University of California
Los Angeles 24, California

ASSOCIATE EDITORS

E. F. BECKENBACH
T. M. CHERRY

D. DERRY
M. OHTSUKA

H. L. ROYDEN
E. SPANIER

E. G. STRAUS
F. WOLF

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
OSAKA UNIVERSITY
UNIVERSITY OF SOUTHERN CALIFORNIA

STANFORD UNIVERSITY
UNIVERSITY OF TOKYO
UNIVERSITY OF UTAH
WASHINGTON STATE UNIVERSITY
UNIVERSITY OF WASHINGTON
* * *
AMERICAN MATHEMATICAL SOCIETY
CALIFORNIA RESEARCH CORPORATION
SPACE TECHNOLOGY LABORATORIES
NAVAL ORDNANCE TEST STATION

Mathematical papers intended for publication in the *Pacific Journal of Mathematics* should be typewritten (double spaced), and the author should keep a complete copy. Manuscripts may be sent to any one of the four editors. All other communications to the editors should be addressed to the managing editor, L. J. Paige at the University of California, Los Angeles 24, California.

50 reprints per author of each article are furnished free of charge; additional copies may be obtained at cost in multiples of 50.

The *Pacific Journal of Mathematics* is published quarterly, in March, June, September, and December. Effective with Volume 13 the price per volume (4 numbers) is \$18.00; single issues, \$5.00. Special price for current issues to individual faculty members of supporting institutions and to individual members of the American Mathematical Society: \$8.00 per volume; single issues \$2.50. Back numbers are available.

Subscriptions, orders for back numbers, and changes of address should be sent to Pacific Journal of Mathematics, 103 Highland Boulevard, Berkeley 8, California.

Printed at Kokusai Bunken Insatsusha (International Academic Printing Co., Ltd.), No. 6, 2-chome, Fujimi-cho, Chiyoda-ku, Tokyo, Japan.

PUBLISHED BY PACIFIC JOURNAL OF MATHEMATICS, A NON-PROFIT CORPORATION

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 content or policies.