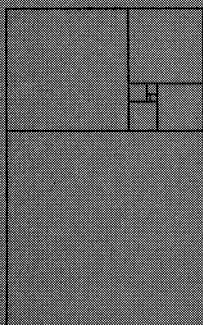


Pacific Journal of Mathematics

Tsuyoshi Andô, <i>Convergent sequences of finitely additive measures</i>	395
Richard Arens, <i>The analytic-functional calculus in commutative topological algebras</i>	405
M. L. Balinski, <i>On the graph structure of convex polyhedra in n-space</i>	431
R. H. Bing, <i>Tame cantor sets in E^3</i>	435
C. E. Burgess, <i>Collections and sequences of continua in the plane. II</i>	447
James H. Case, <i>Another 1-dimensional homogeneous continuum which contains an arc</i>	455
Lester E. Dubins, <i>On plane curves with curvature</i>	471
A. M. Duguid, <i>Feasible flows and possible connections</i>	483
L. K. Durst, <i>Exceptional real Lucas sequences</i>	489
Gertrude I. Heller, <i>On certain non-linear operators and partial differential equations</i>	495
C. V. Holmes, <i>Automorphisms of monomial groups</i>	531
Wu-chung Hsiang and Wu-yi Hsiang, <i>Those abelian groups characterized by their completely decomposable subgroups of finite rank</i>	547
Bert Hubbard, <i>Bounds for eigenvalues of the free and fixed membrane by finite difference methods</i>	559
D. H. Hyers, <i>Transformations with bounded mth differences</i>	591
Richard Isaac, <i>Some generalizations of Doebelin's decomposition</i>	603
J. R. Isbell, <i>Uniform neighborhood retracts</i>	609
J. Kiefer, <i>On large derivations of the empiric D.F. of vector chance variables and a law of the iterated logarithm</i>	649
Marvin Isadore Knopp, <i>Construction of a class of modular functions and forms II</i>	661
G. Lumer and R. S. Phillips, <i>Dissipative operators in a Banach space</i>	679
N. F. G. Martin, <i>Lebesgue density as a set function</i>	699
Shu-Teh C. Moy, <i>Generalizations of Shannon-McMillan theorem</i>	705
Lucien W. Neustadt, <i>The moment problem and weak convergence in L^2</i>	715
Kenneth A. Ross, <i>The structure of certain measure algebras</i>	723
J. F. Smith and P. P. Saworotnow, <i>On some classes of scalar-product algebras</i>	739
Dale E. Varberg, <i>On equivalence of Gaussian measures</i>	751
A. I. Weinzweig, <i>The fundamental group of a union of spaces</i>	763



PACIFIC JOURNAL OF MATHEMATICS

EDITORS

RALPH S. PHILLIPS

Stanford University
Stanford, California

F. H. BROWNELL

University of Washington
Seattle 5, Washington

A. L. WHITEMAN

University of Southern California
Los Angeles 7, California

L. 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 COLLEGE
UNIVERSITY OF OREGON
OSAKA UNIVERSITY
UNIVERSITY OF SOUTHERN CALIFORNIA

STANFORD UNIVERSITY
UNIVERSITY OF TOKYO
UNIVERSITY OF UTAH
WASHINGTON STATE COLLEGE
UNIVERSITY OF WASHINGTON
* * *
AMERICAN MATHEMATICAL SOCIETY
CALIFORNIA RESEARCH CORPORATION
HUGHES AIRCRAFT COMPANY
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. The price per volume (4 numbers) is \$12.00; single issues, \$3.50. Back numbers are available. Special price to individual faculty members of supporting institutions and to individual members of the American Mathematical Society: \$4.00 per volume; single issues, \$1.25.

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.