

Pacific Journal of Mathematics

T. E. Armstrong, Barycentric simplicial subdivision of infinite dimensional simplexes and octahedra	251
H. N. Bhattarai and J. W. Fernandez, Joins of double coset spaces	271
A. Buium, Ritt schemes and torsion theory	281
J. Burbea, Operator-valued Pick's conditions and holomorphicity	295
S.-S. Chen, Duality condition and property (S)	313
K. Fan, Evenly distributed subsets of S^n and a combinatorial application ..	323
L. Foged, On g -metrizability	327
J. G. Heywood, An error estimate uniform in time for spectral Galerkin approximations of the Navier-Stokes problem	333
A. Ho, The Krein-Milman property and complemented bushes in Banach spaces	347
D. R. Jackett, Rings on certain mixed abelian groups	365
S. Kyuno, Prime ideals in gamma rings	375
G. L. O'Brien, Zero-inducing functions on finite abelian groups	381
P. Robba, Sur les équations différentielles lineaires p -adiques (II)	393
W. Ruess, [Weakly] compact operators and DF spaces	419
C. Schochet, Topological methods for C^* -algebras II: Geometric resolutions and the Künneth formula	443
H. F. Smith, Equivalent nilpotencies in certain generalized right alternative rings	459
M. Warshauer, Diagonalization up to Witt	469
H. C. Williams, A class of primality tests for trinomials which includes the Lucas-Lehmer test	477

Subject listing on back cover

PACIFIC JOURNAL OF MATHEMATICS

EDITORS

DONALD BABBITT (Managing Editor)

University of California
Los Angeles, CA 90024

HUGO ROSSI

University of Utah
Salt Lake City, UT 84112

C. C. MOORE and ANDREW OGG

University of California
Berkeley, CA 94720

J. DUGUNDJI

Department of Mathematics
University of Southern California
Los Angeles, CA 90007

R. FINN and J. MILGRAM

Stanford University
Stanford, CA 94305

ASSOCIATE EDITORS

R. ARENS

E. F. BECKENBACH

B. H. NEUMANN

F. WOLF

K. YOSHIDA

SUPPORTING INSTITUTIONS

UNIVERSITY OF ARIZONA
UNIVERSITY OF BRITISH COLUMBIA
CALIFORNIA INSTITUTE OF TECHNOLOGY
UNIVERSITY OF CALIFORNIA
MONTANA STATE UNIVERSITY
UNIVERSITY OF NEVADA, RENO
NEW MEXICO STATE UNIVERSITY
OREGON STATE UNIVERSITY

UNIVERSITY OF OREGON
UNIVERSITY OF SOUTHERN CALIFORNIA
STANFORD UNIVERSITY
UNIVERSITY OF HAWAII
UNIVERSITY OF TOKYO
UNIVERSITY OF UTAH
WASHINGTON STATE UNIVERSITY
UNIVERSITY OF WASHINGTON

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.

Mathematical papers intended for publication in the *Pacific Journal of Mathematics* should be in typed form or offset-reproduced, (not dittoed), double spaced with large margins. Please do not use built up fractions in the text of the manuscript. However, you may use them in the displayed equations. 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 a synopsis of the entire paper. Please propose a heading for the odd numbered pages of less than 35 characters. Manuscripts, in triplicate, may be sent to any one of the editors. Please classify according to the scheme of Math. Reviews, Index to Vol. 39. Supply name and address of author to whom proofs should be sent. All other communications should be addressed to the managing editor, or Elaine Barth, University of California, Los Angeles, California, 90024.

50 reprints to each author 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: \$102.00 a year (6 Vols., 12 issues). Special rate: \$51.00 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, P.O. Box 969, Carmel Valley, CA 93924, U.S.A. Old back numbers obtainable from Kraus Periodicals Co., Route 100, Millwood, NY 10546.

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

Printed at Kokusai Bunken Insatsusha (International Academic Printing Co., Ltd.)
8-8, 3-chome, Takadanobaba, Shinjuku-ku, Tokyo 160, Japan.

Copyright © 1982 by Pacific Journal of Mathematics
Manufactured and first issued in Japan