

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION OF THE ILLINOIS JOURNAL OF MATHEMATICS (ISSN 0019-2089), as required by 39 U. S. Code 3885.

The ILLINOIS JOURNAL OF MATHEMATICS is published 4 times a year (quarterly): a subscription for the volume year is \$50.00. Single issues are \$15.00.

The publisher and sole owner is the University of Illinois Press acting for the University of Illinois, Department of Mathematics. Office of publication is located at the University of Illinois Press, 54 East Gregory Drive, Box 5081, Station A, Champaign, IL 61820. The Managing Editor is Professor Mahlon M. Day, Department of Mathematics, University of Illinois, 1409 West Green St., Urbana, IL 61801; the associate editors are Professor Kuo-Tsai Chen, Frank B. Knight, Irving Reiner, all of the Department of Mathematics, University of Illinois, 1409 West Green St., Urbana, IL 61801, Professor Harold M. Stark, Department of Mathematics, University of California at San Diego, La Jolla, CA 92093, and Professor Karen K. Uhlenbeck, Department of Mathematics, University of Illinois in Chicago, Box 4348, Chicago, IL 60680.

The purpose, function, and non-profit status of this publication for Federal income tax purposes have not changed during the preceding 12 months.

The average number of copies printed per issue (net press run) during the preceding 12 months is 1341; the average number of copies of each issue distributed by mail to subscribers during the preceding 12 months is 1046, including 853 paid subscriptions and 193 distributed through library exchanges; the number printed for the issue nearest to the filing date is 1380; the number distributed by mail to subscribers of the issue nearest to filing is 1089, including 896 paid subscriptions, and 193 distributed through library exchanges. The average number of copies distributed free per issue during the preceding 12 months is 44; the number for the single issue nearest to filing date is 43. The average number of copies not distributed (office use, left over, unaccounted, spoiled after printing) of each issue during the preceding 12 months is 251; the number for the single issue nearest to the filing date is 248.

I certify that the statements made by me above are correct and complete to the best of my knowledge.

Signed, Mahlon M. Day, Editor
Date: October 25, 1983

	Page
Finitely additive measures from positive definite functions By JEAN-MARC BELLEY.....	1
The lattice of groups containing $PSL(n, q)$ and acting on Grassmannians By JUSTINE SKALBA.....	19
Equivariant bundles over a single orbit type By RICHARD LASHOF.....	34
Possible Brauer trees By WALTER FEIT.....	43
The action of the stable operations of complex K -theory on coefficient groups By KEITH JOHNSON.....	57
On the classification of generic branched coverings of surfaces By ISRAEL BERSTEIN and ALLAN L. EDMONDS.....	64
Tempered, invariant, positive-definite distributions on $SU(1,1)/\{\pm 1\}$ By WILLIAM H. BARKER.....	83
Potential theory on complex projective space: Application to characterization of pluripolar sets and growth of analytic varieties By R. E. MOLZON.....	103
Spheres and cylinders: a local geometric characterization By HAROLD P. BOAS.....	120
On non-normal subgroups of $GL_n(A)$ which are normalized by elementary matrices By A. W. MASON.....	125
Central limit theorems in a finitely additive setting By S. RAMAKRISHNAN.....	139
Exponentially bounded positive definite functions By CHRISTIAN BERG and P. H. MASERICK.....	162

Published by the University of Illinois Press in Spring, Summer, Fall, and Winter. Supported in part by the George A. Miller Endowment.

The subscription price is \$50 a volume (four numbers). The price of a single number of Volumes 19–26 is \$15.00. These should be ordered from the University of Illinois Press, 54 E. Gregory Drive, Box 5081, Station A, Champaign, Illinois 61820. All foreign subscriptions must be accompanied by payment.

Back issues of Volumes 1–18 are available from Swets & Zeitlinger B. V.; Heereweg 347 b; 2160 AH: Lisse, The Netherlands.