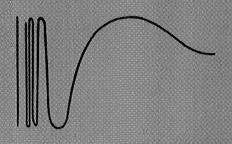
Pacific Journal of Mathematics



CONTENTS

M. I. Aissen, A set function defined for convex plane domains383 Robert Ellis, Distal transformation groups
Robert Ellis, Distal transformation groups
Banach algebra407
Jerry W. Gaddum, Linear inequalities and quadratic forms411
Allen A. Goldstein and Ward Cheney, A finite algorithm for
the solution of consistent linear equations and in-
equalities and for the Tchebycheff approximation of
inconsistent linear equations
William L. Hart and Theodore S. Motzkin, Proof of the fun-
damental theorem on implicit functions by use of
composite gradient corrections
Henry Helson, Conjugate series and a theorem of paley437
Wu-Chung Hsiang, Abelian groups characterized by their in-
\overline{d} even d entry $subsets$
John Lamperti, On the isometries of certain function-spaces459
Karel de Leeuw and Walter Rudin, Extreme points and ex-
tremum problems in $H_1 \dots 467$
Eugene Lukacs, Some extensions of a theorem of Marcinkiewicz487
George W. Mackey, Multiplicity free representations of
finite groups503
Eben Matlis, Injective modules over Noetherian rings511
J. W. Neuberger, Continuous products and nonlinear integral
L. E. Payne and H. F. Weinberger, New bounds for solutions of second order elliptic partial differential equations551
of 600000 of act curpus partition and creation of
William T. Reid, A Prüfer transformation for differential
systems
K. M. Saksena, Inversion and representation theorems for a
generalized Laplace integral597
Daniel Shanks, Two theorems of Gauss
Paul Slepian, On the Lebesgue area of a doubled map
Otto Szász and Nelson Yeardley, The representation of an
analytic function by general Laguerre series
A. C. Woods, On two-dimensional convex bodies635

Vol. 8, No. 3

Fall 1958