

The
**Michigan
Mathematical
Journal**

EDITORIAL BOARD

Wilfred Kaplan

Edwin E. Moise

George Y. Rainich

Raymond L. Wilder

MANAGING EDITOR

George Piranian

THE UNIVERSITY OF MICHIGAN PRESS

ANN ARBOR, MICHIGAN, U.S.A.

TABLE OF CONTENTS

VOLUME 2, 1953-1954

F. Bagemihl	A note on Scheeffer's theorem	149
R. P. Boas, Jr.	Order of magnitude of Fourier transforms	141
R. V. Churchill	Generalized Fourier integral formulas	133
N. Coburn	Note on my paper "Intrinsic relations satisfied by the vorticity and velocity vectors in fluid flow theory"	41
Chandler Davis	Remarks on a previous paper	23
Jean Dieudonné	On biorthogonal systems	7
Ben Dushnik	Upper and lower bounds of order types	27
Paul Erdős	Some remarks on set theory III	51
—————	Some remarks on set theory IV	169
Casper Goffman	On a theorem of Henry Blumberg	21
H. B. Griffiths	A contribution to the theory of manifolds	61
Frank Harary	On the notion of balance of a signed graph	143
Fritz Herzog	A note on power series which diverge everywhere on the unit circle	175
Kiyoshi Iséki	On compact abelian semi-groups	59
Wilfred Kaplan	Extensions of the Gross star theorem	105
Nicholaas H. Kuiper	Locally projective spaces of dimension one	95
Kenneth B. Leisenring	A theorem in projective n-space equivalent to commutativity	35
W. J. LeVeque	On asymmetric approximations	1
—————	The distribution of values of multiplicative functions	179
A. J. Lohwater	On the Schwarz reflection principle	151
G. R. Mac Lane	On a conjecture of Erdős, Herzog and Piranian	147
Immanuel Marx	On the structure of recurrence relations	45
—————	On the structure of recurrence relations II	99
James Munkres	The special homotopy addition theorem	127
R. L. Plunkett	A theorem about mappings of a topological group into the circle	123
G. Y. Rainich	Involution and equivalence	33
G. de B. Robinson and R. M. Thrall	The content of a Young diagram	157
R. M. Thrall, see G. de B. Robinson and R. M. Thrall		
C. J. Titus	A projection operator on harmonic mappings	91
J. L. Ullman	On Faber series. 1. A problem of transfer	109
Jesse Wright	Quasi-projective geometry of two dimensions	115

ADDENDUM TO THE PAPER

On the notion of balance of a signed graph

Frank Harary

pp. 143-146

It has been kindly pointed out by J. B. Kruskal, Jr., that Theorem 8 of König [3, p. 8] is precisely the necessity part of my Theorem 2.

C O N T E N T S

	Page
Nicholaas H. Kuiper, Locally projective spaces of dimension one	95
Immanuel Marx, On the structure of recurrence relations II	99
Wilfred Kaplan, Extensions of the Gross star theorem	105
J. L. Ullman, On Faber series. 1. A problem of transfer	109
Jesse Wright, Quasi-projective geometry of two dimensions	115
R. L. Plunkett, A theorem about mappings of a topological group into the circle	123
James Munkres, The special homotopy addition theorem	127
R. V. Churchill, Generalized Fourier integral formulas	133
R. P. Boas, Jr. Order of magnitude of Fourier transforms	141
Frank Harary, On the notion of balance of a signed graph	143
G. R. Mac Lane, On a conjecture of Erdös, Herzog and Piranian	147
F. Bagemihl, A note on Scheffer's theorem	149
A. J. Lohwater, On the Schwarz reflection principle	151
G. de B. Robinson and R. M. Thrall, The content of a Young diagram	157
Paul Erdös, Some remarks on set theory IV	169
Fritz Herzog, A note on power series which diverge everywhere on the unit circle	175
W. J. LeVeque, The distribution of values of multiplicative functions	179

The Michigan Mathematical Journal is published by the University of Michigan Press, Ann Arbor, Michigan, U. S. A. Each volume consists of two numbers of about 100 pages each. The price per volume is \$2 on direct orders from individuals, and \$4 on all other orders.

MICHIGAN MATHEMATICAL JOURNAL
 Department of Mathematics
 University of Michigan
 Ann Arbor, Michigan 48109