OFFICIAL COMMUNICATIONS

Meetings of the Society have been fixed at the following times and places:

NEW YORK CITY, October 27, 1923.

Abstracts must be in the hands of the Secretary of the Society not later than October 13.

THE SOUTHWESTERN SECTION, in COLUMBIA, MISSOURI, December 1, 1923. See also page 378.

Abstracts must be in the hands of the Secretary of the Section, E. B. Stouffer, not later than November 16.

THE ANNUAL MEETING OF THE SOCIETY, in NEW YORK CITY, December 27–28, 1923. See also this Bulletin, vol. 29, No. 4 (April, 1923), p. 188.

Abstracts must be in the hands of the Secretary of the Society not later than November 29.


Abstracts must be in the hands of the Secretary of the Chicago Section, Arnold Dresden, 2114 Vilas St., Madison, Wis., not later than November 29.

R. G. D. RICHARDSON,
Secretary of the Society.

Transformations of Surfaces

by

LUTHER PF AhLER EISENHART

Professor of Mathematics in Princeton University.

A continuation of the author's

Differential Geometry

Published with the cooperation of

The National Research Council

380 pages. Price, $4.00

Princeton University Press

Princeton, N. J.
Whole Number 317

CONTENTS

On the Riemann Zeta Function. By C. F. Craig................. 337
Note on a Certain Type of Ruled Surface. By W. A. Grau-
stein............................................. 341
The Differentiation of a Function of a Function. By H. S.
Carslaw............................................ 344
On the Relative Curvature of Two Curves in $V_n$. By Joseph
Lipka.............................................. 345
Square-Partition Congruences. By E. T. Bell.................... 349
Determination of all Systems of $\infty^4$ Curves in Space in which
the Sum of the Angles of every Triangle is Two Right
Angles. By Jesse Douglas......................... 356
Volume III of Lie's Memoirs. By R. D. Carmichael....... 367
Bolzano on Paradoxes. By L. L. Silverman.................. 370
Shorter Notices.................................. 372
Notes............................................ 378
New Publications.................................. 381

Any communication intended for this BULLETIN may be addressed to the
American Mathematical Society, Prince and Lemon Streets, Lancaster, Pa., or
may be sent to separate officials of the Society as follows:

Articles for insertion in the BULLETIN should be addressed to E. R. Hedrick,
Editor of the BULLETIN, 304 Hicks Ave., Columbia, Mo. Reviews should be sent
to J. W. Young, Dartmouth College, Hanover, N. H. Notes should be sent to
R. W. Burgess, Brown University, Providence, R. I.

Subscriptions to the BULLETIN, orders for back numbers, and inquiries in
regard to non-delivery of current numbers should be addressed to The American
Mathematical Society, 501 West 116th Street, New York.

Advertising space is available in the BULLETIN at $16 per page, $9 per half-
page, $5 per quarter page, per issue. Address correspondence regarding advertising
to H. L. Rietz, University of Iowa, Iowa City, Iowa.

Changes of address of members, exchanges, and subscribers should be com-
municated at once to the Secretary of the Society, R. G. D. Richardson, 501
West 116th Street, New York.

The initiation fees ($5.00) and annual dues ($6.00) of members of the Society
are payable to the Treasurer of the Society, W. B. Fite, 501 West 116th Street,
New York.

LANCASTER PRESS, INC., LANCASTER, PA.