

Photogrammetric Engineering

Volume XXXIV

April 1968

Number 4

Contents

COVER PAGE—Circular patterns near Bow Island, Alberta, Canada, made by two separate irrigation sprinkler systems moving on wheels and turning on center pivot points. Radius of each circle is one-quarter of a mile. Photo courtesy of Planning Branch, Alberta Department of Highways, Alberta, Canada.

TECHNICAL ARTICLES

- Review of Strip and Block Adjustment, '64-'67**
G. H. Schut 344
- A Study in Numerical Radial Triangulation**
Dr. Edward M. Mikhail 358
- Constructing Stereograms**
David A. Bernstein 370
- Color Photos for Highway Engineering**
J. R. Chaves and R. L. Schuster 375
- Camera Orientation for Cloud Measurements**
Edward L. Harrington 380
- The Fichter Equation for Correcting Stereoscopic Slopes**
Arthur D. Howard 386
- Super Wide-Angle and the AP/C**
Sanjib K. Ghosh and Everett H. Ramey 391

(Continued on page 317)

Second-class postage paid at Menasha, Wisconsin and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church, Virginia 22046. Publications Office—The George Banta Company, Inc., Curtis Reed Plaza, Menasha, Wisconsin 54952.

Copyright 1968 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers) may be made only after obtaining the specific approval of the Society's Chairman of the Publications Committee.

The Society is not responsible for any statements made or opinions expressed in the technical papers, advertisements, or other portions of this Publication.

Subscription Rates—No charge to Society members in good standing; \$15 annually for all subscribers, postage paid. The price for current issues, beginning with January 1966, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1966, prices may be obtained from the Society headquarters.

Printed in the United States of America

(Continued from page 315)

NEWSLETTER	407
RESUMEN DE LOS ARTÍCULOS TÉCNICOS PUBLICADOS EN EL MES PREVIO . . .	324
1968 INTERNATIONAL CONGRESS IN SWITZERLAND	406
ARTICLES FOR NEXT MONTH	404
ARTICLES IN OTHER PHOTOGRAMMETRIC JOURNALS	404
DISCUSSION OF FLIGOR'S "RESECTION . . ."	322
SOCIETY AFFAIRS	
List of Sustaining Members	321
1968 Semi-Annual Convention	368
MANUAL OF PHOTOGRAMMETRY	342
MANUAL OF PHOTOGRAPHIC INTERPRETATION	405
MANUAL OF COLOR AERIAL PHOTOGRAPHY	328
The Photogrammetric Society, London	355
JOURNAL ADMINISTRATION	
Index to Advertisers	319
Advertising Rates and Information	403
What <i>Photogrammetric Engineering</i> Is	319
Notice to Authors	390
Publications Committee	374

NOTICE: Correspondence relating to all business and editorial matters pertaining to this and other Society publications should be directed to the American Society of Photogrammetry, 105 Virginia Ave., Falls Church, Virginia 22046, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and the MANUALS OF PHOTOGRAMMETRY, PHOTOGRAPHIC INTERPRETATION, and COLOR AERIAL PHOTOGRAPHY. The telephone number of the Society Headquarters is (703)-534-6617.

See Announcement of 1968 Congress in Switzerland page 406.