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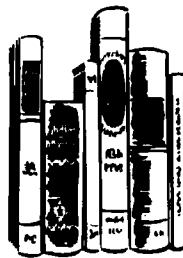
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books
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Transactions of The 2nd International Congress of High-Speed Photography and Cinematography

Edited by Pierre Naslin and Jean Vivié. Published (1956) by Dunod, 92 Rue Bonaparte, Paris VI. i-xxviii + 455 pp., Profusely illus. incl. 5 color plates, 8¼ × 11½ in. Price 6,000 fr. Copies available from SMPTE headquarters, \$17.25.

The proceedings of the 2nd International Congress on High Speed Photography held in Paris in September 1954 are compiled in this sizable book which features translations of many of the papers in German, French and English. The book is printed in large and generous format and includes numerous illustrations and graphs. A total of 68 papers are covered, classified into 14 parts as follows: Flashlamps and Flash Cameras (10 papers), Radiography (2 papers), High-Speed Shutters (3 papers), Mechanical-Optical Cameras (9 papers), Image-Dissection Cameras (3 papers), Sensitive Surfaces—"Emulsions" (2 papers) Lighting (2 papers), Schlieren and Interferometry (7 papers), Biology (4 papers), Metallurgy and Mechanical Engineering (3 papers), and Atomization — "Fluid Sprays" (4 papers).

In comparing this publication with others on the subject, published in the past, it is noted that the quality of the papers is particularly high and that the material covered is largely new rather than repetition of earlier work. Because of the translations provided, this book should find ready acceptance in all parts of the world. Particular care has been given to proper translation of the many technical phrases which are involved as well as to the papers in general. Discussion where given on a paper has been included.

No attempt has been made to restrict the illustrations and this adds much to the value of the publication. Many of these are also in color.

The papers have been carefully arranged to achieve reading ease regardless of the language concerned. The titles, forewords, and all captions of illustrations are given in all three languages. A good quality, hard finish paper has been used and the binding is well done. This publication seems to be well worth the price. It covers a sizable part of the current equipment and techniques of high-speed photography in a fashion to recommend it for anyone working in this field.—Richard O. Painter, General Motors Proving Ground, Milford, Mich.

Reference Data for Radio Engineers, 4th ed.

Edited by H. P. Westman. Published (1956) by International Telephone and Telegraph Corp., Publication Dept., 67 Broad St., New York 4. 1150 pp. Illus. Tables. 5¼ × 8½. Price \$6.00.

In this volume, contents of the Third Edition have been brought up to date and expanded where developments required further treatment. New material has been added on such subjects as modern network design of filters, magnetic amplifiers, feedback control systems, semiconductors and transistors, scattering matrixes, digital computers, nuclear physics, information theory, and probability and statistics.

The book is primarily a compilation of equations, graphs, tables and similar data that are frequently needed in general radio engineering and in college instruction. Prepared by engineers who are specialists in the various subjects covered in the book, it affords a convenient source of data.

current
literature



The Editors present for convenient reference a list of articles dealing with subjects cognate to motion-picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from The Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

American Cinematographer vol. 37, July, 1956
Sub-Zero Camera Operation (p. 414) *W. Hoch*
A Portable, Automatic Interval Timer (p. 422)
P. F. Ruckert
The Depth of Field of Camera Lenses (p. 424)

vol. 37, August, 1956
Starting the New Assignment (p. 473) *W. Strenge*
Harnessing Sunlight with Reflectors (p. 474)
A. Rowan
Location Camera Carriers (p. 476) *F. Foster*
Shooting an Industrial with Ansco's New, Fast Color Film (p. 482) *J. Mitchell*
3-Perforation Film Frame Spacing Proposed (p. 486)

British Kinematography vol. 28, June 1956
Equipment Used for the New Techniques in Film Production (p. 185)
Kazimierz Proszynski (1875-1945) *B. Orna*
and *E. Orna*

vol. 29, July, 1956
Handling the New Presentation Techniques (p. 10) *R. E. Pulman*
The Building of the Independent Television News Service (p. 23) *P. H. Dorlé*

International Photographer vol. 28, July, 1956
Laboratory Processing of 35mm Black and White Negative (p. 5) *W. R. Greene*
The Cine Kodak Special (p. 7) *R. W. Sumner*

International Projectionist vol. 31, July, 1956
A Common Sense Approach to Screens, Apertures and Aspect Ratios (p. 7) *R. A. Mitchell*
Curved Gate for Simplex Projectors (p. 13)
H. Barnett