

- Div., Camden, N.J. Presented on October 10, 1952, at the SMPTE Washington Convention.
- "A Study of Dropouts in Magnetic Film" by Ernest W. Franck, Reeves Soundcraft Corp. Presented on October 10, 1952, at the SMPTE Washington Convention.
- "Methods of Measuring Surface Induction of Magnetic Tape" by J. D. Bick, RCA Victor Div., Camden, N.J. Presented on October 29, 1952, at the 4th Annual Convention of the Audio Engineering Society.
- "Standardization Needs for 16mm Magnetic Sound" by E. W. D'Arcy, De Vry Corp. Presented on October 10, 1952, at the SMPTE Washington Convention.

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. 33, Oct. 1952
Two New 16mm Films (p. 436) *J. Van Natta*

vol. 33, Nov. 1952
And Now . . . Cinerama (p. 480) *J. W. Boyle*
Why I Used the Garutso Lens in Filming "The Four Poster" (p. 482) *H. Mohr*
Variable Shutter for the Bolex H-16 (p. 484) *F. Foster*

Carefully Balanced Lighting Vital to Best TV Film Results (p. 486) *P. Tannura*

vol. 33, Dec. 1952
The Development of Follow-Focus in Cinematography (p. 523) *F. Foster*
Overhead Lighting for Overall Set Illumination (p. 528) *J. Ruttenberg*
Techniques for TV Commercials (p. 532) *W. R. Witherell, Jr.*

American Scientist

vol. 40, Oct. 1952
Underwater Television and Marine Biology (p. 679) *H. Barnes*

Audio Engineering

vol. 36, Oct. 1952
Handbook of Sound Reproduction, Chapter 5: "Musical Instruments and the Human Voice" (p. 36) *E. M. Villehur*

vol. 36, Nov. 1952
New Medium-Cost Amplifier of Unusual Performance (p. 30) *G. L. Werner and H. Berlin*
Handbook of Sound Reproduction (p. 40) *E. M. Villehur*

vol. 36, Dec. 1952
Handbook of Sound Reproduction (p. 20) *E. M. Villehur*

Bild und Ton

vol. 5, Nov. 1952
Die Lebensdauer der Filmkopien in Abhängigkeit von den Abmessungen der Transportrollen (p. 347) *K. O. Frielinghaus*

Kinotechnische Normung: Bericht über die ISO-Tagung (p. 356)

British Kinematography

vol. 21, Aug. 1952
High-Definition Films (p. 32) *N. Collins and T. C. Macnamara*
A New Television Recording Camera (p. 39) *W. D. Kemp*

vol. 21, Oct. 1952
International Conference on Cinematographic Standards (p. 88)
Modern Kinema Lighting (p. 93) *G. Robinson*

vol. 21, Nov. 1952
Considerations Affecting the Design of Television Cameras (p. 117) *G. C. Newton*
Inlay Process for Television Production (p. 122) *A. M. Spooner*
Use of the Radio Talk-Back Unit in Television Productions (p. 127) *R. Toombs*

Electronics

vol. 25, Nov. 1952
Evaluating AFC Systems for Television Receivers (p. 132) *G. Howitt*

International Photographer

vol. 24, Nov. 1952
Shooting Live TV Shows with Motion Picture Cameras (p. 5) *K. Freund*
Television Filming (p. 8) *V. E. Hughes*

vol. 24, Dec. 1952
The Natural Vision 3D Camera (p. 5)
Cinerama (p. 9) *A. Nadell*

International Projectionist

vol. 27, Oct. 1952
Safety Film: Performance Characteristics (p. 5) *R. A. Mitchell*
Cinerama—A Step in the Right Direction (p. 10) *A. Nadell*

vol. 27, Nov. 1952
 Safety Film: Performance Characteristics, Pts. II, (p. 6) *R. A. Mitchell*
 Transistor—Successor to the Vacuum Tube? (p. 12)
 De Vry's JAN Magneto-Optical Portable Projector (p. 19)

vol. 27, Dec. 1952
 Projector Mechanisms Have Improved (p. 7) *L. Chadbourne*
 The New Ansco Color Film and Process (p. 13) *R. A. Mitchell*

Kinematograph Weekly (Ideal Kinema section)
 vol. 18, Oct. 9, 1952
 Optics of the Sound Head (p. 13) *R. H. Cricks*
 Cricks Sees Synchro-Screen (p. 11) *R. H. Cricks*

Kino-Technik
 vol. 6, Oct. 1952
 Tonschriften im Gegentaktverfahren (p. 232)
 Filmaufzeichnungsanlage im Fernsehbetrieb (p. 236)
 Britisches Farbfernsehen vor deutschen Augen (p. 237)
 Störungen bei der Vorführung von Tonfilmen (p. 245) *K. Braune and H. Tümmel*

no. 11, Nov. 1952
 Fernschkameras— ferngesteuert und fernbetrie- ben (p. 252)
 Kinematische Fragen an Filmschaltgetrieben (p. 262) *H. Weise*

vol. 6, Dec. 1952
 Zum Normblatt-Entwurf Sicherheitsfilm (p. 276) *L. Busch*
 Verwendung von HI-Kohlen in der Schmalfilm- projektion (p. 279) *C. Heimann*
 1200-m-Schmalfilmspuler ermöglichen pausen lose Vorführung (p. 280) *E. May*
 Die Fernseh-Grossprojektion im Kino (p. 282) *F. Winkel*
 Störungen bei der Vorführung von Tonfilmen (p. 290) *K. Braune and H. Tümmel*

Motion Picture Herald
 vol. 189, Nov. 22, 1952
 Natural Vision Ready for Public Showing (p. 38) *W. R. Weaver*

Motion Picture Herald
 (Better Theaters Section)
 vol. 189, Dec. 6, 1952
 What Projectionists Should Know About Film Stock Today (p. 37) *G. Gagliardi*

Philips Technical Review
 vol. 14, July 1952
 High-tension Generators for Large-Picture Pro- jection Television (p. 21) *J. J. P. Valetan*

Photographic Journal
 vol. 92B, Sept.-Oct. 1952
 (High-Speed Photography Issue)
 Flash Cinematography (p. 129) *R. H. J. Brown*
 A Synchronized Flash-Discharge System for High-Speed 35mm Cinematography (p. 133) *W. D. Chesterman and G. T. Peck*
 Image Converter Tubes and Their Application to High-Speed Photography (p. 137) *J. S. Courtney-Pratt*
 Image Converter Techniques Applied to High-Speed Photography (p. 149) *R. A. Chippendale*
 An Electronically Operated Kerr Cell Shutter (p. 158) *K. D. Froome*
 Electro-Optical Shutters as Applied to the Study of Electrical Discharges (p. 161) *J. M. Meek and R. C. Turnock*

Radio & Television News
 vol. 48, Nov. 1952
 Miniature TVI Wavetraps (p. 41) *R. P. Turner*
 Television "Snow" (p. 58) *W. H. Buxhsbaum*
 Self-Focus Picture Tubes (p. 122) *E. M. Noll*

Radio & Television News
 (Radio-Electronic Engineering Section)
 vol. 48, Nov. 1952
 Audio Facilities for TV Studios (p. 3) *E. P. Vincent*
 Color TV Definitions (p. 32)

Book Review

Exposure Meters and Practical Exposure Control

By J. F. Dunn. Published (1952) by The Fountain Press, 46-47 Chancery Lane, London WC2, England. 252 pp. (incl. 10 pp. index) + 8 pp. adv. Numerous tables; 97 illus. and plates. $6\frac{1}{2} \times 8\frac{1}{2}$ in. Price 35 shillings.

Technical aids to the control of photographic exposure have always been a matter of lively interest to photographers of all

types and have occasionally been the subject of passionate and perhaps excessively partisan debate. As long as still monochrome photography with wide-latitude materials was all that was involved, excellent results could be obtained with a moderately wide range of exposures, and the discrepancies between the various devices employed and the techniques used were not of great importance. In recent years however, the accuracy demanded of exposure estimating equipment for color