

chapters are on using the blackboard and on setting up and operating an audio-visual laboratory. The chapter on the laboratory will be especially useful to schools of education. The authors have made good use of line drawings to enliven the text. Since the illustrations are so good it is surprising to find no examples of charts, such as pie charts and bar graphs.

The book is so full of ideas and hundreds of practical suggestions that the compression necessary to get these into a small

space has resulted in some subjects being slighted. It is impossible, obviously, to explain photography in two or three pages or outline objective research methods in one page. This book, therefore, is not a thorough discussion of any one phase of audio-visual education but is an overview of the whole subject. There is an appendix on sources of materials and equipment.—PAUL R. WENDT, College of Education, University of Minnesota, Minneapolis 14.

## 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. 31, no. 10, Oct. 1950  
 Choosing a 16Mm Camera for Professional Work (p. 342) L. ALLEN  
 New Technicolor System Announced (p. 354)

vol. 31, no. 11, Nov. 1950  
 Economy Prime Factor in Producing Films for TV (p. 377) H. A. LIGHTMAN  
 Advantages of Variable Shutters in 16Mm Cine Photography (p. 386) J. FORBES

vol. 31, no. 12, Dec. 1950  
 New Technicolor System Tested by Directors of Photography (p. 414) L. ALLEN  
 Surgical Cinematography (p. 417) F. C. ELLS

New Camera and Tripod Carrier Developed at MGM (p. 418) F. FOSTER

### British Kinematography

vol. 16, no. 4, Apr. 1950  
 Technical Requirements of a Mobile Studio Unit for Feature Films (p. 109) B. HONRI

Modern Kinema Equipment: III., Accessory Equipment and Film Mutilation (p. 122) R. A. RIGBY  
 Improvements in Large-Screen Television (p. 126) T. M. C. LANCE

vol. 16, no. 5, May 1950  
 Maintenance of 16Mm Print Quality  
 I. The Renter's Problems (p. 152) E. F. BRADLEY  
 II. Problems in the Field (p. 154) M. RAYMOND, JR.

vol. 16, no. 6, June 1950  
 High-Diffusion Screens for Process Projection (p. 189) H. MCG. ROSS

vol. 17, no. 2, Aug. 1950  
 Science and the Motion Picture (p. 42) R. WATSON-WATT

The Evolution of the Newsreel  
 I. Introduction (p. 47) H. THOMAS  
 II. The Early Days of Newsreels (p. 47) K. GORDON  
 III. The Development of the Sound Newsreel (p. 50) W. S. BLAND  
 IV. The Future of the Newsreel (p. 53) H. THOMAS  
 History and Development of the Colour Film (p. 57) R. H. CRICKS

vol. 17, no. 3, Sept. 1950  
 Electrical Devices as Applied to Special Effects  
 I. Problems of Remote Control (p. 84) J. GOW  
 II. Miscellaneous Equipment (p. 85) F. GEORGE

### Electronics

vol. 23, no. 8, Aug. 1950  
 Improved Deflection and Focus (p. 94) C. V. BOCCIARELLI

vol. 23, no. 12, Dec. 1950  
 Color Fundamentals for TV Engineers (p. 88) D. G. FINK

vol. 24, no. 1, Jan. 1951  
 Color Fundamentals for TV Engineers, Pt. II (p. 78) D. G. FINK

### **Illuminating Engineering**

vol. 45, no. 10, Oct. 1950  
Television Studio Illumination (p. 606) H.  
M. GURIN and R. L. ZAHOUR

### **International Photographer**

vol. 22, no. 11, Nov. 1950  
Color of Illumination (p. 5) D. NORWOOD  
More About "Inspacian" (p. 8) I. M.  
TERWILLIGER

vol. 22, no. 12, Dec. 1950  
TV Newsreel Production Technique (p. 5)  
J. SANDSTONE  
Smallest TV Camera (p. 8) A. L. MARBLE

### **International Projectionist**

vol. 25, no. 7, July 1950  
Notes on Modern Projector Design, Pt.  
III (p. 5) R. A. MITCHELL  
The Ventarc H. I. Carbon 'Blown' Arc: A  
New Concept (p. 13) E. GRETENER

vol. 25, no. 10, Oct. 1950  
L-1 Arcs: Horse and Buggy Projection  
(p. 5)  
Process Projection of Film for TV (p. 8)  
R. A. LYNN and E. P. BERTERO  
Projection Shutters: A Symposium (p. 11)  
R. H. CRICKS  
The Projection of Safety Film (p. 21) R.  
A. MITCHELL

vol. 25, no. 11, Nov. 1950  
Cinerama: Super-Movies of the Future  
(p. 10)

### **Motion Picture Herald**

(Better Theatres), vol. 182, Jan. 6, 1951  
"Videofilm" Theatre TV System Using  
16Mm Stock in Production (p. 37)  
All-Plastic Screen in Radio City Music  
Hall (p. 38)

### **Radio & Television News**

vol. 45, no. 1, Jan. 1951  
Servicing the 16Mm Sound Projector (p.  
36) D. D. EMERSON

### **Tele-Tech**

vol. 9, no. 10, Oct. 1950  
The FCC Color TV Decision (p. 26)

vol. 9, no. 11, Nov. 1950  
Video Recordings Improved by the Use of  
Continuously Moving Film (p. 32) W.  
D. KEMP

vol. 9, no. 12, Dec. 1950  
Approaches to Color TV (p. 44) J. H.  
BATTISON  
High Definition Monochrome TV (p. 52)  
F. LOOMIS  
A New Video Distribution System (p. 28)  
E. D. HILBURN

### **Tele-Vision Engineering**

vol. 1, no. 10, Oct. 1950  
Subtractive Color TV (p. 12) I. KAMEN  
Video Special-Effects System (p. 14) E. M.  
GORE

vol. 1, no. 12, Dec. 1950  
Metal-Backed TV Picture Tubes (p. 12)  
C. T. WAUGH

## **Society Awards for 1951**

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THERE ARE NOW SIX formal Society Awards which are available for presentation annually to industry engineers who meet the qualifications briefly stated here.

Detailed reports of qualifications of all previous recipients of three of the awards are presented on pp. 641-643 of the JOURNAL for May, 1950, and illustrations showing both sides of two of the Society's medals appear on pp. 476-477 of the April, 1949, JOURNAL. Suggestions for possible candidates to be considered by the several award committees may be sent to

Society Headquarters or addressed directly to the individual chairmen.

### **FELLOW AWARD**

Members in the Active grade who by their "... proficiency and contributions have attained outstanding rank among engineers or executives of the motion picture industry" may be proposed and considered as possible award nominees by the Fellow Award Committee. Such proposals will be received only from present Fellows of the Society and should be addressed to