

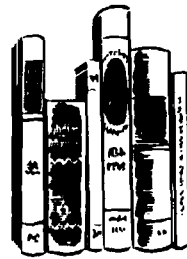
Color, made by reduction from the Vista-Vision double-frame negative, was projected with composite magnetically striped stereophonic sound; other samples were then projected from a double-frame Vista-Vision print. Mr. Ryder pointed out the stereoscopic effect due to the very sharp definition from foreground to background and to a modification of framing during projection. Movement of the camera and of action in the picture were also controlled to add further to the illusion. The Vista-Vision process, Mr. Ryder said, could be used with optically squeezed pictures on either the vertical standard or double-frame print; and special recording methods, including 6-channel magnetic, could be accommodated. For the final demonstration the "Champagne" number from *Girl Rush* was projected from a standard vertical print with single photographic Perspecta Sound.—*E. W. Templin*, Secretary-Treasurer, c/o Westrex Corp., 6601 Romaine St., Hollywood 38.

The San Francisco Subsection at its December meeting elected:

- Leo Diner, *Chairman*
- Glen Pew, *Vice-Chairman*,
- R. A. Isberg, *Secretary-Treasurer*.

The meeting topic was a live color-television camera demonstration by Lee Berryhill, Chief Engineer of KRON-TV, assisted by Roger Woodruf, Doran Ford and Granville Esch who are engineers at KRON-TV.

The first meeting for 1955 was held on February 3 at Leo Diner's film studio in San Francisco. The speaker of the evening was J. Joe Meyer, West Coast Manager of the Wollensak Optical Co. He described the Wollensak plant and showed films of the manufacture of lenses. He displayed several lenses, including the Wollensak 20- and 40-in. telephoto lenses which use mirror optical elements. He showed several films made with the Fastax camera and demonstrated it by running 100 ft of 16mm film through in six tenths of a second.—*R. A. Isberg*, Secretary-Treasurer, 2001 Barbara Dr., Palo Alto, Calif.



books reviewed

Theatre Catalog, 12th Annual Edition, 1954-1955

Published (1954) by Jay Emanuel Publications, 246-48 N. Clarion St., Philadelphia

7. i-xxxii + 410 pp. Profusely illus., includes advtg. 9 1/4 x 12 1/4 in. Price \$5.00 (foreign shipments \$10.00 a copy).

This year's *Theatre Catalog* reflects the optimistic spirit of the theater industry as it leaves yesterday's box-office clash with home television and, armed with superior projection and sound techniques, enters a new period marked by public enthusiasm for wide screens and quality films.

Theatre Catalog is an impressive encyclopedia on theater business, including design, construction, equipment and facilities, maintenance, and management. Among the many subjects covered are: new construction materials, lighting, CinemaScope installation, Paramount's VistaVision, screen materials, air conditioning, network theater television, new products, concessions and drive-ins.

This year's editorial feature is devoted to a history of the SMPTE's growth and service to the entire industry, illustrated by photographs showing the progress made in equipment from Edison's 1889 Kinetograph to RCA's experimental magnetic-tape video recorder.

Sound recording and reproduction systems are well described. An excellent article by William Snow provides clarification and classification of stereophonic techniques, past and present.

There is a comprehensive review of domestic and foreign theater design. One article describes the status of the film industry in postwar Japan. As in all other articles, the illustrations are well chosen. A complete cumulative index to advertising and articles of interest makes each year's *Theatre Catalog* continually useful.—*Rowland H. Müller*, General Precision Laboratory Inc., Pleasantville, N.Y.

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. 35, July 1954
- Cukoloris—Set Lighting's Most Versatile Tool (p. 332) *J. Lashelle*
- Tri-X—New Eastman High-Speed Negative Motion Picture Film (p. 335) *E. Ilse*
- Creative Cutting (p. 336) *C. Loring*
- Simultaneous Production Shooting in CinemaScope and Wide-Screen (p. 338) *G. Folsy*
- Case History of a Non-Theatrical Film Production (p. 342) *C. L. Anderson*
- Arriflex Cameras Adapted for CinemaScope (p. 344) *A. Rowan*
- Hot Splicer Conversion (p. 348) *H. Stockert*

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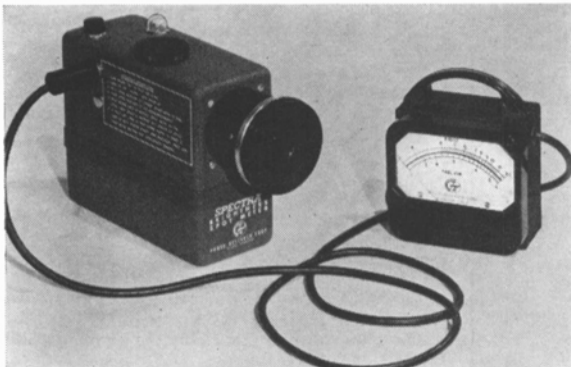


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vol. 36, Jan. 1955
 Technical Progress in 1954 (p. 24) *A. E. Gavin*
 Adapting the Zoomar Lens to the Auricon-Pro
 (p. 28) *J. Hoke*
 Low Budget Training Film Production (p. 30)
A. H. Smith
 Tri-X in Feature Film Production (p. 33) *S. Cortez*
 Movies without a Camera (p. 34) *H. Benson*

Audio Engineering Society, Journal
 vol. 2, No. 3, July 1954
 Survey of Flux-responsive Magnetic Reproducing
 Heads (p. 145) *O. Kornei*
 The Mechanics of Good Loudspeaker Design (p.
 176) *A. B. Cohen*

Bild und Ton vol. 7, Dec. 1954
 Die kinematographische Beobachtung von Sonnen-
 finsternissen (p. 359) *D. Wallenberg*

British Journal of Applied Physics
 vol. 5, Dec. 1954
 High Current Spark Channels (p. 446) *J. E. Allen and J. D. Craggs*

British Kinematography vol. 25, Sept. 1954
 Dynamic Focussing of Motion Picture Cameras
 (p. 72) *R. L. Houtt*
 The New Chromart-Tricolor Separation Negative
 Material and Process (p. 79) *H. von Fraunhofer*
 Dimming Fluorescent Tubes in the Cinema (p.
 81) *H. H. Ballin*

vol. 25, Oct. 1954
 Electronic Film-making (p. 104) *T. C. Macnamara*
 Experimental Colour Television (p. 107) *Marconi Company*
 Some Problems of Sound Reproduction (p. 118)
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vol. 25, No. 5, Nov. 1954
 The Specialized Film (p. 138) *H. S. Hind*

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T. C. Macnamara, W. D. Kemp, A. M. Spooner, B. R. Greenhead and N. Q. Lawrence
 Lighting for High Speed Photography (p. 183)
P. T. Cahill

vol. 26, Jan. 1955
 Recent Developments in Colour Television with
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 The Techniques of Large Screen Presentation,
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Electronics vol. 27, Aug. 1954
 Adjustment Procedures for Color TV Production
 (p. 140) *C. T. McClane*
 Continuous Film Scanner for Monochrome or
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 Drum Camera Monitors Friction Research (p.

40) *J. J. Barton, H. G. Clarke, Jr. and W. W. Shugarts, Jr.*

Institute of Radio Engineers, Proceedings
 vol. 43, Jan. 1955
 Color Balance for Television (p. 11) *D. L. Mac-Adam*
 Comment on "NTSC Signal Specifications for
 Color Television" (p. 100) *W. L. Brewer and J. H. Ladd*

International Projectionist
 vol. 29, July, Section 2, 1954 (Convention
 Edition)
 Prescription for Good Projection (p. 7) *B. T. Wedmore*
 The Carbon Arc: Vital Twin Factor in Production
 and Projection (p. 14)
 Flexibility Marks Modern Arclamps (p. 19)
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 Evolution of the Simplex Projector (p. 30) *E. B. Garrison*
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 From Magic Lantern to Giant Screen Stereo
 Sound (p. 34) *H. T. Matthews*

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 (p. 17) *W. Smart*
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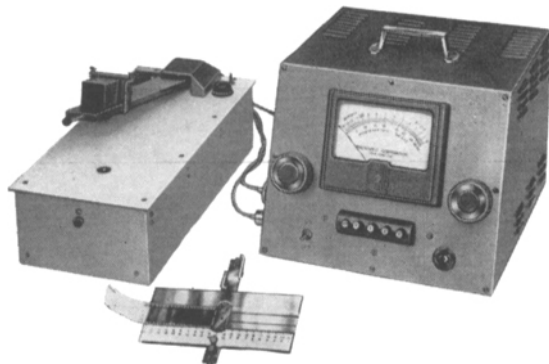
vol. 453, Dec. 16, 1954
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Schnelle Behebung von Störungen an Tonfilm-Verstärkern (p. 316) *H. Friedrich*
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Machine Design vol. 26, Dec. 1954
Analysis of Mechanisms with High-speed Photography (p. 206) *E. A. Edwards*

Philips Technical Review vol. 16, July 1954
Electronic Flash-Tubes (p. 13) *N. W. Robinson*

Philosophical Magazine
Series 7, Vol. 45, Oct. 1954
An Experimental Investigation of the Interaction of a Shock Wave with a Subsonic Stream Bounded by a Wall (p. 997) *D. W. Holder, A. Chinneck and G. E. Gadd*

Radio & Television News vol. 52, Aug. 1954
A Sound-Controlled Thyatron for High-Speed Photography (p. 36) *P. J. Vogelgesand and J. Hulmanowski*

Receiving Tubes for Color TV (p. 38) *W. H. Buchsbaum*

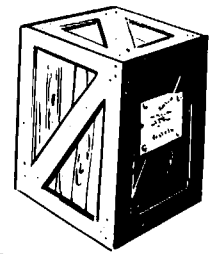
Fundamentals of Color TV; The Color Signal (p. 42) *M. S. Kiver*
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The Motorola 19" Color TV Receiver (p. 72) *M. S. Kay*

Tele-Tech vol. 14, Jan. 1955
New Color TV Projection System (p. 71)
vol. 14, Feb. 1955
How to Plan for Color Television Broadcasting (p. 60) *L. E. Anderson and W. O. Hadlock*



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The Inter Society Color Council News Letter No. 115 is a jubilee issue consisting of brief reviews of the progress made in color in the many fields covered by the Inter-Society Color Council during the editorship of the late Dr. H. I. Godlove. This, the 100th issue he had edited, was planned by Dr. Godlove just before his death as an issue of "rejoicing and accomplishment." Copies, priced at \$1, may be obtained from the Secretary, Ralph M. Evans, Color Control Div., Bldg. 65, Eastman Kodak Co., Rochester 4, N.Y.

Ten Years of Semi-Conducting Materials and Transistors is a 38-page bibliography produced by the Research Dept. of Pye Limited and available from Industrial Electronics Ltd, Exning Rd., Newmarket, England. The 31 pp. of subject index is well grouped under six headings and the complete author index is keyed to these groups.

Monroe H. Sweet, former AnSCO physicist, has announced the formation of the M. H. Sweet Engineering Co., with headquarters at Binghamton, N.Y. The new company consists of a Navigation Division and a Photometric Division and also serves as a consultant in the optical, photographic and aviation fields. The firm's present concentration is on the design and manufacture of air navigation devices, including autopilots, and on the development of photoelectric measuring devices such as densitometers. Associated with Mr. Sweet as chief engineer is James Casterlin, formerly of AnSCO and Link Aviation, Inc.

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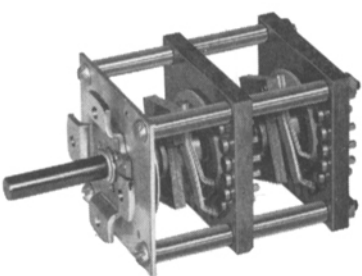
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