

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. 32, Apr. 1951
Under Water With the Aquaflex (p. 132)
T. Gabbani
Editing Magnetic Sound (p. 137) *L. L. Ryder*
Ten Basic Factors of TV Film Production
(p. 138) *A. L. Marble*

- vol. 32, May 1951
The Westrex Magnetic Film Recording
Systems (p. 182) *R. Lawton*
Hollywood Knowhow in TV Film Pro-
duction (p. 184) *L. Alien*
In the Best Professional Manner (p. 186)
W. Strenge

- vol. 32, June 1951
The Kinevox Synchronous Magnetic Film
Recorder (p. 224) *R. Lawton*
Station-Production of TV Motion Pictures
(p. 226) *D. L. Conway*

- vol. 32, July 1951
Evolution of the Viewfinder Ground Glass
(p. 262) *J. V. Noble*
The Stencil-Hoffman Synchronous Mag-
netic Film Recorder (p. 264) *R. Lawton*
Economical TV Filming (p. 268) *J. H. Battison*

Audio Engineering

- vol. 35, Aug. 1951
Efficiency of Direct-Radiator Loudspeakers
(p. 13) *V. Salmon*
A New Approach to Loudspeaker Damping
(p. 20) *W. Clements*

British Kinematography

- vol. 17, Dec. 1950
Practical Applications of Magnetic Re-
cording—Tape and Film, Pt. I,
Historical Aspects (p. 182) *K. G. Gould*
Engineering Aspects of Film Production
(p. 196) *R. Howard Cricks*

- vol. 18, Jan. 1951
Motion Picture Presentation (p. 4) *S. B. Swingler and R. R. E. Pulman*
Technical Objectives in Pre-Planning
Production (p. 18) *K. E. Harris*

- vol. 18, Feb. 1951
Economic Aspects of Studio Lighting, Pt.
I, Series-Parallel Wiring of Arcs (p. 44)
C. W. Hillyer

- Back Projection in the Kinema (p. 56)
J. L. Stableford

- vol. 19, July 1951
Presidential Address (The Motion Picture
Industry) (p. 13) *L. Knopp*
The Magnetic Recording and Reproduc-
ing Equipment for the Telekinema (p.
19) *G. F. Dutton*

Electronics

- vol. 24, May 1951
Constructing the Tricolor Picture Tube
(p. 86)

- vol. 24, July 1951
Continuous Film Scanner for TV (p. 114)

- vol. 24, Aug. 1951
Plans for Compatible Color Television
(p. 90)
Picture Generator for Color Television
(p. 116) *R. P. Burr, W. R. Stone and R. O. Noyer*

General Electric Review

- vol. 54, June 1951
Spectrum Utilization in Color Television
(p. 18) *R. B. Dome*

- vol. 54, July 1951
Over-Age Lamps May Mar Television
Reception (p. 42) *J. H. Campbell and H. E. Schultz*

Ideal Kinema

- vol. 17, May 17, 1951
Projection Equipment in the Telekinema
(p. 7) *R. H. Cricks*
Televised Pictures on Large Screen (p. 9)

International Projectionist

- vol. 26, Apr. 1951
Honeycomb-Condenser Lamp Optics (p.
5) *A. R. Schultze*
Evaluating the Honeycomb-Condenser
Lamp (p. 6) *R. A. Mitchell*

- Comparative Data Anent Nitrate Safety
Film (p. 13)

- Theater Television via the RCA PT-100
Equipment, Pt. V, Projectionist Operat-
ing Procedure (p. 18) *RCA Service Co.,
Technical Products Division*

- vol. 26, May 1951
The Magic of Color (p. 13) *R. A. Mitchell*

Theater Television Via the RCA PT-100 Equipment, Pt. VI, Interpretation of Image Characteristics (p. 18)

vol. 26, June 1951

Lens-Correction: What it Means (p. 5)
A. E. Murray

GPL's New 16-Mm Sprocket Intermittent (p. 20)

vol. 26, July 1951

The Magic of Color (p. 5) *R. A. Mitchell*

Motion Picture Herald

vol. 183, Pt. 2 (Better Theatres),
June 2, 1951

Changing to Faster Lenses Can Increase Screen Light (p. 31) *G. Gagliardi*

Radio & Television News

vol. 46, July 1951

Practical Sound Engineering, Pt. V, A Brief History of Early Experiments in Reproducing Sound as Compared With Modern Systems (p. 60) *H. M. Tremaine*

The Problem of Recording TV Frequencies (p. 16) *J. D. Goodell*

vol. 46, Aug. 1951

TV Pictures in Color (p. 38) *N. Chalfin*

Tele-Tech

vol. 10, June 1951

Television Films Adapt TV Techniques (p. 38) *J. H. Battison*

vol. 10, July 1951

Latest Color Television Developments (p. 28)

Your Journals bound make a valuable permanent reference. Six issues constitute a Volume and should be bound with the special contents page (supplied beginning with Vol. 56) and index furnished with each June and December issue. For details of binding see page 702 of the June 1951 *Journal*.

Journal indexes covering the thirty-four years from 1916 through 1950 may be purchased from Society Headquarters.

1916-1930 \$1.25 1930-1935 \$1.25 1936-1945 \$2.00 1946-1950 \$1.50

American Standards form the technical foundation for motion pictures around the world. All current standards were listed by subject and by number in the *Journal Index* 1946-1950. Reprint copies of this list, which includes all previous *Journal* references to each standard, are available from Society Headquarters without charge.

Complete sets of all sixty current standards in a heavy three-post binder with the index are \$13.50, plus 3% sales tax for purchases within New York City, and are available from Society Headquarters. Single copies of any particular standard must be ordered from the American Standards Association, 70 East 45th St., New York 17, N.Y.

Test films are the customary tool for checking picture and sound performance in theaters, service shops, in factories and in television stations. Twenty-seven different test films in 16- and 35-mm sizes are produced by the Society and the Motion Picture Research Council. Write to Society Headquarters for a free catalog.

Meetings of Other Societies

Theatre Equipment and Supply Manufacturers' Association (in conjunction with Theatre Equipment Dealers), Oct. 11-13, Ambassador Hotel, Los Angeles, Calif.

National Electronics Conference, Seventh Annual Conference, Oct. 22-24, Edgewater Beach Hotel, Chicago. The conference is sponsored by the American Institute of Electrical Engineers, Institute of Radio Engineers, Illinois Institute of Technology, Northwestern University and the University of Illinois, with participation by the University of Wisconsin and the Society of Motion Picture and Television Engineers.

The American Institute of Physics is holding a twentieth anniversary meeting in Chicago on October 23-27. Its member societies will hold meetings at that time as follows:

Acoustical Society of America, Oct. 23-25

Optical Society of America, Oct. 23-25

Society of Rheology, Oct. 24-26

American Physical Society, Oct. 25-27

American Association of Physics Teachers, Oct. 25-27