

## CURRENT LITERATURE OF INTEREST TO THE MOTION PICTURE ENGINEER

*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 copies may be obtained from the Library of Congress, Washington, D. C., or from the New York Public Library, New York, N. Y. Micro copies of articles in those magazines that are available may be obtained from the Library of the U. S. Department of Agriculture, Washington, D. C.*

### Academy of Motion Picture Arts and Sciences, Technical Bulletin

(March 31, 1937)

Specifications—Standard Electrical Characteristics for Two-Way Reproducing Systems in Theaters (p. 3).

### American Cinematographer

18 (April, 1937), No. 4

Dodd Describes B-M's New Type 24-Inch Sunspot (p. 134).

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Mitchell Announces New Sound Recorder (p. 138).

Art Reeves Introduces All-Purpose Developer (pp. 142-143, 147, 172).

General Electric Announces 100-Watt Lamp Giving Continuous Flashes (p. 168).

### Bell Laboratories Record

15 (April, 1937), No. 8

A New Noise Meter (p. 252).

J. M. BARSTOW

### Electronics

10 (April, 1937), No. 4

The Acoustical Labyrinth (pp. 24-27, 36).

B. J. OLNEY

Efficiency of Horn Loud Speakers (p. 30).

F. MASSA

10 (May, 1937), No. 5

Noise in Frequency Modulation (p. 22).

H. RÖDER

### Filmtechnik

13 (March 27, 1937), No. 5-6

A New German Hand Camera—"Arriflex" (Neuartige Deutsche Handkamera) (p. 49).

W. MARTINI

"Phonorhythm" (Fonorhythmie) (p. 50).

P. HATSCHKE

13 (April 24, 1937), No. 7

Fragen zur Raumdarstellung (Questions on Stereoscopic Representation) (p. 61).

G. TIMMERMANN

Neuer Richtmikrofone (New Directional Microphone) (p. 63)

P. HATSCHKE

- Neue Sicherheitsvorschriften für Lichtspieltheater  
(New Safety Recommendations for Motion Picture  
Theaters) (p. 84). W. GUNTHER
- Kinobild mit Glühlampenfeldern (Motion Pictures by  
Means of Panels of Incandescent Lamps) (p. 88). P. HATSCHER

**International Photographer**

- 9 (May, 1937) No. 4
- New Economical Trick Shot Camera (p. 5).
- Twentieth Century-Fox Silent Camera Proven Success (p. 10).
- New Canady Recording Galvanometer (p. 19).
- 9 (June, 1937), No. 5
- Color Make-Up (p. 27).
- "Preview" Moviola Ready for Use (p. 28).

**International Projectionist**

- 12 (April, 1937), No. 4
- New Amplifier Features Reflect Rapid Progress in  
Design (p. 7). L. CHADBOURNE
- Projection Requisites of the Berthon-Siemens Lenticu-  
lar Color-Film (p. 18). E. GREENER
- The Push-Pull Sound Recording and Reproducing  
System (p. 19). F. T. JAMEY, JR.
- 12 (May, 1937), No. 5
- Film Scratches (p. 7).
- A New Projection Tool: The Cathode-Ray Oscillo-  
scope (p. 12). L. P. WORK
- Effect of New Recordings on Theater Sound Repro-  
duction (p. 16). L. CHADBOURNE
- A New Zero-Current Meter for Projection Room Use  
(p. 22). R. GARWIN

**Kinematograph Weekly**

- 242 (April 1, 1937), No. 1563
- A New Color Process Employing Quarter-Size Images  
(p. 50).

**Kinotechnik**

- 19 (April, 1937), No. 4
- Consideration of the Question of Satisfactory Illumi-  
nation in Projection (Betrachtungen zur Frage der  
gunstigsten Projektionsbildbeleuchtung) (p. 67). O. REEB
- The Cameraman's Technical Demands of Raw Film,  
Studio, Printing Establishment, and Theater (Die  
filmtechnischen Ansprüche des Kameramanns an  
Rohfilm, Atelier, Kopieranstalt, und Filmtheater)  
(p. 76). A. VON LAGORIO
- Arriflex, A New Professional Hand Camera (Die Arri-  
flex, eine neue Berufshandkamera) (p. 85).

- Outline of Film Standardization (Grundlinien der Normung im Film) (p. 91). W. RAHTS  
 19 (May, 1937), No. 6
- Color-Film and Projection (Farbfilm und Projektion) (p. 121). W. PAPE
- Ufacolor Process (Das Ufacolor-Verfahren) (p. 123). G. IGNATOW
- Mirror Reflecting Device on Motion Picture Cameras (Die Spiegelreflexeinrichtung bei Kinokameras) (p. 129). G. SEEBER
- Floodlights and Spots with Fresnel Lenses (Scheinwerfer und Spots mit Stufenlinsen) (p. 130). G. O. STINDT
- Distortion as Produced by the Variation in Illumination along a Scanning Slit (Der optische Klirrfaktor von Lichtspaltanordnungen) (p. 132). A. D. JOTZOFF
- Motion Picture Herald (Better Theaters Section)**  
 127 (May 1, 1937), No. 5
- How the New Developments in Sound Affect Maintenance (p. 28). A. NADELL  
 127 (May 29, 1937), No. 9
- Theater Acoustics Today: Auditorium Form Factors (p. 41). C. C. POTWIN
- Photographic Journal**  
 77 (April, 1937) (new series)
- Photographic Progress During 1936 (p. 193). G. E. MATTHEWS
- Progress in Colour Photography (p. 224). D. A. SPENCER
- The Story of the Cartoon Film (p. 229). E. A. DYER
- Increase in Technical Facilities for British Film Production (p. 233). I. D. WRATTEN
- Developments in Kinematographic Apparatus (p. 238). R. H. CRICKS
- Studio Lighting for Kinematography (p. 245). B. LANGLEY
- Negative-Positive Processing of Dufaycolor Film (p. 250). G. B. HARRISON  
 D. A. SPENCER
- Photographische Industrie**  
 35 (March 31, 1937), No. 13
- High-Speed Camera Taking from 16 to 80,000 Pictures per Second (Der Zeitdehner der Technik für 80,000 bis 16 Aufnahme in der Sekunde) (p. 391).  
 35 (April 7, 1937), No. 14
- Stability Testing of Motion Picture Films by Artificial Aging (Haltbarkeitsprüfung von Kinofilmes durch künstliche Alterung) (p. 417).  
 35 (April 14, 1937), No. 15
- Film Fires (Einiges über den Filmbrand) (p. 443). W. NAUCK  
 35 (April 21, 1937), No. 16
- Sound Recording by the "Phonorhythm" Method (Die

Tonbildaufnahmen nach dem Phonorhythmieverfahren) (p. 467).

C. FORSCH

35 (May 19, 1937) No. 35

Die Bezugsebene für Distanzeinstellung bei Schmalfilm-Kinoapparaten (The Relative Plane for Focal Setting in Substandard Motion Picture Cameras) (p. 581).

S. JASIENSKI

#### Proceedings of the Institute of Radio Engineers

25 (April, 1937), No. 4

Characteristics of American Broadcast Receivers as Related to the Power and Frequency of Transmitters (p. 387).

A. VAN DYCK

D. E. FOSTER

Multiple Amplifier (p. 421).

L. A. KUBETSKY

Frequency Modulation Noise Characteristics (p. 472).

M. G. CROSBY

#### Radio Engineering

17 (April, 1937), No. 4

Equipment and Methods Used in Routine Measurements of Loud Speaker Response, II (pp. 16-18, 25).

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The Isochrometer (p. 22).

17 (May 1937) No. 5

Equipment and Methods Used in Routine Measurements of Loud Speaker Response (p. 22).

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#### La technique cinematographique

9 (March, 1937), No. 75

A New Optical Projection Printing Process for Lenticulated Film in Color Motion Picture Photography (Un Nouveau Procédé de Copie par Projection Optique de Films Gauffres pour la Cinématographie en Couleurs) (p. 881).

J. DE LASSUS ST.-

GENES

9 (April, 1937), No. 75

Qu'est-ce que la Solution Thomson-Houston-DeLassus? (What Is the Thomson-Houston-DeLassus Solution?) (p. 903).

C. NORDMANN

L'éclairage du film dans le lecteur de son (Optical Systems for Sound-Films) (p. 911).

J. P. CORTET

#### La Cinématographie Française

19 (April 30, 1937), No. 965

L'Effet Photo-Electrique et Son Application aux Cellules (Photoelectric Effect and Its Application to Cells) (p. 1).

C. TEVES

#### Television

10 (April, 1937), No. 110

We See Scophony's Latest System (p. 196).

- Scanning Faults and How to Remedy Them (p. 200). G. PARR  
Transformers for Television Scanning (p. 209). G. A. V. SOWTER  
The Design of Vision-Frequency Amplifiers, II (p. 220). P. NAGY  
10 (May, 1937), No. 111
- Magnetic Scanning Defects and Their Causes (p. 268). I. G. MALOFF  
The First Acorn Valve Receiver for Vision Signals  
(p. 273).
- The Design of Vision-Frequency Amplifiers, III  
(p. 279). P. NAGY