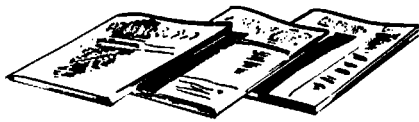


current literature



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 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.

A.B.U. Technical Rev.

The Design of Color Outside-Broadcast Vehicles, *L. V. Germany*, p. 32, No. 28, Sept. 1973.

Transmitter and Aerial Measurement Techniques, *W. Wharton*, No. 29, p. 8, Nov. 1973.

BBC Engineering

UHF Coverage in Remote and Mountainous Areas of the United Kingdom, *W. Wharton*, No. 95, p. 19, Sept. 1973.

Lightweight Color Mobile Control Rooms, *G. D. Cook*, No. 96, p. 4, Nov. 1973.

BKSTS Jour.

Metal Halide Lighting, *D. W. Samuelson*, Vol. 57, p. 49, Feb. 1975.

Broadcast Engineering

Lighting for Projections and Chromakey, *W. F. Schelling*, p. 20, June 1974.

CBS Technical Rev.

Clocks and Time Codes in Broadcasting, *M. Barlow*, p. 20, No. 10, May 1973.

Electronics

Design simplicity cuts costs for German color-video disc system, *G. Dickopp* and *H. Redlich*, p. 93, 27 Sept. 1973.

Electronics Letters

Moiré Effects in Professional Videotape Recorders, *M. O. Felix*, p. 440, No. 19, 20 Sept. 1973.

Fernseh- und Kino-Technik

Lichtstromstabilisierung einer Xenon-Hochdrucklampe, *P. Marx* and *K. Muller*, p. 235, July 1973.

Die synchrone Aufnahme und Bearbeitung von Bild und Ton bei der Herstellung von Tonfilmen, *J. Webers*, p. 17, Jan. 1974; p. 45, Feb. 1974.

Lichttechnische Eigenschaften von Bildwänden, *J. Krochmann* and *H. Reichert*, No. 11, p. 399, Nov. 1973; No. 12, p. 439, Dec. 1973.

IBA Technical Review

Digital Television, *F. H. Steele*, *J. L. E. Baldwin*, *A. D. Stalley*, *H. D. Kichen*, *P. R. Hunt* and *F. H. Wise* (special issue) 64 pp. No. 3, June 1973.

International Broadcast Eng.

Two-Way Cable Television Systems, No. 105/106, p. 29, 1973.

Jour. Audio Engineering Soc.

A New Automatic Noise Reduction System (ANRS), *M. Yamazaki* and *I. Masuda*, p. 445, July/Aug. 1973.

Jour. Optical Soc. of America

Relation Between Munsell and Swedish Natural Color System Scales, *Deane B. Judd* and *Dorothy Nickerson*, Vol. 65, p. 85, Jan. 1975.

Jour. Phot. Sci.

The Imacon High-Speed Camera System, *A. E. Huston*, Vol. 22, p. 211, 1974.

Proc. IEEE

Comparisons of Category Scales Employed for Opinion Rating, *J. W. Allnatt* and *J. M. Corbett*, p. 785, Aug. 1974.

Radio and Electronic Eng.

Optical Fibre Research and Communication (four papers), *D. Marcuse*, *C. P. Sandbank*, *G. Zeidler* and *D. Schicketanz*, and *W. A. Gambling*, *D. N. Payne* and *H. Matsumura*, No. 11, p. 655, Nov. 1973.

The Design of a Precision Video Delay Line, *L. E. Weaver*, No. 12, p. 729, Dec. 1973.

Mechanical Wear and Degeneration of the Magnetic Properties of Magnetic Heads Caused by the Tape, *J. A. L. Potgiesser* and *J. Koorneef*, p. 313, June 1974.

Track Straightness in Helical Scan Videotape Recorders, *Y. Wada*, p. 307, June 1974.

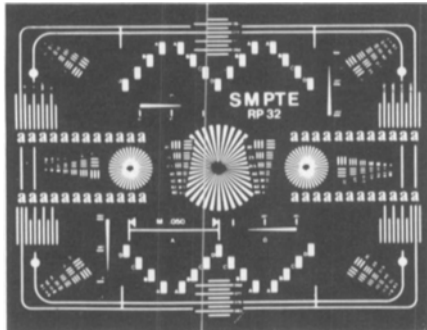
Radio Television (O.I.R.T.)

A Digital-Analog Control System of a Studio VTR, *D. Uhlig*, No. 6, p. 27, 1973.

Basic Possibilities of the Automation of Technical TV Service, *K. Vambera*, No. 4, p. 41, 1974.

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