

"The Documentary Film—Communicating Experience," Dr. Trueman noted that because of its flexibility and the variety of subjects it can treat, the documentary film is a potent instrument for extending and enriching individual experience. Such an educational tool, he said, can be extremely valuable in a democratic society. He emphasized his theme as follows:

"A democratic society must engage in the ceaseless task of enlarging and enriching the experience of its individual members. I developed this generalization to remind you that our people as a whole will go forward pretty well in proportion to what they know and what they have experienced; that in the long run, understanding and sympathy are based, partly at least, on knowledge and experience; that the documentary film, artistically and honestly produced, can help in the performance of this great democratic task because of its flexibility and the variety of subjects it can treat, and because, intelligently used, it is a teaching and information tool of great value."

Special Events

At a special luncheon on Wednesday, May 2, for TV studio lighting engineers at the Belmont-Plaza, Jo Mielziner, well-known stage designer and theater specialist, discussed the relationship between the artist and the technician in producing and lighting a successful stage or television production. Charles Shelvin was chairman of this luncheon committee.

The 400 who attended the traditional banquet on Thursday evening, May 3, danced to the music of Howard Lanin's orchestra and witnessed the presentation of a citation to Boyce Nemeec, who recently resigned as Executive Secretary, for his ten years of service to the Society. Details of this presentation appeared in the May *Journal*.

With 20 technical sessions, many of them concurrent, the projection and public address and recording services were very demanding. But in spite of the tight schedule, these tasks were successfully handled without a hitch. For this we can thank the Projection Chairman, Harry DeFuria; the Public Address and Recording Chairman, Ed Schmidt; and their able and untiring crews. Handling the projection duties from IATSE Local 306 were Steve D'Inzillo, Max Kessler, Gus Cohen, Manny Gessin and Milton Olshin. The recording crew included Larry Knees, Bill Woglom, George Bassett and Richard Gorski of Reeves Soundcraft; Edward P. Ancona and Alfred Ulmer of RCA; Bill Koch and Ray Wulf of Eastman Kodak; and J. Van Deuren and Richard Cook of du Pont.

Three sessions, the TV Studio Lighting on Tuesday and the two Sound Sessions on Thursday, were held at Fine Sound Studios where Bob Fine and Elmer Wilschke were the perfect hosts. Robert W. Eberenz, Chief Maintenance Engineer for Fine Studios, provided special services including recording, and Manny Gessin was the projectionist with the varied equipment required.

Dispensing hospitality in the form of TV tickets, sightseeing discount passes, maps and guides to New York City was Charlie Seager, ably assisted by Paul Christman

also of AnSCO. And at the Membership Desk Joe Dougherty distributed literature, answered queries and brought in 33 new members. His assistance came from Jack Du Vall, National Membership Chairman, Anita Iavarone, Joe Aiken, Jim Moses, Jack Bower, Charles LoBalbo, Ed Warnécke, Ronald Ringler, Martin Rich, Hal Jones and Herb Farmer.

And lending a willing hand wherever it was needed was Administrative Assistant Harold Jones.

Planning for the ladies' program, which included a fashion show and luncheon at the Waldorf Astoria, a tour of Lever Bros., lunch at Sardi's, and a visit to the Metropolitan Museum of Art, was done by Jack McCullough, Mrs. George Gordon and Mrs. Everett Miller. They were assisted by a committee made up of Mrs. Herbert Barnett, Mrs. John McCullough, Mrs. William Rivers, Mrs. Victor Salter and Mrs. Ethan Stiffe.

In addition to the papers program, the luncheon and the banquet, 18 committee meetings were held. These included meetings of 11 engineering committees and of the Association of Cinema Laboratories, the Membership, Papers, Education and Nominating Committees, the 80th Convention Arrangements Committee, and Section Officers.—S.G.

Education, Industry News

The Standards Engineers Society will hold its Fifth Annual meeting October 3, 4 and 5 at the Hotel Willard, Washington, D.C. Theme of the meeting is "Standards — Guides for Tomorrow." Among the speakers at the convention are H. Thomas Hallowell, Jr., President of Standard Pressed Steel Co.; and Dr. A. T. McPherson, associate director for testing, National Bureau of Standards. J. G. Morrow, chairman of the ABC Committee of the Canadian Standards Association, and Frank P. Tisch, chief engineer of the Pheoll Mfg. Co., are scheduled to present Canadian and U.S. viewpoints on ABC unification.

A new feature of the convention will be presentation of awards for noteworthy achievements in the field of standardization. In addition, presentation of Fellowships will be made to outstanding personalities in the field of standards.

Milton S. Smith, Vice-President and Treasurer of Buensod-Stacey, Inc., has been elected President and Chief Executive officer of the company. He succeeds A. C. Buensod, President of the company since its organization, who has been elected to the new post of Chairman of the Board. R. O. McGary has been elected senior Vice President in charge of sales. All three were founders of the company which has specialized in industrial and commercial air-conditioning systems.

Jack C. Ellis, 1209 W. Jarvis Ave., Chicago, has been appointed Assistant Professor of Film at Northwestern University. He will supervise the University's expanded motion-picture program. A former research associate for the Film Council of America, Ellis joined the University's staff as a lec-

turer last winter. He is president of the American Federation of Film Societies and a member of the University Film Producers Association.

Victor M. Salter, a motion-picture technical representative for E. I. du Pont de Nemours & Co. in New York City, has been appointed trade and industrial sales supervisor for du Pont's photographic products in the New York district. He succeeds William J. Cannon who has been transferred to the Boston district as sales supervisor of all photographic products. A member of this Society, Mr. Salter is now serving as Secretary-Treasurer of the Atlantic Coast Section of SMPTE. He is an associate member of the American Society of Cinematographers. William J. Sweet, a motion-picture finishing area supervisor at du Pont's, Parlin, N.J., Photo Products plant will take over the position left vacant by Mr. Salter's new appointment.

section reports



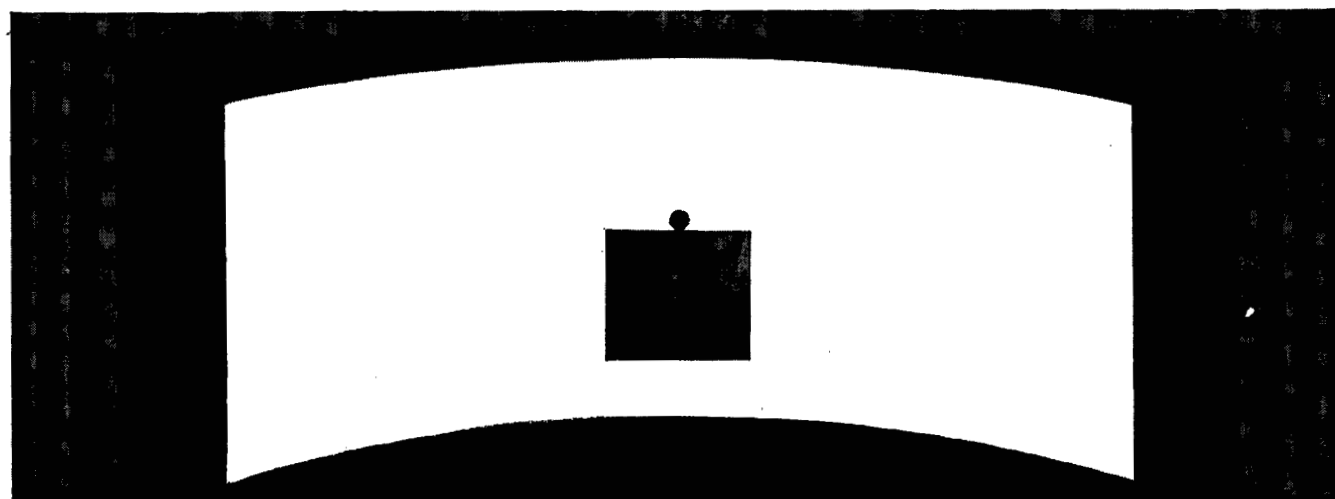
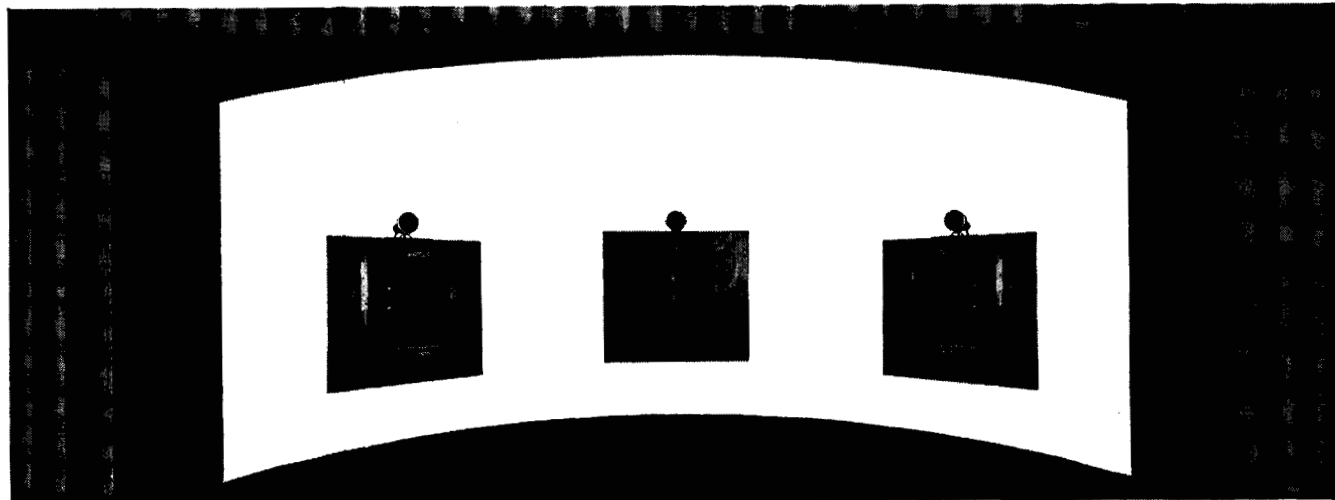
The Southwest Section held a reorganization meeting May 11 at Youngblood's Restaurant, Dallas, Tex. Thirty-seven members and guests were present. Charles Payne, General Manager, and Bob Tripp, Chief Engineer of Radio Station KIXL, gave a demonstration of Stereo-Binaural Sound. Paul Davis, who heads a development group in the Apparatus Division of Texas Instruments Corp., Dallas, spoke on "Miniaturization of Electronic Equipment by the Use of Transistors." Edwin J. Pattist, Quality Control Supervisor, Eastman Kodak Laboratories, Dallas, gave "A Projection Demonstration of Kodachrome Duplicating Film 5265, and Eastman Reversal Color Print Film 5269." Bruce Howard gave a brief summary of the history of SMPTE in the Southwest.—Roddy Keitz, c/o Keitz & Herndon, 4409 Belmont, Dallas, Tex.

The Northeastern Section met on May 15 in the Garden Lounge of Station WHAM-TV, Rochester, N.Y. Thirty-five members attended. Principal speakers were Rodger Ross of the Canadian Broadcasting Corp., Toronto, who spoke on "Black-and-White Kinescope Recording Operations at CBC," and Charles Evans, Research Lab., Eastman Kodak Co., Rochester, who spoke on "Color Kinescope Recording System Employing Embossed Film."

Mr. Ross described the CBC system which is based on feeding to the recording camera a signal which will produce a good image on film. Experience has indicated that this system of controlling the image at the source rather than by correcting in film processing and printing has produced most satisfactory TV pictures and kinescope recordings while maintaining consistent control over the whole process.

Mr. Evans told of the many interesting features of color kinescope recordings with

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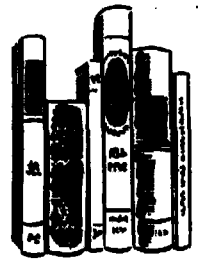
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lenticular film. The use of this type of black-and-white film for color recordings is especially desirable, he said, from the point of view of cost, film speed, and the quick and simple processing required. He described several methods of producing images on the film without the use of color filters and pointed out that copies of the kinescope recording can be produced on any suitable subtractive color film through the use of a special printer.—*George T. Negus*, Eastman Kodak Park Works, Bldg. 65, Color Technology Div., Rochester 4, N. Y.

The Northwestern Section met on May 15 at Redwood City, Calif. Approximately

150 persons were present at the dinner and 250 attended the tour through Ampex Corp. Speakers and the subjects presented were: P. L. Gundy of Ampex Corp., "General Aspects of TV Tape Recorder"; W. Goldsmith, "TV Tape Demonstration"; Russ Tinkham, "Broadcast Automation and Tape Duplicator"; Hal Hummel, "Theater Equipment"; Jim Bowles, "Data Recording Equipment"; Art Foy, "Stereo Sound Demonstration." J. G. Frayne, SMPTE President, and E. W. Templin, Chairman of the Pacific Coast Section congratulated the Northwestern Section and Ampex on TV tape accomplishment.—*R. A. Isberg*, Secretary-Treasurer, 2001 Barbara Dr., Palo Alto, Calif.



books reviewed

Fundamentals of Television Engineering

By Glenn M. Glasford. Published (1955) McGraw-Hill Book Co., 330 W. 42 St., New York 36, N.Y. 642 pp. Illus. Graphs. 6 X 9 in. Price \$12.75.

This is a textbook covering the fundamentals of television circuit and system engineering. It contains chapters devoted to components peculiar to television, like pickup tubes, which are intended to enable the reader to apply these components.

The opening chapters contain a discussion of the characteristics of the eye, a short course in colorimetry, and scanning theory. Three following chapters on electron beam scanning, image pickup tubes and picture tubes are intended to familiarize the reader with the characteristics of components used in present-day U.S.A. A chapter on pickup tubes, which gives scant attention to types used in Europe, provides a nice compact treatment of noise in input circuits.

The five following chapters are devoted to an analysis of the circuit components of the television system; that is, video amplifiers; wide band r-f amplifiers; an interesting treatment of signal circuit problems and techniques; scanning circuits; and timing.

Transient analysis is given by means of La Place transform methods. Only limited use is made of this method throughout the text, hence, those not familiar with it will not be greatly inconvenienced.


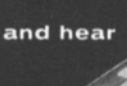
The essential components of a television system, namely, sync generators; camera and camera control; transmitters and receivers are covered in one chapter each. The treatment here is for the most part specific; that is, a circuit, or unit such as the video section of a camera control unit, or a helical transmitting antenna is illustrated and discussed. The treatment of color in these sections is sketchy. Studio distribution problems and techniques are ignored.

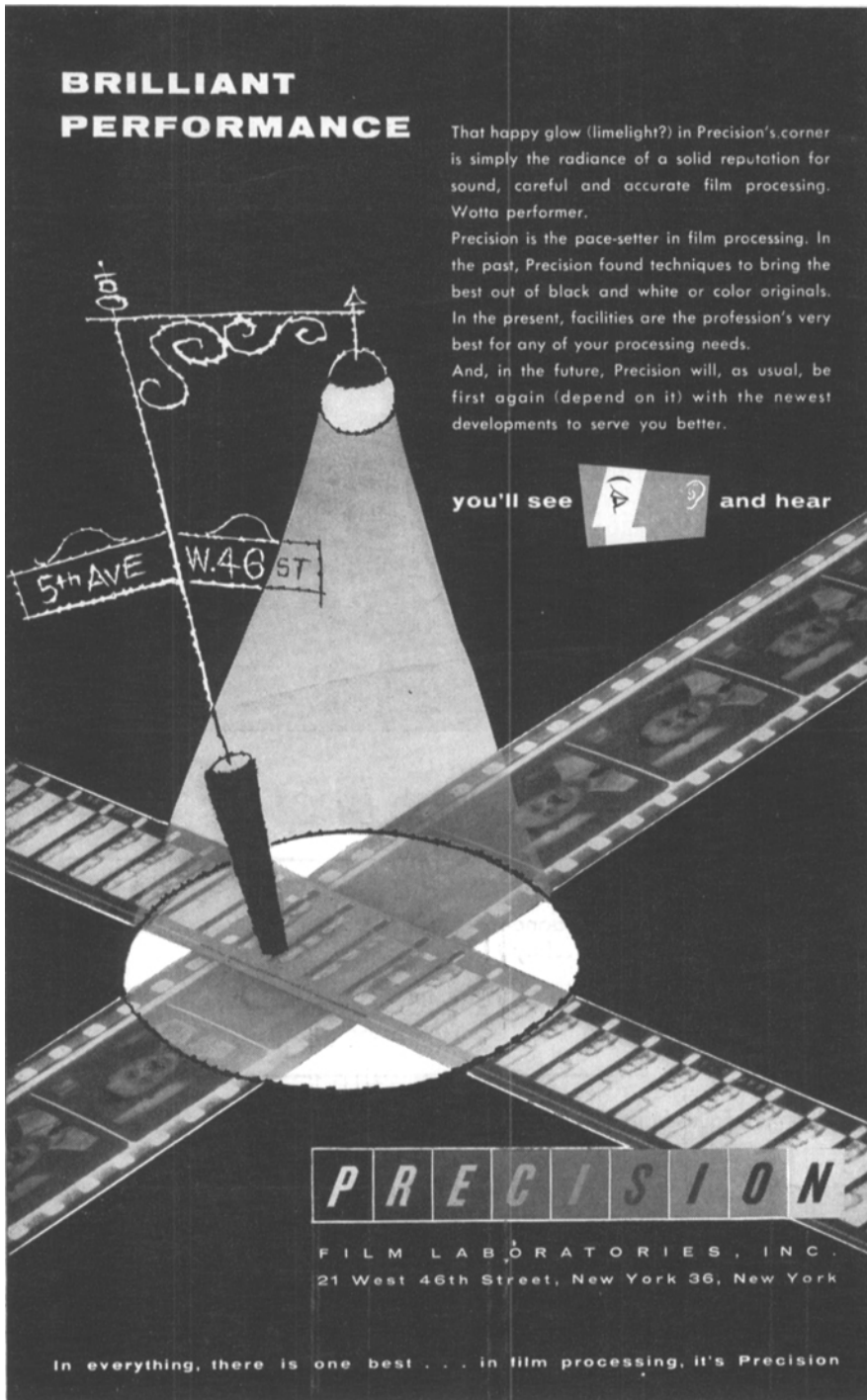
The reader who uses this book as a reference may have to dig a bit if he wishes to design, say a video amplifier from the information presented. He may feel that the treatment for d-c restorers and clamps is a bit detailed for the conclusions drawn, in comparison to the light treatment given the difficult subject of automatic frequency control. However, the book serves its primary purpose as a textbook at system level, rather than as a reference book on component design. There is a large amount of material relating to the design of television circuitry, gathered here under one cover, which will be valuable to anyone involved in system or circuit design.—*Robert V. Anderson*, General Precision Laboratory Inc., Pleasantville, N.Y.

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