

APSE

Abstracts of Photographic Science and Engineering is a new monthly publication announced by the Department of Graphics, School of Engineering and Applied Science, Columbia University, in cooperation with the Society of Photographic Scientists and Engineers. Publication is expected to begin with the March issue. Editor of the new Journal is Henry M. Lester. Editorial offices are located at 632 W. 125 St., New York 27. Columbia University's Electronic Research Laboratories are located in the same building.

Announcement of the new journal was made shortly after Eastman Kodak Co. announced suspension of publication of the *Monthly Abstract Bulletin*. The final issue (December 1961) marked the end of 46 years of publication. The announcement noted that "with the increased volume and complexity of the literature today, it appears advisable to place the responsibility for this service in the hands of a professional society or educational institution. . . ."

Anscoc, another major source of photographic abstracts, has also discontinued its abstracting service.

The new journal is expected not only to offer the same type of abstracting service previously covered by Eastman Kodak and by Anscoc, but in addition to extend considerably the range and depth of the information presented.

Mr. Lester, the new editor, has an international reputation among photographic scientists and has had about twenty-five years of experience as a publisher of books on photography.

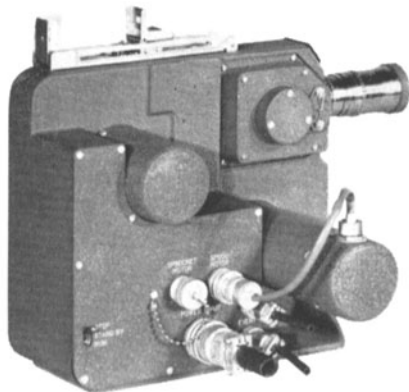
An SMPTE-sponsored, 16-session course in motion picture production, equipment and services is being held at the University of Southern California during the Spring semester. Registration is open to all interested persons and early registration is advised. Classes will be held at 7 P.M. beginning Monday, February 5. Detailed information is available from John R. Sullivan, Chairman, West Coast Subcommittee of SMPTE Education Committee, Motion Picture Film Dept., Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood, or from Herbert E. Farmer, Cinema Dept., University of Southern California.

A preliminary list of subjects and instructors includes: "Materials and processes for set construction and chemical and mechanical special effects," Herbert Meyer, Douglas Aircraft Co.; "Special visual effects — miniature, rear projection, full size, matte painting and optical," A. Arnold Gillespie, M-G-M; "Cleaning, lubrication and storage of film," Ralph Westfall, Eastman Kodak Co.; "Corrective make-up and color values," R. Gordon Rau, Warner Bros.; "The camera and related equipment," William L. Widmayer, Columbia Studios; "Lighting and power equipment," M. A. Hankins and Howard

Bell, Mole Richardson Co.; "Creative film editing," Frederick Y. Smith, Walter Lantz Co.; "The script — design, development, finalization and relation to production," Curtis L. Toberts, Aerospace Corp., and Walter Wise, independent writer-consultant; "Laboratory methods and procedures," Ted Fogelman, Consolidated Film Industries; "Methods of preparing and recording sound," Richard E. Peck, Glen Glenn Sound Equipment Co.; "Animation and titles," Sy Wexler, Sy Wexler Film Productions; "Projection equipment, projection sound, ambient light and screen brightness," Lowell H. Keeley and Charles A. Satchell, Walt Disney Productions; and "Cinematography," Leo Kuter and Ralph Woolsey, Warner Bros. Additional subjects and instructors are expected to be added before the beginning of the semester.

Credit is not given for the course but a Letter of Completion will be awarded by the University to persons who successfully complete the course.

The Inter-Society Color Council has announced its 31st Annual Meeting to be held March 12-13, 1962, at the Statler Hilton Hotel, New York. Color Problems subcommittees will meet on Monday, March 12, and a Symposium on Lighting for Color will be conducted during the afternoon of March 13 following the business meeting. Further information is available from Ralph M. Evans, Secretary, Inter-Society Color Council, Color Technology Division, Building 65, Eastman Kodak Co., Rochester 4, N.Y.



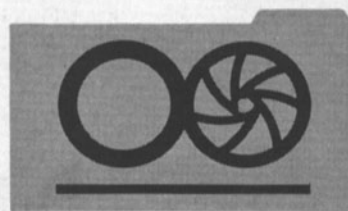
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Educational TV, introduced as an experiment in Hagerstown (Washington County, Maryland) about five years ago ("Washington County Educational Closed-Circuit Television Network, 1956-1957," by William C. Warman, and "Television in Washington County Schools, Hagerstown, Maryland," by John R. Brugger, *Journal*, Nov. 1957, pp. 677-682, inclusive) has been so successful that courses in an adult education program are planned for broadcast over the school network. An 8-session course called Management Development Institute has been announced as first of a possible series covering various subjects. Enrollment for this course was expected to be around 100, but the total enrollment was reported to be 225. With the present television facilities, the expanded enrollment did not present a problem. Other adult education courses and training programs are planned according to a report in RCA Educational TV News, Radio Corp. of America, Building 15-7, Camden 2, N.J.

The International Seminar on Instructional Television held on the campus of Purdue University, Lafayette, Ind., October 8-18, was arranged by the University in cooperation with the U.S. Office of Education, Unesco, U.S. National Commission for Unesco, International Cooperation Administrations, National Academy of Sciences, and Radio Corp. of America. During the first two days of the Seminar the program included a report from Unesco

on International Instructional Television, and the presentation of papers from various countries including Great Britain, France, Japan, Canada, Italy and the United States. The remainder of the Seminar, beginning October 11, was given over to working sessions for Seminar participants.

Purdue is the headquarters of the Midwest Program on Television Instruction, and the Seminar program included a detailed report on the project which began operations in October 1959.

A meeting of the International Congress of Motion Picture and Television Schools was held in August at the University of California, Berkeley, Calif., under the auspices of the University Film Producers Association. The main topic of discussion was that of scientific inventions which have had or may be expected to have a direct influence upon techniques of education. A number of the participating delegates emphasized the need for "human qualities" in education and the problem of finding "creative people" capable of handling "the new gadgetry as human beings" rather than "as machines handling machines." The need for creativity in education was expressed in a talk by Charles N. Hockman, UFPA President. A number of foreign delegates attended. In addition to lectures and discussions a tour of Hollywood was included as a special courtesy to overseas delegates.

Vicom, Inc., has been acquired by Elgeet Optical Co., 838 Smith St., Rochester 6,

N.Y., and will be operated as a wholly owned subsidiary, according to an announcement by David Goldstein, President of Elgeet. Fred E. Aufhauser, General Manager of Vicom, will continue as operating head of the Vicom Division, it was announced. Originally formed for the manufacture and sale of the Vicaudio 8mm projector, later sales activities included an attachment lens called the Visual Image Compensator, and other sound equipment.

The First International Assembly of the Academy of Television Arts and Sciences originally scheduled for November 4-11 in New York (p. 844, *Journal*, October 1961) has been postponed, according to information from Kenneth Leedom, Executive Director, Academy of Television Arts and Sciences, 54 W. 40 St., New York 18. Reason for the postponement is the overwhelming international response to announcement of the Assembly which has necessitated arrangements for new facilities and expansion of the agenda. As soon as the arrangements for the expanded Assembly have been accomplished the new dates will be announced.

Expansion of its Rental and Service Department, now housed in a one-story, 5000-sq ft building at 304 W. 34 St., New York, has been announced by Florman & Babb, Inc. Sales showrooms and offices are located at 68 W. 45 St., New York 36. The Rental and Service Department is supervised by Vice-President John Babb. Im-

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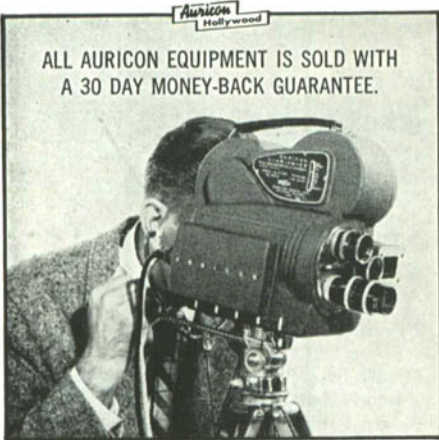
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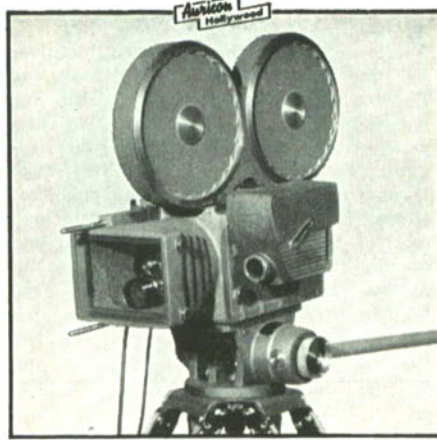
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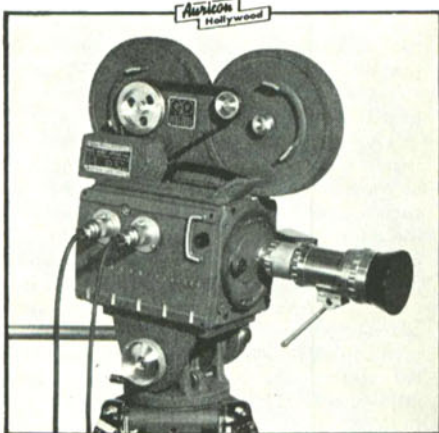
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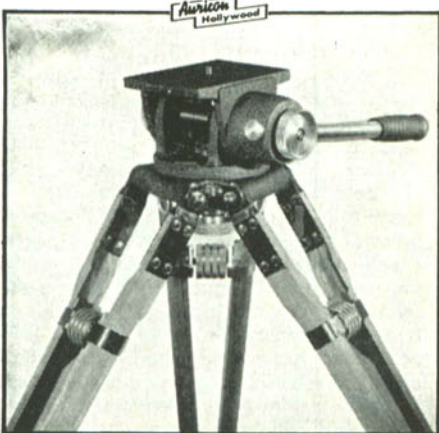
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A contract for research, development and production of 500 specially designed magnetic-optical sound projectors has been awarded Bell & Howell, 7100 McCormick Rd., Chicago 45, by the U.S. Air Force.

The projectors will be designed to play both magnetic and optical soundtracks and will also (a military "first") be capable of recording magnetic tracks on sound-stripped film.

A new office has been opened in Silver Spring, Maryland, by Traid Corp. of Encino, Calif. Head of the new office is Albert M. Uremovich. Edward D. O'Donnell, recently engaged in photographic instrumentation work for the U.S. Navy at Point Mugu, Calif., will be a staff member. Increased volume of business in the area east of the Mississippi has necessitated opening the new office, according to an announcement by Traid President, Fred G. Roberts, Jr.

books reviewed



Fernseh-Messtechnik

By Dr.-Ing. Wolfgang Dillenburger. Published (1960) by Fachverlag Schiele & Schön GmbH, Berlin SW 61, Markgrafenstrasse 11, Germany. 376 pp. 352 illus. and tables. 6½ by 9½ in. Price: DM 45.

The work is a compilation, by the director of the studio equipment development laboratory of Fernseh GmbH, of the large variety of measuring techniques that face the television engineer. The author notes that this variety is so great that a severe effort was needed to narrow the choices to fit within the confines of a book.

The treatment does cover a wide field, which starts basically with the elementary measures of voltage and current, d-c and then a-c, and of resistances, condensers and inductances. It continues on with the characteristics of images and transmission principles. Among these are all the various image transfer characteristics and their possible distortions, the evaluations of picture sharpness and resolution, geometrical distortions, interferences, and level adjustments. There is a discussion on test patterns, on the measurements of amplifier characteristics, video and carrier, phase angle and delay measurements, measurements on sweep circuits, and the testing of networks. A discussion is given of special measuring apparatus. The book closes with various concepts of light technique, color measurement, photography and optics, and television signal standards.

This is all a very ambitious project, but it is difficult to do in 376 pages. Thus the treatment, though covering many subjects, is extremely sketchy on each one. An extraordinary amount of condensation has been achieved, but the hard facts of space tell. As one example, the measurement of envelope delay covers two pages, that include two elementary block diagrams and two curves of results. Worse yet, the reader is given no clue as to how good or bad any given result would be, nor how accurately it need be obtained. Second, among the basic measurements, the great precautions that are needed in the various impedance measurements at television frequencies are hardly touched on. For a third example, all measurements on noise and interference are covered in 18 pages. Good use is made of this space, but it hardly permits an adequate development of the subject.

Two pages are given to color concepts, but the work is really strictly limited to monochrome television. The author gives

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