

International Projectionist
 vol. 25, no. 8, Aug. 1950
Projector Shutters: Design, Performance (p. 5) **L. DAVEE**
Types of Projection Shutters Now in General Use (p. 8)
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Minimizing Flicker in Projection (p. 5)
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Uniform Screen Light Distribution; Elliptical Reflector Mirrors (p. 13)
R. A. MITCHELL
Motion Picture Herald
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Technicolor Change to Reduce Costs Sharply (p. 35) **W. R. WEAVER**
Motion Picture Herald Supplement
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What About Three-Dimensions? Is It Practical? Is It Coming? (p. 63)
G. GAGLIARDI
Proceedings of the IRE
 vol. 38, no. 9, Sept. 1950
The Present Status of Color Television (p. 980)
Mixed Highs in Color Television (p. 1003) **A. V. BEDFORD**

New Members

The following have been added to the Society's rolls since the list published last month. The designations of grades are the same as those in the 1950 MEMBERSHIP DIRECTORY:

Honorary (H)	Fellow (F)	Active (M)	Associate (A)	Student (S)
		Albert, Harold R., Jr. , Production Supervisor, Motion Picture, U.S. Air Force. Mail: 16011 Manhattan Pl., Gardena, Calif. (M)		Motion Picture Distribution and Production, Shell Oil Co. Mail: 37 Poppy Lane, Hicksville, Long Island, N.Y. (M)
		Arvonio, John , Producer, Director and Sound Consultant, 750 Grand Concourse, Bronx 51, N.Y. (M)		Gunst, Margaret J. G. , Research Chemist, Denham Labs. Mail: 85 Harley St., London, England. (A)
		Braden, Hillis R. , Manager, Audio Visual and Photo Division, Hoover Bros., Inc. Mail: 1020 Oak St., Kansas City, Mo. (M)		Hamilton, Vernon P. , Motion Picture Laboratory Manager, Strickland Film Co., 220 Pharr Rd., Atlanta, Ga. (A)
		Craven, T. A. M. , Radio Consulting Engineer, Craven, Lohnes and Culver. Mail: 1242 Munsey Bldg., Washington 4, D.C. (M)		Hughes, Hovie H. , Motion Picture Producer, Edward Schumann and Associates. Mail: 118 W. Johnson St., Madison 3, Wis. (A)
		Crocker, Leslie C. , Motion Picture Photographer, American Television Productions, Inc. Mail: 24 Brookwood Dr., Maplewood, N.J. (A)		Kiel, John P. , Engineer, Producers Service Co. Mail: 6554 Blewett Ave., Van Nuys, Calif. (M)
		Dunn, Walter E. , Head, Purchasing and Maintenance, Century Theatres, 132 W. 43 St., New York 18, N.Y. (A)		Knight, Paul , Engineer, J. A. Maurer, Inc. Mail: 494 South Ocean Ave., Freeport, N.Y. (A)
		Faichney, James B. , Motion Picture Producer-Director, International Motion Picture Division, Department of State. Mail: 36 Violet Ave., Hicksville, N.Y. (M)		Kreuter, Adolph C. , Artist and Designer, Rockford Paint Manufacturing Co. Mail: 304 S. Horace Ave., Rockford, Ill. (A)
		Fuhlrott, Ruth A. , Research Chemist, Technicolor Motion Picture Corp. Mail: 8753 Dorrington Ave., Hollywood 38, Calif. (A)		McNary, James C. , Consulting Engineer, McNary and Wrathall. Mail: 906 National Press Bldg., Washington 4, D.C. (M)
		Gillette, Dale , Medical Photographer, Cedars of Lebanon Hospital. Mail: 429 N. Mariposa Ave., Los Angeles 4, Calif. (A)		Miles, John R. , Designer, John R. Miles Industrial Designs. Mail: 4821 N. Sheridan Rd., Chicago 40, Ill. (M)
		Golash, Edmund S. , Research Laboratory Assistant, Twentieth Century-Fox Film Corp. Mail: 9 Second Ave., New York, N.Y. (A)		Mills, Lt. Col. Morris H. , 4721 N. Chelsea Lane, Bethesda 14, Md. (M)
		Greene, Edward Jesse, Jr. , In Charge,		Nafzger, Lester H. , Chief Engineer, RadiOhio, Inc. Mail: 903 S. Roosevelt Ave., Columbus 9, Ohio. (A)
				O'Brien, J. F. , Theater Equipment Sales Manager, Radio Corporation of America, RCA Victor Division. Mail: 245 Crystal Lake Ave., Audubon, N.J. (M)

Pangborn, Herbert W., Engineer in Charge of Television, Columbia Broadcasting System. **Mail:** 6512 Orion St., Van Nuys, Calif. (M)

Parisier, Maurice I., Communications Expert, 1475 Broadway, New York 18, N.Y. (M)

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Romrell, Clarence, Photographic Engineer, Tru-Vue. **Mail:** 1234 Glenhurst Court, Rock Island, Ill. (M)

Rota, Luigi, Director, Sociedad Radio-technica Ecuatoriana. **Mail:** P.O. Box 414, Quito, Ecuador, South America. (A)

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Thomsen, Jack, American Television Inst. **Mail:** 6554 Stewart, Chicago, Ill. (S)

Vadillo, Frank, General Manager, Gran Bazar S.A. **Mail:** P.O. Box 160, Merida, Yucatan, Mexico. (A)

Veideman, William R., Service Manager, Photo and Sound Co. **Mail:** 3548 18 St., San Francisco 10, Calif. (M)

Viles, Frank L., Engineer, Television Broadcasting, Radio-Television of Baltimore, Inc. **Mail:** 4402 Roland Ave., Baltimore 10, Md. (A)

Warner, James G., Motion Picture Technical Adviser, Kodak Ltd., The Mall, Lahore, Pakistan, India. (A)

Warren, Dave, Salem College, Salem, W.Va. (S)

CHANGES IN GRADE

Balakrishnan, A. V., Graduate Assistant, Electrical Engineering, University of Southern California. **Mail:** 1166¹/₂ W. Adams Blvd., Los Angeles 7, Calif. (S) to (A)

Bent, William W., Field Executive, Boy Scouts of America. **Mail:** 4313 Normal Ave., Los Angeles 27, Calif. (S) to (A)

Buckner, Ralph E., 1155 N. Sycamore Ave., Hollywood 38, Calif. (S) to (A)

Horstman, Edward C., Chief Engineer, American Broadcasting Co., Inc. **Mail:** 1630 North Shore Ave., Chicago, Ill. (A) to (M)

Humphrey, John H., Senior Audio Visual Technician, University of Minnesota. **Mail:** 6634 Central N.E., Minneapolis, Minn. (S) to (M)

Johnston, Jack H., Freelance Cameraman, 810 N. Highland Ave., Hollywood 38, Calif. (S) to (A)

Nichols, Ralph M., Editor and Technical Advisor, Bob Jones University, Box 597, Greenville, S.C. (S) to (A)

Sterling, Lyn, Cinematographer, Bob Baker Productions. **Mail:** 3673 Fredonia Dr., Hollywood 28, Calif. (S) to (A)

DECEASED

Brawner, Cloyce B., c/o Mrs. Virgie Brickenridge, Tuckerman, Ark. (A)

Book Reviews

Photographic Optics, by Allen R. Greenleaf

Published (1950) by Macmillan, 60 Fifth Avenue, New York 11. 197 pp. + 2 pp. bibliography + 8 pp. appendix + 6 pp. index. 81 illus. 6 × 9 in. Price \$4.75.

The objective of this book is to supply the photographer with a knowledge of optics. The first six chapters describe the general properties of lenses and their aberrations, and also include the usual general formulas of first order optics. The history and kinds of optical glasses are then covered in 4¹/₂ pp. Image formation by small apertures receives half as much space. Lens descriptions, based on Kingslake's classification of patent literature, comprise 64 pp. and two appendixes