

Society of Motion Picture and Television Engineers
JOURNAL **VOL. 60** **APRIL 1953** **NO. 4**

Arthur C. Downes
 Chairman, Board of Editors

Editor
 Victor H. Allen

William H. Rivers
 Chairman, Papers Committee

Recommendations of the National Television System Committee for a Color Television Signal	A. V. LOUGHREN	321
Eidophor System of Theater Television	EARL I. SPONABLE	337
The Fischer Large-Screen Projection System	E. BAUMANN	344
Review of Work on Dichroic Mirrors and Their Light-Dividing Characteristics	MARY ELLEN WIDDOP	357
Television Recording — Abstract	W. D. KEMP	367
Synchro-Lite Powered 16mm Projector	R. E. PUTMAN and E. H. LEDERER	385
New Professional Television Projector	W. E. STEWART	390
High-Speed Photographic Techniques for the Study of the Welding Arc	I. L. STERN and JOHN H. FOSTER	400
Use of Photography in the Underground Explosion Test Program, 1951-1952	R. M. BLUNT	405
AMERICAN STANDARD	418	
Proposed American Standard Slides and Opaques for Film Chains (Second Draft), PH22.94.		
Constitution and Bylaws	421	
Officers of the Society	429	
FINANCIAL REPORTS	432	
Treasurer's Report; Summary of Financial Condition; Statement of Income and Expenses; Membership Report; Nonmember Subscription Report.		
SOCIETY AWARDS	435	
Journal; Progress Medal; Samuel L. Warner Memorial; David Sarnoff Gold Medal; Honorary		
Members; and Honor Roll.		
Engineering Activities	439	
Errata: Some Geometrical Conditions for Depth Effect in Motion Pictures	440	
Central Section Meeting	441	
BOOK REVIEW	442	
<i>Auditoriums</i>		
Meetings	442	
Employment Service	443	
New Products	444	
COMMITTEES OF THE SOCIETY		
Administrative	446	
Engineering	449	
Representatives to Other Organizations	452	

Subscription to nonmembers, \$12.50 a year; to members, \$6.25 a year, included in their annual membership dues, single copies, \$1.50. Order from the Society's General Office. A 10% discount is allowed to accredited agencies on orders for subscriptions and single copies. Published monthly at Easton, Pa., by the Society of Motion Picture and Television Engineers, Inc. Publication Office, 20th & Northampton Sts., Easton, Pa. General and Editorial Office, 40 West 40th St., New York 18, N.Y. Entered as second-class matter January 15, 1930, at the Post Office at Easton, Pa., under the Act of March 3, 1879. Copyright, 1953, by the Society of Motion Picture and Television Engineers, Inc. Permission to republish material must be obtained in writing from the General Office of the Society. The Society is not responsible for statements of contributors.