

JOURNAL

OF THE SOCIETY OF

MOTION PICTURE ENGINEERS

Volume XXXIII

October, 1939

CONTENTS

	<i>Page</i>
Carbons for Transparency Process Projection in Motion Picture Studios D. B. JOY, W. W. LOZIER, AND M. R. NULL	353
Recent Improvements in Carbons for Motion Picture Studio Arc Lighting	
D. B. JOY, W. W. LOZIER, AND R. J. ZAVESKY	374
A New Mobile Film-Recording System	
B. KREUZER AND C. L. LOOTENS	382
Use of an A-C Polarized Photoelectric Cell for Light-Valve Bias Current Determination C. R. DAILY	394
A Densitometric Method of Checking the Quality of Variable-Area Prints C. R. DAILY AND I. M. CHAMBERS	398
A Direct-Reading Photoelectric Densitometer . . . D. R. WHITE	403
Acoustic Condition Factors M. RETTINGER	410
Controlled Sound Reflection in Review Rooms, Theaters, Etc.	
C. M. MUGLER	421
The Status of Lens Making in America W. B. RAYTON	426
Motion Pictures in Education A. SHAPIRO	434
Screen Color W. C. HARCUS	444
New Motion Picture Apparatus	
A Light-Weight Sound Recording System	
F. L. HOPPER, E. C. MANDERFELD, AND R. R. SCOVILLE	449
Current Literature	458
1939 Fall Convention at New York, N. Y., October 16th-19th, Inclusive	461
Abstracts of Convention Papers	465