

# JOURNAL

OF THE SOCIETY OF

## MOTION PICTURE ENGINEERS

---

Volume XXVIII

APRIL, 1937

Number 4

---

### CONTENTS

|   | <i>Page</i> |
|---|-------------|
| A Review of the Quest for Constant Speed . . . E. W. KELLOGG                                      | 337         |
| The Effect of Aberrations upon Image Quality . . . . .<br>. . . . . W. B. RAYTON AND A. A. COOK   | 377         |
| The Analysis and Specification of Color . . . . . K. S. GIBSON                                    | 388         |
| Direct Recording and Reproducing Materials for Disk Recording . . . . .<br>. . . . . A. C. KELLER | 411         |
| New Motion Picture Apparatus:<br>Three-Wire D-C. Supply for Projection Arcs . . . C. C. DASH      | 427         |
| Committees of the Society . . . . .   | 431         |
| Spring, 1937, Convention; Hollywood, Calif., May 24th-28th,<br>Inclusive . . . . .                | 436         |
| Society Announcements . . . . .   | 441         |