JOURNAL OF THE

SMPTE

ENGINEERING • SCIENCE • TECHNOLOGY
FOR MOTION PICTURES • TELEVISION • INSTRUMENTATION • HIGH-SPEED PHOTOGRAPHY

699 The Future of Film Production • *Gerald G. Graham*

702 Automated Television Waveform Measurement by Use of a Digital Computer • *G. A. McKenzie*

708 High-Order Line Interlace in Television Rasters • *Edward M. Cherry*

711 Combined Line and Dot Interlace in Television Rasters • *Edward M. Cherry*

719 Color Television Film Recording From a Trinoscope • *K. G. Lisk and C. H. Evans*

722 A New Method for Cyclorama Lighting • *William E. Glenn and Salvatore J. Bonsignore*

725 A New Daylight Light Source • *Werner Block, Michael J. McGovern and Thomas M. Lemons*

729 Two- and Three-Channel Stereophonic Photographic Soundtracks for Theaters and Television • *Ronald E. Uhlig*

733 A High-Speed Interlock System for Re-Recording • *Lewis A. Briel and Robert S. Dickinson*

737 A New Photometer for Measuring Screen Brightness • *Richard A. Walker and James K. Branch*

741 An Airborne Video/Motion-Picture Surveillance System • *George D. Wood*

743 American National Standards and International Standards
Approved American National Standards: PH22.73-1974, Dimensions for 35mm Motion-Picture Film Perforated 32mm, 2R; PH22.109-1974, Dimensions for 16mm Motion-Picture Film Perforated 1R; PH22.110-1974, Dimensions for 16mm Motion-Picture Film Perforated 2R. International Standards: ISO 486-1974(E) Cinematography — 16mm Motion-Picture Film Perforated 8mm Type R — Cutting and Perforating Dimensions; ISO 491-1974(E) Cinematography — 35mm Motion-Picture Film — Cutting and Perforating Dimensions.

750–828 Contents on inside back cover

751 116th SMPTE Technical Conference Program and Exhibit Directory

volume 83 • number 9 **SEPTEMBER 1974**

Conference Preview Issue

TORONTO

116th Technical Conference
& Equipment Exhibit
10-15 November 1974