

SMPTE Journal

Engineering • Science • Technology • For Motion Pictures • Television • Instrumentation • High-Speed Photography

TECHNICAL ARTICLES

- 141 PCM NTSC Television Characteristics • *A. A. Goldberg*
- 146 Digital Time-Base Correction for Video Signal Processing •
David E. Acker and Richard H. McLean
- 150 Report of the SMPTE Digital Television Study Group • *Charles P. Ginsburg*
- 154 Microbiological Growths in Motion-Picture Processing • *Margaret W. Beach*
- 159 Some Comments on the Design of Large-Screen Motion-Picture Theaters
• *Will Szabo*
- 164 Acoustic Response Measurements and Standards for Motion-Picture Theaters
• *Erik Rasmussen*

STANDARDS & RECOMMENDED PRACTICES

- 169 *Approved American National Standards: C98.14-1975, Dimensions of Plastic Reels for 1/2-inch (12.7 mm) Video Magnetic Tape; PH22.11-1975, Dimensions for 16-mm Motion-Picture Projection Reels (200- to 2300-ft [60- to 700-m] Capacity); PH22.55-1975, Leaders and Cue Marks for 35- and 16-mm Sound Motion-Picture Release Prints; PH22.41-1975, Dimensions of Photographic Sound Records on 16-mm Motion-Picture Prints; PH22.75-1975, Designation of A and B Windings for Motion-Picture Raw Stock; and PH22.80-1975, Specifications for Scanning-Beam Uniformity Test Film for 16-mm Motion-Picture Sound Reproducers*

REPORT

Report of the Voluntary Capital Funds Campaign, *Inside Back Cover*

NEWS & DEPARTMENTS

- Industry News & Educational Activities, 179
Section Meetings, 182
Forthcoming Professional Meetings, 187
Calendar, 188
New Products & Developments, 191
Index of Advertisers, 193

VOLUME 85 • NUMBER 3



118th SMPTE Technical Conference
New York City • 17-22 October

MARCH 1976