

# SMPTE Journal<sup>®</sup>

Published by the Society of Motion Picture and Television Engineers, Inc.

VOLUME 100

NUMBER 12

DECEMBER 1991

## SPECIAL CONFERENCE WRAP-UP ISSUE

### ARTICLES

---

Proposal for Error Detection and Handling in Studio Equipment  
*Bob Elkind and David Fibush*

---

Multistage Distribution Switching Systems: Clos and Beyond  
*Marc S. Walker*

---

Design Considerations for Digital Television Studios: The Transition Phase  
*Michael M. Guess*

---

HDTV and NTSC Transmission Using Direct Digital Synthesis  
*Robert J. Zavrel, Jr.*

---

Creating Filmless Motion-Picture Mattes on the LaserMatte System  
*Craig Witty*

---

Some Problems in Directing Color Pictures (SMPTE Classic Reprint)  
*Rouben Mamoulian*

### SMPTE REPORTS

---

Special Report on 133rd SMPTE Technical Conference and Equipment Exhibit

---

SMPTE Holds Annual Elections

---

Report on Rochester, Montreal/Quebec, Ottawa, and Toronto Sections Mini-Conference

---

The 26th Annual SMPTE Advanced Television and Electronic Imaging Conference

---

SMPTE NEWS AND DEPARTMENTS • STANDARDS AND RECOMMENDED PRACTICES

### ANNUAL INDEX

---

