

SMPTE PUBLICATIONS

Society of Motion Picture and Television Engineers, 595 W. Hartsdale Ave., White Plains, N.Y. 10607

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ITU/SMPTE Tutorial: Digital Terrestrial Television Broadcasting (DTTB)

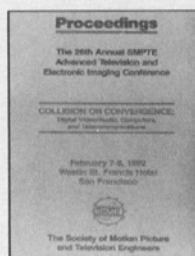
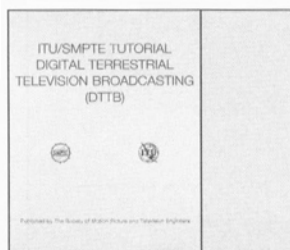
Published 1994, edited by Stanley N. Baron. The development of new terrestrial television broadcasting services using digital techniques has become a subject of considerable importance to many administrations participating in ITU activities. As key contributors to the rapid development of technology in this important area, the ITU and the SMPTE have jointly sponsored this tutorial workshop on the subject of digital terrestrial television broadcasting (DTTB) in October 1993.

160 pp. 8 1/2 x 11 Softbound

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ISBN 0-940690-24-1



Proceedings: The 26th Annual SMPTE Advanced Television and Electronic Imaging Conference

Published 1992. A collection of papers submitted for the conference held in San Francisco, February 7-8, 1992, on the theme of "Collision or Convergence: Digital Video/Audio, Computers, and Telecommunications." Brings together authors from diverse areas to explore current developments and discuss the future integration and interconnection of the digital technologies of audio, video, and computers.

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Proceedings: The SMPTE Advanced Television and Electronic Imaging Conference

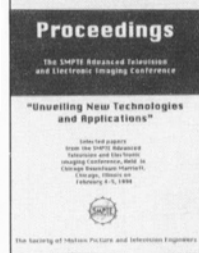
Published 1994. A collection of papers submitted for this conference held in Chicago, February 4-5, 1994, on the theme of "Unveiling New Technologies and Applications." Designed to appeal to engineering, operations, and technical management personnel, the collection and presents advancements in technologies traditionally addressed by SMPTE as well as some of those in related communication industries.

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A Television Continuum — 1967-2017

Published 1991. A *Television Continuum—1967-2017* marks both SMPTE's 75th anniversary and its 25th Annual Television Conference. As the title suggests, the idea was to return to the time when the first SMPTE TV conference was held to see what were the established technologies, then trace the progress of those and still newer technologies through the present and into the future. The papers, all presented at this milestone television conference, held in Detroit on February 1-2, 1991, are by established experts in their fields.

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Advanced Television and Electronic Imaging for Film and Video

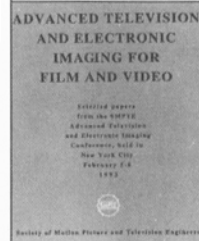
Published 1993. This collection of papers, presented during the 1993 Advanced Television and Electronic Imaging Conference held in New York City, February 5-6, 1993, examines the most recent developments in advanced imaging, focusing on the motion-picture and television arts and sciences, as well as the exciting new areas of digitization and computer imaging. The papers, which cover new concepts and technologies in image making, were presented by major manufacturers, suppliers, and users of media and hardware.

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ISBN 0-940690-21-7



Television Merging Multiple Technologies

Published 1990. Television technology has reached a point where present traditional technology is faced with the nontraditional technology of the future. This book focuses on merging these two. *Television — Merging Multiple Technologies* is composed of papers presented at the 24th Annual Television Conference, held January 26-27, 1990, in Lake Buena Vista, Fla. It contains the most up-to-date information on the future of television technology.

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Better Video Images

Published 1989. Television technologies are at a turning point that will determine the direction of the industry for the next several decades. SMPTE's *Better Video Images* addresses many proposed HDTV production and broadcast standards in addition to proposed changes to existing NTSC, PAL, and SECAM. All papers appearing in this book were presented at the 23rd Annual SMPTE Television Conference, held in San Francisco, Calif., February 3-4, 1989, by highly respected authors on subjects of great interest.

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ISBN 0-940690-15-2

4:2:2 Digital Video Background and Implementation

Published 1989. The 1980s produced a worldwide effort to develop standards for component digital video. In *Digital Video*, SMPTE concentrates on the development of the international component coding standard from its demonstrations presented in San Francisco, Calif., in February 1981, to its current status. The implementation of the standard, including maintenance problems and the development of facilities, is addressed. Finally, the future developments of component digital video are explored.

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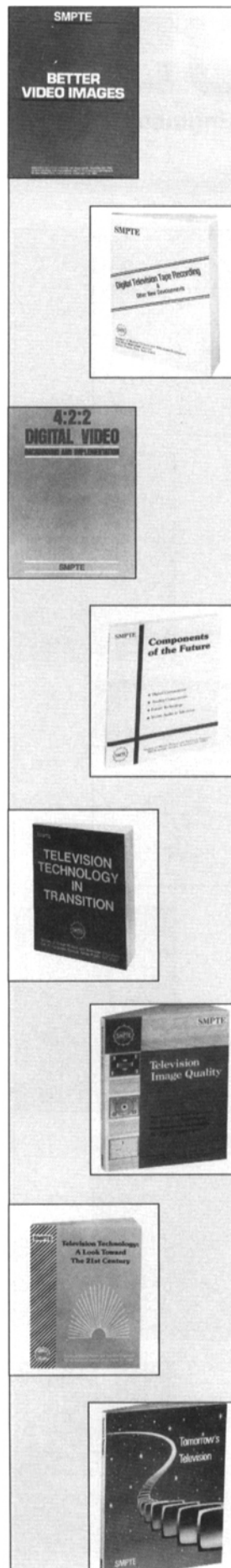
Television Technology in Transition

Published 1988. Television technology is continuing to change rapidly as new equipment, techniques, and applications come into being. This book addresses these changes in the categories of Formats, Distribution and Processing, Planning and Maintaining Systems, and Post-Production.

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Television Technology: A Look Toward The 21st Century

Published 1987. Offers a glimpse at the future of advanced television technology. Deals with a global overview of the future of television research; the impact of that research on major broadcasters and how it will affect their operations between now and the year 2000;



and an updating of two technologies (computer-assisted graphics and VTR formats).
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Digital Television Tape Recording and Other New Developments

Published 1986. A group of papers, describing the SMPTE Type D-1 digital television tape recorder predominates. Also included are D-1 DTTR standards. In addition to the material on digital television tape recording, there are papers on television audio technology, television post-production techniques, and developments in video recording.

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Components of the Future

Published 1985. Describes Digital Components, Analog Components, Future Technology, and Stereo Audio in Television. Includes transcript of panel discussion.

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Television Image Quality

Published 1984. Brings you accurate information on an important subject. The book is organized into four subject areas: Basic Concepts and Perspectives, New Recording Technologies, New Distribution Technologies, and New Display Technologies.

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Tomorrow's Television

Published 1982. Focuses on four major topics: New Television Technologies, Multi-Channel Television Audio, Digital Control of Television Equipment, and High-Definition Television Systems.

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Television Technology in the 80's

Published 1981. Delves into almost every area of television's developing technologies: Digital Video Recordings, Digital Techniques, The All-Digital Studio, New Camera Technology, and High-Definition Television.

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None

Digital Video — Volume 3

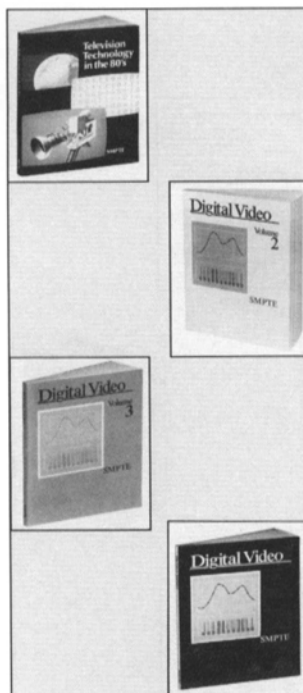
Published 1980. SMPTE's book on digital television. Subjects covered are The All-Digital TV Plant, Digital Signal Processing, Digital Transmission and Testing, and Digital Recording.

232 pp. 8 1/2 x 11 Softbound

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ISBN 0-940690-04-7



Digital Video — Volume 2

Published 1979. Covers almost every aspect of digital technology, including Teletext, Digital Special Effects, Computer Animation, and Digital Video Recording. Includes a transcript of discussion.

164 pp. 8 1/2 x 11 Softbound

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ISBN 0-940690-03-9

Digital Video — Volume 1

Published 1977. Landmark volume on digital video provides the basic information on digital technology, a glossary of digital video terms, and a bibliography.

120 pp. 8 1/2 x 11 Softbound

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ISBN 0-940690-02-0

Motion-Picture Books

Motion-Picture Projection and Theatre Presentation Manual

Published 1969. This manual details operation information for projectionists and theater personnel in a concise and convenient form. It is used as a guide to good motion-picture presentation in the theater. There are chapters on such subjects as projection rooms, good projection rules, measuring instruments, projectors, maintenance and repair, performance testing, projection lenses, and sound systems.

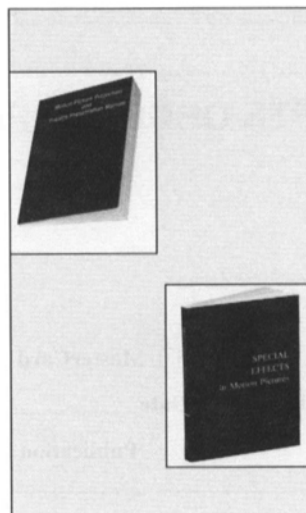
1969 edition; fourth printing, 1988

166 pp. Illus. Paperbound

Member Price: \$12.00

Nonmember Price: \$15.00

ISBN 0-940690-01-2



Special Effects in Motion Pictures: Some Methods for Producing Mechanical Special Effects

Published 1966. By Frank P. Clark, with SMPTE Advisory Committee. A definitive guidebook to miniatures, props, pyrotechnics, and other mechanical special effects. It covers techniques, equipment, and many tricks of the trade. Richly illustrated. A classic in its field.

1966 edition; fourth printing, 1988

238 pp. Illus. Paperbound

Index, Appendix

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ISBN 0-940690-00-4

SMPTE Journal

The *SMPTE Journal* is published monthly by the Society of Motion Picture and Television Engineers. All members receive the *Journal*. Subscriptions to the *Journal* are available to nonmembers.

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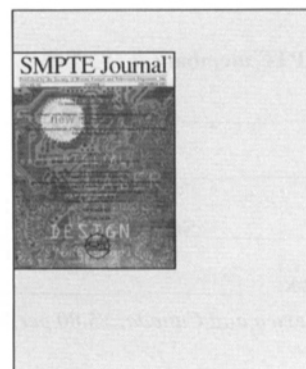
Within U.S.: \$75.00, Outside U.S.: \$75.00 +

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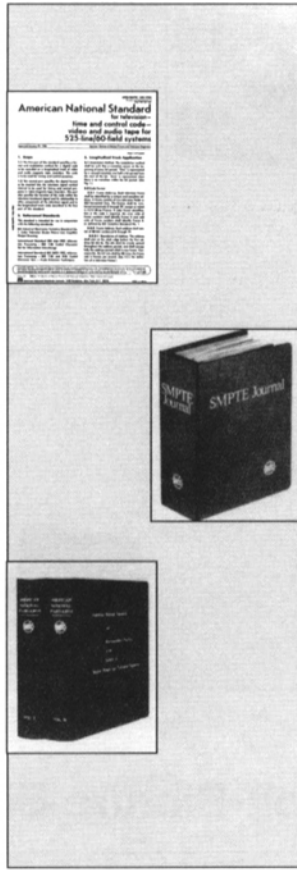
Standards

Standards, Recommended Practices, and Engineering Guidelines

Individual copies of SMPTE-approved Standards, Recommended Practices, and Engineering Guidelines are available from the Society. For a free subject and price list of these individual documents, please contact the Standards Department at SMPTE Headquarters.

Document Sets and Standards Subscription Service

Full sets of all approved SMPTE Standards, Recommended Practices, and Engineering Guidelines, in loose-leaf binders, are available for television only, motion pictures only, or combined. The price of these sets depends on the number of documents currently in effect, and is discounted from the individual document prices. In addition, the Society offers a yearly subscription service which provides all Standards, Recommended Practices, and Engineering Guidelines approved during the year. Pricing and ordering information for full sets of documents and the Subscription Service is available from the Standards Department.



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