

Books, Booklets, Brochures

An Introduction to Video Measurement by Peter Hodges defines video measurement as "making sure the picture fits the system, or that the system can handle the picture." Among the topics covered are circuits and signals, time and complex signals, measuring video signals, adding color, the single camera, the studio, videotape, distortions and test signals, and alternate measurement methods. A glossary is also included in the 192-page paperback available from Focal Press, 313 Washington St., Newton, MA 02158-1626, <http://www.bh.com/bh/fp>.

Lighting Technology: A Guide for the Entertainment Industry by Brian Fitt and Joe Thornley is a comprehensive guide to the basic theory and practice of lighting. Formerly called *Lighting and Design*, the book has been completely revised to include the latest advances in lighting technology, additional information on lighting theory, up-to-date information on European safety legislation, and greater detail on the control of light. The book also features a new layout to make information easier to access. The book is 480 pages and is available from Focal Press, 313 Washington St., Newton, MA 02158-1626, <http://www.bh.com/bh/fp>.

Principles of Digital Audio and Video has been released by Artech House, Inc.,

685 Canton St., Norwood, MA 02062, e-mail: artech@world.std.com. This comprehensive book provides practicing and future system engineers with a firm ground in digital technology, focusing on digital audio and video in particular, and showing how it applies to all fields. Written by Arch Luther, a recognized authority on audio/video engineering technology, the book outlines the underlying principles and practical applications of digital A/V.

Schneider Optics has announced a 16-page brochure presenting the company's line of Schneider B+W professional motion picture and video camera filters, made with crystal clear, water-white optical glass. In addition to illustrating the full line of filters and providing complete specifications, this brochure shows examples of results that can be achieved using these filters and provides insight into many aspects of filter design, manufacturing, applications, and use. The brochure is available from Schneider Optics, Inc., 285 Oser Ave., Hauppauge, NY 11788, e-mail: info@schneideroptics.com, Internet: <http://www.schneideroptics.com>.

The Molex 970 full-line catalog offers technical information on the more than 50,000 Molex products that are available. The 1,296-page catalog contains many new listings and incorporates many useful, practical solutions to help make it more user-

friendly. New features include a standard page format for uniform, easy-to-find product information and standardized product drawings and phone numbers on each divider page for quick access to additional product information. The catalog is available through Molex, Inc., 2222 Wellington Ct., Lisle, IL 60532, Internet: <http://www.molex.com>.

The 1997 IC Master CD-ROM for Windows has been redesigned and is available from Hearst Business Publishing, 645 Stewart Ave., Garden City, NY 11530. The CD-ROM contains specifications on 125,000 integrated circuits with pinout and package data on over 85,000 devices. A totally redesigned interface and a more flexible search engine offers users a wide range of new features, including "true" parametric search by organization, voltage, and access time; flexible search results display, including multiple sorts, freeze columns, and change order of fields; a compare function, offering side-by-side comparison of devices selected; Internet access, allowing the user to go to the manufacturers' home pages with a click of the mouse; and a search on package styles. The 1997 IC Master CD-ROM serial number gives subscribers exclusive access to the IC Master Web site at <http://icmaster.com> for updated advice and manufacturer data as it is added throughout the subscription year.

Obituaries

Lawrence W. Lockwood has passed away at the age of 72. When he joined the Society in 1963, he was a senior design and development engineer and an area representative for the Chrysler Space Division, Huntsville, Ala.; he later went on to become principal engineer for the Houston Aerospace Division at Lockheed Electronics Co., senior systems engineer at General Electric Co., and then returned to Lockheed Electronics Co. to become senior staff engineer. Prior to joining Chrysler, Lockwood served as technical director at NBC, where he was one of two engineers responsible for the design, subcontracting, supervision of installation, testing, and turnover of all of NBC's Hollywood television installations in 1948.

Rudolf Challis Bretz, a pioneer in the fields of commercial, public, and instructional television, and an internationally renowned consultant on media for communication, died June 1, 1997, in Los

Angeles, Calif., at the age of 82. Bretz was the first television cameraman hired by CBS-TV in New York City, during the experimental days of 1939. He did many production jobs at the station, including director, producer, studio manager, control room engineer, news cameraman, and editor. He even drew the first weather maps and painted the first scenery. He was active in the launching of several early educational and public television stations, including KCET-Los Angeles, WQED-Pittsburgh, WBIQ-Birmingham, and the Alabama ETV Network. He was also a consultant in the establishment of religious broadcasting. His television production inventions include the Bretzicon, the Bretzbox, and the Bretzscope.

Bretz trained TV personnel throughout the U.S. and in Canada, Australia, Europe, South America, and in Southeast Asia; these projects were often sponsored by the U.S. Department of State and Unesco. He taught workshops, extension courses, and

regular curricula in more than 20 colleges and universities. During his years at UCLA, he served in various capacities, including a period as director of television instruction in the Theater Arts Department.

Bretz was author or co-author of eight books, including *The Television Program: Its Production and Direction* (with E. Stasheff) and *Techniques of Television Production*. Both, for many years, were the primary textbooks in teaching television production. He also illustrated several books, including *Producing the Play* by John Gassner and *The New Scenes Technician's Handbook* by Philip Barber.

Other positions held by Bretz during the course of his career include senior researcher at the Rand Corp., vice-president of the National Education Sciences Corp., and executive vice-president of Bedacom Co., Inc. At the time of his death, he was at work on his ninth book. He had been a member of SMPTE since 1946.