

# IEEE publications bulletin

This Bulletin is the official announcement vehicle for IEEE publications, and information and educational services. Its purpose is to list as they become available all conference records, standards, special issues of Transactions and Journals, and other nonperiodic publications that may be purchased from IEEE Service Center.

## Conference Publications

The publications listed below have become available since the last issue of this bulletin and, except as noted, were sent automatically to present subscribers to the appropriate option of the IEEE Open Order Plan Subscription (OOPS). For completeness, the listing includes special issues or sections of IEEE periodicals that are devoted to IEEE conferences, as well as Conference Publications in the strict sense. Out-of-stock items may be found in the Engineering Societies Library in New York City and in all libraries that subscribe to OOPS.

**Adaptive Processes Symposium, 14th**, Houston, TX, 1975 see Decision and Control Conference

**Automotive Electronics and Electric Vehicles, International Conference on**, held Sep 20-22, 1976 in Dearborn, MI; sponsored by IEEE VT. *Proceedings* lv. (Approx. 124p.) \$20.00 76 CH11460

**Coal Mine Electrotechnology, 3rd West Virginia University (WVU) Conference on**, held Aug 4-6, 1976 in Morgantown, WV; sponsored by IEEE IA, West Virginia University, et al. *Proceedings* lv. (Approx. 372p.) \$20.00 76 CH11130

**Computer Arithmetic, 3rd Symposium on**, held Nov 19-20, 1975 in Dallas, TX; sponsored by IEEE C. *Conf. Record* 249p. \$20.00 75 CH10173

**Computers in Cardiology**, held Oct 2-4, 1975 in Rotterdam, The Netherlands; sponsored by IEEE C, et al. *Proceedings* 286p. \$20.00 75 CH10181

**Consumer Electronics, 17th Chicago Spring Conference on**, held Jun 7-8, 1976 in Chicago, IL; sponsored by IEEE BCCE. *IEEE Transactions on Consumer Electronics* Vol. CE-22 No. 3 and 4 Aug 1976 and Nov 1976 \$10.00 each JH33977 and JH36400 (Not distributed under OOPS)

**Decision and Control, 6th IEEE Conference on**, including the 14th Symposium on Adaptive Processes, held Dec 10-12, 1975 in Houston, TX; sponsored by IEEE CS. *Proceedings* 880p. \$32.00 75 CH10165

**Device Research Conference**, (formerly Solid-State Device Research Conference) held Jun 21-23, 1976 in Salt Lake City, UT; sponsored by IEEE ED. Abstracts (p. 1247-1265) in *IEEE Transactions on Electron Devices* Vol. ED-23 No. 11 Nov 1976 \$10.00 JH34363 (Not distributed under OOPS)

**Energy Conversion Engineering Conference, 11th Intersociety**, held Sep 12-17, 1976 in State Line, NV; sponsored by AIChE, ANS, IEEE et al. *Proceedings* 2v. 1802p. + 209p. of Abstracts of 1973-1976 Conference papers. LC 76-42168 \$90.00 76 CH11163

**Frontiers in Education Conference, 5th**, held Oct 20-22, 1975 in Atlanta, GA; sponsored by IEEE E and ASEE. *Proceedings* 423p. LC 74-82573 \$25.00 75 CH10066

**IEEE Region V Conference, 1976**, held Apr 14-16, 1976 in Austin, TX; sponsored by Region 5. *Digest—Electrical Engineering for This Decade*. 348p. LC 72-87449 \$25.00 76 CH10686

**IEEE Region Six (Western USA) Conference, 1976**, held Apr 7-9, 1976 in Tucson, AZ; sponsored by IEEE Region 6 and IEEE Tucson and Fort Huachuca Sections. *Conf. Record—Energy for the Future*. 212p. LC 72-92043 \$20.00 76 CH10629

**Laser and Electrooptical Systems, Conference on**, held May 25-27, 1976 in San Diego, CA; sponsored by IEEE QE and OSA. *Digest* 96p. \$13.25 76 CH10611

**Magnetic Desulfurization of Coal Symposium**, held Mar 23-25, 1976 in Auburn, AL; sponsored by Auburn University and Southern Services, Inc. *Proceedings in IEEE Transactions on Magnetics* Vol. MAG-12 No. 5 Sep 1976 p. 423-551 \$10.00 JH34785 (Not distributed under OOPS)

**Magnetism and Magnetic Materials, 22nd Conference (MMM) and 21st International Magnetics Conference (INTERMAG)** held as 1st Joint MMM-INTERMAG Conference, Jun 15-18, 1976 in Pittsburgh, PA; sponsored by IEEE MAG and Ameri-

can Institute of Physics. *Proceedings* published in two volumes: INTERMAG papers in *IEEE Transactions on Magnetics* VOL. MAG-12 No. 6 Nov 1976 472p. \$22.00 JH34793 (Not distributed under OOPS). MMM papers in *AIP Conference Proceedings* No. 34. Order directly from AIP.

**Multiple-Valued Logic, 6th International Symposium on**, held May 25-28, 1976 in Logan, UT; sponsored by IEEE C, ACM, Utah State University and US ONR. *Proceedings* 272p. \$20.00 76 CH11114

**Nuclear and Space Radiation Effects, 13th IEEE Conference on**, held Jul 27-30, 1976 in San Diego, CA; sponsored by IEEE NPSS, US DNA and University of Calif. at San Diego. *IEEE Transactions on Nuclear Science* Vol. NS-23 No. 6 Dec 1976 564p. + 30p. of regular contributions including 1976 Index. \$20.00 JH35014 (Not distributed under OOPS)

**Oceans '76, 2nd Joint Ocean Conference of Marine Technology Society and the IEEE Council on Oceanic Engineering**, held Sep 13-15, 1976 in Washington, DC; sponsored by IEEE OEC, IEEE Washington Section and MTS. *Conf. Record* lv. (Approx. 600p.) LC 74-76790 \$33.00 76 CH11189

**Optical Computing Conference, 3rd International**, held Aug 31-Sep 2, 1976 in Capri, Italy; sponsored by IEEE C and SPIE. *Digest of Papers* 150p. \$16.00 76 CH11007

**Parallel Processing, 1976 International Conference on**, held Aug 24-27, 1976 in Waldenwoods, MI; sponsored by IEEE C and Wayne State University. *Proceedings* 328p. \$20.00 76 CH11270

**Photovoltaic Specialists Conference, 11th IEEE**, held May 6-8, 1975 in Scottsdale, AZ; sponsored by IEEE ED. *Conf. Record* 519p. \$30.00 75 CH09480

**Power Engineering Society Summer Meeting, IEEE 1976**, held Jul 18-23, 1976 in Portland, OR; sponsored by IEEE PE. *Conf. Record* lv. (Approx. 700p.) \$36.00 76 CH11353 Individual preprints are available, \$2.00 each, write for list of titles.

**Reliability Physics 1976, 14th Symposium**, held Apr 20-22, 1976 in Las Vegas, NV; sponsored by IEEE ED and IEEE R. *Proceedings* 309p. LC 76-180194 \$16.00 76 CH10728

**Solid-State Device Research Conference** see Device Research Conference

**System Theory, 8th Southeastern Symposium on**, held Apr 26-27, 1976 in Knoxville, TN; sponsored by IEEE C and University of Tennessee. *Proceedings* 340p. \$20.00 76 CH10934

**Thermoelectric Energy Conversion, 1976 International Conference on**, held Sep 1-3, 1976 in Arlington, TX; sponsored by IEEE Region 5, Fort Worth Section and University of Texas-Arlington. *Proceedings* 187p. \$20.00 76 CH11569

## Special Issues

The special issues listed below have become available since the last issue of this Bulletin. Special issues devoted entirely to conferences are listed in the Conference Publications section.

**Analog Circuits; IEEE Journal of Solid-State Circuits** Vol. SC-11 No. 6 Dec 1976 \$10.00 JH35428

**Electromagnetic Probing in Solid Earth Geophysics; IEEE Transactions on Geoscience Electronics** Vol. GE-14 No. 4 Oct 1976 \$10.00 JH34538

**Emergency Medical Services Communications; IEEE Transactions on Vehicular Technology** Vol. VT-25 No. 4 Nov 1976 \$10.00 JH35626



**Inaugural Issue; IEEE Transactions on Cable Television** Vol. CATV-1 No. 1 Oct 1976 *The IEEE Transactions on Cable Television* is a new quarterly publication; it is a perfect complement to the *IEEE Transactions on Broadcasting* and *IEEE Transactions on Consumer Electronics*. CATV includes significant technical papers on all aspects of cable television engineering. \$10.00 Request by title.

**Millimeter Waves: Circuits, Components, and Systems; IEEE Transactions on Microwave Theory and Techniques** Vol. MTT-24 No. 11 Nov 1976 \$10.00 **JH34942**

**Nondestructive Evaluation; IEEE Transactions on Sonics and Ultrasonics** Vol. SU-23 No. 5 Sep 1976 \$10.00 **JH36475**

**Semiconductor Memory and Logic; IEEE Journal of Solid-State Circuits** Vol. SC-11 No. 5 Oct 1976 \$10.00 **JH35410**

**Two Centuries in Retrospect; Proceedings of the IEEE** Vol. 64 No. 9 Sep 1976 \$10.00 **JH31732**

## IEEE Standards

**IEEE Std 80-1976** *Guide for Safety in [AC] Substation Grounding*; June 30, 1976. 76p. \$10.00 **SH06098**

**IEEE Std 113A-1976** (Supplement to IEEE Std 113-1973) *Test Code for Direct-Current Machine*; July 27, 1976. 1p. No Charge **SH06395**

**IEEE Std 128-1976** *Guide for Aircraft Electric Systems*; (Revision and consolidation of IEEE Stds 128-1960-131-1960) March 22, 1976. 109p. \$9.95 **SH06072**

**IEEE Std 141-1976** *Recommended Practice for Electric Power Distribution for Industrial Plants* (IEEE Red Book). 5th Ed. 388p. \$19.95 **ISBN 0-471-02686-7 LC 76-42860 SH06247**

**IEEE Std 430-1976** *Standard Procedures for the Measurement of Radio Noise from Overhead Power Lines*; Sep 3, 1976. 12p. \$4.00 **SH06130**

**IEEE Std 595-1976** *Standard Serial Highway Interface System* (CAMAC-Computer Automated Measurement and Control); Sept 9, 1976. 83p. \$10.00 **SH06197**

**IEEE Std 596-1976** *Standard Parallel Highway Interface System* (CAMAC-Computer Automated Measurement and Control); Sept 9, 1976. 40p. \$6.50 **SH06205**

## IEEE Press

**Electronic Switching: Central Office Systems of the World**, edited

by Amos E. Joel, Jr., Bell Laboratories. © 1976 279p. **ISBN 0-87942-079-0 LC76-11448 \$17.95 PC00760 A** Book of Selected Reprints.

### Contents:

*United States of America, Canada, United Kingdom, Belgium, France, Sweden, Japan, The Netherlands, Germany. A total of 31 reprinted papers.*

**Spread Spectrum Techniques**, edited by Robert C. Dixon. © 1976 408p. **ISBN 0-87942-077-4 LC 76-18432 \$21.95 PC00786** A Book of Selected Reprints.

### Contents:

*Anti-Interference, Applications, Coding, Chirp Techniques, Direct Sequence, Frequency Hopping, Information Transmission, Ranging, RF Effects, Synchronization. A total of 44 reprinted papers.*

## Miscellaneous Publications

**Application of Distribution and Power Transformers; Tutorial Course** sponsored by IEEE Power Engineering Society. 79p. \$10.00 **76 CH11593**

**Career Paths in E/E Engineering; 1976 IEEE Manpower Report**. 1v. (Approx. 300p.) \$25.00 **EH01172**

**The E/E at Mid-Career—Prospects and Problems; 1975 IEEE Manpower Report**. 1v. (Approx. 280p.) \$25.00 **EH01107**

**IEEE 1976 Special Power Publications**. 1v. (Approx. 246p.) \$16.00 **76 CH11742**. This hardbound volume contains:

**76 CH11296** *Nuclear Power Health-Safety-Waste Disposal* see Oct 1976 bulletin;

**76 CH11304** *Transient Response of Current Transformers* see Jul 1976 bulletin;

**76 CH11536** *The U.S. Energy Equation and the Role of Electricity* see Oct 1976 bulletin;

**76 CH11593** *Application of Distribution and Power Transformers* listed above;

**76 CH11635** *The Location, Correction and Prevention of RI and TVI Sources from Overhead Power Lines* listed below.

**The Location, Correction and Prevention of RI and TVI Sources from Overhead Power Lines; Tutorial Course** sponsored by IEEE Power Engineering Society. 68p. \$10.00 **76 CH11635**

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*actions* (1951-1970) are entitled to sizable discounts on the sum of the individual *Transactions* prices.

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