

# 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 headquarters.

## New 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.

**Antennas and Propagation Group (G-AP) International Symposium, 1973 IEEE**, held 1973 Aug 22-24 in Boulder, Colo.; sponsored by IEEE AP. *Digest*, 492 pp., \$11.00, **73 CH07641**

**Appliance Technical Conference, 1973 IEEE**, held 1973 June 19-20 in Chicago, Ill.; sponsored by IEEE IA and IEEE Chicago Section. Individual preprints, \$1.80 each; **write for list of titles**

**Electrical and Electronic Measurement and Test Instrument Conference, 1973 (EEMTIC)**, held 1973 May 15-17 in Ottawa, Canada; sponsored by IEEE IM, IEEE Ottawa Section, and URSI Comm. 1. Papers in *IEEE Transactions on Instrumentation and Measurement*, Vol. IM-22, No. 4, 1973 Dec; \$6.00, **JH16600**

**Electrical, Electronics Conference and Exhibition, 1973 International**, held 1973 Oct 1-3 in Toronto, Canada; sponsored by IEEE Canadian Region. *Conf. Digest*, 187 pp., \$10.00, **73 CH07799**

**Electron Devices Meeting, 1973 International**, held 1973 Dec 3-5 in Washington, D.C.; sponsored by IEEE ED. *Technical Digest*, 575 pp., \$11.00, **73 CH07815**

**Electronic Security Systems Seminar, 1973 IEEE**, held 1973 Sep 25-26 in New York, N.Y.; sponsored by IEEE. *Conf. Record*, 110 pp., \$15.00, **73 CH08094**

**Electronics and Aerospace Systems Conference, IEEE 1973 (EASCON)**, held 1973 Sep 17-19 in Washington, D.C.; sponsored by IEEE AES, and IEEE Washington Section. *Conf. Record*, 251 pp., \$15.00, **73 CH07831**. Abstracts published in *IEEE Transactions on Aerospace and Electronic Systems*, Vol. AES-9, No. 5, 1973 Sep

**Energy Conversion Engineering Conference, 1973 Intersociety**, held 1973 Aug 13-16 in Philadelphia, Pa.; sponsored by IEEE ED, IEEE AES, AIAA et al. *Conf. Record and Addendum*, 847 + 184 pp., \$60.00, **73 CH07881**

**Engineering in Medicine and Biology, 1973 Conference on**, held 1973 Sep 30-Oct 4 in Minneapolis, Minn.; sponsored by Alliance for Engineering in Medicine and Biology. *Proceedings*, 438 pp., \$15.00, **73 CH07765**

**Engineering Management Conference, 1973 Joint**, held 1973 Oct 25-26 in St. Petersburg, Fla.; sponsored by IEEE EM, ASQC, Engineering Institute of Canada, ISA, AIIE, ASME, and NSPE. *The Impact of Competitive Technology on Engineering Management* (Conference Record), 129 pp., \$5.00, **73 CH07971**

**High-Level-Language Computer Architecture, 1973 ACM-IEEE Symposium on**, held 1973 Nov 7-8 in College Park, Md.; sponsored by IEEE S-C and ACM. *Conf. Record*, 178 pp., \$15.00, **73 CH08110**

**IEEE Industry Applications Society Annual Meeting, 1973 IEEE**, held 1973 Oct 8-11 in Milwaukee, Wisc.; sponsored by IEEE IA and IEEE Milwaukee Section. *Conf. Record*, 921 pp., \$24.00, **73 CH07633**

**Instrumentation in Aerospace Simulation Facilities, 1973 International Congress on (ICIASF)**, held 1973 Sep 10-12 in Pasadena, Calif.; sponsored by IEEE AES. *Conf. Record*, 275 pp., \$20.00, **73 CH07849**. Abstracts published in *IEEE Transactions on Aerospace Systems and Electronics*, Vol. AES-9, No. 5, 1973 Sep

**Machine Processing of Remotely Sensed Data Conference**, held 1973 Oct 16-18 in West Lafayette, Ind.; sponsored by IEEE C, IEEE GE, IEEE Central Indiana Section, American Society of Agronomy et al.; *Conf. Proceedings*, 420 pp., \$25.00, **73 CH08342**

**Modulator Symposium, 1973 IEEE**, held 1973 Sep 18-19, in New York, N.Y.; sponsored by IEEE ED and AGED. *Conf. Record*, 240 pp., \$15.00, **73 CH07732**

**Nuclear and Space Radiation Effects Conference, 1973 IEEE**, held 1973 July 23-26 in Logan, Utah; sponsored by IEEE NPS. *IEEE Transactions on Nuclear Science*, Vol. NS-20, No. 6, 1973 Dec; \$12.00, **JH16402**

**Petroleum and Chemical Industry Technical Conference, 1973 IEEE**, held 1973 Sep 10-12 in Houston, Tex.; sponsored by IEEE IA. *Conf. Record*, 233 pp., \$20.00, **73 CH07690**

**Product Liability Prevention Conference, 1973**, held 1973 Aug 22-24 in Newark, N.J.; sponsored by IEEE R, Newark College of Engineering, et al.; *Conf. Record*, 240 pp., \$10.00, **73 CH08144**, **order from PLP Conference**, Newark College of Engineering, Newark, NJ 07102

**Semiconductor Memory Testing Symposium, 1973 IEEE**, held 1973 Oct 2-3 in Cherry Hill, N.J.; sponsored by IEEE C and IEEE Philadelphia Section. *Record of Papers*, 125 pp., \$12.00, **73 CH08276**

## New 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-8, No. 6, 1973 Dec; \$6.00, **JH18135**

**Arcs**; special section of papers in *IEEE Transactions on Plasma Science*, Vol. PS-1, No. 3, 1973 Sep; \$6.00, **JH16436**

**Computer-aided circuit design; IEEE Transactions on Circuit Theory**, Vol. CT-20, No. 6, 1973 Nov; \$6.00, **JH16345**

**Display devices; IEEE Transactions on Electron Devices**, Vol. ED-20, No. 11, 1973 Nov; \$6.00, **JH16915**

**Ground currents; IEEE Transactions on Electromagnetic Compatibility**, Vol. EMC-15, No. 4, 1973 Nov; \$6.00, **JH17665**

**INTERMAG (International Magnetism Conference) 1973**, selected papers; *IEEE Transactions on Magnetism*, Vol. MAG-9, No. 3, 1973 Sep, \$18.00, **JH17889**. Digest for this conference was published and announced earlier—\$5.00, **73 CH07237**

**Minicomputers; Proceedings of the IEEE**, Vol. 61, No. 11, 1973 Nov; \$6.00, **JH16121**

**Mobile communications**; joint issue, *IEEE Transactions on Communications*, Vol. COM-21, No. 11, 1973 Nov; \$6.00, **JH17392**; or *IEEE Transactions on Vehicular Technology*, Vol. VT-22, No. 4, 1973 Nov, \$6.00, **JH16485**



**Solid-state microwave power amplifiers; IEEE Transactions on Microwave Theory and Techniques**, Vol. MTT-21, No. 11, 1973 Nov; \$6.00, **JH17210**

## IEEE Press

**Computer-Aided Filter Design**, G. Szentirmai, Ed. © 1973. 448 pp., clothbound, \$13.95, **PC00273**

## Recently Issued Standards

**IEEE Std 113-1973**, *IEEE Standard Test Code for Direct-Current Machines*; 35 pp., \$5.00, **SH11130**

**IEEE Std 262-1973** (ANSI C57.12.90-1973), *American National Standard—IEEE Standard Test Code for Distribution, Power, and Regulating Transformers*; 16 pp., \$6.00, **SH42622**

**IEEE Std 268-1973** (revision of 268-1966), *IEEE Recommended Practice for Units in Published Scientific and Technical Work*; 20 pp., \$4.00, **SH12682**

**IEEE Std 346-1973**, *IEEE Standard Definitions in Power Operations Terminology Including Terms for Reporting and Analyzing Outages of Electrical Transmission and Distribution Facilities and Interruptions to Customer Service*; 12 pp., \$4.00, **SH03467**

**IEEE Std 417-1973** (ANSI C37.079-1973), *American National Standard—IEEE Standard Method for Testing AC High-Voltage Circuit Breakers Rated on a Symmetrical Basis When Rated for Out-of-Phase Switching*; 11 pp., \$4.00, **SH04176**

**IEEE Std 420-1973** (ANSI N41.17), *IEEE Trial-Use Guide for Class 1E Control Switchboards for Nuclear Power Generating Stations*; 12 pp., \$4.00, **SH04200**

**IEEE Std 434-1973**, *IEEE Guide for Functional Evaluation of Insulation Systems for Large High-Voltage Machines*; 16 pp., \$4.40, **SH04341**

**IEEE Std 454-1973**, *IEEE Recommended Practice for the Detection and Measurement of Partial Discharges (Corona) During Dielectric Tests*; 20 pp., \$5.00, **SH04549**

**IEEE Std 462-1973** (ANSI C57.12.00-1973), *American National Standard—IEEE Standard General Requirements for Distribution, Power, and Regulating Transformers*; 32 pp. \$5.60, **SH04622**

## Other Publications

**Cumulative indexes** to IEEE literature have been published by Nichigai Associates, Inc., in cooperation with the IEEE. See enclosed brochure for details and ordering information on two cumulative indexes: *Entire IEEE Group Transactions and Journals 1951-1971*, and *Proceedings of the IEEE 1960-1971*.

**IEEE Manpower Report 1973: Career Outlook in Engineering**; 225 pp., \$15.00, **73 EH00893**

**IEEE Membership Directory, 1973**; 809 pp., \$35.00, order by title

## New Audio Cassettes

**Doing Business with the Department of Transportation** (Cassette Colloquia 72-CC-11); approx. 90 minutes, \$12.00, **EH00927**

**Energy Crisis: Engineering Solutions** (Cassette Colloquia 72-CC-12); approx. 90 minutes, \$12.00, **EH00919**

**Women in High-Technology Industries** (Soundings Cassette 72-S-03), approx. 90 minutes, \$12.00, **EH00901**

## Name Changes for IEEE Periodicals

Please note the following new names, effective with the first 1974 issue:

**IEEE Transactions on Acoustics, Speech, and Signal Processing**, formerly *IEEE Transactions on Audio and Electroacoustics*. The 1974 volume number is ASSP-22.

**IEEE Transactions on Circuits and Systems**, formerly *IEEE Transactions on Circuit Theory*. The 1974 volume number is CAS-21.

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## Supplementary Information

**Out-of-Stock Publications:** Xerox or microfilm copies of most out-of-stock publications may be obtained from the Engineering Societies Library, 345 East 47th Street, New York, N.Y. 10017; the Library will supply price information on request. Most IEEE Journal issues for 1964 and earlier years are available from Walter J. Johnson, Inc., 111 Fifth Avenue, New York, N.Y. 10003.

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**Price Information.** All prices listed in this Bulletin are nonmember prices. If you are eligible for special IEEE member prices, please give your membership number when ordering.

**Additional Copies of this Bulletin** are available, at your request, for circulation to technical personnel in your organization.

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## How To Order

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