

IEEE publications bulletin

This Bulletin is the official announcement vehicle for IEEE publications, and information and educational services. It covers conference records, special issues of IEEE Transactions and Journals, and other nonperiodic publications. It is the purpose of this Bulletin to make notice of all current IEEE items of possible interest to institutional subscribers.

New Conference Publications

The following IEEE Conference Publications have become available since the last issue of this Bulletin. Except as noted, all were automatically sent to present subscribers to the IEEE Open Order Plan Subscription (OOPS) enrolled in the appropriate OOPS option.

Automatic Control Conference of the American Automatic Control Council, 1971 Joint, held 1971 Aug 11-13 in St. Louis, Mo.; sponsored by IEEE Control Systems Society and AACC. *Conf. Record* (Pub. 71 C 36-AC), 944 pp., \$40.00, CH05850

Data Communications Systems, ACM/IEEE Second Symposium on Problems in the Optimization of, held 1971 Oct 20-22 in Palo Alto, Calif.; sponsored by IEEE S-C and ACM. *Conf. Record* (Pub. 71 C 59-C), 196 pp., \$10.00, CH06155. Microfiche version may be ordered from IEEE Computer Society, 8949 Reseda Blvd., Suite 202, Northridge, Calif. 91324

Electrical and Electronic Measurement and Test Instrument Conference, 1971, held 1971 Jun 1-3 in Ottawa, Canada; sponsored by IEEE G-IM and IEEE Ottawa Section. *IEEE Transactions on Instrumentation and Measurement*, Vol. IM-20, No. 4, 1971 Nov; \$5.00, JH11544

Electrical and Electronics Engineers in Israel, IEEE 7th Convention of, held 1971 Apr 19-22 in Tel-Aviv, Israel; sponsored by IEEE Israel Section, Technion Institute of Technology, IERE, and the Israeli Ministries of Commerce and Industry, Communications, and Defense. *Proceedings* (Pub. 71 C 47-ISRAEL), 819 pp., \$8.00, CH06320

Electrical, Electronics Conference, International, held 1971 Oct 4-6 in Toronto, Canada; sponsored by IEEE Canadian Region. *Digest* (Pub. 71 C 62-REG7), 168 pp., \$6.00, CH06213

Electrical Insulation Conference, 10th Annual (EIC 71), held 1971 Sep 20-23 in Chicago, Ill.; sponsored by IEEE G-EI, IEEE Chicago Section, and NEMA. *Proceedings* (Pub. 71 C 38-EI), 365 pp., \$10.00, CH06148

Electrical Network Theory, London 1971 IEEE International Symposium on, held 1971 Sep 6-10 in London, England; sponsored by IEEE G-CT and IEEE UKRI Section. *Digest* (Pub. 71 C 53-CT), 146 pp., \$8.00, CH06486

Electron Devices Meeting, 1971 International, held 1971 Oct 11-13 in Washington, D.C.; sponsored by IEEE G-ED. *Digest* (Pub. 71 C 44-ED), 164 pp., out of stock

Electronic and Aerospace Systems Conference (EASCON 71), held 1971 Oct 6-8 in Washington, D.C.; sponsored by IEEE G-AES. *Conf. Record* (Pub. 71 C 34-AES), 272 pp., \$14.50, CH06312

Electronics Conference, IEEE Fall (FEC '71), held 1971 Oct 18-20 in Chicago, Ill.; sponsored by IEEE Region 4, IEEE Chicago section, and 12 IEEE Groups. *Proceedings* (Pub. 71 C 64-FEC), 413 pp., \$30.00, CH06270

Engineering in Medicine and Biology, 1971 Annual Conference on, held 1971 Oct 31-Nov 4 in Las Vegas, Nevada; sponsored by Alliance for Engineering in Medicine and Biology. *Proceedings*, 375 pp., \$15.00, CH06163

Engineering in the Ocean Environment, 1971 IEEE Conference on, held 1971 Sep 21-24; sponsored by OCC and IEEE San Diego Section. *Conf. Record* (Pub. 71 C 40-OCC), 386 pp., \$16.00 US and Canada, \$20.00 elsewhere, CH06262

Engineering Management Conference, Joint: New Realities for Engineering Managers, held 1971 Oct 4-5 in Los Angeles, Calif.; sponsored by IEEE, ASME, Engineering Institute

of Canada, ISA, AIIE, ASQC, and NSPE. *Conf. Record* (Pub. 71 C 43-EM), 100 pp., \$5.00, CH06494

EUROCON 71, held 1971 Oct 18-22 in Lausanne, Switzerland; sponsored by IEEE Region 8. *Digest* (Pub. 71 C 56-REG8), 500 pp., \$13.50, CH06429

Geoscience Electronics Symposium, IEEE Third International, held 1971 Aug 25-27 in Washington, D.C.; sponsored by IEEE G-GE. *Digest* (Pub. 71 C 37-GE), 72 pp., \$8.00, CH06411

Industry and General Applications Group, 1971 Annual Meeting, held 1971 Oct 18-21 in Cleveland, Ohio; sponsored by IEEE G-IGA and IEEE Cleveland Section. *Conf. Record* (Pub. 71 C 1-IGA), 1075 pp., out of stock

International Magnetics Conference (INTERMAG 71), held 1971 Apr 13-17 in Denver, Colo.; sponsored by IEEE G-IGA and IEEE Southeastern Michigan Section. *Digest* (Pub. 71 C 12-MAG), 210 pp., \$4.00, CH05462. Full papers in *IEEE Transactions on Magnetics*, Vol. MAG-7, No. 3, 1971 Sep; \$9.00, JH12641

Machine Tools Industry Technical Conference, held 1971 Oct 18-20 in Cincinnati, Ohio; sponsored by IEEE G-IGA and IEEE Cincinnati Section. Preprints of individual papers, \$1.80 each; write for list of titles

Materials Handling Conference, 1971 Joint, held 1971 Oct 27-29 in Milwaukee, Wisc; sponsored by IEEE G-IGA. Preprints of individual papers, \$1.35 each; write for list of titles

Nuclear and Space Radiation Effects Conference, 1971, held 1971 Jul 20-23 in Durham, N.H.; sponsored by IEEE G-NS and the University of New Hampshire. *IEEE Transactions on Nuclear Science*, Vol. NS-18, No. 6, 1971 Dec; \$10.00, JH11387

Petroleum and Chemical Industry Conference, 1971, held 1971 Sep 12-15 in Atlanta, Ga.; sponsored by IEEE G-IGA. *Conf. Record* (Pub. 71 C 35-IGA), 28 papers, \$20.00, CH06189

Power Conditioning Specialists Conference (PCSC '71), held 1971 Apr 19-20 in Pasadena, Calif.; sponsored by IEEE G-AES. *Conf. Record* (Pub. 71 C 15-AES), 212 pp., \$15.00, CH06205

Programming and Machine Organization [Conference], held 1971 Apr 27 in Lincraft, N.J.; sponsored by IEEE Computer Society; out of stock. Microfiche edition may be ordered from IEEE Computer Society, 8949 Reseda Blvd., Northridge, Calif. 91324

Reliability Physics [Symposium], 9th Annual, held 1971 Mar 31-Apr 2 in Las Vegas, Nev.; sponsored by IEEE G-ED and IEEE G-R. *Proceedings* (Pub. 71 C 9-PHY), 248 pp., \$12.00, CH04259

Southwestern IEEE Conference and Exhibition (SWIEECO 71), held 1971 Apr 28-31 in Houston, Tex.; sponsored by SWIEECO and IEEE Houston Section. *Conf. Record* (Pub. 71 C 17-SWIEECO), 460 pp., \$20.00, CH06114

Switching and Automata Theory, Twelfth Annual Symposium on, held 1971 Oct 13-15 in East Lansing, Mich.; sponsored by IEEE S-C. *Conf. Record* (Pub. 71 C 45-C), 216 pp., \$15.00, CH06338

Systems Control, 1971 Case Studies in [Symposium], held 1971 Aug 11 in St. Louis, Mo.; sponsored by IEEE S-CS. *Conf. Record* (Pub. 71 C 70-CSS), 5 papers, \$6.00, CH06346

Systems, Man and Cybernetics Group 1971 Symposium, held 1971 Oct 25-27 in Anaheim, Calif; sponsored by IEEE G-SMC and ORSA. *Conf. Record* (Pub. 71 C 46-SMC), 367 pp., \$15.00, CH05843

Ultrasonics Symposium, 1970, held 1970 Oct 21-23 in San Francisco, Calif.; sponsored by IEEE G-SU. "Invited" *Proceedings* (Pub. 70 C 69-SU), 172 pp., \$10.00, CH06437

Walsh Functions Applications Symposium, held 1971 Apr 13-15

in Washington, D.C.; sponsored by IEEE G-EMC, Naval Research Laboratory, and University of Maryland. *IEEE Transactions on Electromagnetic Compatibility*, Vol. EMC-13, No. 3, 1971 Aug; \$5.00, **JH12435**

Western Electronic Show and Convention (WESCON) 1971, held 1971 Aug 24-27 in San Francisco, Calif.; sponsored by IEEE Region 8 and WEMA. *Conf. Record*, \$65.00, available only from WESCON, 3600 Wilshire Blvd., Los Angeles, Calif. 90005 (not shipped under OOPS)

New Special Issues

Special issues of IEEE periodicals which became available since the last issue of this Bulletin are listed below. The 35 journals published by the IEEE are described in the 1972 *IEEE Annual Catalog*.

Analog integrated circuits; *IEEE Journal of Solid-State Circuits*, Vol. SC-6, No. 6, 1971 Dec; \$5.00, **JH12898**

Automated microwave measurements; *IEEE Transactions on Microwave Theory and Techniques*, Vol. MTT-20, No. 1, 1972 Jan; \$6.00, **JH13847**

Computer-aided design and analysis for reliability and maintainability; *IEEE Transactions on Reliability*, Vol. R-20, No. 3, 1971 Aug; \$5.00, **JH11452**

Computers in design; *Proceedings of the IEEE*, Vol. 60, No. 1, 1972 Jan; \$6.00, **JH13722**

Error-control coding; *IEEE Transactions on Communication Technology*, Vol. COM-19, No. 5, Part II, 1971 Oct; \$5.00, **JH13581**

Fault-tolerant computing; *IEEE Transactions on Computers*, Vol. C-20, No. 12, 1971 Dec; \$5.00, **JH11981**

Image-sensing devices; *IEEE Transactions on Electron Devices*, Vol. ED-18, No. 11, 1971 Nov; \$5.00, **JH11858**

The linear-quadratic-Gaussian problem; *IEEE Transactions on Automatic Control*, Vol. AC-16, No. 6, 1971 Dec; \$10.00, **JH12336**

Signal processing for digital communications; *IEEE Transactions on Communication Technology*, Vol. COM-19, No. 6, Part I, 1971 Dec; \$5.00, **JH12203**

Recently Issued IEEE Standards

Recently issued publications of the IEEE Standards Department are listed below. For a complete list of Standards publications, please request Form F9.

IEEE Std 45-1971, *IEEE Recommended Practice for Electric Installations on Shipboard* (revision of IEEE Std 45-1967); 192 pp., \$14.00, **SH00125**

IEEE Std 111-1971, *IEEE Standard for Low-Power Wide-Band Transformers* (revision of IEEE Std 111-1964); 20 pp., \$3.80, **SH00505**

IEEE Std 193-1971, *IEEE Standard Method for Measurement of Weighted Peak Flutter of Sound Recording and Reproducing Equipment* (supersedes IEEE Std 193-1953); 8 pp., \$3.00, **SH01180**

IEEE Std 269-1971, *IEEE Standard Method for Measuring Transmission Performance of Telephone Sets* (supersedes IEEE Std 269-1966); 18 pp., \$4.20, **SH01586**

IEEE Std 308-1971, *IEEE Standard Criteria for Class 1E Electric Systems for Nuclear Power Generating Systems* (revision of IEEE Std 308-1970); 14 pp., \$5.00, **SH02261**

IEEE Std 324-1971 (ANSI C37.30-1971), *American National Standard Definitions and Requirements for High-Voltage Air Switches, Insulators, and Bus Supports*; 19 pp., \$3.50, **SH02766**

IEEE Std 326-1971 (ANSI C37.34-1971), *American National Standard Test Code for High-Voltage Air Switches*; 17 pp., \$3.50, **SH02774**

IEEE Std 329-1971, *IEEE Guide for Synchronous Motor Protection*; 47 pp., \$10.00, **SH02758**

IEEE Std 334-1971, *IEEE Trial-Use Guide for Type Tests of Continuous-Duty Class 1 Motors Installed Inside the Containment of Nuclear Power Generating Stations*; 12 pp., \$4.40, **SH02832**

IEEE Std 336-1971, *IEEE Standard Installation, Inspection, and Testing Requirements for Instrumentation and Electric Equipment During the Construction of Nuclear Power Generating Stations*; 16 pp., \$5.00, **SH02840**

IEEE Std 338-1971, *IEEE Trial-Use Criteria for the Periodic Testing of Nuclear Power Generating Station Protection Systems*; 11 pp., \$4.40, **SH02824**

IEEE Std 344-1971, *IEEE Guide for Seismic Qualification of Class 1 Electric Equipment for Nuclear Power Generating Stations*; 11 pp., \$4.40, **SH02857**

IEEE Press

The first two volumes in the Institute's new series of Selected Reprints books are listed below. Please refer to IEEE Press brochure for further details.

Active Inductorless Filters; Sanjit K. Mitra, Ed.; 232 pp., cloth-bound, \$9.95, **PC00034**

Clearing the Air: The Impact of the Clean Air Act on Technology; John C. Redmond, John C. Cook, and A. A. J. Hoffman, Eds.; 168 pp., clothbound, \$8.95, **PC00018**

Recently Released Audio Cassettes

Engineering in the Health Industry (Soundings Cassette 71-ES-05); Walter E. Beam, Ed.; running time approximately 90 min., \$12.00, **EH00273**. Subscriptions to Soundings cassettes are also offered; please request information

Other Recently Issued Publications

Nuclear Plant Safety (Tutorial Course Text); sponsored by IEEE Power Engineering Society; 129 pp., \$10.00, **72CH0635-3-PWR**

Name Changes for IEEE Periodicals

Starting with the first 1972 issue, four of the IEEE Transactions will be known by new names, as follows:

IEEE Transactions on Biomedical Engineering, formerly *IEEE Transactions on Bio-Medical Engineering*. The 1972 volume number is BME-19.

IEEE Transactions on Communications, formerly *IEEE Transactions on Communication Technology*. The 1972 volume number is COM-20.

IEEE Transactions on Industry Applications, formerly *IEEE Transactions on Industry and General Applications*. The 1972 volume number is IA-8.

IEEE Transactions on Professional Communication, formerly *IEEE Transactions on Engineering Writing and Speech*. The 1972 volume number is PC-15.

Supplementary Information

Microfilm Editions: Back volumes of all periodicals published by the IEEE and its predecessor societies, AIEE and IRE, are now available on microfilm. Please request brochure F-15 for details.

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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Discounts: IEEE allows an agency discount of 10% on single-copy and single-subscription sales, 5% on combined all-group periodical subscription sales. All prices listed in this Bulletin are nonmember prices.

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

How To Order

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