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 (OOP). 1978 Conferences are identified by appropriate OOP sub-option codes. 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 OOP.

Antennas and Propagation Society (AP-S) International Symposium, 1978 IEEE and USNC/URSI Meeting, held May 15-19, 1978 in Washington, DC; sponsored by IEEE AP and US National Committee/International Union of Radio Science. AP-S Digest 458p. LC 66-9399 \$30.00 78CH1342-5 AP OOP ID. URSI/USNC Digest available from National Academy of Sciences.

Sessions on: Numerical and transient techniques; imaging antennas; antenna design; high frequency scattering; adaptive and multibeam arrays; numerical analysis; random media; arrays; reflectors; electromagnetic sensing for traffic control and collision avoidance; fiber-optics and applications; electromagnetic theory; antenna applications; horns and arrays.

CATV Reliability, 3rd Conference on, held Mar 7-8, 1978 in St. Louis, MO; sponsored by IEEE BCCE and SCTE. Conf. Récord 87p. \$18.00 78CH1367-2 BCCE OOP 1C

Coverage: System design—components and reliability; system reliability through redundancy and design; plant reliability, aspects of banding and grounding; cost reduction and reliability through powering techniques.

Cement Industry Technical Conference, 20th IEEE (CIT), held May 15-18, 1978 in Roanoke, VA; sponsored by IEEE IA. Conf. Record Approx. 350p. LC 78-28930 \$40.00 78CH1307-8 IA OOP 1B

Sessions on: Drives; maintenance and safety; power generation and distribution; automation; general practices. Includes Master Index of Technical Papers presented at the first twenty conferences.

Circuits and Systems, [11th] IEEE International Symposium on, held May 17–19, 1978 in New York; sponsored by IEEE CAS. Proceedings 1125p. LC 73-86306 \$50.00 78CH1358-1 CAS OOP 1A

Scope: Current practices and future trends of circuit and system design; scholarly exposition of theory and fundamental principles. Authors papers in condensed version.

Communications, 14th International Conference on (ICC), held Jun 4-7, 1978 in Toronto, Canada; sponsored by IEEE CSCB and IEEE Toronto Section. Conf. Record 3v. Approx. 1050p. LC 64-23226 \$50.00 78CH1350-8 CSCB OOP 1B Scope: Complete text of papers cover a wide range of recent world-wide developments in communications technology. International aspects are highlighted by sessions on: digital transmission networks in Japan, telecommunications activities in the CCITT and spectrum management aspects—WARC '79; perspectives on the future are considered in the sessions: new technology for rural communications, future telecommunications services for home and business, the transition to an information society, and a session on advances in amateur radio.

Computer Software and Applications Conference (COMPSAC 77), Tutorial [on] Quantitative Management: Software Cost Estimating, see Quantitative Management: Software Cost Estimating, Tutorial

Computer Software Engineering, 1976 Symposium on, held Apr 20–22, 1976 in New York; sponsored by the Polytechnic Institute of New York, IEEE C, IEEE R, et al. Microwave Research Institute Symposia Series, vol. XXIV. *Proceedings* 583p. LC 76-26332 \$32.00 76CH1071-0 C

Sessions on: Design techniques; requirements; models and data; theory; languages; reliability; case studies.

Computers in Cardiology, [4th], held Sep 29-Oct 1, 1977 in Rotterdam, The Netherlands; sponsored by IEEE C, American Heart Association, Dutch Heart Foundation, et al. Conf. Record 625p. \$20.00 77CH1254-2 C

Sessions on: Non-invasive dimensional analysis of the heart; intensive care; diagnostic ECG; information systems; workshops.

Design Automation Conference, 15th, held June 19-21, 1978 in Las Vegas, NV; sponsored by ACM and IEEE C. *Proceedings* 493p. LC 74-30514 \$25.00 78CH1363-1 C OOP IE

Sessions on: Interactive graphics; computer-aided manufacturing at GTE Automatic Electric; computer aided mapping; printed circuit board layout; testing methodologies and fault diagnosis; data bases; integrated circuit layout; high level design languages and systems; the GTE Sylvania PHOENIX system; computer-aided documentation; logic design and logic design systems; IC layout and verification; mechanical engineering and manufacturing; theoretical foundations of topics in design automation; test generation and testing; software engineering tools and techniques; simulation; PCB layout systems; tutorials.

Digital Image Processing, Tutorial and Selected Papers in, held at the 1978 IEEE Computer Society Conference on Pattern Recognition and Image Processing, May 30-Jun 2, 1978 in Chicago, IL. *Tutorial* Harry C. Andrews, Ed. 728p. LC 78-57013 \$30.00 EH01339 OOP 8

Coverage: Image transforms, coding, enhancement and restoration; feature extraction and image understanding; hybrid optical/digital image processing; bibliography.

Electrical Contact Phenomena, 8th International Conference on, see Contacts listing under Special Issues.

Electrical Contacts, 23rd Holm Conference on, see Contacts listing under Special Issues.

Electromagnetic Compatibility, IEEE [20th] International Symposium on, held June 20–22, 1978 in Atlanta, GA; sponsored by IEEE EMC. Conf. Record 427p. LC 78-15514 \$25.00 78CH1304-5 EMC OOP 1B

Sessions: Spectrum management; wire coupling; systems methodology; interference analysis; field penetration of shielding barriers; environmental interactions; standards and specifications workshop; ELF interference; system modeling; intrasystem EMC analysis; interference control; EM environments; measurements; EM field analysis.

Fault-Tolerant Computing (FTCS), 8th International Conference on, held Jun 21-23, 1978 in Toulouse, France; sponsored by IEEE C. Digest of Papers 226p. LC 79-613257 (LC 74-75968, published in digest, incorrect) \$25.00 78CH1286-4 C OOP 1E Industrial and Commercial Power Systems Technical Conference,
 1978, held Jun 5-8, 1978 in Cincinnati, OH; sponsored by
 IEEE IA and IEEE Cincinnati Section. Conf. Record 127p.
 LC 73-87685 \$12.00 78CH1302-9 IA OOP IB

Coverage: Design, installation, operation and maintenance of electric power systems for industrial plants and commercial buildings for electric space heating and air conditioning.

Industrial Applications of Microprocessors (IECI'78), 4th Conference, held Mar 20–22, 1978 in Philadelphia, PA; sponsored by IEEE IECI. *Proceedings* 233p. LC 78-51717 \$25.00 78CH1312-8 IECI OOP 1B

Sessions on: Data acquisition; testing bus oriented microprocessor systems; signal processing; monitoring and control applications; industrial control applications; testing; energy systems; consumer systems; motor control systems.

Microcomputer Based Instrumentation Symposium, 1978 IEEE, held Jun 12–13, 1978 in Gaithersburg, MD; sponsored by IEEE C, IEEE IM and US NBS. *Proceedings* 104p. LC 77-93422 \$16.00 78CH1303-7 C OOP 1B, E

Coverage: Current status and future trends in the application of microprocessor technology to instrumentation; use of microcomputers in measurement instruments; standardization issues

Microwave Symposium, 1978 IEEE MTT-S International, held Jun 27-29, 1978 in Ottawa, Canada; sponsored by IEEE MTT. Digest J.Y. Wong, Ed. 489p. \$25.00 78CH1355-7 MTT OOP 1D. Selected papers to appear in IEEE Transactions on Microwave Theory and Techniques Vol. MTT-26 No. 12 Dec 1978 \$10.00 JH 43877 (Not distributed under OOP).

Sessions: Microwave quo vadis; finline and millimeter-wave components; digital microwave systems; computer-aided design; filters and passive components; fiber and integrated optics; ferrite devices; microwave GaAs FET's; filters and multiplexers; microwave systems; automated network analyzer techniques; microwave field theory; microwave measurements; MIC amplifiers, oscillators, and components; microwave network theory; low noise techniques; microwave transmission lines, high power, solid state devices and acoustics; submillimeter-waves.

Multiple-Valued Logic, 8th International Symposium on, held May 24-26, 1978 in Rosemont, IL; sponsored by IEEE C, ACM, US DOD, et al. *Proceedings* 298p. \$20.00 78CH1366-4 C OOP 1E

Coverage: Engineering and computer science aspects of multiple-valued logic: algebraic theory; logic design and switching theory; threshold logic design; physical components and implementations; applications.

Oceanic Data Base Information Exchange Workshop, held Feb 9-10, 1977 in San Diego, CA; sponsored by IEEE C. Proceedings 147p. \$16.00 EH01347 OOP 8

Scope: Identifies and evaluates data bases containing oceanic parameters of both physical and biological significance and explores techniques by which this information may be disseminated and coordinated.

- Optical Computing Conference, [4th] International, held Aug 23-24, 1977 in San Diego, CA; sponsored by IEEE C and SPIE. *Proceedings* 2v. 504p. (SPIE Proceedings v. 118 and 119) LC 77-93423 \$70.00 OOP Option 1 77CH1265-8 C Coverage: Vol. 1: Optical Signal and Image Processing; Vol. 2: Applications of Digital Image Processing.
- Pattern Recognition and Image Processing, 1978 IEEE Computer Society Conference on, held May 31-Jun 2, 1978 in Chicago, IL; sponsored by IEEE C. Proceedings 516p. LC 78-51712

\$25.00 **78CH1318-5 C** OOP 1E. *See also* Digital Image Processing Tutorial.

Coverage: User-oriented graphics; industrial applications; remote sensing and image processing; speech understanding and sound analysis; data definition and conversation.

- Plasma Science, [5th] IEEE International Conference on, held May 15-17, 1978 in Monterey, CA; sponsored by IEEE NPS and Naval Postgraduate School. Conf. Record-Abstracts 330p. LC 76-42685 \$20.00 78CH1357-3 NPS OOP 1B Coverage: Plasmas for fusion research; fusion reactor technology; advanced fuel fusion technology; plasma heating, focus, diagnostics and chemistry; neutral beams for fusion research; intense electron and ion beams; energy storage; magnetics; magnetofluiddynamics; plasma waves, instabilities, and antennas; gaseous electronics; thermionics and plasma diodes; plasma science of circuit interruption; arc technology; computer applications to plasma science; laser isotope separation, nuclear-pumped lasers; laser-plasma interactions.
- Power Electronics Applications in Power Systems; IEEE Tutorial Course, held at 1978 IEEE Power Engineering Society Summer Meeting, July 16–21, 1978 in Los Angeles, CA. *Course Text* 72p. \$12.00 EH01354-PWR OOP 8

Coverage: Thyristor (SCR) static and dynamic characteristics; AC voltage controllers; phase commutated rectifier and inverter circuits.

Power Engineering Society Winter Meeting, 1978 IEEE, held Jan 29-Feb 3, 1978 in New York, NY; sponsored by IEEE PE. Conf. Record Approx. 1200p. LC 76-4401 \$45.00 78CH1295-5 PWR OOP 1G Abstracts in IEEE Transactions on Power Apparatus and Systems Vol. PAS-97 No. 4 Jul/Aug 1978 \$15.00 JH44016. Individual preprints are available, \$3.00 each, write for list of titles. (Not distributed under OOP).

Coverage: Entire field of power apparatus and systems: insulated conductors; generation control and operation; energy development; distribution and transmission planning; power system planning practices; system security monitoring; load forecasting and management; transformers; towers; air gap flashover; excitation system developments; advances in engineering economics; generation planning; operating problems and ECC justification; scheduling, dispatch and state estimation; surge protective devices; power engineering educators; station design; electric utility systems in 2000; turbine generator torsional fatigue; distribution system reliability; induction motors; synchronous machinery.

Pulp and Paper Industry Technical Conference, 1978 IEEE, held May 2-5, 1978 in Atlanta, GA; sponsored by IEEE IA. Conf. Record 97p. LC 74-136000 \$10.00 78CH1348-2 IA OOP 1B

Coverage: Design and management of electrical systems within the pulp and paper industry.

Quantitative Management: Software Cost Estimating, Tutorial, held at the IEEE Computer Society's 1st International Computer Software and Applications Conference (COMPSAC 77), Nov 8-11, 1977 in Chicago, IL. Tutorial 326p. LC 77-92045 \$13.50 EH01297 OOP 8. See Jan 1978 bulletin for Conf. Proceedings.

Coverage: Life cycle costing of large-scale application software from the viewpoints of a government sponsor (or customer) and a contract software developer.

- Reliability Physics, 16th Symposium, held Apr 18–20, 1978 in San Diego, CA; sponsored by IEEE ED and IEEE R. Proceedings 284p. LC 76-180194 \$16.00 78CH1294-8 PHY OOP 1D, F Sessions on: Integrated circuit and LSI reliability; failure analysis; packaging technology and reliability; field effect and electrical discharge phenomena; humidity and moisture related effects; packaging and passive components; reliability of EPROM devices; metallization and contacts.
- Rural Electric Power Conference, 22nd IEEE, held Apr 30-May 2, 1978 in Minneapolis, MN; sponsored by IEEE IA and IEEE Twin Cities Section. *Digest* 144p. LC 78-54865 \$24.00

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78CH1339-1 IA OOP 1B

Coverage: Regulator and capacitor applications; voltage dips; phase conversion systems; subtransmission line uprating; automatic meter reading; National Electrical Safety Code, 1977 ed.; distribution transformers; cost analysis for rural distribution systems; treeing in solid dielectrics.

Solid-State Circuits Conference (ESSCIRC), 3rd European, held Sep 20-22, 1977 in Ulm, Germany; sponsored by IEEE SSC. Selected papers in *IEEE Journal of Solid-State Circuits* Vol. SC-13 No. 3 Jun 1978 \$10.00 JH44354. Digest published by VDE-Verlag, Berlin, West Germany. (Not distributed under OOP).

Scope: VLSI circuits; storage techniques; circuits for high frequencies or high bit rates; functional circuits which comprise digital and analog circuitry.

Textile Industry Technical Conference, 1978 IEEE, held Apr 20-21, 1978 in Atlanta, GA; sponsored by IEEE IA. Conf. Record Approx. 70p. LC 74-15927 \$10.00 78CH1334-2 IA OOP 1B

Scope: Electrical equipment applications for the textile industry, with emphasis on proven energy conservation techniques.

Thermoelectric Energy Conversion, 2nd International Conference on, held Mar 22-24, 1978 in Arlington, TX; sponsored by IEEE Region 5, IEEE Fort Worth Section and U. of Texas at Arlington *Proceedings* 137p. LC 78-1173 \$30.00 78CH1313-6 REG 5 OOP 1H

Sessions on: TE materials and properties; novel applications; TE device analysis; TE systems; TE generators.

Trends and Applications 1978: Distributed Processing [Symposium], held May 18, 1978 in Gaithersburg, MD; sponsored by IEEE C, IEEE Washington Section and US NBS. *Proceedings* 160p. \$12.00 78CH1365-6 C OOP 1E

Sessions on: Office automation; network security; analytical studies; network architectures and implementations.

- Ultrasonics Symposium, 1977 IEEE, held Oct 26–28, 1977 in Phoenix, AZ; sponsored by IEEE SU. Abstracts in *IEEE Transactions on Sonics and Ultrasonics* Vol. SU-25 No. 4 Jul 1978 \$10.00 JH44602. See Apr 1978 bulletin for Proceedings. (Not distributed under OOP).
- USNC/URSI Spring Meeting, see Antennas and Propagation Society (AP-S) International Symposium, 1978 and USNC/URSI Meeting
- U.S. Technological Policy Issues, [1st] IEEE Conference on, held Sep 28-30, 1977 in Washington, DC; sponsored by IEEE Technical Activities Board and IEEE United States Activities Board. Proceedings 101p. LC 77-91711 \$6.00 77CH1290-6 TAB/USAB gratis to OOP 1A-H

Coverage: IEEE and U.S. technological policy issues, background material, addresses of Conf. speakers, reports of Conf. Working Groups and a collection of position papers the IEEE has previously generated on public policy issues.

Vehicular Technology Conference, 28th IEEE, held Mar 22-24, 1978 in Denver, CO; sponsored by VT and IEEE Denver Section. Abstracts in IEEE Transactions on Vehicular Technology Vol. VT-27 No. 3 Aug 1978 \$10.00 JH44651. See Jul 1978 bulletin for Conf. Record. (Not distributed under OOP).

Press Books

Reflector Anetnnas, edited by A. W. Love, Rockwell International © 1978 427p. ISBN 0-87942-103-7 LC 77-94519 \$29.95 PC01008 A Book of Selected Reprints.

Contents: Focal Region Fields: Prime Focus Feed Requirements; Radiation Pattern Analysis of Reflectors; Cassegrain and Dual Reflector Systems; Polarization Effects; Offset or Unsymmetrical Reflectors; Lateral Feed Displacement, Scanning and Multiple Beam Formation; Phase Errors and Tolerance Theory; Spherical Reflectors. A total of 65 reprinted papers.

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/Digital Conversion; IEEE Transactions on Circuits and Systems Vol. CAS-25 No. 7 Jul 1978 \$10.00 JH42820 Scope: High-speed and high-accuracy structures and applications; voice frequency applications; testing of AID converters; algorithms and circuits associated with A/D conversion.
- ATE (Automatic Test Equipment); IEEE Transactions on Instrumentation and Measurement Vol. IM-27 No. 2 Jun 1978 \$10.00 JH 43570

Coverage: Automatic test system architecture; automatic test equipment design; automated measurement subsystems; automatic testing technique; automatic control system instrumentation.

Contacts; IEEE Transactions on Components, Hybrids, and Manufacturing Technology Vol. CHMT-1 No. 1 Mar 1978 \$10.00 JH43729

Coverage: Electrical contact papers, including selected papers from the 23rd Holm Conference on Electrical Contacts, (name changed from Seminar to Conference in 1977), held Nov 1-3, 1977 in Chicago and 8th International Conference on Electrical Contact Phenomena, held Aug 22-26, 1976 in Tokyo.

Data Communications in a Mobile Environment; (special section, p. 77-132) IEEE Transactions on Vehicular Technology Vol. VT-27 No. 3 Aug 1978 \$10.00 JH44651

Coverage: Data transmission for mobile radio; redundancy coding; error rate predictions and measurements in the mobile radio data channel; microwave propagation measurements for mobile digital radio application.

Engineering Education; Proceedings of the IEEE Vol. 66 No. 8 Aug 1978 \$10.00 JH42010

Coverage: Secondary, international and continuing education; new programs and delivery systems; accreditation and professionalism; changes in engineering education due to new technology and teaching techniques; viewpoints of engineering education consumers.

Fault-Tolerant Computing; IEEE Transactions on Computers Vol. C-27 No. 6 Jun 1978 \$10.00 JH42572

Coverage: Design, analysis, and fault diagnosis of digital circuits and computing systems.

Fiber Optics; IEEE Transactions on Communications Vol. COM-26 No. 7 Jul 1978 \$10.00 JH42986

Coverage: Early and speculative fiber applications; economics of fibers; analytical studies of receiver performance.

High-Power Microwaves; IEEE Transactions on Microwave Theory and Techniques Vol. MTT-26 No. 5 May 1978 \$10.00 JH43802

Coverage: High-power microwave components, techniques, and applications.

Man-Machine Considerations in Automatic Handprint Recognition; (special section, p. 279-296; selected papers presented at the 1976 International Conference on Cybernetics and Society, see Apr 1977 bulletin for Proceedings) IEEE Transactions on Systems, Man, and Cybernetics Vol. SMC-8 No. 4 Apr 1978 \$10.00 JH44487

Scope: Current state of optical character reader (OCR) technology; studies of character shapes easily printed by hand and readable by machines; applications of automatic and alphanumeric handprint readers.

Microwave Semiconductor Devices; IEEE Transactions on Electron Devices Vol. ED-25 No. 6 Jun 1978 \$10.00 JH43190 Coverage: GaAs FET's; transferred-electron devices and various injection transit-time diodes; new diode fabrication technologies; microwave bipolar transistors; device reliability.

Seismic Data Processing; (special section, p. 80-112, containing 5

of the 11 papers presented at the 1977 Joint Automatic Control Conference, see Oct 1977 bulletin for Proceedings) IEEE Transactions on Geoscience Electronics Vol. GE-16 No. 2 Apr 1978 \$10.00 JH43430

Scope: Spectral estimation; deconvolution of seismic data; state-space-oriented research.

Miscellaneous Publications

Engineers' Employment Contracts Guide; prepared by Frank Cummings for IEEE United States Activities Board (USAB). 1977 38p. \$6.00 UH01271 OOP 3

Scope: Reasoning behind the creation of and clarification of legal aspects of engineers' employment contracts.

IEEE 1977 U.S. Membership Salary and Fringe Benefit Survey, prepared by Abbott, Langer and Associates for the IEEE United States Activities Board (USAB).

 Part I
 70p.
 \$40.00
 UH01255

 Part II
 96p.
 \$40.00
 UH01263

 Part I and II
 \$75.00
 UH01305

Coverage: Part I: descriptive literature, graphics and tables showing salary and fringe benefit information taken from a representative sample of IEEE non-student membership; summary of findings, methodology and validity of the survey. Part II: survey questionnaire, cover letter and Reference Book containing description or codes for information requested in the questionnaire; tables of cross-tabulations of salaries and varying sets of two demographic characteristics.

International Cumulative Index on Radar Systems, edited by D. K. Barton. © 1978 95p. LC 78-51948 \$10.00 JH46755 Coverage: The 1978 edition combines in one consolidated listing all the entries from the 1975 index, published in the IEEE 1975 International Radar Conference, and reprinted in May 1975 issue of IEEE Transactions on Aerospace and Electronic Systems, and its 1977 update in May 1977 issue of the IEEE Transactions.

Library List on Undergraduate Computer Science, Computer Engineering and Information Systems; prepared by a Joint Committee of ACM and IEEE C. © 1978 43p. \$6.00 EH01313

Coverage: Comprehensive bibliography of books that should be contained in a library collection for those institutions which have programs in computer science, computer engineering, and/or information systems.

Tax-Advantageous Individual Retirement Accounts—Are they for You? Prepared by James R. Eisenmann for IEEE United States Activities Board (USAB). 1977 9p. \$5.00 UH01289 OOP 3

Coverage: Guide for understanding an IRA.

You and Age Discrimination: What You Should Know About the Growing Impact of Age Discrimination in Employment on Engineering Professionals Over 40. USAB. 1978 21p. \$6.00 UH01313 OOP 3

Changes in IEEE Periodicals for 1978

New Publication: IEEE Transactions on Components, Hybrids and Manufacturing Technology, published quarterly, commencing with Vol. CHMT-1, No. 1, Mar 1978. Succeeds IEEE Transactions on Parts, Hybrids and Packaging (Vol. PHP) and IEEE Transactions on Manufacturing Technology (Vol. MFT) Subscription price: \$30.00

Conference Records on Microfiche

All 1978 conference records and digests are now also available on microfiche at the same price as listed for the printed editions.

Delivery is made by first class mail (air mail overseas), in contrast to printed copies which are mailed at the book rate and require a longer delivery time.

To order the microfiche edition of any conference publication, enter the appropriate "CM" code in the Publication Order No. column on the order form.

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IEEE Journals on Microfilm comprise an Information System that provides quick access—for viewing or printout—to the fundamental literature of modern electrical and electronics engineering. Both backfiles and updates are available on 16 mm or 35 mm positive or negative film, in cartridges or reels. All film is processed in accordance with archival standards as set by the National Bureau of Standards.

Backfiles: Date from 1884 through 1975 and include all periodicals of the IEEE's predecessor societies—The Institute of Radio Engineers and The American Institute of Electrical Engineers. Purchasers of the complete backfiles of all of the *IEEE Transac*-

tions (1951–1975) are entitled to sizable discounts on the sum of the individual *Transactions* prices.

Annual Updates: Include all IEEE periodicals published since January 1,1976, on a yearly basis. Purchasers of all *IEEE Transactions* on microfilm for a single year receive sizable discounts under the total of the individual *Transactions* prices. They also receive a free copy of the annual combined INDEX TO IEEE PUBLICATIONS for that year.

Available in June, 1978: Microfilmed 1977 issues of all IEEE periodicals.

Further Details: For complete details and price list, ask for catalog No. F-15 Rev. 4/78. Senu your request to: IEEE Service Center, Microfilm Services, 445 Hoes Lane, Piscataway, NJ 08854.

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