



MICROPROCESSOR Architecture & Applications

Just Out . . .

Trends and Applications 1976: Micro and Mini Systems, May 27, 1976.

Two parallel sessions—applications and systems, and language and miscellaneous—are featured. Papers present new research results and practical applications.

Non-members—\$8.00 Members—\$6.00

IEEE Computer Society Micro and Mini Processors Tutorial, May 26, 1976.

Review of recent developments in both minicomputer and microprocessor technology. Emphasis is on changes in instruction sets, evolution of hardware architecture and interfacing schemes, and the state of software for both the mini and micro systems.

Non-members—\$12.00 Members—\$9.00

1976 Conferences

Ninth Annual Simulation Symposium, Record of Proceedings, March 17-19, 1976—375 pp.

This symposium provides a continuing forum for the interchange of ideas, techniques, and applications in the field of simulation. Typical sessions deal with simulation in bio-medicine, aviation, and corporate management, as well as discussions of simulation languages.

Non-members—\$20.00 Members—\$15.00

1976 International Zurich Seminar on Digital Communications, March 9-11, 1976—285 pp.

A continuation of previous Zurich seminars, the 1976 Zurich Seminar deals with recent progress in digital signal processing, digital switching and multiplexing, and digital transmission. Half of the papers presented deal with the impact of modern circuit techniques on terminals, modems, transmission lines, channel banks, multiplexers and switching equipment. The seminar stresses transferring newly acquired knowledge from research to applications in real world communication systems.

Non-members—\$20.00 Members—\$15.00

"The Next Five Years: Evolution or Revolution?" Digest of Papers from COMP-CON 76 Spring, February 26, 1976—231 pp.

The conference focused on products, services, and ideas which can be expected in the computer field within the next five years in the areas of hardware, software, firmware, technology, and applications.

Non-members—\$20.00 Members—\$15.00

Management Auditing of Computer Operations: Text and References for a Tutorial, January 24, 1976—472 pp.

These tutorial notes and references are intended to describe the continuing need for conducting management audits of computer operations. The costs of acquiring, installing, and operating a computer represent only the tip of the iceberg normally visible to management; managers must comprehend the influence the computer has on their ability to manage the whole organization. These subjects, as well as others, are covered in detail in 36 pages of original lecture notes and 436 pages of reprints of 31 articles.

Non-members—\$16.00 Members—\$12.00

Third Annual Symposium on Computer Architecture, January 19-21, 1976—202 pp.

The symposium covers the theory and practice of computer structures and digital system organization. Topics include architecture evolution, hardware descriptive languages, multi-microprocessors, performance evaluation and modeling, applications, hardware/software system considerations, resource sharing and process coordination, recent results, networks, architectures to support software concepts, architectural features for performance enhancement, and secondary storage.

Non-members—\$20.00 Members—\$15.00

1975 Conferences

Proceedings of the Third Symposium on Computer Arithmetic, November 19-20, 1975—256 pp.

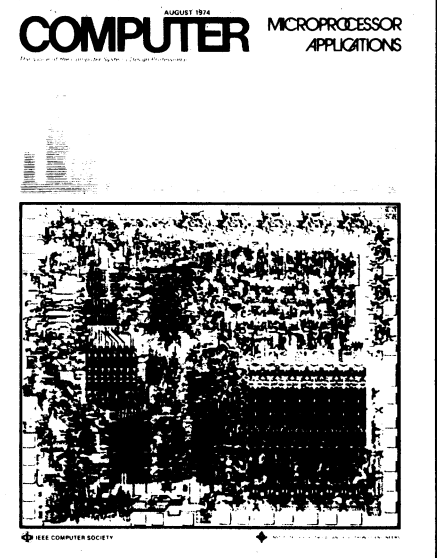
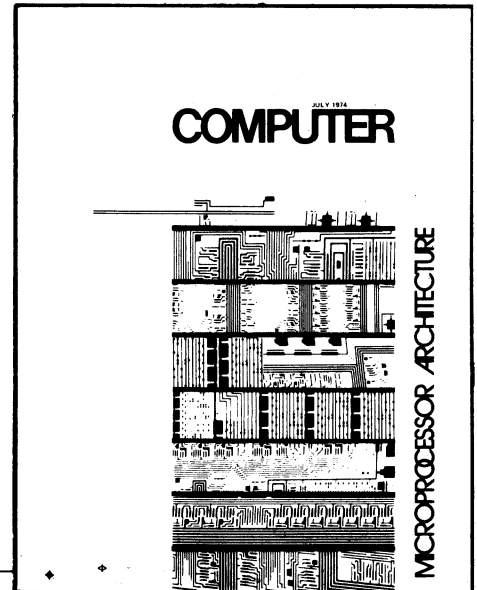
Contains 37 papers from sessions on mathematical foundations of computer arithmetic, control and monitoring of precision, number systems, residue arithmetic and error control, arithmetic algorithms and their analysis, case studies of arithmetic processor design, ultra high speed arithmetic for special purpose, and parallelism and array logic.

Non-members—\$20.00 Members—\$15.00

Proceedings of the Fourth Texas Conference on Computing Systems, November 17-18, 1975—320 pp.

Topics: programming languages, programming methodology, minicomputer systems and architecture, reliability and diagnosis, scheduling and memory management, sequencing and allocation problems, data bases, artificial intelligence, meta-theory, and program testing.

Non-members—\$20.00 Members—\$15.00



Complete set of articles from the July and August 1974 issues of Computer Magazine

All the feature articles from two popular issues, including Joe Weisbecker's "A Practical Low-Cost, Home/School Microprocessor System," recipient of the 1974 award for the best paper appearing in *Computer*.

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