THE BOOKSHELF

To order: Use the multipurpose order form on p. 115.

Sponsored jointly by the IEEE and the Marine Technology Society, this international conference explored developing ocean technology. Sessions centered around law, public policy, and education, thus implementing a forum among technical, educational, and political interests. The conference, considered to be instrumental in achieving cooperation among various disciplines associated with regional development of the ocean, featured nearly 200 papers covering all aspects of man’s activity in the seas. Sold only in two-volume sets.
Non-members—$33.00 Members—$28.00

Recent publications

This tutorial, held in conjunction with COMPSAC 77, covers the life cycle costing of large-scale application software from two viewpoints: that of a government sponsor and that of a contract software developer.
Non-members—$13.50 Members—$10.00

Held in conjunction with COMPSAC 77, this tutorial covers the latest technology, tools, and techniques; effectiveness; and management methods of systematic program testing.
Non-members—$13.50 Members—$10.00

Intended for both beginning and experienced designers, this book contains 23 key papers as well as original material explaining design concepts. The contents include the following areas: introduction, framework of design, elements of design techniques, design tools, design methodologies, examples, and an annotated bibliography.
Non-members—$12.00 Members—$9.00

Workshop proceedings include (1) formal papers covering system architecture using microprogramming, operating system support, higher level language support, and analysis of microinstructional encoding; and (2) numerous papers from workshop sessions covering a broad perspective on the field of microprogramming.
Non-members—$12.00 Members—$9.00

Fifth Data Communications Symposium, September 27-29, 1977—100 pp.
The Data Communications symposia have encouraged researchers to examine the operational, economic, and regulatory—rather than purely technical—aspects of data communications networks. The Fifth DATACOM, dedicated to the widespread use of communications networks, emphasizes practical issues and actual network use. Considerable attention is given to protocols and the impact of networks on host systems.
Non-members—$20.00 Members—$15.00

Tutorial on Distributed Processing, September 6-9, 1977—450 pp.
This tutorial, held in conjunction with COMPCON 77 Fall, provides an introduction to distributed processing concepts. It emphasizes technological issues involving communications, inter-computer coupling, executive software structures, system architecture, component selection, and the allocation of functions and data files to multiple processors.
Non-members—$16.00 Member—$12.00

Digest of Papers from COMPCON 77 Fall: Micros, Minis, and Maxis—Technological Thrust vs. User Requirement, September 6-9, 1977.
Digest of papers presented at the conference treats the following major themes: software, component technology and memories, distributed processing, system technology, applications, peripherals, and microprocessors.
Non-members—$20.00 Members—$15.00