Conferences in which the Computer Society is a sponsor or participant are indicated by the IEEE Computer Society logo; other conferences of interest to our readers are also included. For listing in Calendar, submit information six weeks before the month of publication—e.g., for the June 1981 issue, send information for receipt by April 15, 1981—to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

April 1981

 Tutorial Week East 81, April 6-10, Orlando, Florida. Contact Harry Hayman, PO Box 639, Silver Spring, MD; (301) 589-3386.

 Electro81 Show and Convention (IEEE et al.), April 7-9, New York, New York. Contact Robert Myers, Electronic Conventions, Inc., 999 N. Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965 or (800) 421-6816.

 Second International Conference on Distributed Computing Systems, April 8-10, Paris, France. Contact Prof. E. Gelenbe, LRI, Batiment 490, Universite de Paris-Sud, 91405 Orsay, France.

 MIMI '81 Mexico, 15th International Symposium on Mini and Microcomputers, April 13-16, Mexico City, Mexico. Write to Ing. Jorge Gil, Academic Secretary, MIMI Symposium, IIMAS-UNAM, Apartado Postal 20-728, Mexico 20 D.F. Mexico.

 Indiana University Computing Network’s Eighth Annual Conference on Academic Computing Applications, April 17, Indianapolis, Indiana. Contact the conference director: Kris Froelke, Computing Services, Engineering and Technology Building, 799 W. Michigan, Indianapolis, IN 46202; (317) 264-7813.

 1981 Asilomar Workshop on Microprocessors, April 22-24, Pacific Grove, California. Contact T.A. Lallitoss, 61 Doud Drive, Los Altos, CA 94022; (415) 856-1501.

 Sixth Annual Trenton Computer Festival (IEEE et al.), April 25-26, Trenton, New Jersey. Contact Dr. Allen Katz, Dept. of Engineering Technology, Trenton State College, Hillwood Lakes, PO Box 940, Trenton, NJ 08625; (609) 771-2666.

 Circuits and Systems Symposium, April 27-29, Chicago, Illinois. Contact B. J. Leon, School of Electrical Engineering, Purdue University, West Lafayette, IN 47907.

 Symposium on Computer Security and Privacy, April 27-29, Oakland, California. Contact Dr. George I. Davida, School of Information & Computer Science, Georgia Institute of Technology, Atlanta, GA 30332; (404) 894-3152.

 May 1981

 First Canadian Conference on Industrial Computer Systems, May 4-6, Hamilton, Canada. Contact Joe Wright, Xerox Research Center of Canada, 2480 Dunwin Dr., Mississauga, Ontario, Canada L5J 1J9; (416) 828-6200.

 NCC '81 and Personal Computing Festival, May 4-7, Chicago, Illinois. Contact AFIPS, PO Box 9658, 1815 N. Lynn St., Suite 800, Arlington, VA 22209; (703) 558-3600.


 1981 ACM Symposium on Theory of Computing, May 11-13, Milwaukee, Wisconsin. Contact the publicity chairman: Walter A. Burkard, Dept. of EECS, Mail Code C-014, University of California, La Jolla, CA 92032.

 31st Electronic Components Conference (IEEE et al.), May 11-13, Atlanta, Georgia. Contact Prof. W.A. Porter, EE Dept., Texas A & M University, College Station, TX 77843; (713) 845-7030.

 Eighth International Symposium on Computer Architecture, May 12-14, Minneapolis, Minnesota. Contact Computer Architecture, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

 Technical Committee on Packaging (West), 1981 Workshop, May 13-15, Monterey, California. Contact Ray Useil, Burroughs Corporation, 16701 West Bernardo Dr., San Diego, CA 92127; (714) 451-4397.

 Fifth Symposium on Computer Arithmetic, May 18-19, Ann Arbor, Michigan. Contact Prof. D.E. Atkins, Dept. of Electrical and Computer Engineering, University of Michigan, Ann Arbor, MI 48109; (313) 994-1034.

 June 1981

 11th International Symposium on Multiple-Valued Logic, May 27-29, Oklahoma City, Oklahoma. Contact the general chairman: Dr. Samuel C. Lee, School of EECS, University of Oklahoma, 202 W. Boyd, Rm. 219, Norman, OK 73019; (405) 325-4721.


 Canadian Information Processing Society Conference, June 8-10, Waterloo, Ontario, Canada. Contact Dr. Ronald George, Dept. of Computing and Information Science, University of Guelph, Guelph, Ontario, Canada N1G 2W1.


 First Annual Conference on Decision Support Systems, June 8-10, Atlanta, Georgia. Contact D. Young, School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, GA 30332.

 CONPAR 81, Conference on Analyzing Problem Classes and Programming for Parallel Computing, June 10-12, Nurnberg, F. R. Germany. Contact Prof. David Kuck, Dept. of Computer Science, 222 Digital Computer Laboratory, University of Illinois, Urbana, IL 61801, or Prof. Dr. Wolfgang Handler, IMM, Universitat Erlangen-Nurnberg, Marstenstrasse 3, D-8520 Erlangen, F. R. Germany.

 International Conference on Communications (IEEE Denver Section/Communications Society), June 14-17, Denver, Colorado. Contact ICC 81, PO Box 21291, Denver, CO 80221.

 Second Scandinavian Conference on Image Analysis, June 15-17, Helsinki, Finland. Contact Dr. Olli Simula, Dept. of Technical Physics, Helsinki University of Technology, SF-00100 Espoo 15, Finland.


 Third National Educational Computing Conference, June 17-18, Denton, Texas. Contact the general chairman: Dr. Jim Poirot, CS Dept., North Texas State University, Denton, TX 76203.

 FTC8-11, 1981 International Symposium on Fault-Tolerant Computing, June 24-26, Portland, Maine. Contact Dr. W. C. Carter, IBM Research, PO Box 218, Yorktown Heights, NY 10598; (914) 945-1092.

 18th Design Automation Conference, June 29-July 1, Nashville, Tennessee. Contact David W. Hightower, Texas Instruments, PO Box 25621, Mail Stop 3907, Dallas, TX 75265; (214) 995-7827.

 19th Annual Meeting of the Association for Computational Linguistics, June 29-July 1, Stanford, California. Contact Don Walker, Ar-
BOOK REVIEWS

Recently published books and new periodicals may be submitted for review to the book reviews editor:

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Mathematics Department
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Recent books on microprocessors and their applications have been more like catalogs than textbooks. C. A. Ogdn’s Microcomputer Management and Programming, however, is in neither of these categories, although it leans toward the former. This book is meant to educate software professionals and managers who are conversant with software problems about microcomputer hardware. It partially fulfills this intention.

The first two chapters briefly describe some commercially available microprocessor-based systems, the Speak and Spell system from TI, for example. In the third chapter, the architectures of some of the popular microprocessors (the 8080, the 6800, and the 9900) are explained, using registers as the basic building blocks. The information here is a bit sketchy, but the author has been careful to avoid an overabundance of needless detail. This is not the case in the fourth chapter, where excessive detail in her comparisons of various microprocessors only confuses the reader. A more general approach—one without reference to specific systems—could have been taken, or this chapter could have been placed near the end of the book, where the reader would be in a better position to grasp the information.

The author makes some important practical points in the fifth chapter, in which she covers both memory and I/O, but the coverage of these areas, too, is rather sketchy. The next chapter, on programming, seems to have been included to satisfy the title of the book rather than to provide a serious discussion on the subject. It includes brief discourses on how to approach programming as well as sample programs in some of the familiar languages. Chapter seven, on interfacing technique, could well have been included in the section on I/O. The discussion here centers on UARTs and RS-232 interfacing. The last four chapters provide an overview on how to put a system together, a list of the tools needed for such a project, and a somewhat abbreviated guide to planning a project.

The author’s intention to reach a wide audience is admirable, but has resulted in a book that is alternately too sketchy or too detailed. Further, the word “programming” in the title is misleading—there just isn’t much about it.

Despite these shortcomings, the book can be recommended for those with some knowledge of logic design as well as a basic understanding of microcomputers. However, managers with little or no time to spare (i.e., most managers) will not find this book very helpful.

R. Chandramouli
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