To Join The IEEE Computer Society

The IEEE Computer Society is made up of over 17,000 professionals in the computer field and is the largest technical unit within the 160,000-member Institute of Electrical and Electronics Engineers, Inc. The Society’s charter is to advance the theory and practice of computer and information processing technology. To meet this charter, the Society issues publications including COMPUTER magazine and the Transactions on Computers, sponsors a variety of national, regional and local meetings, and provides each of its members with a broad range of services designed to help them in their profession.

If you would like information on joining the IEEE Computer Society, including a membership form and membership grade requirements, mail us the coupon below. As soon as we receive your request, the information will be on its way to you.

---

A NEW PRENTICE-HALL BOOK ON
COMPUTER LOGIC AND DESIGN

Design Automation of Digital Systems: Theory and Techniques Volume I—Hardware
Melvin A. Breuer, Editor
University of Southern California

A comprehensive presentation of numerous techniques for the use of computers in the design and analysis of new digital systems. Covers logic synthesis, simulation, fault test generation, and physical implementation. The book possesses many unique aspects, such as the material on logic partitioning, placement, routing and test generation. It presents many techniques for logic simulation, including table driven event directed processing, 3-valued logic, and I/O features.

The practical techniques described have either been successfully employed, or have been considered to be useful alternatives in a design automation system. A basic knowledge of digital computers and logical design is required.

January 1972, 495 pp., cloth (19989-3) $15.00

--- 15 day free trial ---

To: PRENTICE-HALL, Box 903
Englewood Cliffs, N.J. 07632

☐ Please send me Design Automation of Digital Systems: Theory and Techniques, Vol. I—Hardware (19989-3) by M. Breuer for 15-day trial examination. If I want to keep the book after 15 days, I’ll send payment of $15.00 plus postage; or I’ll return the book and owe nothing.

Name

Address ____________________________
City ____________________________ State ________ Zip ___________

Dept. 1 ____________________________ D-GERT-KH