November 1975 Contents Volume 8 Number 11

ARTICLES
12 LM^2-A LOGIC MACHINE MINICOMPUTER
   Theodore H. Kehl, Christine Moss, and Lawrence Dunkel

25 INFORMATION PROCESSING WITH AN ASSOCIATIVE PARALLEL PROCESSOR
   R. M. Lea

35 TUTORIAL: COMPUTER SYSTEM ADVANTAGES OF MAGNETIC BUBBLE MEMORIES
   Dileep P. Bhandarkar and J. Egil Julissusen

41 STATIC AND DYNAMIC CHARACTERISTICS OF XPL PROGRAMS
   W. Gregg Alexander and David B. Wortman

51 TUTORIAL: COMPUTER SYSTEM MONITORS
   Gary J. Nutt

62 A BIBLIOGRAPHY ON SYSTEM PERFORMANCE EVALUATION
   A. H. Agajanian

DEPARTMENTS
2 Update
5 Computer Society Roster
34 Data Bases
76 Calendar
79 Editorial Schedule for Transactions and Computer
80 Call for Papers
82 Product Index
85 New Products
90 IC Announcements
91 New Applications
93 Classified Ads
94 Short Courses
94 Advertisers Index
95 Repository
98 The Bookshelf

Reader Service Cards and Order Forms, pp. 83 and 84.

Coming Next Month: Computer Science and Engineering Curricula

Editor and Publisher
True Seaborn
Assistant Editor
Marilyn Potes
Advertising
Dawn Peck
Art Director
Jay Simpson
Production
Ken Duckworth

Technical Editor
Jack E. Shemer
New Products Editor
Demetrios Michalopoulos
Open Channel Editor
James H. Haynes
Book Reviews Editor
Francis P. Mathur
Education Editor
David Irwin

PUBLICATIONS COMMITTEE
Chairman
Dick B. Simmons
Texas A&M Univ.

Rolland B. Arndt
Sperry Rand Corp.

Theodore H. Bonn
Sperry Rand Corp.

Herbert Chang
Bell Labs

Tse-yun Feng
Syracuse Univ.

Harlow Freitag
IBM Corp.

Martin Graham
Univ. of Calif. at Berkeley

David Hsiao
Ohio State Univ.

John R. Lehman
National Science Foundation

E. J. McCluskey
Stanford Univ.

C. V. Ramamoorthy
Univ. of Calif. at Berkeley

Robert A. Short
Oregon State Univ.

Harold S. Stone
Univ. of Massachusetts

Ex Officio:
Richard E. Merwin
U.S. Army BMD Program Office

True Seaborn
IEEE Computer Soc. Xerox Corp.

Jack E. Shemer
Univ. of Texas

EX Officio:
Editor-in-Chief
Syracuse Univ.

BPA Membership
Applied for

November 1975