FEATURE ARTICLES 10 Distributed Processing
Guest Editors Andries van Dam and John Stankovic
13 What is a “Distributed” Data Processing System?
Philip H. Enslow, Jr.
22 An Overview of Two Workshops on Distributed Processing
Richard Eckhouse, John Stankovic, and Andries van Dam
28 The Honeywell Experimental Distributed Processor—An Overview
E. Douglas Jensen
40 System Architecture for Distributed Data Management
Richard Peebles and Eric Manning
48 Operating Systems for Computer Networks
Harry C. Forstieck, Richard E. Schantz, and Robert H. Thomas

SPECIAL FEATURES 60 Interactive Computer Graphics: Poised for Takeoff?
Ware Myers
76 Extending Register-Transfer Technology to Teach Computer Architecture
J. B. Fosling, S. H. Lavington, and J. M. Kelley

DEPARTMENTS
7 From the President
9 Update
82 New Products
88 New Literature
90 Recent IC Announcements
91 Recent Microsystem Announcements
92 New Applications
96 Repository
97 Classified Ads
102 Calendar
103 Call for Papers
112 Book Reviews
114 Advertisers Index
114 Product Index
117 The Bookshelf

Reader Service Cards and Order Forms, pp. 115-116.