1) Beginning this year, this Transactions will be published himonthly in January, March, May, July, September, and November. This increase in the number of issues reflects the increasing support from the computing community, both in terms of the number of papers submitted and number of subscribers.

2) Effective with 1977, a new section on Short Notes will be added. The purpose for this addition is to speed up the processing time for papers which intend to make one specific point—be it a case study, proof of a theorem, description of a tool, etc. The size of short notes should not exceed eight double spaced typed pages (8" × 11")

3) Editorial Board members Barry Boehm, Yaohan Chu, Seymour Jeffery, Dick Simmons, and Robert Simmons have left the Board as of December 31, 1976. During the past two years, they have lent much of their energy and talent in helping to develop the TRANSACTIONS ON SOFTWARE ENGINEERING into a major scientific journal. Sincere gratitude is tendered these gentlemen for their dedication and outstanding contribution to the TSE.

I take pleasure in introducing and welcoming the following new members to the Editorial Board.

RAYMOND T. YEH
Editor

Charles W. Bachman

Charles Bachman is currently a Consulting Engineer for Honeywell Information System’s Advance System Engineering Organization. He has been associated with Dow Chemical Company (1950–1960), General Electric (1961–1970), and Honeywell (since merger of GE and Honeywell Information Systems business in 1970). His assignments have included designing and installing applications systems, designing and implementing data base systems and operating systems, and working on industry standardization committees.

His externally visible contributions and awards include: integrated data store (IDS), data structure diagrams, CODASYL Data Base Task Force, dataBASIC, ANSI/SPARC/Study Group—Database Systems, and AMC Turing Award (1973).

Eric G. Manning (S’65–M’65)

Eric Manning received the B.Sc. and M.Sc. degrees in applied mathematics from the University of Waterloo, Waterloo, Ont., Canada, and the Ph.D. degree in electrical engineering from the University of Illinois, Urbana. He has been an Assistant Professor and Ford Postdoctoral Fellow at the Massachusetts Institute of Technology, and a member of the Technical Staff at Bell Laboratories (Electronic Switching Division).

Since 1968 he has been a member of the Department of Computer Science at the University of Waterloo; he spent the 1970–1971 academic year on secondment to the Science Council of Canada as Project Officer for the Council’s study on computer applications and technology.

He has written a number of articles on automated fault diagnosis in digital systems and on computer communications. He is currently Director of the Computer Communications Networks Group at Waterloo, an interdisciplinary research group doing mission-oriented research in data switching, distributed processing, and network performance measurement. He has lectured extensively on these topics as a member of the IEEE’s Distinguished Visitors Panel, and is an Editor of the journal Computer Networks. His current research interests are in data switching and distributed processing.

Ben Wegbreit (M’71)

Dr. Ben Wegbreit received the B.S. degree from the Johns Hopkins University in 1966 and the Ph.D. degree in applied mathematics from Harvard University in 1970.

From 1970 to 1973, he was an Assistant Professor of Computer Science at Harvard University, where he taught courses in programming languages and methodology, compiler construction, software engineering, and automatic programming. While at Harvard University, his research activities focused on designing and implementing the EL/1 programming language and the ECL programming system. He has consulted for Bolt Beranek and Newman, Intermetrics, and the RAND Corporation in the areas of software engineering, programming language design, and compiler implementation.

Since 1973 he has been a member of the Research Staff in the Computer Science Laboratory at Xerox Palo Alto Research Center. His current research interests include programming languages and systems, program verification, software engineering, and artificial intelligence.

Dr. Wegbreit is the Editor, Programming Languages Department of the Communications of the ACM. He is a member of the ACM and the IEEE Computer Society.

Gerald M. Weinberg

Gerald M. Weinberg is internationally known as author, researcher, consultant, and teacher. He is presently Chief Scientist of Ethnotech, Inc., a consulting-training company dedicated to bringing the insights of the behavioral sciences to bear on the problems of technology. Ethnotech, whose home base is at RFD #2, Lincoln, NE 68505, is known for its state-of-the-art educational materials and training programs.

He received the Ph.D. degree in communication sciences from the University of Michigan. Among his publications are the following books: The Psychology of Computer Programming, Structured Programming in PL/I (with Yasukawa and Marcus), An Introduction to General Systems Thinking, Humanized Inputs (with Gilb), and High Level COBOL (with Kaufman, Wright, and Goetz). He is also coauthor (with D. Geller and T. Plunk) of the film series, Structured Programming. He is Editor of both the Winthrop Computer Systems Series and of computer audiovisual materials for the Robert J. Brady Company.