

Comments from the Editor

ALTHOUGH this is the second issue of the TRANSACTIONS for which I am responsible, I have been intimately involved in the Editorship for about eight months. I appreciate the opportunity to contribute to the exchange of technical information and knowledge among the microwave community in this way.

Beginning with the February 1975 issue there is a slight change in the format of the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES. All of the papers (articles, short papers, and most letters) in the February issue dealt primarily with the theoretical aspects of microwave devices, components, and techniques. The papers in this issue are concerned primarily with application aspects of microwave devices, components, and techniques. In addition, the words "Accent on Theory" and "Accent on Applications" have appeared on the respective covers.

During the past year or two AdCom has expressed the feeling that the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES should contain more application-oriented papers without sacrificing the quality of the papers published. From a simple survey of recent issues of the TRANSACTIONS, it was determined that about 60 percent of the papers (pages) were theory oriented, and 40 percent applications oriented. We decided, therefore, that sufficient emphasis to applications-oriented papers without deemphasizing the theoretical-oriented papers could be provided simply by grouping like papers together in one issue. The February 1975 and March 1975 issues represent the first two issues published under this policy.

Dr. George Oltman has been appointed Associate Editor for Applications. His responsibilities include encouraging authors to submit timely and important application-oriented papers, assist in the reviewing process, and help to identify qualified members to add to the existing Editorial Review Board. He will also help to identify topics and authors for tutorial papers.

To insure that the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES remain on a sound financial basis and that we can continue to publish all worthy papers, Dr. David Wait has been appointed Associate Editor for Business. He will coordinate the activities of those who are involved in obtaining revenue for the TRANSACTIONS as well as obtaining economical printing consistent with our standards for a quality publication.

It is my intention to continue two of the policies instituted by the previous Editor(s). First, that any paper that exceeds the equivalent of 20 double-spaced typewritten pages and 18 figures will be returned to the author unreviewed. We are limited in the number of pages that can be published in any one year and have been receiving over 200 new papers each year. Of necessity, therefore, we must limit the number of pages in any one manuscript. On occasion, a longer paper may be justified, but past experience indicates that this is very rare. Secondly, we will continue to print full articles, short papers, and letters on the topics which have appeared in previous issues. We will seek to encourage papers in new areas which employ the disciplines embodied by microwave theory and techniques. New and developing areas will be highlighted in special issues.

Finally, I would like to express my appreciation to Fred Rosenbaum, the Associate Editors, John Bandler, Martin Caulton, and T. Okoshi, and the Editorial Review Board for their past service. They have helped make the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES an outstanding professional journal. Barry Perlman will be replacing John Bandler as the Associate Editor for Computer Programs, and we are happy to welcome him.

DON PARKER, *Editor*



Don Parker (M'63-SM'72) was born in Ogden, Utah, on January 14, 1933. He received the B.S. degree from Brigham Young University, Provo, Utah, in 1953, the M.S. degree from Harvard University, Cambridge, Mass., in 1957, and the Sc.D. degree from the Massachusetts Institute of Technology, Cambridge, in 1964.

He has engaged in research and teaching since 1957 when he was appointed as a Staff Associate at M.I.T. Lincoln Laboratory. Until entering the Air Force in 1961, his research included various problems in field theory, electromagnetic radiation, and acoustical wave propagation. As a First Lieutenant in the U.S.A. Air Force Electronics System Division, he managed an applied research program to develop improved design methods for information and communication systems. In 1964 he became a Staff Member in the Space Communication Division of M.I.T. Lincoln Laboratory where he performed research on the generation of high microwave power using solid-state devices. His theoretical and experimental research includes the design of high-power stable-frequency multipliers, transient analysis of frequency multipliers, and analysis of oscillations in bulk effect semiconductors and avalanche diodes. He joined Stanford Research Institute, Menlo Park, Calif., in 1969, and continued research on the high-efficiency modes in avalanche diode oscillators. In November 1972 he was appointed Director of the Electromagnetic Techniques Laboratory at Stanford Research Institute, and his research activities now cover a wide range of microwave components and subsystems including techniques for broad-band radar cross-

section enhancement and measurements. Concurrent with his research he has taught graduate and undergraduate courses at Brigham Young University, Massachusetts Institute of Technology, Northeastern University, and San Jose State College.

Dr. Parker was a Gordon McKay Fellow at Harvard University. He is a member of the IEEE Microwave Theory and Techniques Society and the IEEE Electron Devices Group. He is a member of Tau Beta Pi, Sigma Xi, and Phi Kappa Phi. He is a member of MTT-S Administrative Committee and is currently serving as Editor of this TRANSACTIONS.