

Editorial

AS THE outgoing Editor of this TRANSACTIONS I look back at three interesting years. I ask myself what has been accomplished for the MTT-S membership and the authors. Since there is very little feedback from the readers I like to think that, at least based on the number of papers rejected, only about 25 percent of the authors who have submitted papers to me are dissatisfied with my performance. Over these three years a total of 588 papers plus 10 special issues have been published.

I am pleased to report that the interval between time of submission and publication has, on the average, been reduced by more than three months. In cases where it was judged to be appropriate, the time from submission to publication has been as short as four months. This was done primarily in the case of the so-called "Application Papers," in response to continued demand for such papers from our membership and as an encouragement for potential authors to submit such papers. This, of course, put additional pressure on the reviewers and could not be done for all papers. Interestingly enough I found that many times, once I had notified authors of the acceptance of their manuscript for publication, it took them longer to get the final manuscript back to me than the entire review interval.

In response to our members' stated need for tutorial and/or review papers, I have been at least partly successful. This request is not easily satisfied since potential authors who are experts in the particular field of interest are very often reluctant to spend the time to write such a paper because of other commitments or simply because they already have an outstanding publication record.

Concerning the format of this TRANSACTIONS, the number of pages was increased mainly by reducing the backlog and by publishing special issues. Photos and biographies have been added at the end of each article for the convenience of the readers as well as in order for them to appear on the reprints.

I am especially fond of having added the Patent Abstracts and hope you find them useful. I am very grateful

to my colleague and Associate Editor, Norman R. Dietrich, for having taken on this task.

The other Associate Editors have also done an excellent job. Dr. E. Yamashita and, before him, Dr. T. Okoshi have diligently provided the yearly Asian Abstracts. H. George Oltman has been busy interacting with the Guest Editors and IEEE Headquarters on special issues. George also deserves a special "thank you" for his excellent job on the 28 Year Index.

I would also like to thank MTT-S Adcom for their confidence, for supporting my editorial policy and style, and especially for approving my requests for more and more pages.

The most important asset to any editor is the members of the Editorial Review Board who, in a truly professional manner, spend a lot of time reviewing papers with no explicit public recognition. I have tried not to overburden them, even though I am sure that I went to the very limit with some. I have tried to recognize and treat them as the professionals they are, who were serving with me as a team for the benefit of the members of MTT-S trying to maintain the high standard and archival value of this TRANSACTIONS. I sincerely appreciate their effort.

Interactions with IEEE Headquarters have been very smooth, mainly because of Ms. Gail Ferenc's efficient and gracious response to my continuous pushing to stay on schedule.

Finally I am indebted to my employer, Bell Telephone Laboratories, Inc. for allowing me to spend the time on this activity and for providing the very important secretarial support.

As I leave, I look with confidence into the future of the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES and am very pleased to pass this responsibility on to Dr. T. Itoh, whose qualifications for this assignment are superb. I wish him the best of luck!

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Reinhard H. Knerr (M'71–SM'73–F'80) received the B.S.E.E. degree from the Technical University, Aachen, Germany, in 1960, the Dipl. Ing. degree from École Nationale Supérieure d'Électrotechnique, d'Électronique et d'Hydraulique, Toulouse, France, in 1962, and the M.S. and Ph.D. degrees in 1964 and 1968, respectively, from Lehigh University, Bethlehem, PA. From 1963 to 1964 he was a NATO scholar.

He joined Bell Laboratories, Allentown, PA, in 1968. He has been involved in R&D of circulators, MIC's, microwave power amplifiers using IMPATT's, bipolar transistors, and GaAs FET's. He studied linearization schemes for solid-state power amplifiers, developed low-noise GaAs FET amplifiers, and satellite receivers. He is presently Supervisor of the Optical Switch and Integrated Optics Group.