

programs which are widely adaptable to a variety of problems. There are, in some cases, commercial difficulties associated with public release of program listings because of the competitive nature of our industry. Nevertheless, the trend to computer-aided design is continuing and will, no doubt, become the most indispensable technique in the profession. In reading the TRANSACTIONS, one does not get this impression. I, for one, would like to see more emphasis on the adaptation of our theoretical design papers to machine computation. In some cases, publication of a program listing might occur in the TRANSACTIONS. This problem needs further study, and I have no more concrete suggestions to make at this time.

Another problem is sometimes evident with papers which are predominantly experimental. For commercial or other reasons, the device of interest may be inadequately described, perhaps to avoid giving useful information to competitors. The gist of such papers is "Gee-whiz, look at these wonderful results I achieved. It's too bad that I can't tell you how I did it."

### III. SPECIFIC SUGGESTIONS

1) I think we should attempt to change the editorial policies of the MTT TRANSACTIONS regarding the content of papers which are acceptable. Particular needs for change are as follows.

a) Engineering usefulness should be the primary criterion for acceptance. This may be broadly interpreted. It will require the exercise of judgment on the part of the editors and reviewers and it is not easy to enforce. We wish to avoid purely mathematical exercises, but, encourage both experimental and theoretical papers which present new methods and/or new results which will affect the practice of microwave engineering.

b) The significant results of each paper should be pointed out, and made as clear as possible by the use of graphs, tables, dimensioned drawings, or other appropriate means.

c) In experimental papers, the critical parameters of the device should be adequately described to permit duplication of the experiment by one "skilled in the art."

d) The abstract should be designed to tell each reader whether or not the paper will be useful to him. This should include a summary description of the problem, what was done, and what is the engineering meaning of the paper.

To help make changes come about, I suggest that our publication policies be thoroughly reviewed and hopefully revised, perhaps drastically. A new policy statement should be prepared and published in the TRANSACTIONS. Furthermore, it should be separately printed as a monograph for free distribution to anyone planning to write a paper, and its availability should be referred to in each issue under a heading "Information for Authors" on the "masthead" page inside the front cover, or inside the back cover as in the ED TRANSACTIONS. This policy statement should describe the various criteria for acceptance and might also include information about IEEE standards for terminology, typing, mathematical symbolism, etc.

2) I object to the present policy of returning, without review, any paper longer than 20 typewritten pages and 18 illustrations. (Actually, this has not been strictly enforced.)

3) I see no point in separating "applications oriented" and "theoretical" papers into separate issues. This results in publication delays, and little else that I can see. (In my opinion all

papers should be applications oriented even when their content is entirely theoretical.)

4) A paper is a paper, whether "long" or "short." I see no point in segregating papers on the basis of length, which seems to imply a difference in value or importance. A good paper may be quite short, a poor paper may be very long.

I suggest that many of the papers now called "short" might be classified as "engineering notes" instead and segregated in the same manner as "short papers" are now. I believe that there is value in publishing short simple contributions which describe new and useful techniques in the practice of microwave engineering. These may be experimental or theoretical or mixed. More contributions of this sort should be encouraged.

5) Letters are an important part of the TRANSACTIONS. A technical contribution should be published as a letter if speed is important because of the newsworthiness of the subject matter. Of course, this implies that correspondence should be handled speedily in the editorial process. More letters should be encouraged by the editors.

6) Budgetary matters have become a dominant consideration in our publications policy. We need more money to be able to publish more of the kinds of papers that microwave engineers need and want. I understand that we are now accumulating a backlog of "accepted" but unpublished papers. I also hear that our printing is done abroad to save money, but this results in 1-2 months extra delay in distribution. This is a deplorable situation. If we can increase the clarity and usefulness of the papers we present, we might increase the membership in S-MTT and the number of subscribers. I presume that would help. In addition, I recommend that the TRANSACTIONS seek and accept advertising much as was done in the old IEEE and IRE Proceedings of the early 1960's and before. Advertising is often newsworthy and is avidly read by many practicing engineers. It will, in my opinion, help to increase our readership, as well as provide additional revenue. Advertising matter should be separated from editorial matter to permit deletion and compact binding and to avoid the confusion of mixed material on a single page.

### Correction to "Different Representations of Dyadic Green's Functions for a Rectangular Cavity"

PAWEL ROZENFELD

In the above paper,<sup>1</sup> I noticed two small errors. The first one is the lack of the tilde over term  $\nabla' \times \tilde{G}_e(\tilde{R}'/\tilde{R})$  in the surface integral of (20) (p. 599). The second one is the lack of the prime over  $I_0$  in the expression for  $B_2$  in the left column, fifth line from the bottom on p. 601.

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<sup>1</sup> C. T. Tai and P. Rozenfeld, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-24, pp. 597-601, Sept. 1976.