

Microwave Prize

The Professional Group on Microwave Theory and Techniques has established the Microwave Prize to recognize annually a significant paper which appeared in the IRE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES. In selecting the paper, consideration is given primarily to the subject of the contribution and secondarily to its presentation. The award consists of a certificate, a monetary sum of \$100, and a feature publication in these TRANSACTIONS. If the paper has more than one author, the monetary sum is to be divided equally among the authors.

—The Editor



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"A Semi-Infinite Array of Parallel Metallic Plates
of Finite Thickness for Microwave Systems"

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We are pleased to announce that the Microwave Prize for 1956 has been awarded to Dr. Robin I. Primich for the subject paper. The paper deals with the reflection at the flat face of a "metal lens" of the phase-advancing type. The treatment is a skillful application of the variational method of approximation. The theory predicts an unobvious advantage in using plate thicknesses of up to about two-thirds as great as the intervening air thickness to minimize the reflection, and this is verified by experiment. This paper is one of a series of contributions by Dr. Primich relating to this subject.

We commend Dr. Primich on this fine contribution and hope that subsequent recipients of the prize will continue this high standard.

W. L. PRITCHARD, *Chairman*
PGMTT Administrative Committee