

Abstracts

Report of Advances in Microwave Theory and Techniques in Western Europe-1958

G. Goudet. "Report of Advances in Microwave Theory and Techniques in Western Europe-1958." 1959 Transactions on Microwave Theory and Techniques 7.3 (Jul. 1959 [T-MTT]): 327-330.

A member of Philips Research Laboratory, Eindhoven, Holland, has used a new method to calculate the radiation impedance of a linear antenna in a waveguide of rectangular cross-section, viz., Schwingers' variational principle. This new application, even when based on only a two-term Fourier expansion of the current distribution, gives better results than a sinusoidal current distribution.

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