

# Abstracts

## Analysis of Edge-Coupled Elliptical (Oval) Rods Between Infinite Ground Planes (Short Papers)

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K.V.S. Rao and P. Bhartia. "Analysis of Edge-Coupled Elliptical (Oval) Rods Between Infinite Ground Planes (Short Papers)." 1989 *Transactions on Microwave Theory and Techniques* 37.8 (Aug. 1989 [T-MTT]): 1260-1263.

The paper presents an analysis of the even- and odd-mode impedances for a generalized edge-coupled structure consisting of two elliptical (oval) conducting rods. Data on the even- and odd-mode impedances for different special cases of the generalized elliptical (oval) structure are presented. Some special cases of the present formulation are compared with results available in the literature.

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