

# Abstracts

## Complex Modes in Boxed Microstrip

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*C.J. Railton and T. Rozzi. "Complex Modes in Boxed Microstrip." 1988 Transactions on Microwave Theory and Techniques 36.5 (May 1988 [T-MTT] (Special Issue Commemorating the Centennial of Heinrich Hertz)): 865-874.*

Previously published results for the higher order modes of microstrip have been restricted to a few modes, whereas for the analysis of discontinuities as many as a hundred modes must be taken into account. A method of obtaining the propagation coefficients and field patterns of a large number of modes with a minimum of computational effort is described. This includes the "complex modes" recently reported in microstrip. In addition the characteristic impedance of microstrip is efficiently calculated.

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