

# Abstracts

## Hybrid-Mode Analysis of Microstrip by Finite-Element Methods

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*P. Daly. "Hybrid-Mode Analysis of Microstrip by Finite-Element Methods." 1971 Transactions on Microwave Theory and Techniques 19.1 (Jan. 1971 [T-MTT]): 19-25.*

A numerical analysis is presented in terms of finite elements of hybrid-mode propagation in closed microstrip. Two modes with zero frequency cutoff are described; one is a quasi-TEM mode and the other a surface mode. Also investigated is a third mode which corresponds to the lowest order waveguide mode in the absence of the strip.

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