

# Abstracts

## An Approximate Analysis of Rib Waveguides

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*H. Shigesawa, M. Tsuji and K. Takiyama. "An Approximate Analysis of Rib Waveguides." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 322-324.*

The transmission characteristics of dielectric rib waveguides are analyzed by the approximate mode matching method and their experiments with newly developed techniques confirm the validity of our analysis. Moreover, a more advanced method in consideration of the coupling between TE and TM modes is discussed.

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