

# Abstracts

## The Ferrite-Loaded Waveguide Discontinuity Problem (Dec. 1974 [T-MTT])

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*F.J. Bernues and D.M. Bolle. "The Ferrite-Loaded Waveguide Discontinuity Problem (Dec. 1974 [T-MTT])." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1187-1193.*

A method is presented to obtain the scattering matrix of two-port junctions consisting of a waveguide inhomogeneously loaded with ferrite. Some approximations are discussed and numerical results obtained for the dielectric-loaded twin-slab phase shifter in rectangular waveguide.

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