

# Abstracts

## Analysis of Microwave Ferrite Devices by the Transfinite Element Method

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J.-F. Lee and Z.J. Cendes. "Analysis of Microwave Ferrite Devices by the Transfinite Element Method." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 883-886.

The transfinite element method is used to model microwave ferrite devices. It is shown that this procedure is both easy to set up and inexpensive to solve. A computer implementation is described that gives the fields and scattering parameters in microwave ferrite devices of arbitrary two-dimensional geometry.

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