

# Abstracts

## The Method of Lines for the Rigorous Full Wave Analysis of Rectangular Bends of Multiple-Line-Systems

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*F.J. Schmucke and R. Pregla. "The Method of Lines for the Rigorous Full Wave Analysis of Rectangular Bends of Multiple-Line-Systems." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 797-800.*

A new full-wave analysis for the consistent investigation of the electrical characteristics of rectangular bends of coupled lines using the Method of Lines is presented. The scattering matrices and the equivalent circuits are determined. As an application the analysis is used in the investigation of the electrical properties of rectangular spiral inductors.

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