

Abstracts

A robust and efficient method for the frequency domain analysis of non-uniform, lossy multi-line transmission structures

N. Boulejfen, A.B. Kouki and F.M. Ghannouchi. "A robust and efficient method for the frequency domain analysis of non-uniform, lossy multi-line transmission structures." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1763-1766.

A new efficient and robust method of moment-based formulation for the analysis of non-uniform, lossy multi-line transmission structures is proposed. The stability and speed of this method are demonstrated by analyzing different non-uniform structures. The performances obtained show the proposed approach to be suitable for CAD applications.

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