

Abstracts

A New Method for the Time-Domain Analysis of Lossy Coupled Transmission Lines

R. Griffith and M. Nakhla. "A New Method for the Time-Domain Analysis of Lossy Coupled Transmission Lines." 1990 MTT-S International Microwave Symposium Digest 90.2 (1990 Vol. II [MWSYM]): 645-648.

A new method, based on numerical inversion of the Laplace transform, is presented for the analysis of lossy coupled transmission lines with arbitrary linear terminal and interconnecting networks. The method is more reliable and efficient than previously published techniques based on the fast Fourier transform.

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