

# Abstracts

## Time-Domain Analysis of Lossy Coupled Transmission Lines

---

*J.R. Griffith and M.S. Nakhla. "Time-Domain Analysis of Lossy Coupled Transmission Lines." 1990 Transactions on Microwave Theory and Techniques 38.10 (Oct. 1990 [T-MTT]): 1480-1487.*

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.

 [Return to main document.](#)