

Abstracts

Analysis of Time Response of Lossy Multiconductor Transmission Line Networks

A.R. Djordjevic and T.K. Sarkar. "Analysis of Time Response of Lossy Multiconductor Transmission Line Networks." 1987 Transactions on Microwave Theory and Techniques 35.10 (Oct. 1987 [T-MTT]): 898-908.

Systems are considered consisting of an arbitrary number of multiconductor transmission lines joined and terminated by arbitrary linear networks. The lines are assumed to be lossy, with frequency-dependent parameters. The system is analyzed in the frequency domain, and the inverse Fourier transform is used to obtain the time-domain response.

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