

# Abstracts

## Analysis of Time Response of Lossy Multiconductor Transmission Line Networks

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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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