

# Abstracts

## The Admittance Matrix of Coupled Transmission Lines (Letters)

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A.I. Grayzel. "The Admittance Matrix of Coupled Transmission Lines (Letters)." 1974  
*Transactions on Microwave Theory and Techniques* 22.10 (Oct. 1974 [T-MTT]): 902-904.

An alternate derivation of the admittance matrix of n coupled lines is presented. The method uses the superposition of two modes of excitation analogous to the even and odd mode excitation used for the analysis of two coupled lines. Only mutual capacitance to adjacent lines is considered.

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