

Abstracts

On Some Integral Relationships for Commensurate Transmission-Line Networks

E.G. Cristal. "On Some Integral Relationships for Commensurate Transmission-Line Networks." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 57-59.

Several integral relationships are presented for commensurate transmission-line networks. The integrals focus on the fact that $Z(1)$ for such networks, where $Z(S)$ is the input immittance of the network, is associated with a real or redundant unit element prefacing the network. Three bandwidth restrictions are derived. Some applications of the integral relationships are presented.

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