Abstracts

On Some Integral Relationships for Commensurate Transmission-Line Networks

Several integral relationships are presented for commensurate transmission-line networks. The integrals focus on the face 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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