

Abstracts

Error Considerations in the Design of Microwave Transistor Amplifiers

S.O. Scanlan and G.P. Young. *"Error Considerations in the Design of Microwave Transistor Amplifiers."* 1980 *Transactions on Microwave Theory and Techniques* 28.11 (Nov. 1980, Part I [T-MTT]): 1163-1169.

In the design of microwave transistor amplifiers it is frequently of value to consider an idealization where the actual device is replaced by one with the reverse transfer parameter S_{12} set to zero, while other S-parameters remain unchanged. In this communication bounds are derived on errors which may result from use of such an idealization.

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