

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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