

Abstracts

Integrated Approach to Microwave Design (1975 [MWSYM])

J.W. Bandler, P.C. Liu and H. Tromp. "Integrated Approach to Microwave Design (1975 [MWSYM])." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 204-206.

A new concept of practical design applicable to microwave circuits and involving, in general, simultaneous centering, tolerancing and tuning is presented. The worst-case tolerance problem falls out as a special case. With such an integrated approach, designs previously regarded as unrealistic might be made more attractive. Practical implementation involving, for example, nonideal components and uncertain reference planes is also treated in this paper from the tolerance point of view.

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