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Computer-aided design of RF and microwave circuits

Tools

Steer, MB, Bandler, JW and Snowden, CM (2002) *Computer-aided design of RF and microwave circuits and systems*



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Abstract

The history of RF and microwave computer-aided engineering is documented in the annals of the IEEE Microwave Theory and Techniques Magazine. This paper presents analytically based models of microwave components and simple computer-aided techniques to cascade, cascade, and optimize the responses of linear microwave circuits. Development has become rapid with computer-oriented microwave practical modeling and optimization globally model and optimize large circuits. The pursuit of accurate models of active devices and of passive components is a major challenge.

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