Abstracts

Microwave Device Modelling Using Efficient l/sub 1/ Optimization: A Novel Approach (1986 [MWSYM])

A powerful modelling technique which exploits the unique properties of the l/sub 1/ norm is presented. Self-consistent models for passive and active devices are achieved by an approach that automatically checks the validity of model parameters obtained from optimization. Practical use of an efficient l/sub 1/ algorithm in complicated problems for which gradient evaluation may not be feasible, is discussed, Examples in modelling of multi-coupled cavity filters and GaAs FET's are presented.

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