

Abstracts

Fast Rigorous Analysis of Shielded Planar Filters

C.J. Railton and S.A. Meade. "Fast Rigorous Analysis of Shielded Planar Filters." 1992

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Much interest has been shown by industry and in the literature regarding the analysis of complex planar components such as are found in modern (M)MIC's. Many of the published results have, however, required the use of a large computer. In this contribution a technique is described whereby rigorous analyses of moderately complex planar circuits may be obtained on a relatively small desktop computer. Results obtained using a personal computer are presented for several planar filter geometries. These are in good agreement with published results which use more computationally expensive techniques.

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