

Abstracts

Analysis of Planar Structures by an Integral Multi-Scale Approach

M. Nadarassin, H. Aubert and H. Baudrand. "Analysis of Planar Structures by an Integral Multi-Scale Approach." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 653-656.

A Multi-scale Integral Method based on the intermediate basis concept is proposed. This method is particularly well-adapted to the rigorous determination of the impedance viewed by an active element placed on a complex circuit of small dimensions which is itself integrated on a large planar structure. A patch including a small circuit is characterized.

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