# Abstracts

## A Combination of Quasistatic Approach with an Integral Method for the Characterization of Microwave Planar Circuits

*P. Taillardat, H. Aubert and H. Baudrand. "A Combination of Quasistatic Approach with an Integral Method for the Characterization of Microwave Planar Circuits." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 417-420.*

We propose the modelling of elements of small dimensions (at least one dimension small by respect to the wavelength) in a planar circuit by a quasistatic approach, and the rest of the circuit by a rigorous integral method including sources. This mixed method is applied to the study of a M.I.M. (Metal-Insulator-Metal) capacitor. Numerical results are in good agreement with experimental data.

❑ Return to main document.