

Abstracts

Field-Theoretic Foundation of Two-Dimensional TLM Based on a Rectangular Mesh

M. Krumpholz, P. Russer, Q. Zhang and W.J.R. Hoefer. "Field-Theoretic Foundation of Two-Dimensional TLM Based on a Rectangular Mesh." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. 1 [MWSYM]): 333-336.

Applying the Method of Moments with subdomain base functions to Maxwell's equations, the two-dimensional TLM method for rectangular TLM cells of arbitrary aspect ratio is derived from first principles of field theory.

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