Abstracts

Functionals in the Variational Method Applied to Equivalent Impedance Matrix of Metallic Posts Unsymmetrically Positioned in a Rectangular Waveguide

T. Toyama and E. Sawado. "Functionals in the Variational Method Applied to Equivalent Impedance Matrix of Metallic Posts Unsymmetrically Positioned in a Rectangular Waveguide." 1992 Transactions on Microwave Theory and Techniques 40.8 (Aug. 1992 [T-MTT]): 1655-1660.

New functional for calculation of a variational method of equivalent impedance matrix elements of a metallic post have been proposed, in which the cross section shape of the metallic post can be arbitrary, and the post can be placed at an arbitrary position in a rectangular waveguide. The functional are also applicable to a group of metallic posts placed unsymmetrically on the z = constant plane.

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