Abstracts

Spectral-Domain Computation of Characteristic Impedances and Multiport Parameters of Multiple Coupled Microstrip Lines (Comments and Reply)

In the above mentioned paper the authors present an extensive discussion of the problem of systems of coupled lines. The spectral domain technique is used to extract the dispersion relations of the structure along with the corresponding current densities on the different lines. However, in equation (7) page 216, they state that the eigencurrent matrix $[M_l]$ and the corresponding eigenvoltage matrix $[M_v]$ are related by $[M_v] = [[M_l]^T]^{-1}$.

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