

Abstracts

On the Theory of Coupling Between Finite Dielectric Resonators (Short Papers)

L. Petterson. "On the Theory of Coupling Between Finite Dielectric Resonators (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.9 (Sep. 1976 [T-MTT]): 615-619.

The coupling coefficients between open dielectric resonators in three useful dielectric-filter configurations, calculated from an electric rather than from a magnetic excitation of the fields, are given. The limitations of the latter method are pointed out and experimental results are given which supports the first method and shows that the differences cannot always be neglected.

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