

Abstracts

On the Location of Leaky Wave Poles for a Grounded Dielectric Slab (Short Papers)

C.G. Hsu, R.F. Harrington, J.R. Mautz and T.K. Sarkar. "On the Location of Leaky Wave Poles for a Grounded Dielectric Slab (Short Papers)." 1991 Transactions on Microwave Theory and Techniques 39.2 (Feb. 1991 [T-MTT]): 346-349.

A simple numerical procedure is implemented to find the loci of the TE and TM leaky wave poles for a grounded dielectric slab as the frequency or the thickness varies. Information on how these complex poles are distributed is very important when various deformed integration paths for Sommerfeld integrals are considered.

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