

Abstracts

Complex Image Method for Sources in Bounded Regions of Multilayer Structures

R.A. Kipp and C.H. Chan. "Complex Image Method for Sources in Bounded Regions of Multilayer Structures." 1994 *Transactions on Microwave Theory and Techniques* 42.5 (May 1994 [T-MTT]): 860-865.

Other researchers have employed complex image theory to rapidly evaluate spatial-domain Green's functions in layered media. While workable in instances where the source lies within or at the interface of an unbounded region, the more general methodology given for a source embedded in a dielectric layer is incorrect. This paper explains the nature of the error and how it can be corrected.

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