

Abstracts

Three-Dimensional Finite, Boundary, and Hybrid Element Solutions of the Maxwell Equations for Lossy Dielectric Media (Comments and Reply)

C.W. Crowley, P.P. Silvester and D.R. Lynch. "Three-Dimensional Finite, Boundary, and Hybrid Element Solutions of the Maxwell Equations for Lossy Dielectric Media (Comments and Reply)." 1988 Transactions on Microwave Theory and Techniques 36.10 (Oct. 1988 [T-MTT]): 1459-1459.

We would like to offer our observation on the interesting paper by Paulsen, Lynch, and Strohbehn. Specifically, we would like to point out a potential source of error with the finite element analysis of the vector wave equation. The difficulty is perhaps better known in the context of vector eigenvalue problems, rather than in externally driven problems such as those considered by the authors.

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