

Abstracts

A conductive wedge in Yee's mesh

P. Przybyszewski and M. Mrozowski. "A conductive wedge in Yee's mesh." 1998 Microwave and Guided Wave Letters 8.2 (Feb. 1998 [MGWL]): 66-68.

The authors present a correction of the finite-difference (FD) methods employing Yee's mesh, improving the accuracy when conductive edge corners are present in the analyzed structure. The algorithm allows the wedge to be arbitrarily located with respect to the grid points and yields significant error reduction.

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