

Abstracts

Optimization of subgridding schemes for FDTD

*Shumin Wang, F.L. Teixeira, R. Lee and Jin-Fa Lee. "Optimization of subgridding schemes for FDTD." 2002 *Microwave and Wireless Components Letters* 12.6 (Jun. 2002 [MWCL]): 223-225.*

A procedure to optimize the coupling coefficients between fine and coarse mesh regions for two-dimensional (2-D) finite-difference time-domain (FDTD) subgridding algorithms is introduced. The coefficients are optimized with respect to different angles and expanded in a form suitable for FDTD computation.

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