

Abstracts

Second order nonuniform grid spacing in the FDTD technique

M. Falconer and V. Tripathi. "Second order nonuniform grid spacing in the FDTD technique." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1539-1542.

A second order accurate nonuniform technique for FDTD simulations which does not depend on supraconvergence is presented. The technique is useful for FDTD simulations with nonuniform grid spacings for systems which require finer details in small regions of the simulation space.

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