Abstracts

A Simple Way to Model Curved Metal Boundaries in FDTD Algorithm Avoiding Staircase Approximation (Comment)

The triangular subdivision of mesh cells as described in the above letter were first published (to the author's knowledge) over 15 years ago in the context of a frequency-domain method. This improvement has been proposed for time-domain computations with particle beams and used in numerous publications for two-dimensional, 2.5-dimensional, and three-dimensional computations for static fields, eddy current fields, high-frequency fields and, last but not least, for time-domain fields.

❑ Return to main document.

Click on title for a complete paper.