

Abstracts

Perfectly matched layer absorbing boundary conditions for the method of lines modeling scheme

S.J. Al-Bader and H.A. Jamid. "Perfectly matched layer absorbing boundary conditions for the method of lines modeling scheme." 1998 Microwave and Guided Wave Letters 8.11 (Nov. 1998 [MGWL]): 357-359.

The perfectly matched layer device for the absorption of electromagnetic radiation is incorporated with the method of lines numerical scheme. Examples are given that show the superior performance in comparison with numerical absorbing boundary conditions.

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