

Abstracts

Comments on "Generalized material-independent PML absorbers for the FD-TD simulation of electromagnetic waves in arbitrary anisotropic dielectric and magnetic media" [and reply]

Zhizhang Chen, An Ring Zhao, J. Juntunen and A.V. Raisanen. "Comments on "Generalized material-independent PML absorbers for the FD-TD simulation of electromagnetic waves in arbitrary anisotropic dielectric and magnetic media" [and reply]." 1999 Microwave and Guided Wave Letters 9.5 (May 1999 [MGWL]): 201-203.

For the original paper see *ibid.*, vol. 4, no. 8, p. 268-270 (1994). In the aforementioned paper, it was claimed that the perfectly matched layer (PML) scheme described in the paper is material-independent (the absorber was thus called the MIPML). The commenter thinks that this is, to some extent, a misleading and inaccurate statement. He explains his reasons for adopting this stance. In reply, the authors contend that the comments given by Chen are incorrect and present an analysis to clarify their generalized MIPML.

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