

Patrick Joly

*Unité de Mathématiques Appliquées
de l'ENSTA ParisTech*

Time domain Perfectly Matched Layers

We investigate the question of bounding artificially the computational domain for the propagation of electromagnetic waves in dispersive media. Classical Bérenger PMLs happen to be unstable when the propagation medium has so-called negative index properties. We shall propose new stable PMLs in such a situation and will provide a complete stability analysis of these new PMLs.

Data	Xoves 9 de xullo de 2015
Lugar	Aula de Videoconferencia 5 Facultade de Matemáticas Poderase seguir por videoconferencia
Hora	12:30 – 13:30