数学与系统科学研究院

计算数学所学术报告

(定期学术报告)

报告人: 陈志明研究员

(ICMSEC)

报告题目:

Convergence of the Time–domain PML Method for the Acoustic Scattering Problems

报告时间: 2008 年 6 月 19 日(周四)

下午 4:00—5:00

报告地点: 科技综合楼三层 311

计算数学所报告厅

Abstract:

In this talk we consider the time-domain perfectly matched layer (PML) method for solving the acoustic scattering problems.
We show the well-posedness and stability of the time-dependent acoustic scattering problem with the radiation condition at infinity. We prove the exponential convergence of the non-splitting PML method in terms of the thickness and medium property of the artificial PML layer.

欢迎大家参加！