数学与系统科学研究院

计算数学所博士后定期学术报告

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报告题目：

On Convergence of Domain-dependent Solutions to the Compressible Liquid Crystals

报告时间：**2011 年 9 月 21 日（周三）**

下午 16：00～17：00

报告地点： **科技综合楼三层 311**

计算数学所报告厅

Abstract：

This talk is a further development of the past one. It retains to deal with the Ericksen-Leslie model about compressible nematic liquid crystals system. And we also adopt the concept of renormalized solution and do a priori estimate to obtain the consequence. It mainly is devoted to the trend of solutions for the compressible liquid crystals with respect to the variation of spatial domains. We are tempted to prove the convergence of solutions depending on that of corresponding spatial domains for liquid crystals equations of compressible flow. Thus it infers that we can approximate the previous domain by a better one.

欢迎大家参加！