

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)

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报告题目: **The Gaussian Beam  
Method for Wigner Equation with  
Discontinuous Potentials**

邀请人: 文新 副研究员

报告时间: **2010年5月6日(周四)**

**下午 4:00~5:00**

报告地点: **科技综合楼 311**

计算数学所报告厅

## 摘要:

**In this talk, we introduce the Gaussian beam method in phase space to solve Wigner equation. Firstly, we will derive the equations satisfied by parameters of the Gaussian beams, then we will construct the interface condition at discontinuous points of the potential. Finally, we will give some numerical example to verify the accuracy of Gaussian beam method.**

**欢迎大家参加!**