数学与系统科学研究院

计算数学所学术报告

报告人： **Associate Prof. He Yi**

（ Wuhan Institute of Physics and Mathematics, Chinese Academy of Sciences, Wuhan ）

报告题目：

Construction of a new convergence acceleration algorithm II

邀请人： 胡星标 研究员

报告时间：**2015 年 5 月 23 日（周六）**

晚上 20:30~21:30

报告地点： 数学院南楼七层

702 会议室

Abstract：

In this talk, we will show new sequence transformations based on Wynn's epsilon and rho algorithms. The recursions of the new algorithm include the recursions of Wynn's epsilon and rho algorithm and of Osada's generalized rho algorithm as special cases. Also, we will give some numerical examples of linearly convergent sequences and logarithmically convergent sequences and also divergent series with application of the algorithm.

欢迎大家参加！