

数学与系统科学研究院

计算数学所学术报告

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报告题目:

**A clustering problem raised in user
analyse**

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报告时间: 2016 年 1 月 10 日 (周日)

上午 9:00~10:00

报告地点: 数学院南楼七层

702 会议室

Abstract:

Clustering is a kind of problem that frequently appears in data analyse. During the efforts on building a personalized recommendation system, we need to partition the users into several clusters, which is an unsupervised clustering problem. k-means algorithm is often used to find a local optimal of such problems. But in our task, the problem cannot be calculated directly because the number of users is too large. So we firstly calculate a series of small clustering problems to reduce the dimension of the entire problem, and use MapReduce frame to realize a parallel algorithm.

欢迎大家参加！