学术报告

A survey on noncommtative martingale inequalities

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Time： 15:00-16:00, January 6(Monday), 2020

Venue： Room 108, Center for Applied Mathematics

Abstract： In this talk, I try to review the theory of quantum probability in terms of the development of noncommutative martingale inequalities, which were initiated by Pisier, Junge and Xu since 1997. The theory of nc martingale tends to be complete, but it is these inequalities including the ideas, the tools and the techniques involved in this theory that motivates and plays a dominant role in the modern development of noncommutative analysis (termporarily mainly involving operator theory, quantum probability, noncommutative harmonic analysis, noncommutative ergodic theory and quantum information theory).

欢迎大家参加！