

学术报告

Cycle Ramsey numbers for random graphs

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Time: 10:30-11:30, Sep 15 (Saturday) 2018

Venue: Room 111, Center for Applied Mathematics

Abstract: Let C_n be a cycle of length n . As an elegant application of Szemerédi's regularity lemma, Łuczak ($R(C_n, C_n, C_n) \leq (4 + o(1))n$, J. Combin. Theory Ser. B, 75 (1999), 174---187) in fact established that $K_{(8+o(1))n} \rightarrow (C_{2n+1}, C_{2n+1}, C_{2n+1})$. In this talk, we will introduce some strengthened results involving cycles by using the regularity method and the probabilistic method. (Joint work with Meng Liu, Yusheng Li and Chunlin You.)

欢迎大家参加！