学术报告

The treewidth of corresponding graphs

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Time：11:20-12:10, June 15(Monday) 2019

Venue：Room 111, Center for Applied Mathematics

Abstract： Let $H=(V,F)$ be a hypergraph. The corresponding graph of H, denoted by $C(H)$, is a graph with $V(C(H))=V$ and for any $u,v \in V(C(H))$, $u,v \in E(C(H))$ if and only if there is $f \in F$ such that $u,v \in f$. The treewidth of a graph is an important invariant in structural and algorithmic graph theory. In this talk, we consider the treewidth of the corresponding graphs of hypergraphs. Some results on the bounds of the treewidth of corresponding graphs will be given.

欢迎大家参加！