

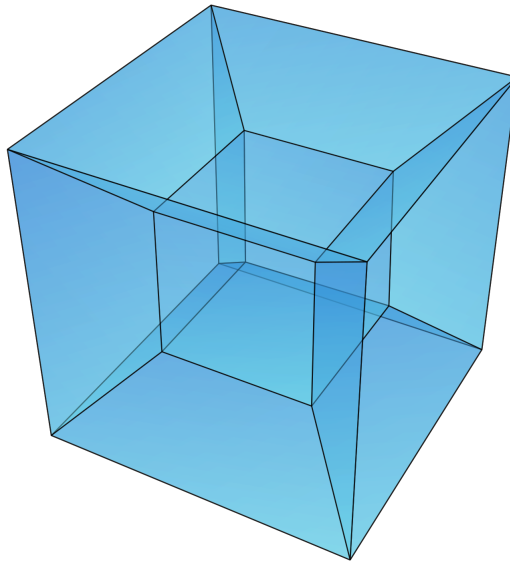
Student Research Talks (StReeTs)

Department of Mathematics, George Mason University

Discussion of the Paper: Induced Subgraphs of Hypercubes and a Proof of the Sensitivity Conjecture by Hao Huang

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Abstract

This is a discussion of a recent paper which showed that every $(2^{n-1} + 1)$ -vertex induced subgraph of the n -dimensional cube graph has a maximum degree at least \sqrt{n} . This result is best possible improving on a lower bound by Chung, Furedi, Graham and Seymour in 1988.

Date: Friday, March 6, 2020

Time: 2:30pm–3:20pm

Place: Exploratory Hall 4106

Pizza and soda will be served at the presentation.

For further information or for special accommodations (including dietary restrictions), please contact Tracey Oellerich, Patrick Bishop, or Cigole Thomas via email at toelleri@gmu.edu, pbishop3@gmu.edu, or cthoma40@gmu.edu by Thursday.