Seminar/Talk

Recent developments in extremal combinatorics

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Extremal combinatorics deals with the class of problems that ask to determine the maximum, or minimum, possible size of a collection of finite objects with certain properties. This is a central branch of combinatorics that has seen impressive growth in recent years, many of whose problems arise naturally in various fields in mathematics and elsewhere.In this talk I will discuss classical results, recent developments, and interesting open problems in the area of extremal combinatorics. In particular, I will focus on Ramsey theory, whose underlying philosophy can be described as showing that complete disorder is impossible'. I will then move on to extremal graph theory and extremal set theory, where the objects of study are graphs and set systems, respectively.

Monday, January 13, 2020 09:00am - 10:00am
Mondi Seminar Room 2, Central Building

This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: https://ista.ac.at/en/campus/how-to-get-here/ The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.

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