

On Entropy of graphs

Friday, September 30, 2022 5:10 PM (20 minutes)

Entropy is a concept and physical property that is associated with disorder or randomness. It is used in e.g. chemistry, cosmology, climate change and computer science.

Also in combinatorics, there are multiple types of entropy for graphs.

This light talk will first show that our intuition can guess extremal graphs in some base cases and end with some surprising behaviour for other cases.

This talk is based on joint work with Yanni Dong and Matteo Mazzamurro.

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