ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to a Guest Lecture

Prof. Dr. Stephan Wagner
Uppsala University

"Subtrees of graphs"

N.2.35 | Wednesday, 14 December 2022 | 10:00 a.m.

Abstract

A subtree of a graph is any (not necessarily induced) subgraph that is also a tree. In this talk, I will discuss different questions concerning the distribution of subtrees in deterministic and random graphs. For instance: what can we say about the distribution of the subtree sizes, or the average size? What is the probability that a random subtree is spanning (covers all vertices)?

Sarah Jane Selkirk, Clemens Heuberger and the Department of Mathematics look forward to seeing you at the talk!