

EINLADUNG ZUM OBERSEMINAR

Arbeitsgruppe Diskrete Mathematik und Algebra

Es spricht

Herr Ander Lamaison
(FU Berlin)

zum Thema:

„Ramsey upper density of infinite graphs“

am

Dienstag, 04.08.2020, 13:00 Uhr
Curie-Hörsaal (Curiebau)

Abstract:

Let H be an infinite graph. In a two-coloring of the edges of the complete graph on the natural numbers, what is the densest monochromatic subgraph isomorphic to H that we are guaranteed to find? We measure the density of a subgraph by the upper density of its vertex set. This question, in the particular case of the infinite path, was introduced by Erdős and Galvin. Following a recent result for the infinite path, we present bounds on the maximum density for other choices of H , including exact values for a wide class of bipartite graphs.

Alle Interessierten sind herzlich eingeladen!

Bitte beachten Sie die Regelungen zur Einhaltung des Infektionsschutzkonzepts der TU Ilmenau (Stand: 25. Juni 2020).