ALGEBRA SEMINAR

Tuple regularity and k-ultrahomogeneity for finite groups

By

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Abstract: Studying finite groups from a combinatorial perspective leads to a demand for combinatorial symmetry and regularity measures. In this context, we develop the concepts of k-ultrahomogeneity and k-tuple regularity for finite groups. They are inspired by analogous concepts in graph theory and form natural generalizations of previously known group-theoretic properties such as ultrahomogeneity and automorphism transitivity. In my talk, I will discuss both notions and present a classification result.

Date: Wednesday, March 27, 2024
Time: 13:30
Place: ZOOM

To request the event link, please send a message to d.yilmaz@bilkent.edu.tr