Boğaziçi
MATH COLLOQUIUM

Groups of Automorphisms with TNI-centralizers

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Abstract: A subgroup H of a finite group G is called a TNI-subgroup if $N_G(H) \cap H^g = 1$ for any $g \in G - N_G(H)$. I will present a recent result obtained in a joint research with Dr. Ercan concerning the structure of a finite group G which has a subgroup A of automorphisms of G acting on G in such a way that the centralizer of A in G is a TNI-subgroup of G. This generalizes some of the research about the groups admitting a fixed-point-free group of automorphisms.

Date : Wednesday, March 22, 2017
Time: 15:00
Place: TB 250, Boğaziçi University