

THE WILSON ENDOWMENT SEMINAR SERIES

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PROFESSOR ZVI ARAD

WILSON ENDOWMENT CHAIR, ECU
BAR ILAN UNIVERSITY, RAMAT-GAN, ISRAEL
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The History of the classification of Finite Groups with a cc-subgroup

A proper subgroup M of a finite group G is called a cc-subgroup of G if the centralizer $C_G(m)$ of every $m \in M \setminus \{1\}$ is contained in M . In this lecture, I will describe the hundred years history of this problem till the final classification of all finite groups with a cc-subgroup. As an application we proved a theorem about the distribution of prime divisors of the order of G in some interval.

Eastern Kentucky University
Department of Mathematics and Statistics
Wallace Building (room 447)
Tuesday, February 17th
3:30 - 4:30 pm