

p -groups of maximal class

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This talk starts with a survey on the state of the art of the classification of p -groups of maximal class. For small primes $p = 2, 3$ a full classification of these groups is due to Blackburn. For larger primes $p > 3$ the classification is significantly more difficult. This talk shows some recent results that allow to classify p -groups of maximal class with large automorphism group.

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