

Oberseminar Algebra, Cologne April 26th 2016

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Title: Introduction to the theory of hypergeometric groups.

Abstract: The monodromy groups of hypergeometric differential equations of type nF_{n-1} are often called hypergeometric groups. These are subgroups of GL_n . Recently, Arithmeticity and Thinness of these groups have caught a lot of attention. In the talk, a gentle introduction and recent progress to the theory of hypergeometric groups will be presented.