Bernoullis Tafelrunde

Graduate Student Seminar

4 November, 12:15-13:00
Grosser Hörsaal, Mathematisches Institut

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Universität Basel

On automorphism groups

Abstract

In this talk I will discuss groups of transformations (automorphisms) of some geometric objects. In such a way we naturally come to the definitions of algebraic group and so-called ind-group (infinitely dimensional algebraic group). We will give many examples of those groups and try to motivate their study. I will try to explain everything in an elementary way such that no knowledge of algebraic geometry is needed!