



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
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Kolloquium des Mathematischen Instituts

A descriptive view of combinatorial group theory

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26.05.2011, 16:30 Uhr, Hörsaal M 5

Abstract:

In this talk, I will consider the question of whether there exist isomorphism-invariant versions of various classical results in combinatorial group theory. For example, the Higman-Neumann-Neumann Embedding Theorem states that any countable group G can be embedded into a 2-generator group K . In the standard proof of this classical theorem, the construction of the group K involves an enumeration of a set of generators of the group G ; and it is clear that the isomorphism type of K usually depends upon both the generating set and the particular enumeration that is used. Consequently, it is natural to ask whether there exists a more uniform construction with the property that isomorphic groups G are embedded into isomorphic 2-generator groups K .

Tee wird ab 16:00 Uhr im Sitzungszimmer SR o des Mathematischen Instituts serviert.

Fachbereich 10

Mathematik und Informatik

<http://wwwmath.uni-muenster.de>

