



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER

Kolloquium des Mathematischen Instituts

Littlewood and large forests

Professor Nicolas Monod (Universität Genf)

11.11.2010, 16:30 Uhr, Hörsaal M 5

Abstract:" Motivated by a classical result of Szökefalvi-Nagy in functional analysis, Dixmier asked in 1950 which group representations can be made unitary. This question is still open, but I will report on some progress obtained with Epstein and Ozawa. We approach the question with ideas borrowed from XIXth century electricity theory as well as from contemporary percolation theory. As a result, we obtain notably non-unitarizable representations for Burnside groups and a new characterization of amenability. The talk will be expository."

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

Fachbereich 10
Mathematik und Informatik
<http://wwwmath.uni-muenster.de>

