



E i n l a d u n g

zum

Kolloquium des Mathematischen Instituts
(unterstützt vom Graduiertenkolleg und SFB 478)

am Donnerstag, 30.04.2009 um 16:30 Uhr, im Hörsaal M5, spricht

Professor Dr. Anatoly Vershik

(Universität St. Petersburg)

über das Thema:

„Universal Urysohn metric spaces and linear rigidity“

Abstract:

It is well-known that any metric space can be isometrically embedded into a Banach space (e.g. into the space of continuous functions on the metric space). Recently it was discovered that there are metric spaces for which such an embedding is unique up to isometry. One example of such a space is a space which was invented in 1924 by Urysohn but not popular till the last years. The main property of this space which will be explained in the talk is universality. This space in a very natural sense is a "random" metric space. Preliminary knowledge about the subject is not supposed.

Tee wird ab 16 Uhr im SR0 des Mathematischen Instituts serviert.