



E i n l a d u n g

zum

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

am Donnerstag, 14.05.2009 um 16:30 Uhr, im Hörsaal M5, spricht

Professor Dr. Martin Ziegler

(Universität Freiburg)

über das Thema:

„Computable functions on the reals“

Abstract:

We introduce a new notion of computable function on the reals and prove some basic properties. We give two applications, first a short proof of Yoshinaga's theorem that periods are elementary (they are actually low). We also show that the low real numbers form a real closed field which is closed under exponentiation und some other special functions.

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