



Einladung zum Oberseminar Mathematische Logik

Julius-Maximilians-Universität Würzburg
Juniorprofessur für Mathematische Logik

Dr. Ziemowit Kostana

Czech Academy of Sciences

Weak and parametrized diamonds – formulations and applications

I will give a short introduction to the set theoretic principles called weak (parametrized) diamonds. These axioms are weakenings of the classical Diamond Principle of Jensen with interesting consequences, like for example:

- existence of Suslin trees,
- existence of many non-order-isomorphic uncountable sets of reals,
- existence of non-uniformizable colorings of ladder systems.

I will also present an alternative formulation of parametrized diamonds, with possible new applications.

Ort: Mathematik Ost, Seminarraum 01.003

Zeit: Montag, 22.04.2024 16:15

Zu diesem Vortrag laden wir Sie herzlich ein.

gez. Anton Freund