

Regularity properties and tree forcings

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Beyond Lebesgue measurability and Baire property, many other notions of regularity have been investigated along these decades. In particular we focus on a generalization of the two mentioned regularity properties by using treelike forcings, which are essential tools in set theory of the reals. The emphasis of our talk will be put on the separation of different notion of regularity by using Shelah's amalgamation. Part of this work was done during my stay in Vienna at the KGRC, and it is part of my PhD thesis.