INVITATION TO THE PUBLIC DEFENSE OF THE MASTER'S THESIS

ÖMER BAG

METHODS OF ITERATION AND APPLICATIONS

Abstract:

In this talk, we will consider three different methods of forcing iterations and their effect on some of the classical cardinal invariants. We first show along a linear iteration how to increase $b$, while keeping $s$ small by preserving eventually narrow sequences. For the second present matrix iterations and their use in forcing $u < d$ and $a = b < s$. Finally we show how to control the generalized invariants $b(\kappa), d(\kappa)$ and $c(\kappa)$ at the same time using non-linear iteration.

MONDAY, OCTOBER 15, 2018
Talk at 9:00am in the KGRC lecture room (room 101)
GÖDEL RESEARCH CENTER
JOSEPHINUM, 1090 WIEN, WÄHRINGER STRASSE 25