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KURT GÖDEL RESEARCH CENTER FOR MATHEMATICAL LOGIC

UNIVERSITÄT WIEN

1090 WIEN, WÄHRINGER STRASSE 25

O.UNIV.-PROF. DR. SY-DAVID FRIEDMAN

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INVITATION

JONATHAN VERNER
(Charles University in Prague, Czech Republic)

RAMSEY PARTITIONS OF METRIC SPACES

Abstract:

   We investigate the existence of metric spaces which, for any coloring with a fixed number of colors, contain monochromatic isomorphic copies of a fixed starting space K. I shall present a proof, due to Shelah, that for colorings with κ colors and a K of size κ such a space can always be found of size 2^κ. Time permitting I will also present a slightly weaker theorem for countable ultrametric K where, however, the resulting space has size $\aleph_1$.

FRIDAY, DECEMBER 11, 2015
Talk at 1:00pm in the KGRC lecture room (room 101)
Tea at 2:30pm in the KGRC meeting room (room 104)
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JOSEPHINUM, 1090 WIEN, WÄHRINGER STRASSE 25

o.Univ.-Prof. Dr. Sy-David Friedman