

FWF

Der Wissenschaftsfonds.



Institut f. Analysis und Zahlentheorie

Zahlentheoretisches Kolloquium

Dienstag, 22. 11. 2016, 10:00 Uhr

HS M "Chemie", Kopernikusg. 24/II

Unexpected distribution phenomenon resulting from Cantor series expansions

DR. WILLIAM MANCE

(Institute of Mathematics at the Polish Academy of Sciences)

Abstract: We explore in depth the number theoretic and statistical properties of certain sets of numbers arising from their Cantor series expansions. As a direct consequence of our main theorem we deduce numerous new results as well as strengthen known ones.

R.Tichy, C. Aistleitner