

**FWF**

Der Wissenschaftsfonds.



Institute of Analysis and Number Theory

**Austrian-Russian Mini-Symposium on Diophantine Approximation**

18.12.2018, 10:15

Seminarraum Analysis-Zahlentheorie, Kopernikusgasse 24, 2.OG

**Irrationality measure functions and Diophantine spectra**

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We discuss the mutual behavior of the irrationality measure functions for two real numbers and some related problems. In particular we will formulate some new results about the function associated with the Minkowski diagonal continued fraction and with the functions related to the second best approximations, and introduce some multidimensional generalizations.

Ch. Aistleitner, A. Marnat