

Seminar

Exact approximation

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Diophantine approximation is the study of how close real numbers (or vectors) can be approximated by rational points. A classical result due to Jarník in 1930, is the existence of “exactly approximable” real numbers, those admitting rational approximations at a prescribed rate but never exceeding it. In this talk, I will discuss this problem in higher dimensional Euclidean spaces and in the setup of Ahlfors regular metric spaces.

Wednesday, Jul 16th 2025

16:00 Hrs (Tea / Coffee 15:45 Hrs)

Auditorium, TIFRH