



Seminario Rubio de Francia

Conferencia

por

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CNRS France

Título:

Volumic properties of high-dimensional Orlicz balls

Resumen: In this talk we are going to study the volume of Orlicz balls in high dimension. Unlike classical ℓ^p -balls, there is no effective, closed formula for the volume of Orlicz balls known. However, using probabilistic methods coming from the central limit theorem and the theory of large deviations, one can provide quite precise asymptotics for the volume as dimension grows to infinity. This study is partially motivated by some well-known questions in the theory of convex bodies, in particular by the Kannan-Lovasz-Simonovits conjecture. The talk is based on a joint work with Franck Barthe (University of Toulouse).

Fecha: Jueves, 10 de Diciembre de 2020.

Hora: 12:00 horas.

Webinar: <https://us02web.zoom.us/j/83258068137?pwd=cHBNQVR2ZWxsUGsvaWp6OVRuYXJ3QT09>

Web: <http://anamat.unizar.es/seminario.html>