Height of rational points on random Fano hypersurfaces

Pierre Le Boudec
University of Basel

Host: Tim Browning

Given a variety V defined over the field of rational numbers, a height function is a tool designed to study the "size" or the "complexity" of the rational points on V. When the set of rational points of V is non-empty, it is natural to ask what can be said about the minimal height of a rational point on V. In this talk I will make this question more precise and I will present results dealing with the case of families of Fano hypersurfaces.

Thursday, October 11, 2018 01:30pm - 03:30pm
Big Seminar room Ground floor / Office Bldg West (I21.EG.101)

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