Seminar/Talk

Bounded height in pencils of finitely generated subgroups

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The context is about sections of a pencil of tori or abelian varieties. Several results concern the set of parameters which destroy independence. We shall look at a generalization of this issue: "For which parameters does a finitely generated group of sections meet a given subvariety?" We shall discuss some joint results with Amoroso and Masser, for toric pencils: Under suitable assumptions we prove bounded height for the said parameters. There are diophantine applications.

Thursday, October 17, 2019 01:30pm - 03:30pm

Heinzel Seminar Room / Office Bldg West (I21.EG.101)

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