



Mathematics and CS Seminar

A Minkowski-type result for linearly independent subsets of ideal lattices

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Host: Timothy Browning

We estimate, in a number field, the maximal number of linearly independent elements with prescribed bounds on their valuations. As a by-product, we obtain new bounds for the successive minima of ideal lattices. Our arguments combine group theory, ramification theory, and the geometry of numbers. This is joint work with Mikolaj Fraczyk and Pter Maga.

Thursday, October 3, 2019 01:30pm - 03:30pm

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



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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