

Geometry Seminar
Tuesday, April 21, 2009
Room 317 WWH at 6:00 P.M.

Linear orders in o-minimal structures with an application to economics

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The talk begins with an brief introduction to o-minimal structures. Following this, we describe some work with A. Onshuus, which in particular provides an analysis of linear orders definable (in the sense of first-order logic) in o-minimal structures.

This analysis appears to have an interesting application in mathematical economics. The application is joint work with T. Brihaye, C. Michaux, and Onshuus.

For more information please visit the seminar website at:
http://www.math.nyu.edu/seminars/geometry_seminar.html.