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# *Distinguished Colloquium*

Speaker: Professor Mark Sapir

Date: March 6, 2013

Time: 1p.m. - 2p.m.

Room: HH-3017

Title: Algorithmically Complicated Groups

## Abstract:

There are several asymptotic invariants of geometric nature that measure algorithmic complexity of a group: the Dehn function, the depth function, the length function, etc. I will talk about the relations between computational complexity of a group and the growth of these functions.