



Mathematics Colloquium

Khovanov homology and unknotting number

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Abstract

Knot theory is the study of knots i.e. embeddings of circle in 3-dimensional space. We will sketch some problems in knot theory, and describe invariants of knots including Jones polynomial and Khovanov homology. We will explain how these invariants or their refined versions can (sometimes) be used to answer these questions.

Wednesday, 7 February 2018, 4pm

Smith Hall 204

Tea and refreshments will be served at 3:45pm.