



The Trivial Notions Seminar Proudly Announces

The Dzhanibekov Effect, or The Tennis Racket Theorem

A talk by
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Abstract

The goal of the talk is to, from absolute first principles, derive the striking result that rotating rigid bodies in space behave chaotically, and in special cases exhibit highly counter-intuitive behavior. No physics background is required: we will literally start with Newton's 3 laws and lazily proceed to develop Euler's equations for rigid body motion. There will be a video in Russian, live demonstrations, and precious little actual mathematics. If time permits (which it likely will), I will throw books at the audience.

Thursday February 23rd, at 2:00 pm
Science Center 310