

NYC Dynamics Seminar at CUNY & Yeshiva University

Mark Levi (Penn State)

will speak on

Gyroscopes and Gaussian curvature

Wednesday, September 28th, 5pm

The lecture will last 1 hour and be followed by questions and/or discussion.

CUNY Graduate Center, 365 5th Ave, Room C198.

Just north of 34th Street. The room is on the C-floor, the basement.

Abstract:

I will describe a recent observation which shows that Gaussian curvature plays a key role in the gyroscopic effect, and in particular in the the dynamics of the Lagrange top. In addition, I will show some other examples exhibiting unexpected magnetic-like or gyroscopic-like effects. This talk is based on joint work with Graham Cox.