

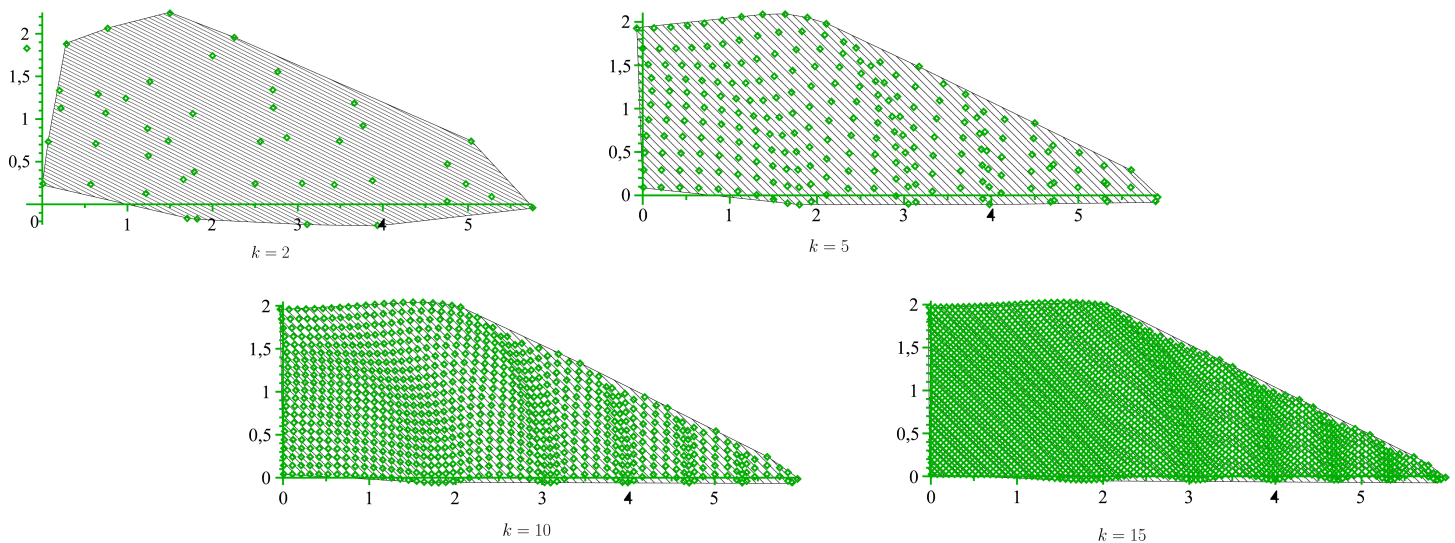
The Oliver Club

www.math.cornell.edu/~oliver/

Alvaro Pelayo, Washington University in St. Louis

Classical and Semiclassical Dynamics

First I will review the basic concepts in symplectic dynamics. Then I will describe some recent results concerning classical and quantum integrable systems, emphasizing the interplay between symplectic geometry and spectral theory / semiclassical analysis. I will also briefly describe some random counterparts of classical results in symplectic geometry.



This talk is based on joint works with Laurent Charles, Leonid Polterovich, Fraydoun Rezakhanlou, and San Vu Ngoc. It will assume no background in symplectic geometry or semiclassical analysis.

Thursday, October 31, 2013
at 4:00 PM in 532 Malott Hall

Refreshments will be served at 3:30 PM in the Mathematics Department lounge (532 Malott Hall).