

Friday, October 7, 2016, 4:10 pm

COLLOQUIUM TALK

Speaker: Vadim Zharnitsky (UIUC)

Old Main 2231

Cyclic evasion in the three and four bug problem

Abstract:

A simple proof that three bugs involved in the cyclic evasion converge to an equilateral triangle configuration will be presented. The approach relies on a Lyapunov-type function that makes use of an apparently new inequality for the triangle. We will also describe some recent work on the four bug problem.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)
