Billiards Geometry

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4–5 PM @ 380-382T

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Abstract

Ever wondered how to turn a fun game like billiards into a fascinating mathematical theory? Well, Serge Tabachnikov certainly has, a lot, and hopefully this talk will get you thinking about it too. We will explore the fundamentals of mathematical billiards and discuss dynamical systems, integrability and open conjectures. The prerequisites for getting something from this talk are just a solid understanding of calculus, no need to actually be any good at pool!