

Joint IAS-PU Symplectic Geometry Seminar

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Dimers and Integrability

Richard Kenyon

Brown University

Date & Time: Fri, 03/29/2013 - 13:30 - 14:30

Location: S-101

Video Link:

<http://video.ias.edu/jointiaspu/1213/0329-RichardKenyon>

This is joint work with A. B. Goncharov. To any convex integer polygon we associate a Poisson variety, which is essentially the moduli space of connections on line bundles on (certain) bipartite graphs on a torus. There is an underlying integrable Hamiltonian system whose Hamiltonians are weighted sums of dimer covers.

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Dorothea Phares

phares@ias.edu

Thu, 01/03/2013 - 16:42

Tue, 03/19/2013 - 17:34

terms:

- [School of Mathematics](#)