

Dented diagonals and corrugated polygons

Boris Khesin, University of Toronto

In the talk we'll define several classes of pentagram maps and describe the relations between them. In particular, we introduce the notions of deep dented maps and partially corrugated polygons. The latter types of polygons, which interpolate between generic and corrugated ones, are related to integrability of a variety of pentagram maps emerging from deeper diagonals.

This is a joint work with Fedor Soloviev.