

BOSTON UNIVERSITY GEOMETRY SEMINAR

MIRROR SYMMETRY FOR CATALAN NUMBERS THROUGH THE LAPLACE TRANSFORM

Brad Safnuk
Department of Mathematics
Central Michigan University

April 4, 2012, 3:00 – 4:00pm
Math/Computer Science, Room B21
111 Cummington Street, Boston

Tea: 2:45pm in Room 144

Abstract: This talk aims to answer the question: What is mirror dual to the Catalan numbers? The answer comes from constructing a generalization of the Temperley-Lieb category, with the Laplace transform playing the role of the mirror map. There are also some unexpected connections to the moduli space of curves.

See <http://math.bu.edu/research/geom/seminar.html> or contact Takashi Kimura kimura@math.bu.edu for more information.