

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

SEIDEL ELEMENTS AND MIRROR SYMMETRY

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Sep. 26, 2012, 4:00 – 5:00pm

Math/Computer Science, Room B21

111 Cummington Street, Boston

Tea: 3:45pm in Room 144

Abstract: Let X be a non-singular projective toric variety whose anti-canonical class is semipositive (nef). I will present work with Hiroshi Iritani regarding the relation of mirror symmetry transformations with certain invertible elements in the Quantum Cohomology of X introduced by Seidel. I will describe some consequences of this work, in particular a relation with potential functions in lagrangian Floer theory.

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