Queen's Algebraic Geometry — Seminar —

MUTATIONS OF LAURENT POLYNOMIALS AND FLAT FAMILIES WITH TORIC FIBERS

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Abstract

In recent work, I have shown that certain birational transformations mapping a Laurent polynomial to another Laurent polynomial correspond to deformations between the associated toric varieties. I will discuss this result and its relevance in the larger context of mirror symmetry and the classification of Fano varieties.

Monday 15 October 2012
16:30 – 17:30
319 Jeffery Hall