

Mirror symmetry and toric degenerations of partial flag manifolds

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1. Introduction

Using combinatorial dualities for reflexive polyhedra and Gorenstein cones together with the theory of generalized GKZ-hypergeometric functions, one can extend the calculation of the number n_d of rational curves of degree d on the generic quintic threefold in \mathbf{P}^4 by Candelas, de la Ossa, Green and Parkes [10] to the case of Calabi–Yau complete intersections in toric varieties [3], [4], [7], [9].