

Macdonald Dualities in Genus One and Two

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We present dualities in the theory of Macdonald/Koornwinder polynomials in a unified way. Macdonald theory has a natural formulation in terms of the spherical Double Affine Hecke Algebra on a torus. We show that duality extends to the genus two Macdonald theory recently introduced by Arthamonov and Shakirov. (Joint work with R. Kedem)

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