

Minimal projections onto spaces of polynomials on real Euclidean spheres

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We study minimal projections in spaces of multivariate polynomials over finite-dimensional real Hilbert spaces, focusing on projection constants for spherical harmonics, homogeneous polynomials, and polynomials of finite degree on the unit sphere. Joint work with A. Defant, M. Mansilla, M. Mastyło, and S. Muro.

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