

Title: Moment map of the Spin action and the Cartan-Münzner polynomials

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Abstract: We express the Cartan-Münzner polynomials for isoparametric hypersurfaces of Clifford type in terms of the moment map of the spin action. We also give a systematic argument for all the known Cartan-Münzner polynomials of degree four, and express them via the moment map of a certain group action.