

Hypergeometric partial twists

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In this talk I will introduce the notion of partial twist of a set of hypergeometric data and I will explain how the motive corresponding to the twisted data can be described in terms of the motive associated with the original data. The partial twist construction can be used to build Landau-Ginzburg mirrors to Fano varieties out of the standard constructions. I will discuss a few examples. This is work in progress with Fernando Rodriguez Villegas.