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Genus zero log BPS numbers for del Pezzo surfaces

Thursday, 13 July 2017 15:00 (1 hour)

We study the enumerative relationship between local and log Calabi-Yau geometries for del Pezzo surfaces. Genus zero log BPS numbers for del Pezzo surfaces are defined from the log Calabi-Yau geometry of the surface with a smooth anticanonical divisor. We propose their conjectural relationship to the genus zero local BPS state counts. This talk is based on joint work with Michel van Garrel, Sheldon Katz and Nobuyoshi Takahashi.

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