

SEMINÁRIO DE GEOMETRIA

Dia 13 Dezembro (sexta-feira), às 13h30, sala 6.2.33

Stability conditions and the Painlevé equations

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Abstract:

I will give an explicit description of the space of stability conditions of a set of Calabi-Yau-3 triangulated categories labelled by the Painlevé equations. We will see how the Painlevé equations appear in a Riemann-Hilbert problem motivated by the enumerative geometry of Calabi-Yau-3 categories whose solution is related to the study of the monodromy ofopers.

