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Kontsevich-Penner model and open intersection numbers

Thursday, June 8, 2017 2:55 PM (25 minutes)

I will report on a joint work in progress with Prof. M. Bertola. We identify the Kontsevich-Penner matrix integral with a suitable isomonodromic tau function. This allows us to derive explicit formulae for multipoint functions of this model, which are conjectured to describe intersection numbers on the moduli space of open Riemann surfaces.

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