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Resurgence and exact quantization via holomorphic Floer cohomology

Friday 1 July 2016 09:30 (50 minutes)

I will present a new perspective on Riemann-Hilbert correspondence and wall-crossing based on the considerations of Fukaya categories associated with a holomorphic symplectic manifold and a possibly singular analytic Lagrangian subvariety. This framework includes holonomic D-modules (for the case of cotangent bundles) on the same footing as q-difference equations.

Summary

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Session Classification: Plenary session