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Exact WKB analysis, cluster algebras and Painlevé equations

Monday 27 June 2016 10:30 (25 minutes)

In the first part of the talk I'll describe a joint work with Tomoki Nakanishi and explain how the Voros symbols in exact WKB analysis realize (generalized) cluster variables. In the second part I'll generalize the notion of the Voros symbols to the Painlevé equations, and discuss their applications.

Summary

Presenter: IWAKI, Kohei (University of Nagoya)

Session Classification: Plenary session