

Speaker (20 minutes talk)

Aspects of nonlinear differential equations

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In this talk I shall review recent results on the connection of recurrence coefficients of semi-classical orthogonal polynomials and the solutions of the Painlevé equations.

Submission for an invited short talk in the parallel session "Random matrices, integrable systems and orthogonal polynomials" (organized by Maria das Neves Rebocho - UBI, Portugal; Rostyslav Kozhan - Uppsala University, Sweden.)