

Nonlinear ODE in Complex Form

The Polynomial Hamiltonian system associated with Garnier system

2014 - 07 - 17 (Thu.)

14:00 - 15:30

308, Mathematics Research Center Building (ori. New Math. Bldg.)

In this talk, we shall transform Garnier system (which has movable algebraic branch points) into a Hamiltonian system enjoying the Painlevé property. The reference is Section 3.7 in the book "From Gauss to Painlevé: A modern theory of special functions".



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