

Symplectic structure and canonical parametrization of differential systems with constant local monodromy, $sl(2)$ -case of irregular singular point of Poincaré rank 1.

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Abstract. Isomonodromic-deformations equations can be considered as Hamiltonian systems. Their phase spaces are some algebraic symplectic manifolds. We consider the simplest case of differential system with irregular singularity. The presented theory explain the presence of the symplectic structure on the set of the equations and a method of the its canonical parametrization.

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