

SIDE 14.2

SIDE

Symmetries and Integrability
of Difference Equations

Contribution ID : 3

On Hamiltonian structures of quasi-Painleve equations

Friday 23 Jun 2023 at 11:30 (00h30')

Content :

The quasi-Painleve property of a system of ordinary differential equations, here meaning the condition that movable singularities reachable by analytic continuation along finite length curves are at worst algebraic branch points, is described in terms of global Hamiltonian structures on an analogue of Okamoto's spaces of initial conditions for the Painleve equations. This is a joint work with A. Stokes (Japan).

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