

SIDE 14.2



Contribution ID : 20

A 3×3 Lax form for the q-Painlevé equation of type E_6

Monday 19 Jun 2023 at 18:00 (00h20')

Content :

For the q-Painlevé equation with affine Weyl group symmetry of type $E_6^{\wedge}\{(1)\}$, a 2×2 matrix Lax form and a second order scalar lax form were known.

In this talk, we give a 3×3 matrix Lax form and a third order scalar equation related to it. They seems to be new.

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Session classification : Discrete Painlevé

Track classification : --not yet classified--

Type : --not specified--