

Yang-Baxter Maps from the Discrete BKP Equation

Saburo Kakei, Jonathan J.C. Nimmo, Ralph Willox

(Submitted on 13 Nov 2009 (v1), last revised 31 Mar 2010 (this version, v2))

We construct rational and piecewise-linear Yang-Baxter maps for a general N-reduction of the discrete BKP equation.

Subjects: **Exactly Solvable and Integrable Systems (nlin.SI)**; Quantum Algebra (math.QA)

Journal reference: SIGMA 6 (2010), 028, 11 pages

DOI: [10.3842/SIGMA.2010.028](https://doi.org/10.3842/SIGMA.2010.028)

Cite as: [arXiv:0911.2684v2](https://arxiv.org/abs/0911.2684v2) [nlin.SI]

Submission history

From: Saburo Kakei [[view email](#)] [via JOURNAL proxy]

[v1] Fri, 13 Nov 2009 19:54:45 GMT (13kb)

[v2] Wed, 31 Mar 2010 05:45:14 GMT (15kb)

[Which authors of this paper are endorsers?](#)

Download:

- [PDF](#)
- [PostScript](#)
- [Other formats](#)

Current browse context:

nlin.SI

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [0911](#)

Change to browse by:

[math](#)

[math.QA](#)

[nlin](#)

References & Citations

- [CiteBase](#)

Bookmark^(what is this?)

[CiteULike logo](#)

[Connotea logo](#)

[BibSonomy logo](#)

[Mendeley logo](#)

[Facebook logo](#)

[del.icio.us logo](#)

[Digg logo](#)

[Reddit logo](#)