

TETRAHEDRON MAPS ASSOCIATED TO dpKdV EQUATION

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Abstract

We calculate tetrahedron maps ([V. E. Adler, A. I. Bobenko and Yu. B. Suris, Classification of integrable equations on quad-graphs, The consistency approach, Comm. Math. Phys. 233(3) (2003), 513-543], [R. M. Kashaev, I. G. Korepanov and S. M. Sergeev, The functional tetrahedron equation, Theoret. and Math. Phys. 117(3) (1998), 1402-1413]) associated to the dpKdV equation.

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