

Publications list

Alberto Maspero

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Papers

1. D. Bambusi, A. Maspero. “Freezing of energy of a soliton in an external potential”, available online in *Comm. Math. Phys.*, <http://www.springer.com/-/2/AVJmiH-Y2brxj7RSomOn>
2. T. Kappeler, A. Maspero, J.C. Molnar, P. Topalov. “On the convexity of the KdV Hamiltonian”, available online in *Comm. Math. Phys.*, <http://www.springer.com/-/1/AVJmgJKJnYabzt6nFcDi>
3. A. Maspero, B. Schaad. “One smoothing property of the scattering map of the KdV on \mathbb{R} ”, *Discrete Contin. Dyn. Syst.*, Vol. 36, no.3, 2016.
4. D. Bambusi, A. Maspero. “Birkhoff coordinates for the Toda Lattice in the limit of infinitely many particles with an application to FPU”, available online in *Journal of Functional Analysis*, <http://www.sciencedirect.com/science/article/pii/S0022123615003067>

Proceedings

1. D. Bambusi, A. Carati, A. Maiocchi, A. Maspero. “Some analytic results on the FPU paradox”, in *Hamiltonian Partial Differential Equations and Applications*, Fields Institute Communications, n. 75.

PhD Thesis

1. A. Maspero. Birkhoff Coordinates of Integrable Hamiltonian systems in Asymptotic Regimes. Download at <http://hdl.handle.net/2434/246796>.