

Complete Integrability of Reductions of Lattice Equations

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For the complete integrability (in the sense of Arnold-Liouville) of a mapping one needs:

- ★ the map to be symplectic,
- ★ sufficiently many integrals (half its dimension),
- ★ their involutivity,
- ★ and their functional independence.

An overview will be given of recent results on the complete integrability of reductions of various integrable lattice equations.