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**MSC:**

- 37K20 Relations of infinite-dimensional Hamiltonian and Lagrangian dynamical systems with algebraic geometry, complex analysis, and special functions
- 37K40 Soliton theory, asymptotic behavior of solutions of infinite-dimensional Hamiltonian systems
- 14H42 Theta functions and curves; Schottky problem
- 37K10 Completely integrable infinite-dimensional Hamiltonian and Lagrangian systems, integration methods, integrability tests, integrable hierarchies (KdV, KP, Toda, etc.)
- 14H70 Relationships between algebraic curves and integrable systems

Cited in 4 Documents

**Keywords:**

BC lattice hierarchy; quasi-periodic solution; trigonal curve

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