The Open Boundary Dynamical Elliptic Quantum Gaudin Model and Its Solution

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Abstract: We construct the Hamiltonians of open elliptic quantum Gaudin model and show its relation with the open boundary elliptic quantum group. We define eigenstates of the model to be Bethe vectors with $\eta=0$ of the boundary elliptic quantum group. Then, the Hamiltonian is exactly diagonalized by using the algebraic Bethe ansatz method.

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