

## Exact Solutions of One-Dimensional N-Component Bariev Model with General Boundary Conditions

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**Abstract:** The N-component Bariev model for correlated hopping with open boundary conditions in one dimension is studied in the framework of coordinate Bethe ansatz method. The energy spectrum, integrable boundary conditions and the corresponding Bethe ansatz equations are derived.

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**Key words:** coordinate Bethe ansatz, open-boundary conditions, N-component Bariev model

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