

Algebraic Bethe Ansatz for the $Osp(1|2)$ Model with Reflecting Boundaries

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Abstract: In the framework of graded quantum inverse scattering method, we obtain the eigenvalues and the eigenvectors of the $Osp(1|2)$ model with reflecting boundary conditions in FBF background. The corresponding Bethe ansatz equations are obtained.

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Key words: $Osp(1|2)$, algebraic Bethe ansatz, reflection equation

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