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Determinant formula for the partition function of the six-vertex model with a non-diagonal reflecting end

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(Submitted on 28 Jul 2011)

With the help of the F-basis provided by the Drinfeld twist or factorizing F-matrix for the open XXZ spin chain with non-diagonal boundary terms, we obtain the determinant representation of the partition function of the six-vertex model with a non-diagonal reflecting end under domain wall boundary condition.

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