

Addendum to: “Transfer Matrix Functional Relations for the Generalized $\tau_2(t_q)$ Model, *Journal of Statistical Physics* 117, 1–25 (2004)”

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I began this paper⁽¹⁾ by recalling how Bazhanov and Stroganov⁽²⁾ showed in 1990 that the chiral Potts model could be obtained from the six-vertex model. This statement was true but not complete: I have recently been reminded that the first such demonstration (also using the quantum theoretic language of L -operators) is contained in the work of Igor Korepanov in 1986.⁽³⁾

It was not till 1988 that the general solvable N -state chiral Potts model was explicitly formulated as a two-dimensional lattice model in equilibrium statistical mechanics.⁽⁴⁾

REFERENCES

1. R. J. Baxter, Transfer matrix functional relations for the generalized $\tau_2(t_q)$ model. *J. Stat. Phys.* **117**:1–25 (2004).
2. V. V. Bazhanov and Yu. G. Stroganov, Chiral Potts model as a descendant of the six-vertex model. *J. Stat. Phys.* **59**:799 – 817 (1990).
3. I. G. Korepanov, The method of vacuum vectors in the theory of the Yang-Baxter equation, *Applied Problems in Calculus*, pp. 39–48, English translation at arxiv.org/abs/nlin.SI/0010024, (Publishing House of the Chelyabinsk Polytechnical Institute, Chelyabinsk, USSR 1986).
4. R. J. Baxter, J. H. H. Perk and H. Au-Yang, New solutions of the star-triangle relations for the chiral Potts model. *Phys. Lett. A* **128**:138–142 (1988).

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