

1. Papers with referees

1. Zengo Tsuboi and Masuo Suzuki: Determining equations for higher-order decomposition of exponential operators, *International Journal of Modern Physics B* 9 (1995) 3241-3268; arXiv:0912.0066 [math-ph].
2. Zengo Tsuboi and Atsuo Kuniba: Solutions of a discretized Toda field equation for D_r from Analytic Bethe Ansatz, *Journal of Physics A: Mathematical and General* 29 (1996) 7785-7796; arXiv:hep-th/9608002.
3. Zengo Tsuboi: Solutions of Discretized Affine Toda field equations for $A_n^{(1)}$, $B_n^{(1)}$, $C_n^{(1)}$, $D_n^{(1)}$, $A_n^{(2)}$ and $D_{n+1}^{(2)}$, *Journal of the Physical Society of Japan* 66 (1997) 3391-3398; arXiv:solv-int/9610011.
4. Zengo Tsuboi: Analytic Bethe ansatz and functional equations for Lie superalgebra $sl(r+1|s+1)$, *Journal of Physics A: Mathematical and General* 30 (1997) 7975-7991; arXiv:0911.5386 [math-ph].
5. Zengo Tsuboi: Analytic Bethe ansatz and functional equations associated with any simple root systems of the Lie superalgebra $sl(r+1|s+1)$, *Physica A* 252 (1998) 565-585; arXiv:0911.5387 [math-ph].
6. Zengo Tsuboi: Analytic Bethe ansatz related to a one-parameter family of finite-dimensional representations of the Lie superalgebra $sl(r+1|s+1)$, *Journal of Physics A: Mathematical and General* 31 (1998) 5485-5498; arXiv:0911.5389 [math-ph].
7. Zengo Tsuboi: Analytic Bethe ansatz related to the Lie superalgebra $C(s)$, *Physica A* 267 (1999) 173-208; arXiv:0911.5390 [math-ph].
8. Zengo Tsuboi: Analytic Bethe ansatz and functional relations related to tensor-like representations of type-II Lie superalgebras $B(r|s)$ and $D(r|s)$, *Journal of Physics A: Mathematical and General* 32 (1999) 7175-7206; arXiv:0911.5393 [math-ph].
9. Kazumitsu Sakai and Zengo Tsuboi: Thermodynamic Bethe ansatz equation for $osp(1|2)$ integrable spin chain, *Modern Physics Letters A* 14 (1999) 2427-2435; arXiv:math-ph/9911010.
10. Kazumitsu Sakai and Zengo Tsuboi: Thermodynamic Bethe ansatz equation from fusion hierarchy of $osp(1|2)$ integrable spin chain, *International Journal of Modern Physics A* 15 (2000) 2329-2346; arXiv:math-ph/9912014.
11. Kazumitsu Sakai and Zengo Tsuboi: Thermodynamics of $osp(1|2)$ integrable spin chain: Finite size correction, *Journal of the Physical Society of Japan* 70 (2001) 367-371; arXiv:cond-mat/0011240 [cond-mat.stat-mech].
12. Atsuo Kuniba, Tomoki Nakanishi and Zengo Tsuboi: The Bethe equation at $q = 0$, the Möbius inversion formula, and weight multiplicities: III. the $X_N^{(r)}$ case, *Letters in Mathematical Physics* 59 (2002) 19-31; arXiv:math/0105146 [math.QA].

13. Atsuo Kuniba, Tomoki Nakanishi and Zengo Tsuboi: The canonical solutions of the Q -systems and the Kirillov-Reshetikhin conjecture, *Communications in Mathematical Physics* 227 (2002) 155-190; arXiv:math/0105145 [math.QA].
14. Goro Hatayama, Atsuo Kuniba, Masato Okado, Taichiro Takagi and Zengo Tsuboi: Paths, Crystals and Fermionic Formula, *Progress in Mathematical Physics* 23 (2002) 205-272; arXiv:math/0102113 [math.QA].
15. Zengo Tsuboi: A note on the $osp(1|2s)$ thermodynamic Bethe ansatz equation, *International Journal of Modern Physics A* 17 (2002) 2351-2368; arXiv:cond-mat/0108358 [cond-mat.stat-mech].
16. Zengo Tsuboi: Difference L operators and a Casorati determinant solution to the T -system for twisted quantum affine algebras, *Journal of Physics A: Mathematical and General* 35 (2002) 4363-4373; arXiv:0911.5368 [math-ph].
17. Zengo Tsuboi: Integral equations for thermodynamics of the $osp(1|2s)$ integrable spin chain, *Physics Letters B* 544 (2002) 222-230; arXiv:math-ph/0209024.
18. Zengo Tsuboi : Nonlinear integral equations for thermodynamics of the $sl(r + 1)$ Uimin-Sutherland model, *Journal of Physics A: Mathematical and General* 36 (2003) 1493-1507; arXiv:cond-mat/0212280 [cond-mat.stat-mech].
19. Murray T. Batchelor, Xi-Wen Guan, Norman Oelkers, Kazumitsu Sakai, Zengo Tsuboi, Angela Foerster: Exact results for the thermal and magnetic properties of strong coupling ladder compounds, *Physical Review Letters* 91 (2003) 217202; arXiv:cond-mat/0309244 [cond-mat.stat-mech].
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21. Zengo Tsuboi, Minoru Takahashi: Nonlinear Integral Equations for Thermodynamics of the $U_q(\widehat{sl}(r + 1))$ Perk-Schultz Model, *Journal of the Physical Society of Japan* 74 (2005) 898-904; arXiv:cond-mat/0412698 [cond-mat.stat-mech].
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23. Zengo Tsuboi: Nonlinear integral equations and high temperature expansion for the $U_q(\widehat{sl}(r + 1|s + 1))$ Perk-Schultz Model, *Nuclear Physics B* 737 [FS] (2006) 261-290; arXiv:cond-mat/0510458 [cond-mat.stat-mech].
24. Zengo Tsuboi: A note on the high temperature expansion of the density matrix for the isotropic Heisenberg chain, *Physica A* 377 (2007) 95-101; arXiv:cond-mat/0611454 [cond-mat.stat-mech].

25. M. T. Batchelor, X.-W. Guan, N. Oelkers, Z. Tsuboi: Integrable models and quantum spin ladders: comparison between theory and experiment for the strong coupling compounds, *Advances in Physics* 56 (2007) 465-543; arXiv:cond-mat/0512489 [cond-mat.stat-mech].
26. Vladimir V. Bazhanov, Zengo Tsuboi: Baxter's Q-operators for supersymmetric spin chains, *Nuclear Physics B*805 [FS] (2008) 451-516; arXiv:0805.4274 [hep-th].
27. Zengo Tsuboi: Solutions of the T -system and Baxter equations for supersymmetric spin chains, *Nuclear Physics B*826 [PM] (2010) 399-455; arXiv:0906.2039 [math-ph].
28. Nikolay Gromov, Vladimir Kazakov, Zengo Tsuboi: $PSU(2, 2|4)$ Character of Quasi-classical AdS/CFT, *Journal of High Energy Physics*, 1007 (2010) 097 (40 pages); arXiv:1002.3981 [hep-th].
29. Nikolay Gromov, Vladimir Kazakov, Sebastien Leurent, Zengo Tsuboi: Wronskian Solution for AdS/CFT Y -system, *Journal of High Energy Physics*, 01 (2011)155 (32 pages); arXiv:1010.2720 [hep-th].
30. Vladimir Kazakov, Sebastien Leurent, Zengo Tsuboi: Baxter's Q-operators and operatorial Bäcklund flow for quantum (super)-spin chains, arXiv:1010.4022 [math-ph] (31 pages), to appear in *Communications in Mathematical Physics*.

2. Preprint

31. Zengo Tsuboi: Wronskian solutions of the T , Q and Y -systems related to infinite dimensional unitarizable modules of the general linear superalgebra $gl(M|N)$, arXiv:1109.5524 [hep-th] (60 pages).
32. Alexander Alexandrov, Vladimir Kazakov, Sebastien Leurent, Zengo Tsuboi, Anton Zabrodin, Classical tau-function for quantum spin chains, arXiv:1112.3310 [math-ph], (52 pages).

3. Paper without referees

33. Zengo Tsuboi: T -system and thermodynamic Bethe ansatz equations for solvable lattice models associated with superalgebras, Bilinear method in the study of integrable systems and related topics (Kyoto, 2001), RIMS Kokyuroku 1280 (2002) 19-34 [arXiv:0912.0073 [math-ph]].

4. Thesis

34. Zengo Tsuboi: Study on the basis of the higher-order decomposition of exponential operators (in Japanese), 108pages, Department of Physics, Graduate School of Science, the University of Tokyo (master thesis, no.6507), March 1995.
35. Zengo Tsuboi: Analytic Bethe ansatz and functional relations in solvable lattice models, 152pages, Department of Physics, Graduate School of Science, the University of Tokyo (doctor thesis, no.3360), March 1998.