

References

- [1] L. A. Takhtadzhyan, L. D. Faddeev, “Kvantovyj metod obratnoj zadachi i XYZ model Geizenberga”, *UMN*, **34**:5 (1979), 13–63 [MathNet.Ru](#) [MathSciNet](#)
- [2] V. E. Korepin, N. M. Bogoliubov, A. G. Izergin, *Quantum inverse scattering method and correlation functions*, Cambridge University Press, Cambridge, 1993 [MathSciNet](#) [ZentralblattMATH](#)
- [3] P. P. Kulish, “Quantum difference nonlinear Schrödinger equation”, *Lett. Math. Phys.*, **5** (1981), 191–197 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#)
- [4] V. S. Gerdjikov, M. I. Ivanov, P. P. Kulish, “Expansions over the “squared” solutions and difference evolution equations”, *J. Math. Phys.*, **25** (1984), 25–34 [crossref](#) [MathSciNet](#) [ads*](#) [WEB OF SCIENCE™](#)
- [5] N. M. Bogoliubov, R. K. Bullough, G. D. Pang, “Exact solution of a q -boson hopping model”, *Phys. Rev. B*, **47** (1993), 11945–11498 [crossref](#) [WEB OF SCIENCE™](#)
- [6] N. M. Bogolyubov, P. P. Kulish, “Tochno-reshaemye modeli kvantovoi nelineinoj optiki”, Zap. nauchn. semin. POMI, **398**, 2012, 26–54 [MathNet.Ru](#) [MathSciNet](#)
- [7] N. M. Bogoliubov, T. Nasar, “On the spectrum of the non-Hermitian phase-difference model”, *Phys. Lett. A*, **234** (1997), 345–350 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#)
- [8] V. E. Korepin, “Calculations of norms of Bethe wave functions”, *Commun. Math. Phys.*, **86** (1982), 391–418 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#)
- [9] A. G. Izergin, “Statsumma shestivershinnoi modeli v konechnom ob’eme”, *DAN*, **297** (1987), 331–334 [MathNet.Ru](#) [MathSciNet](#)
- [10] A. G. Izergin, D. A. Coker, V. E. Korepin, “Determinant formula for the six-vertex model”, *J. Phys. A*, **25** (1992), 4315–4334 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#)
- [11] G. Kuperberg, “Another proof of the alternating-sign matrix conjecture”, *Int. Res. Math. Notices*, **1996** (1996), 139–150 [crossref](#) [MathSciNet](#)
- [12] D. M. Bressoud, *Proofs and Confirmations: The Story of the Alternating Sign Matrix Conjecture*, Cambridge Univ. Press, Cambridge, 1999 [MathSciNet](#) [ZentralblattMATH](#)
- [13] N. M. Bogoliubov, “Boxed plane partitions as an exactly solvable boson model”, *J. Phys. A*, **38** (2005), 9415–9430 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#) 
- [14] N. M. Bogolyubov, “Chetyrekhvershnaya model i sluchainye ukladki”, *Teor. mat. fiz.*, **155**:1 (2008), 25–38 [MathNet.Ru](#) [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) 
- [15] N. M. Bogoliubov, C. Malyshev, “Correlation functions of XX0 Heisenberg chain, q -binomial determinants, and random walks”, *Nucl. Phys. B*, **879** (2014), 268–291 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#) 
- [16] N. M. Bogolyubov, “Skalyarnye proizvedeniya vektorov sostoyanii v polnostyu asimmetrichnykh tochno reshaemykh modelyakh na koltse”, Zap. nauchn. semin. POMI, **398**, 2012, 5–25 [MathNet.Ru](#) [MathSciNet](#)
- [17] F. Colomo, A. G. Pronko, “The arctic curve of the domain-wall six-vertex model”, *J. Stat. Phys.*, **138** (2010), 662–700 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#) 
- [18] F. Colomo, A. G. Pronko, “The limit shape of large alternating-sign matrices”, *SIAM J. Discrete Math.*, **24** (2010), 1558–1571 [crossref](#) [MathSciNet](#) [ZentralblattMATH](#) [ads*](#) [WEB OF SCIENCE™](#) 
- [19] F. Colomo, A. G. Pronko, “Third-order phase transition in random tilings”, *Phys. Rev. E*, **88** (2013), 042125 [crossref](#) [ads*](#) [WEB OF SCIENCE™](#) 

- [20] F. Colomo, A. G. Pronko, “Thermodynamics of the six-vertex model in an L -shaped domain”, *Comm. Math. Phys.*, **339**:2 (2015), 699–728 [MathSciNet](#) [Zentralblatt MATH](#) [E-LIBRARY.RU](#)
- [21] N. M. Bogolyubov, “Pyativershnaya model s fiksirovannymi granichnymi usloviyami”, *Algebra i analiz*, **21**:3 (2009), 58–78 [Math-Net.Ru](#) [MathSciNet](#) [Zentralblatt MATH](#) [E-LIBRARY.RU](#)
- [22] R. J. Baxter, *Exactly solved models in statistical mechanics*, Academic Press, San Diego, CA, 1982 [MathSciNet](#) [Zentralblatt MATH](#)
- [23] G. E. Andrews, *The Theory of Partitions*, Addison-Wesley Publishing, 1976 [MathSciNet](#) [Zentralblatt MATH](#)
- [24] V. S. Kapitonov, A. G. Pronko, “Pyativershnaya model i ploskie razbieniya v yaschike”, Zap. nauchn. semin. POMI, **360**, 2008, 162–179 [Math-Net.Ru](#) [MathSciNet](#) [Zentralblatt MATH](#)
- [25] V. S. Kapitonov, A. G. Pronko, “Vzveshennye perechisleniya ploskikh razbienii v yaschike i neodnorodnaya pyativershnaya model”, Zap. nauchn. semin. POMI, **398**, 2012, 125–144 [Math-Net.Ru](#) [MathSciNet](#)
- [26] H. Cohn, M. Larsen, J. Propp, “The shape of a typical boxed plane partition”, *New York J. Math.*, **4** (1998), 137–165 [MathSciNet](#) [Zentralblatt MATH](#)
- [27] I. G. Macdonald, *Symmetric Functions and Hall Polynomials*, 2nd edn., Oxford University Press, Oxford, 1995 [MathSciNet](#) [Zentralblatt MATH](#)
- [28] A. G. Pronko, “O veroyatnosti obrazovaniya pustoty v svobodnofermionnoi shestivershnnoi modeli s granichnymi usloviyami domennoi stenki”, Zap. nauchn. semin. POMI, **398**, 2012, 179–208 [Math-Net.Ru](#) [MathSciNet](#)
- [29] A. Erdelyi, *Higher transcendental functions*, V. 1, McGraw-Hill, New York, 1953 [Zentralblatt MATH](#)
- [30] K. Okamoto, “Studies on the Painlevé equations. I. Sixth Painlevé Equation PVI”, *Ann. Mat. Pura Appl.*, **146** (1987), 337–381 [crossref](#) [MathSciNet](#) [Zentralblatt MATH](#) [WEB OF SCIENCE™](#)
- [31] P. J. Forrester, N. S. Witte, “Application of the τ -function theory of Painlevé equations to random matrices: PVI, the JUE, CyUE, cJUE and scaled limits”, *Nagoya Math. J.*, **174** (2004), 29–114 [MathSciNet](#) [Zentralblatt MATH](#) [WEB OF SCIENCE™](#)