

Tamas Palmai – Publication List

- [20] L. Taddia, F. Ortolani, T. Palmai: Renyi entanglement entropies of descendant states in critical systems with boundaries: conformal field theory and spin chains
J. Stat. Mech. 093104 (2016)
- [19] T. Palmai: Entanglement Entropy from the Truncated Conformal Space,
Phys. Lett. B **759** 439 (2016)
- [18] P. Azaria, R. M. Konik, Ph. Lecheminant, T. Pálmai, G. Takács, A. M. Tsvetik: Particle Formation and Ordering in Strongly Correlated Fermionic Systems: Solving a Model of Quantum Chromodynamics,
Phys. Rev. D **94** 045003 (2016)
- [17] T. Pálmai: Edge exponents in work statistics out of equilibrium and dynamical phase transitions from scattering theory in one dimensional gapped systems,
Phys. Rev. B **92** 235433 (2015)
- [16] R. M. Konik, T. Pálmai, G. Takács, A. M. Tsvetik: Studying the Perturbed Wess-Zumino-Novikov-Witten $SU(2)_k$ Theory Using the Truncated Conformal Spectrum Approach,
Nucl. Phys. B **899** (2015) 547-569
- [15] T. Pálmai, S. Sotiriadis: Quench echo and work statistics in integrable quantum field theories, *Phys. Rev. E* **90** 052102 (2014)
- [14] T. Pálmai: Excited state entanglement in one-dimensional quantum critical systems: Extensivity and the role of microscopic details,
Phys. Rev. B **90** 161404(R) (2014) *Rapid Communication*
- [13] T. Pálmai, G. Takács: Diagonal multi-soliton matrix elements in finite volume,
Phys. Rev. D **87**, 045010 (2013)
- [12] T. Pálmai: On the interlacing of cylinder functions,
Math. Inequal. Appl. **16** (2013) pp. 241-247
- [11] T. Palmai, B. Apagyi: The inverse scattering problem at fixed energy based on the Marchenko equation for an auxiliary Sturm-Liouville operator,
J. Phys. A: Math. Theor. **46** (2013) 045303
- [10] G. Z. Fehér, T. Pálmai, G. Takács: Sine-Gordon multisoliton form factors in finite volume, *Phys. Rev. D* **85**, 085005 (2012)
- [9] T. Pálmai: Regularization of multi-soliton form factors in sine-Gordon model,
Comput. Phys. Commun. **183** (2012) 1813-1821
- [8] T. Palmai, B. Apagyi: Fixed energy potentials through an auxiliary inverse eigenvalue problem, *Inverse Problems* **28** (2012) 085007
- [7] T. Palmai, B. Apagyi: Quantum mechanical inverse scattering problem at fixed energy: a constructive method, *Methods Appl. Anal.* **18** (2011) pp. 93-104
- [6] T. Palmai, B. Apagyi: Interlacing of positive real zeros of Bessel functions,
J. Math. Anal. Appl. **375** (2011) pp. 320-322
- [5] D. Hilke, W. Scheid, T. Palmai, B. Apagyi: Study of the Cox-Thompson inverse scattering method with a Coulomb potential, *J. Phys. A: Math Theor.* **43** (2010) 225302
- [4] T. Palmai, B. Apagyi, W. Scheid: Development of a Cox-Thompson inverse scattering method to charged particles, *J. Phys. G: Nucl. Part. Phys.* **37** (2010) 025101
- [3] T. Palmai, B. Apagyi: On nonsingular potentials of Cox-Thompson inversion scheme,
J. Math. Phys. **51**, 022114 (2010)
- [2] T. Palmai, M. Horvath, B. Apagyi: Semi-analytic equations to the Cox-Thompson inverse scattering method at fixed energy for special cases, *Mod. Phys. Lett. B* **22** (2008) 2191
- [1] T. Palmai, M. Horvath, B. Apagyi: Simplified solutions of the Cox-Thompson inverse scattering method at fixed energy, *J. Phys. A: Math. Theor.* **41** (2008) 235305