

List of publications — Tamás Görbe

August 3, 2021

- [18] J.F. van Diejen and T.F. Görbe, *Eigenfunctions of a discrete elliptic integrable particle model with hyperoctahedral symmetry*, preprint (2021)
arXiv:[2108.00499](#) [[math-ph](#)]
- [17] J.F. van Diejen and T.F. Görbe, *Elliptic Ruijsenaars difference operators, symmetric polynomials, and Wess-Zumino-Witten fusion rings*, preprint (2021)
arXiv:[2106.14919](#) [[math.QA](#)]
- [16] J.F. van Diejen and T.F. Görbe, *Elliptic Ruijsenaars difference operators on bounded partitions*, preprint (2021)
arXiv:[2106.06512](#) [[math-ph](#)]
- [15] J.F. van Diejen and T.F. Görbe, *Elliptic Racah polynomials*, preprint (2021)
arXiv:[2106.07394](#) [[math.CA](#)]
- [14] J.F. van Diejen and T.F. Görbe, *Elliptic Kac-Sylvester matrix from difference Lamé equation*, *Annales Henri Poincaré* (2021)
doi:[10.1007/s00023-021-01063-y](#); SharedIt:[rdcu.be/clsVe](#)
- [13] M. Fairon and T.F. Görbe, *Superintegrability of Calogero-Moser systems associated with the cyclic quiver*, preprint (2021)
arXiv:[2101.05520](#) [[math-ph](#)]
- [12] T.F. Görbe and Á. Gyenge, *Canonical spectral coordinates for the Calogero-Moser space associated with the cyclic quiver*, *J. Nonlinear Math. Phys.* **27** (2020) 243-266;
doi:[10.1080/14029251.2020.1700634](#); arXiv:[1812.02544](#) [[math-ph](#)]
- [11] T.F. Görbe and M.A. Hallnäs, *Quantization and explicit diagonalization of new compactified trigonometric Ruijsenaars-Schneider systems*, *J. Int. Sys.* **3** (2018) xyy015;
doi:[10.1093/integr/xyy015](#); arXiv:[1707.08483](#) [[math-ph](#)]
- [10] T.F. Görbe, *Integrable many-body systems of Calogero-Ruijsenaars type*, PhD thesis, University of Szeged (2017) 1-218;
doi:[10.14232/phd.3595](#); arXiv:[1705.01333](#) [[math-ph](#)]
- [9] L. Fehér and T.F. Görbe, *Trigonometric and elliptic Ruijsenaars-Schneider systems on the complex projective space*, *Lett. Math. Phys.* **106** (2016) 1429-1449;
doi:[10.1007/s11005-016-0877-z](#); arXiv:[1605.09736](#) [[math-ph](#)]
- [8] B.G. Puztai and T.F. Görbe, *Lax representation of the hyperbolic van Diejen dynamics with two coupling parameters*, *Commun. Math. Phys.* **354** (2017) 829-864;
doi:[10.1007/s00220-017-2935-5](#); arXiv:[1603.06710](#) [[math-ph](#)]
- [7] L. Fehér and T.F. Görbe, *The full phase space of a model in the Calogero-Ruijsenaars family*, *J. Geom. Phys.* **115** (2017) 139-149;
doi:[10.1016/j.geomphys.2016.04.018](#); arXiv:[1603.02877](#) [[math-ph](#)]

- [6] T.F. Görbe, *A simple proof of Sklyanin's formula for the canonical spectral coordinates of the rational Calogero-Moser system*, SIGMA **12** (2016) 027;
doi:[10.3842/SIGMA.2016.027](https://doi.org/10.3842/SIGMA.2016.027); arXiv:[1601.01181](https://arxiv.org/abs/1601.01181) [math-ph]
- [5] L. Fehér and T.F. Görbe, *On a Poisson-Lie deformation of the BC_n Sutherland system*, Nucl. Phys. B **901** (2015) 85-114;
doi:[10.1016/j.nuclphysb.2015.10.008](https://doi.org/10.1016/j.nuclphysb.2015.10.008); arXiv:[1508.04991](https://arxiv.org/abs/1508.04991) [math-ph]
- [4] T.F. Görbe and L. Fehér, *Equivalence of two sets of Hamiltonians associated with the rational BC_n Ruijsenaars-Schneider-van Diejen system*, Phys. Lett. A **379** (2015) 2685-2689;
doi:[10.1016/j.physleta.2015.08.014](https://doi.org/10.1016/j.physleta.2015.08.014); arXiv:[1503.01303](https://arxiv.org/abs/1503.01303) [math-ph]
- [3] T.F. Görbe, *On the derivation of Darboux form for the action-angle dual of trigonometric BC_n Sutherland system*, J. Phys.: Conf. Ser. **563** (2014) 012012;
doi:[10.1088/1742-6596/563/1/012012](https://doi.org/10.1088/1742-6596/563/1/012012); arXiv:[1410.0301](https://arxiv.org/abs/1410.0301) [math-ph]
- [2] L. Fehér and T.F. Görbe, *Duality between the trigonometric BC_n Sutherland system and a completed rational Ruijsenaars-Schneider-van Diejen system*, J. Math. Phys. **55** (2014) 102704;
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