論文リスト

綾野孝則

1 学術論文

1. T. Ayano, V. M. Buchstaber, Relationships Between Hyperelliptic Functions of Genus 2 and Elliptic Functions, *Symmetry, Integrability and Geometry: Methods and Applications*, **18** (2022), 010, 30 pages, 査読あり.

2. T. Ayano, V. M. Buchstaber, Analytical and number-theoretical properties of the two-dimensional sigma function, *Chebyshevskii sbornik*, Vol. 21, No. 1, (2020), pp.9–50, 査読あり.

3. T. Ayano, V. M. Buchstaber, Ultraelliptic integrals and two-dimensional sigma-functions, *Functional Analysis and Its Applications*, Vol. 53, No. 3, (2019), pp.157–173, 査読あり.

4. T. Ayano, V. M. Buchstaber, Construction of Two Parametric Deformation of KdV-Hierarchy and Solution in Terms of Meromorphic Functions on the Sigma Divisor of a Hyperelliptic Curve of Genus 3, *Symmetry, Integrability and Geometry: Methods and Applications*, **15** (2019), 032, 15 pages, 査読あり.

5. T. Ayano, V. M. Buchstaber, The field of meromorphic functions on a sigma divisor of a hyperelliptic curve of genus 3 and applications, *Functional Analysis and Its Applications*, Vol. 51, No. 3, (2017), pp.162–176, 査読あり.

6. T. Ayano, On Jacobi Inversion Formulae for Telescopic Curves, *Symmetry, Integrability and Geometry: Methods and Applications*, **12** (2016), 086, 21 pages, 査読あり.

7. T. Ayano, Sigma Functions for Telescopic Curves, *Osaka Journal of Mathematics*, Vol. 51, No. 2, (2014), pp.459–480, 査読あり.

8. T. Ayano, A. Nakayashiki, On Addition Formulae for Sigma Functions of Telescopic Curves, *Symmetry, Integrability and Geometry: Methods and Applications*, **9** (2013), 046, 14 pages, 査読あり.

9. T. Ayano, J. Suzuki, On *d*-Asymptotics for High-Dimensional Discriminant Analysis with Different Variance-Covariance Matrices, (Letter), *IEICE Transactions on Information and Systems*, Volume E95.D, Issue 12, (2012), pp.3106–3108, 査読あり.

10. T. Ayano, Rates of convergence for the *k*-nearest neighbor estimators with smoother regression functions, *Journal of Statistical Planning and Inference*, Volume 142, Issue 9, (2012), pp.2530–2536, 査読あり.

11. T. Ayano, The Lower Bound for the Nearest Neighbor Estimators with (p, C)-Smooth Regression Functions, *IEICE Transactions on Information and Systems*, Volume E94.D, Issue 11, (2011), pp.2244–2249, 査読あり.

2 学修支援活動の報告

1. 綾野孝則, 森澤理之, OCU ラーニングセンターにおける数学学修支援活動について, 大阪市立大学 『大学教育』, 第 19 巻, 第 1 号, (2022), pp.30–34, 査読あり.

3 プレプリント

1. T. Ayano, Hurwitz integrality of the power series expansion of the sigma function for telescopic curves, arXiv:2208.10079, (2022).

2. T. Ayano, Difference of solutions for the inversion problem of ultra-elliptic integrals, arXiv:2403.09406, (2024).

4 発表予定

1. T. Ayano, Relationships between hyperelliptic functions of genus 1, 2, and 3, in preparation.