

# 論文リスト

綾野孝則

## 1 原著学術論文 (査読あり)

1. 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*, Volume 51, Issue 3 (2017), 162–176.
2. T. Ayano, "On Jacobi Inversion Formulae for Telescopic Curves", *Symmetry, Integrability and Geometry: Methods and Applications*, Volume 12, 086 (2016).
3. T. Ayano, "Sigma Functions for Telescopic Curves", *Osaka Journal of Mathematics*, Volume 51, Number 2 (2014), 459–481.
4. T. Ayano, A. Nakayashiki, "On Addition Formulae for Sigma Functions of Telescopic Curves", *Symmetry, Integrability and Geometry: Methods and Applications*, Volume 9, 046 (2013).
5. 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), 3106–3108.
6. 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), 2530–2536.
7. 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), 2244–2249.

## 2 プレプリント

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", submitted, arXiv:1811.07138, (2018).

## 3 発表予定

T. Ayano, V. M. Buchstaber, "Solution of the inversion problem of the ultra-elliptic integral in terms of the sigma function of genus 2", in preparation.