

List of Papers

Hideo Takioka

Refereed Papers

- [12] Hideo Takioka, Vassiliev knot invariants derived from cable Γ -polynomials, to appear in *Topology and its Applications*.
- [11] Hideo Takioka, Classification of Abe-Tange's ribbon knots, *Topology and its Applications* 264 (2019), 27–50.
- [10] Hideo Takioka, The self-smoothing number of knots and links, *Journal of Knot Theory and Its Ramifications* 27 (2018), no. 12, 1850070, 4pp.
- [9] Hideo Takioka, The $(2, 1)$ -cable Γ -polynomials of knots up to ten crossings, *Journal of Knot Theory and Its Ramifications* 27 (2018), no. 4, 1850028, 22pp.
- [8] Hideo Takioka, Infinitely many knots with the trivial $(2, 1)$ -cable Γ -polynomial, *Journal of Knot Theory and Its Ramifications* 27 (2018), no. 2, 1850013, 18pp.
- [7] Hideo Takioka, A characterization of the Γ -polynomials of knots with clasp number at most two, *Journal of Knot Theory and Its Ramifications* 26 (2017), no. 4, 1750013, 27pp.
- [6] Hwa Jeong Lee and Hideo Takioka, On the arc index of Kanenobu knots, *Journal of Knot Theory and Its Ramifications* 26 (2017), no. 4, 1750015, 26pp.
- [5] Hwa Jeong Lee and Hideo Takioka, On the arc index of cable links and Whitehead doubles, *Journal of Knot Theory and Its Ramifications* 25 (2016), no. 7, 1650041, 23pp.
- [4] Hideo Takioka, The cable Γ -polynomials of mutant knots, *Topology and its Applications* 196 (2015), 911–920.
- [3] Hideo Takioka, On the braid index of Kanenobu knots, *Kyungpook Mathematical Journal* 2015 Vol. 55, No. 1, 169–180.
- [2] Hideo Takioka, On the braid index of Kanenobu knots II, *Journal of Knot Theory and Its Ramifications* 23 (2014), no. 13, 1450070, 19pp.
- [1] Hideo Takioka, The zeroth coefficient HOMFLYPT polynomial of a 2-cable knot, *Journal of Knot Theory and Its Ramifications* 22 (2013), no. 2, 1350001, 25pp.

Non Refereed Papers

- [4] 滝岡 英雄, Vassiliev knot invariants derived from cable Γ -polynomials, 研究集会「結び目の数理 II」報告集 (2020).
- [3] 滝岡 英雄, A characterization of the Γ -polynomials of knots with clasp number at most two, 研究集会「結び目の数学 VIII」報告集 (2016), 223–232.
- [2] 滝岡 英雄, ミュータントな結び目の零番係数 HOMFLYPT 多項式のケーブル化不変量, 研究集会「結び目の数学 V」報告集 (2013), 56–61.
- [1] 滝岡 英雄, $(2, 1)$ ケーブル結び目の零番係数多項式, 研究集会「結び目の数学 IV」報告集 (2012), 97–103.

In Preparation

- [4] Taizo Kanenobu and Hideo Takioka, 4-move distance of knots.
- [3] Hideo Takioka, The Γ -polynomial of torus knots.
- [2] Hideo Takioka, On two kinds of clasp-pass moves for knots.
- [1] Hideo Takioka, $2n$ -moves and the Γ -polynomial for knots.