

## LIST OF PUBLICATIONS

### *Refereed papers:*

1. *Equal sums of sixth powers and quadratic line complexes*, to appear from Rocky Mountain J. Math.
2. *Quadratic twists of an elliptic curve and maps from a hyperelliptic curve*, Math. J. Okayama Univ. **47** (2005), 85–97.
3. *Twenty-eight double tangent lines of a plane quartic curve with an involution and the Mordell-Weil lattices*, Comment. Math. Univ. St. Pauli **54** (2005), no. 1, 17–32.
4. *Points defined over cyclic quartic extensions on an elliptic curve and generalized Kummer surfaces*, Galois theory and modular forms, Dev. Math., vol. 11, Kluwer Acad. Publ., Boston, MA, 2004, pp. 65–76.
5. *A singular K3 surface related to sums of consecutive cubes*, with Jaap Top, Indag. Math. (N.S.) **11** (2000), no. 3, 419–435.
6. *Elliptic K3 surfaces with given Mordell-Weil rank*, Comment. Math. Univ. St. Paul. **49** (2000), no. 1, 91–100.
7. *Elliptic fibrations on quartic K3 surfaces with large Picard numbers*, Pacific J. Math. **171** (1995), no. 1, 231–243.
8. *Generalized Artin's conjecture for primitive roots and cyclicity mod  $\mathfrak{p}$  of elliptic curves over function fields*, with David A. Clark, Canad. Math. Bull. **38** (1995), no. 2, 167–173.
9. *An elliptic surface related to sums of consecutive squares*, with Jaap Top, Exposition. Math. **12** (1994), no. 2, 181–192.
10. *Topology of rational points on isotrivial elliptic surfaces*, with Lan Wang, Internat. Math. Res. Notices (1993), no. 4, 113–123.
11. *Ramified primes in the field of definition for the Mordell-Weil group of an elliptic surface*, Proc. Amer. Math. Soc. **116** (1992), no. 4, 955–959.
12. *The field of definition of the Mordell-Weil group of an elliptic curve over a function field*, Compositio Math. **76** (1990), no. 3, 399–406.
13. *The canonical height and elliptic surfaces*, J. Number Theory **36** (1990), no. 2, 201–211.
14. *Intersection homology of weighted projective spaces and pseudo-lens spaces*, Pacific J. Math. **133** (1988), no. 2, 355–362.

### *Other publications:*

15. ヤコビアンが分解する平面4次曲線の二重接線と Mordell-Weil 格子, 2004 年早稲田大学整数論研究集会報告集, 2004 年 5 月.

16. 楕円曲線への自明でない写像を持つ代数曲線について, 2002 年城崎代数幾何学シンポジウム報告集, 2002 年 1 月.
17. K3 楕円曲面とその Mordell-Weil 格子, 第 45 回代数学シンポジウム報告集, 2000 年 12 月.
18. *Torques quadratiques de courbes elliptiques et points rationnels sur les surfaces de Châtelet*, compte rendu des journées arithmétiques à Caen en juin 1993.

*Book translation:*

19. *Number theory 1 — Fermat's dream* — by Kazuya Kato, Nobushige Kurokawa, and Takeshi Saito, Iwanami Series in Modern Mathematics, American Mathematical Society, Providence, RI, 2000.  
*Number theory 2 and 3*, in progress.