

Forms and Linear Algebraic Groups

11Exx

- [1] Kanat Abdukhalikov and Rudolf Scharlau, *Unimodular lattices in dimensions 14 and 15 over the Eisenstein integers*, Math. Comp. **78** (2009), no. 265, 387–403. MR MR2448712
- [2] Alexander Berkovich and William C. Jagy, *Ternary quadratic forms, modular equations and certain positivity conjectures*, The Legacy of Alladi Ramakrishnan in the Mathematical Sciences (Krishnaswami Alladi, John R. Klauder, and Calyampudi R. Rao, eds.), Springer, New York, 2009, pp. 211–241.
- [3] Manjul Bhargava, *Higher composition laws I: A new view on Gauss composition, and quadratic generalizations*, Ann. of Math. (2) **159** (2004), no. 1, 217–250. MR MR2051392 (2005f:11062a)
- [4] Donald I. Cartwright and Tim Steger, *Application of the Bruhat–Tits tree of $SU_3(h)$ to some A_2 groups*, J. Austral. Math. Soc. Ser. A **64** (1998), no. 3, 329–344. MR MR1623286 (99i:11026)
- [5] Carlos Castaño-Bernard, *Further properties of a function of Ogg and Ligozat*, Ramanujan J. **17** (2008), no. 1, 107–121. MR MR2439528
- [6] Darrin Doud, *Supersingular Galois representations and a generalization of a conjecture of Serre*, Experiment. Math. **16** (2007), no. 1, 119–128. MR MR2312982 (2007m:11076)
- [7] Paul E. Gunnells and Dan Yasaki, *Perfect forms over totally real number fields*, 2009.
- [8] Jonathan Hanke, *Local densities and explicit bounds for representability by a quadratic form*, Duke Math. J. **124** (2004), no. 2, 351–388. MR MR2079252 (2005m:11060)
- [9] Boris Hemkemeier, *Algorithmische Konstruktionen von Gittern*, 2004.
- [10] Ben Kane, *CM liftings of supersingular elliptic curves*, 2009.
- [11] Piotr Maciak, *Primes of the form $x^2 + n * y^2$ in function fields*, 2009.

- [12] Jeremy Rouse, *Zagier duality for the exponents of Borchers products for Hilbert modular forms*, J. London Math. Soc. (2) **73** (2006), no. 2, 339–354. MR MR2225490 (2006m:11059)
- [13] John Voight, *Quadratic Forms and Quaternion Algebras: Algorithms and Arithmetic*, Ph.D. thesis, Berkeley, 2005, p. 98.
- [14] John Voight, *Quadratic forms that represent almost the same primes*, Math. Comp. **76** (2007), no. 259, 1589–1617 (electronic). MR MR2299790 (2007m:11055)
- [15] Tonghai Yang, *Local densities of 2-adic quadratic forms*, J. Number Theory **108** (2004), no. 2, 287–345. MR MR2098640 (2005i:11048)
- [16] Dan Yasaki, *Binary Hermitian forms over a cyclotomic field*, J. Algebra **322** (2009), no. 11, 4132–4142. MR MR2556143
- [17] Dan Yasaki, *Hyperbolic tessellations associated to Bianchi groups*, Algorithmic Number Theory, Lecture Notes in Comput. Sci., vol. 6197, Springer, Berlin, 2010, pp. 385–396.