

**LIST OF PUBLICATIONS**  
**ANDREW G. EARNEST**

1. Springer-type theorems for spinor genera of quadratic forms, with J. S. Hsia, *Bull. Amer. Math. Soc.* **81** (1975), 942-943.
2. Spinor norms of local integral rotations, II, with J. S. Hsia, *Pacific J. Math.* **61** (1975), 71-86.
3. Spinor genera under field extensions, I, with J. S. Hsia, *Acta Arith.* **32** (1977), 115-128.
4. Spinor genera under field extensions, III: quadratic extensions, with J. S. Hsia, in *Number Theory and Algebra*, Academic Press, New York, 1977, 43-62.
5. Spinor genera of unimodular  $Z$ -lattices in quadratic fields, *Proc. Amer. Math. Soc.* **64** (1977), 189-195.
6. Lattices with small class numbers in quadratic fields, Conference on Quadratic Forms (Kingston, Ontario, 1976), *Queen's Papers in Pure and Applied Mathematics*, Vol. 46, Queen's University Press, Kingston, Ontario, 1977, 419-421.
7. Spinor genera under field extensions, II: 2 unramified in the bottom field, with J. S. Hsia, *Amer. J. Math.* **100** (1978), 523-538.
8. Class groups in the genus and spinor genus of binary quadratic lattices, with D. R. Estes, *Proc. London Math. Soc.* **40** (1980), 40-52.
9. Congruence conditions on integers represented by ternary quadratic forms, *Pacific J. Math.* **90** (1980), 325-333.
10. An algebraic approach to the growth of class numbers of binary quadratic lattices, with D. R. Estes, *Mathematika* **28** (1981), 160-168.
11. Partitionings of a genus of quadratic forms, *J. Number Theory* **14** (1982), 1-8.
12. On ideal class groups of 2-power exponent, with O. H. Körner, *Proc. Amer. Math. Soc.* **86** (1982), 196-198.
13. Representation of spinor exceptional integers by ternary quadratic forms, *Nagoya Math. J.* **93** (1984), 27-38.

14. On the representation of integers with large square factors by positive definite ternary quadratic forms, *Mathematika* **31** (1984), 252-257.
15. Exponents of the ideal class groups of imaginary abelian numbers fields, *Bull. Australian Math. Soc.* **35** (1987), 231-246.
16. Minimal discriminants of indefinite ternary quadratic forms having specified class number, *Mathematika* **35** (1988), 95-100.
17. Finiteness theorems for number fields having class groups of given 2-power exponent, in *Number Theory and Applications*, NATO ASI Series: Mathematical and Physical Sciences – Vol. 265, Kluwer Academic Publishers, Dordrecht, 1989, 373-380.
18. Binary quadratic forms over rings of algebraic integers, in *Theorie des nombres/Number Theory*, J. M. DeKoninck and C. Levesque, eds., Walter de Gruyter, Berlin-New York, 1989, 133-159.
19. Ideal class groups of exponent two and one-class genera of binary quadratic lattices, *Rocky Mountain J. Math.* **19** (1989), 669-673.
20. Discriminants and class numbers of indefinite integral quadratic forms, in *Number Theory* (R.A. Mollin, ed.), Walter de Gruyter, Berlin-New York, 1990, 115-123.
21. Spinor regular positive ternary quadratic forms, with J. W. Benham, J. S. Hsia, and D. C. Hung, *J. London Math. Soc.* **42** (1990), 1-10.
22. On the theta series of positive quaternary quadratic forms, with G. L. Nipp, *C. R. Math. Rep. Acad. Sci. Canada* **13** (1991), 33-38.
23. One-class spinor genera of positive quadratic forms, with J. S. Hsia, *Acta Arith.* **58** (1991), 133-139.
24. Genera of rationally equivalent integral binary quadratic forms, *Proc. Royal Soc. Edinburgh* **119A** (1991), 27-30.
25. The distribution of genera among quadratic spaces over global fields, *Proc. Royal Soc. Edinburgh* **123A** (1993), 391-397.
26. Two-element generation of orthogonal groups over finite fields, with H. Ishibashi, *J. Algebra* **165** (1994), 164-171.
27. Primitive representations by spinor genera of ternary quadratic forms, with J. S. Hsia and D. C. Hung, *J. London Math. Soc.* **50** (1994), 222-230.

28. The representation of binary quadratic forms by positive definite quaternary quadratic forms, *Trans. Amer. Math. Soc.* **345** (1994), 853-863.
29. Generation of orthogonal groups over finite fields, in *Groups 1993 Galway/St. Andrews*, London Math. Soc. Lecture Note Series 211 (1995), 172-176.
30. Remarks on the generation of orthogonal groups over finite fields, with R. A. Catalpa, U. S. Schmidt and G. T. Stewart, *J. Algebra* **176** (1995), 585-590.
31. An application of character sum inequalities to quadratic forms, in *Number Theory* (K. Dilcher, ed.), Canadian Math. Soc. Conf. Proc. 15 (1995), 155-158.
32. Representation of integers by positive definite binary hermitian lattices over imaginary quadratic fields, with A. Khosravani, *J. Number Theory* **62** (1997), 368-374.
33. Universal binary hermitian forms, with A. Khosravani, *Math. Comp.* **66** (1997), 1161-1168.
34. Universal positive quaternary quadratic lattices over totally real number fields, with A. Khosravani, *Mathematika* **44** (1997), 342-347.
35. Universal and regular positive quadratic lattices over totally real number fields, *Integral quadratic forms and lattices (Seoul, Korea, 1998)*, *Contemp. Math.* **249** (1999), 17-27.
36. Minimal generating sets for unitary groups over finite fields, with B. S. Sears, *Int. J. Pure Applied Math.* **9** (2003), 59-66.
37. Discriminant bounds for spinor regular ternary quadratic lattices, with W.K. Chan, *J. London Math. Soc.* **69** (2004), 545-561.
38. Regularity properties of positive definite integral quadratic forms, with W.K. Chan and B.-K. Oh, *Algebraic and Arithmetic Theory of Quadratic Forms*, *Contemp. Math.* **344** (2004), 59-71.
39. Finiteness results for regular definite ternary quadratic forms over  $\mathbb{Q}(\sqrt{5})$ , with W.K. Chan, M.I. Icaza and J.Y. Kim, *Int. J. Number Theory* **3** (2007), 541-556..
40. Represented value sets for integral binary quadratic forms and lattices, with R.W. Fitzgerald, *Proc. Amer. Math. Soc.* **135** (2007), 3765-3770.
41. Multiplicative properties of integral binary quadratic forms, with R.W. Fitzgerald, *Contemp. Math.*, to appear.