

Last updated: 21/07/2024

LIST OF PUBLICATIONS OF K. GYŐRY

BOOKS

- [1] K. Győry, *Résultats effectifs sur la représentation des entiers par des formes décomposables*. Queen's Papers in Pure and Applied Math., No. **56**, Kingston, Canada, 1980.
- [2] J.-H. Evertse and K. Győry, *Unit Equations in Diophantine Number Theory*, Cambridge University Press, 2015.
- [3] J.-H. Evertse and K. Győry, *Discriminant Equations in Diophantine Number Theory*, Cambridge University Press, 2016.
- [4] J.-H. Evertse and K. Győry, *Effective results and methods for Diophantine equations over finitely generated domains*, Cambridge University Press, 2022.

EDITED BOOKS

- [5] K. Győry and G. Halász, *Number Theory*. Coll. Math. Soc. J. Bolyai **51**, North-Holland Publ. Comp., Amsterdam-Oxford-New York, 1990.
- [6] K. Győry, A. Pethő and V. T. Sós, *Number Theory, Diophantine, Computational and Algebraic Aspects*, Walter de Gruyter, Berlin-New York, 1998.
- [7] K. Győry, H. Iwaniec and J. Urbanowicz, *Number Theory in Progress*, Walter de Gruyter, Berlin-New York, 1999.
- [8] K. Győry and S. Kanemitsu, *Number Theory and Its Applications*, Kluwer Acad. Publ., Boston-Dordrecht-London, 1999.
- [9] J. Pintz, A. Bíró, K. Győry, G. Harcos, M. Simonovits, J. Szabados, *Number Theory, Analysis and Combinatorics*, De Gruyter Proceedings in Mathematics, Budapest: De Gruyter, 2013.

DISSERTATIONS

- [10] K. Győry, *Contributions to the theory of diophantine equations* (in Hungarian). University doctor's thesis, Debrecen, 1966.
- [11] K. Győry, *Diophantine investigations in the theory of irreducible polynomials* (in Hungarian). Candidate's thesis, Debrecen, 1972.
- [12] K. Győry, *Effective finiteness theorems for diophantine problems and their applications* (in Hungarian). Academic doctor's thesis, Debrecen, 1983.

RESEARCH PAPERS

- [13] K. Győry, *On the diophantine equations $\binom{n}{2} = a^l$ and $\binom{n}{3} = a^l$* (in Hungarian). Mat. Lapok **14** (1963), 322-329.
- [14] K. Győry and Á. Pethő, *On solutions with "many" zeros in homogeneous linear equation systems* (in Hungarian). Mat. Lapok **16** (1965), 267-273.
- [15] Z. Daróczy and K. Győry, *Die Cauchysche Funktionalgleichung über diskrete Mengen*. Publ. Math. Debrecen **13** (1966), 249-256.
- [16] K. Győry, *Über die diophantische Gleichung $x^p + y^p = cz^p$* . Publ. Math. Debrecen **13** (1966), 301-306.
- [17] K. Győry, *On the diophantine equation $x^p + y^p = cz^p$* (in Hungarian). Mat. Lapok **18** (1967), 93-96.
- [18] K. Győry, *Note sur un théorème de H. Davenport et de K. F. Roth*. Publ. Math. Debrecen **14** (1967), 331-336.
- [19] K. Győry, *Sur une classe des équations diophantiennes*. Publ. Math. Debrecen **15** (1968), 165-179.
- [20] K. Győry and B. Kovács, *On a number-theoretical congruence* (in Hungarian). Mat. Lapok **19** (1968), 109-116.
- [21] K. Győry, *Sur une classe des équations diophantiennes* Number Theory. Coll. Math. Soc. J. Bolyai **2**, pp. 111-116. North-Holland Publ. Comp., Amsterdam-London, 1969.
- [22] K. Győry, *Note on the paper of W. M. Schmidt "Some diophantine equations in three variables with only finitely many solutions"*. Ann. Univ. Sci. Budapest. Eötvös, Sect. Math. **12** (1969), 67-71.
- [23] K. Győry, *Représentation des nombres par des formes décomposables I*. Publ. Math. Debrecen **16** (1969), 253-263.
- [24] K. Győry and L. Lovász, *Representation of integers by norm forms II*. Publ. Math. Debrecen **17** (1970), 173-181.
- [25] K. Győry, *Sur l'irréductibilité d'une classe des polynômes I*. Publ. Math. Debrecen **18** (1971), 289-307.
- [26] K. Győry, *Sur l'irréductibilité d'une classe des polynômes II*. Publ. Math. Debrecen **19** (1972), 293-326.
- [27] K. Győry, *Sur les polynômes à coefficients entiers et de discriminant donné*. Acta Arith. **23** (1973), 419-426.
- [28] K. Győry, *Sur les polynômes à coefficients entiers et de discriminant donné II*. Publ. Math. Debrecen **21** (1974), 125-144.
- [29] K. Győry, *Professor Dr. Andor Kertész (1929–1974)*. Publ. Math. Debrecen **21** (1974), 159-160.

- [30] K. Győry, *Sur une classe des corps de nombres algébriques et ses applications*. Publ. Math. Debrecen **22** (1975), 151-175.
- [31] K. Győry and A. Pethő, *Sur la distribution des solutions des équations du type "norme-forme"*. Acta Math. Acad. Sci. Hungar. **26** (1975), 135-142.
- [32] K. Győry, *Sur les polynômes à coefficients entiers et de discriminant donné III*. Publ. Math. Debrecen **23** (1976), 141-165.
- [33] K. Győry, *Polynomials with given discriminant*. Topics in Number Theory. Coll. Math. Soc. J. Bolyai **13**, pp. 65-78. North-Holland Publ. Comp., 1976.
- [34] K. Győry and J. Rimán, *On irreducibility criteria of Schur type* (in Hungarian). Mat. Lapok **24** (1973), 225-253 (1977).
- [35] K. Győry and A. Pethő, *Über die Verteilung der Lösungen von Normformen Gleichungen II*. Acta Arith. **32** (1977), 349-363.
- [36] K. Győry and W. Leahey, *A note on Hilbert class fields of algebraic number fields*. Acta Math. Acad. Sci. Hungar. **29** (1977), 251-254.
- [37] K. Győry, *Représentation des nombres entiers par des formes binaires*. Publ. Math. Debrecen **24** (1977), 363-375.
- [38] K. Győry and Z. Z. Papp, *On discriminant form and index form equations*. Studia Sci. Math. Hungar. **12** (1977), 47-60 (1980).
- [39] K. Győry, *On polynomials with integer coefficients and given discriminant IV*. Publ. Math. Debrecen **25** (1978), 155-167.
- [40] K. Győry and Z. Z. Papp, *Effective estimates for the integer solutions of norm form and discriminant form equations*. Publ. Math. Debrecen **25** (1978), 311-325.
- [41] K. Győry, *On polynomials with integer coefficients and given discriminant V, p -adic generalizations*. Acta Math. Acad. Sci. Hungar. **32** (1978), 175-190.
- [42] K. Győry, *On the greatest prime factors of decomposable forms at integer points*. Ann. Acad. Sci. Fenn., Ser. A I Math. **4** (1978/1979), 341-355.
- [43] M. Voorhoeve, K. Győry and R. Tijdeman, *On the Diophantine equation $1^k + 2^k + \cdots + x^k + R(x) = y^z$* . Acta Math. **143** (1979), 1-8.
- [44] K. Győry, *On the number of solutions of linear equations in units of an algebraic number field*. Comment. Math. Helv. **54** (1979), 583-600.
- [45] K. Győry, *Norm form equations*. Séminaire de Théorie des Nombres, 1978-1979, Univ. Bordeaux, No. **25**, 1-9 (1979).

- [46] K. Győry, *On the solutions of linear Diophantine equations in algebraic integers of bounded norm*. Ann. Univ. Sci. Budapest. Eötvös, Sect. Math. **22-23** (1979-1980), 225-233.
- [47] K. Győry, *On certain graphs composed of algebraic integers of a number field and their applications I*. Publ. Math. Debrecen **27** (1980), 229-242.
- [48] K. Győry and A. Pethő, *Über die Verteilung der Lösungen von Normformen Gleichungen III*. Acta Arith. **37** (1980), 143-165.
- [49] K. Győry, R. Tijdeman and M. Voorhoeve, *On the equation $1^k + 2^k + \cdots + x^k = y^z$* . Acta Arith. **37** (1980), 233-240.
- [50] P. Erdős, K. Győry and Z. Z. Papp, *On some new properties of functions $\sigma(n)$, $\varphi(n)$, $d(n)$ and $\nu(n)$* (in Hungarian). Mat. Lapok **28** (1980), 125-131.
- [51] K. Győry, *Explicit upper bounds for the solutions of some diophantine equations*. Ann. Acad. Sci. Fenn., Ser. A I Math. **5** (1980), 3-12.
- [52] K. Győry, *Corps de nombres algébriques d'anneau d'entiers monogène*. Séminaire Delange-Pisot-Poitou (Théorie des Nombres), 20e année, 1978/1979. Paris, No **26**, 1-7 (1980).
- [53] K. Győry, *Sur une généralisation de l'équation de Thue-Mahler*. C. R. Acad. Sci. Paris, Sér. A **290** (1980), 633-635.
- [54] K. Győry, *Explicit lower bounds for linear forms with algebraic coefficients*. Arch. Math. **35** (1980), 438-446.
- [55] K. Győry, *Sur certaines généralisations de l'équation de Thue-Mahler*. Enseign. Math. **26** (1980), 247-255.
- [56] K. Győry, *On the representation of integers by decomposable forms in several variables*. Publ. Math. Debrecen **28** (1981), 89-98.
- [57] K. Győry, *On discriminants and indices of integers of an algebraic number field*. J. Reine Angew. Math. **324** (1981), 114-126.
- [58] K. Győry, P. Kiss and A. Schinzel, *On Lucas and Lehmer sequences and their applications to diophantine equations*. Colloq. Math. **45** (1981), 75-80.
- [59] K. Győry, *On certain graphs associated with an integral domain and their applications to diophantine problems*. Publ. Math. Debrecen **29** (1982), 79-94.
- [60] K. Győry, *On some arithmetical properties of Lucas and Lehmer numbers*. Acta Arith. **40** (1982), 369-373.
- [61] K. Győry, *On the irreducibility of a class of polynomials III*. J. Number Theory **15** (1982), 164-181.

- [62] K. Győry, *Polynomials of given discriminant and integral elements of given discriminant over integral domains*. C. R. Math. Rep. Acad. Sci. Canada **4** (1982), 75-80.
- [63] K. Győry, *On S-integral solutions of norm form, discriminant form and index form equations*. Studia Sci. Math. Hungar. **16** (1981), 149-161 (1983).
- [64] K. Győry and Z. Z. Papp, *Norm form equations and explicit lower bounds for linear forms with algebraic coefficients*. Studies in Pure Mathematics (To the memory of Paul Turán), Akadémia Kiadó, Budapest, 1983. pp. 245-257.
- [65] K. Győry, *Bounds for the solutions of norm form, discriminant form and index form equations in finitely generated integral domains*. Acta Math. Hungar. **42** (1983), 45-80.
- [66] K. Győry, *Graphs associated with an integral domain and their applications*. Finite and infinite sets. Coll. Math. Soc. J. Bolyai, **37**. North-Holland Publ. Comp., 1984. pp. 349-358.
- [67] K. Győry, *On norm form, discriminant form and index form equations*. Topics in Classical Number Theory. Coll. Math. Soc. J. Bolyai, **34**. North-Holland Publ. Comp., 1984. pp. 617-676.
- [68] K. Győry, *Effective finiteness theorems for polynomials with given discriminant and integral elements with given discriminant over finitely generated domains*. J. Reine Angew. Math. **346** (1984), 54-100.
- [69] K. Győry, *Sur les générateurs des ordres monogènes des corps de nombres algébriques*. Séminaire de Théorie des Nombres, 1983-84. Univ. Bordeaux, No. **32**. pp. 12 (1984).
- [70] J.-H. Evertse and K. Győry, *On unit equations and decomposable form equations*. J. Reine Angew. Math. **358** (1985), 6-19.
- [71] B. Brindza, K. Győry and R. Tijdeman, *The Fermat equation with polynomial values as base variables*. Invent. Math. **80** (1985), 139-151.
- [72] B. Brindza, K. Győry and R. Tijdeman, *On the Catalan equation over algebraic number fields*. J. Reine Angew. Math. **367** (1986), 90-102.
- [73] K. Győry, C. L. Stewart and R. Tijdeman, *On prime factors of sums of integers I*. Compositio Math. **59** (1986), 81-89.
- [74] J.-H. Evertse, K. Győry, T. N. Shorey and R. Tijdeman, *Equal values of binary forms at integral points*. Acta Arith. **48** (1987), 379-396.
- [75] J.-H. Evertse and K. Győry, *On the number of polynomials and integral elements of given discriminant*. Acta Math. Hungar. **51** (1988), 341-362.
- [76] K. Győry, C. L. Stewart and R. Tijdeman, *On prime factors of sums of integers III*. Acta Arith. **49** (1988), 307-312.

- [77] J.-H. Evertse, K. Győry, C. L. Stewart and R. Tijdeman, *On S-unit equations in two unknowns*. Invent. Math. **92** (1988), 461-477.
- [78] J.-H. Evertse and K. Győry, *On the numbers of solutions of weighted unit equations*. Compositio Math. **66** (1988), 329-354.
- [79] K. Győry and T. N. Shorey, *On the denominators of equivalent algebraic numbers*. Indag. Math. **50** (1988), 29-41.
- [80] J.-H. Evertse and K. Győry, *Finiteness criteria for decomposable form equations*. Acta Arith. **50** (1988), 357-379.
- [81] J.-H. Evertse, K. Győry, C. L. Stewart and R. Tijdeman, *S-unit equations and their applications*. New Advances in Transcendence Theory (A. Baker ed.), pp. 110-174. Cambridge University Press, 1988.
- [82] J.-H. Evertse and K. Győry, *Decomposable form equations*. New Advances in Transcendence Theory (A. Baker ed.), pp. 175-202. Cambridge University Press, 1988.
- [83] J.-H. Evertse, I. Gaál and K. Győry, *On the numbers of solutions of decomposable polynomial equations*. Arch. Math. **52** (1989), 337-353.
- [84] J.-H. Evertse and K. Győry, *Thue-Mahler equations with a small number of solutions*. J. Reine Angew. Math. **399** (1989), 60-80.
- [85] J.-H. Evertse and K. Győry, *On the number of solutions of unit equations and decomposable polynomial equations*. Number Theory. Coll. Math. Soc. J. Bolyai **51**. North-Holland Publ Comp., 1990. pp. 671-696.
- [86] B. Brindza and K. Győry, *On unit equations with rational coefficients*. Acta Arith. **53** (1990), 367-388.
- [87] K. Győry, *On arithmetic graphs associated with integral domains*. A Tribute to Paul Erdős. Cambridge University Press, 1990. pp. 207-222.
- [88] J. Buchmann, K. Győry, M. Mignotte and N. Tzanakis, *Lower bounds for $P(x^3+k)$, an elementary approach*. Publ. Math. Debrecen **38** (1990), 1-19.
- [89] K. Győry, M. Mignotte and T. N. Shorey, *On some arithmetical properties of weighted sums of S-units*. Math. Pannon. **1/2** (1990), 25-43.
- [90] J.-H. Evertse and K. Győry, *Thue inequalities with a small number of solutions*. The Mathematical Heritage of C. F. Gauss. World Scientific Publ. Comp., 1991. pp. 204-224.
- [91] J.-H. Evertse and K. Győry, *Effective finiteness results for binary forms with given discriminant*. Compositio Math. **79** (1991), 169-204.
- [92] J.-H. Evertse and K. Győry, *Some new results on Thue equations and Thue-Mahler equations*. Computational Number Theory. Walter de Gruyter, Berlin-New York, 1991. pp. 295-302

- [93] B. Brindza, J.-H. Evertse and K. Győry, *Bounds for the solutions of some diophantine equations in terms of discriminants*. J. Austral. Math. Soc., Ser. A **51** (1991), 8-26.
- [94] K. Győry and A. Pethő, *On second order linear divisibility sequences over algebraic number fields*. Publ. Math. Debrecen **39** (1991), 171-179.
- [95] J.-H. Evertse and K. Győry, *Effective finiteness theorems for decomposable forms of given discriminant*. Acta Arith. **60** (1992), 233-277.
- [96] K. Győry, *Upper bounds for the numbers of solutions of unit equations in two unknowns*. Lithuanian Math. J. **32** (1992), 40-44.
- [97] K. Győry, *On arithmetic graphs associated with integral domains II*. Sets, Graphs and Numbers. Coll. Math. Soc. J. Bolyai **60**, North-Holland Publ. Comp., 1992. pp. 365-374.
- [98] J.-H. Evertse and K. Győry, *Discriminants of decomposable forms*. New Trends in Probability and Statistics, Vol, 2: Analytic and Probabilistic Methods in Number Theory, VSP Int. Science Publ., Zeist, 1992. pp. 39-56.
- [99] K. Győry, *On the irreducibility of a class of polynomials IV*. Acta Arith. **62** (1992), 399-405.
- [100] K. Győry, *Some recent applications of S-unit equations*. Astérisque, **209**. Soc. Math. France, 1992. pp. 17-38.
- [101] K. Győry, *On the number of pairs of polynomials with given resultant or given semi-resultant*. Acta. Sci. Math. **57** (1993), 515-529.
- [102] J.-H. Evertse and K. Győry, *Lower bounds for resultants I*. Compositio Math. **88** (1993), 1-23.
- [103] K. Győry, *On pairs of binary forms with given resultant or given semi-resultant*. Math. Pannon. **4** (1993), 169-180.
- [104] K. Győry, *Some new results connected with resultants of polynomials and binary forms*. Grazer Math. Ber. **318** (1993), 17-27.
- [105] K. Győry, *On the numbers of families of solutions of systems of decomposable form equations*. Publ. Math. Debrecen **42** (1993), 65-101.
- [106] K. Győry, *Some applications of decomposable form equations to resultant equations*. Colloq. Math. **65** (1993), 267-275.
- [107] K. Győry and A. Schinzel, *On a conjecture of Posner and Rumsey*. J. Number Theory **47** (1994), 63-78.
- [108] K. Győry, *Upper bounds for the degrees of decomposable forms of given discriminant*. Acta Arith. **66** (1994), 261-268.
- [109] K. Győry, *On the irreducibility of neighbouring polynomials*. Acta Arith. **67** (1994), 283-294.

- [110] K. Győry, *On a problem of A. M. Odlyzko on algebraic units of bounded degree.* Acta Math. Hungar. **69** (1995), 1-4.
- [111] K. Győry, *Applications of unit equations.* Analytic Number Theory, Kyoto, 1996. pp. 62-78.
- [112] Y. Bugeaud and K. Győry, *Bounds for the solutions of unit equations.* Acta Arith. **74** (1996), 67-80.
- [113] Y. Bugeaud and K. Győry, *Bounds for the solutions of Thue-Mahler equations and norm form equations.* Acta Arith. **74** (1996), 273-292.
- [114] K. Győry, A. Sárközy and C. L. Stewart, *On the number of prime factors of integers of the form $ab + 1$.* Acta Arith. **74** (1996), 365-385.
- [115] K. Győry and A. Sárközy, *On prime factors of integers of the form $(ab + 1)(bc + 1)(ca + 1)$.* Acta Arith. **79** (1997), 163-171.
- [116] G. R. Everest and K. Győry, *Counting solutions of decomposable form equations.* Acta Arith. **79** (1997), 173-191.
- [117] K. Győry, *On the diophantine equation $\binom{n}{k} = x^l$.* Acta Arith. **80** (1997), 289-295.
- [118] J.-H. Evertse and K. Győry, *The number of families of solutions of decomposable form equations.* Acta Arith. **80** (1997), 367-394.
- [119] A. Ádám, K. Győry and A. Sárközy, *The life and mathematics of Paul Erdős (1913–1996).* Math. Japon. **46** (1997), 517-526.
- [120] K. Győry, *Bounds for the solutions of decomposable form equations.* Publ. Math. Debrecen **52** (1998), 1-31.
- [121] K. Győry, *Recent bounds for the solutions of decomposable form equations.* Number Theory. Walter de Gruyter, Berlin-New York, 1998. pp. 255-270.
- [122] K. Győry, *On the diophantine equation $n(n + 1) \cdots (n + k - 1) = bx^l$.* Acta Arith. **83** (1998), 87-92.
- [123] K. Győry and Min Ru, *Integer solutions of a sequence of decomposable form inequalities.* Acta Arith. **86** (1998), 227-237.
- [124] K. Győry, *Power values of binomial coefficients.* Number Theory and Its Applications. Kyoto, 1998. pp. 124-136.
- [125] K. Győry, *On the distribution of solutions of decomposable form equations.* Number Theory in Progress. Walter de Gruyter, Berlin-New York, 1999. pp. 237-265.
- [126] I. Gaál and K. Győry, *Index form equations in quintic fields.* Acta Arith. **89** (1999), 379-396.

- [127] K. Győry, *Power values of products of consecutive integers and binomial coefficients*. Number Theory and Its Applications, Kluwer Acad. Publ., Boston-Dordrecht-London, 1999. pp. 145-156.
- [128] K. Győry, *Ákos Császár is 75 years old* (in Hungarian). Mat. Lapok, New Series **4** (1994), 9-10 (1999).
- [129] K. Győry, *Discriminant form and index form equations*. Algebraic Number Theory and Diophantine Analysis. Walter de Gruyter, Berlin-New York, 2000. pp. 191-214.
- [130] K. Győry, *Thue inequalities with a small number of primitive solutions*. Periodica Math. Hungar. **42** (2001), 199-209.
- [131] G. Everest, I. Gaál, K. Győry and G. Röttger, *On the spatial distribution of solutions of decomposable form equations*. Math. Comp. **71** (2002), 633-648.
- [132] K. Győry, *On the number of primitive solutions of Thue equations and Thue inequalities*. Paul Erdős and His Mathematics, Vol. I, Springer, 2002. pp. 279-294.
- [133] K. Győry, *Solving diophantine equations by Baker's theory*. A Panorama of Number Theory, Cambridge University Press, 2002. pp. 38-72.
- [134] A. Bérczes and K. Győry, *On the number of solutions of decomposable polynomial equations*. Acta Arith. **101** (2002), 171-187.
- [135] K. Győry, *On the solutions of decomposable form equations* New Aspects of Analytic Number Theory, Research Institute for Mathematical Sciences, Kyoto, 2002. pp. 142-156.
- [136] K. Győry and Á. Pintér, *On the equation $1^k + 2^k + \dots + x^k = y^n$* . Publ. Math. Debrecen **62** (2003), 403-414.
- [137] K. Győry, *On some arithmetical properties of Lucas and Lehmer numbers II*. Acta Acad. Paed. Agriensis, Sect. Math. **30** (2003), 67-73.
- [138] G. Everest and K. Győry, *Primitive prime divisors*, Preprint (2003).
- [139] Y. Bugeaud and K. Győry, *On binomial Thue-Mahler equations*. Periodica Math. Hungar. **49** (2004), 25-34.
- [140] A. Bérczes, J.-H. Evertse and K. Győry, *On the number of equivalence classes of binary forms with given degree and given discriminant*. Acta Arith. **113** (2004), 363-399.
- [141] K. Győry, L. Hajdu and N. Saradha, *On the diophantine equation $n(n+d) \dots (n+(k-1)d) = by^l$* . Canad. Math. Bull. **47** (2004), 373-388.
- [142] K. Győry, L. Hajdu, Á. Pintér and A. Schinzel, *Polynomials determined by a few of their coefficients*. Indag. Math. N. S. **15** (2004), 209-221.

- [143] M. Bennett, K. Győry and Á. Pintér, *On the diophantine equation $1^k + 2^k + \cdots + x^k = y^n$* . Compositio Math., **140** (2004), 1417-1431.
- [144] Y. Bilu, I. Gaál and K. Győry, *Index form equations in sextic fields: a hard computation*. Acta Arith. **115** (2004), 85-96.
- [145] K. Győry, A. Pethő and Á. Pintér, *Béla Brindza (1958-2003)*. Publ. Math. Debrecen **65** (2004), 1-11.
- [146] K. Győry, I. Pink and Á. Pintér, *Power values of polynomials and binomial Thue-Mahler equations*. Publ. Math. Debrecen, **65** (2004), 341-362.
- [147] G. Everest and K. Győry, *On some arithmetical properties of solutions of decomposable form equations*. Math. Proc. Cambridge Philos. Soc., **139** (2005), 27-40.
- [148] K. Győry and Á. Pintér, *Almost perfect powers in products of consecutive integers*. Monatsh. Math., **145** (2005), 19-33.
- [149] K. Győry, *Index form equations and their applications*. Proc. of the Institute of Math. of NAN, Belarus, **13**, No 1, (2005), 83-93.
- [150] M. Bennett, N. Bruin, K. Győry and L. Hajdu, *Powers from products of consecutive terms in arithmetic progressions*. Proc. London Math. Soc., (3) **92** (2006), 273-306.
- [151] K. Győry, *Polynomials and binary forms with given discriminant*, Publ. Math. Debrecen, **69** (2006), 473-499.
- [152] M. Bennett, K. Győry, M. Mignotte and Á. Pintér, *Binomial Thue equations and polynomial powers*. Compositio Math., **142** (2006), 1103-1121.
- [153] K. Győry, *Perfect powers in products with consecutive terms from arithmetic progressions*, in "More Sets, Graphs and Numbers", Springer and Bolyai Society, Budapest, 2006, pp. 143-155.
- [154] K. Győry and K. Yu, *Bounds for the solutions of S-unit equations and decomposable form equations*, Acta Arith., **123** (2006), 9-41.
- [155] N. Bruin, K. Győry, L. Hajdu and Sz. Tengely, *Arithmetic progressions consisting of unlike powers*, Indag Math., N.S. **17** (2006), 539-555.
- [156] A. Bérczes, J.-H. Evertse and K. Győry, *On the numbers of pairs of binary forms with given degree and given resultant*, Acta Arith., **128** (2007), 19-54.
- [157] A. Bérczes, J.-H. Evertse and K. Győry, *Diophantine problems related to discriminants and resultants of binary forms*, in "Diophantine Geometry", Pisa, 2007. pp. 45-63.
- [158] K. Győry and Á. Pintér, *On the resolution of equations $Ax^n - By^n = C$ in integers x, y and $n \geq 3$* , Publ. Math. Debrecen, **70** (2007), 483-501.

- [159] K. Győry and Á. Pintér, *Polynomial powers and a common generalization of binomial Thue-Mahler equations and S-unit equations*, in Diophantine Equations, Narosa Publ. House, New Delhi, India, (2008), 103-119.
- [160] K. Győry, *On certain arithmetic graphs and their applications to diophantine problems*, Functiones et Approximatio Commentarii Mathematici, **39** (2008), 289-314.
- [161] K. Győry, *On the abc conjecture in algebraic number fields*, Acta Arith., **133** (2008), 281-295.
- [162] A. Bérczes, J.-H. Evertse and K. Győry, *Effective results for linear equations in two unknowns from a multiplicative division group*, Acta Arith., **136** (2009), 331-349.
- [163] K. Győry, L. Hajdu and Á. Pintér, *Perfect powers from products of consecutive terms in arithmetic progression*, Compositio Math., **145** (2009), 845-864.
- [164] A. Bérczes, J.-H. Evertse, K. Győry and C. Pontreau, *Effective results for points on certain subvarieties of tori*, Math. Proc. Cambridge Phil. Soc., **147** (2009), 69-94.
- [165] A. Bazsó, A. Bérczes, K. Győry and Á. Pintér, *On the resolution of equations $Ax^n - By^n = C$ in integers x, y and $n \geq 3$, II*, Publ. Math. Debrecen, **76** (2010), 227-250.
- [166] K. Győry and C. Smyth, *The divisibility of $a^n - b^n$ by powers of n* , Integers, **10** (2010), 319-334.
- [167] K. Győry, *S-unit equations in number fields: effective results, generalizations, abc-conjecture*, in: Analytic number theory and related topics, Kyoto University, Kyoto, RIMS, 1710 (2010), 71-84.
- [168] K. Győry and Á. Pintér, *Binomial Thue equations, ternary equations and power values of polynomials*, (Russian) Fundam. Prikl. Math. **16** (2010), 61-77.
- [169] K. Győry, L. Hajdu and R. Tijdeman, *Irreducibility criteria of Schur-type and Pólya-type*, Monatsh. Math. **163** (2011), 415-443.
- [170] K. Győry and Á. Pintér, *Binomial Thue equations, ternary equations and power values of polynomials*, J. Math. Sciences **180** (2012), 569-580. (English version of [167])
- [171] A. Dujella, K. Győry and Á. Pintér, *On power values of pyramidal numbers, I*, Acta Arith. **155** (2012), 217-226.
- [172] A. Bérczes, J.-H. Evertse and K. Győry, *Multiply monogenic orders*, Ann. Scuola Normale Sup. Pisa Cl. Sci. (5) **12** (2013), 467-497.

- [173] J.-H. Evertse and K. Győry, *Effective results for unit equations over finitely generated domains*, Math. Proc Cambridge Philos. Soc. **154** (2013), 351–380.
- [174] K. Győry, *Perfect powers in products with consecutive terms from arithmetic progressions II*, in: *Erdős Centennial*, Bolyai Soc. Math. Stud., Springer, 2013, 311–324.
- [175] A. Bérczes, J.-H. Evertse and K. Győry, *Effective results for hyper- and superelliptic equations over number fields*, Publ. Math. Debrecen **82** (2013), 727–756.
- [176] J.-H. Evertse, K. Győry, *Effective results for Diophantine equations over finitely generated domains: A survey*, in: *Turán memorial*, Number Theory, Analysis and Combinatorics: Proceedings of the Paul Turan memorial conference, Budapest: De Gruyter, (2015) 63–74.
- [177] K. Győry, T. Kovács, Gy. Péter and Á. Pintér, *Equal values of standard counting polynomials*, Publ. Math. Debrecen, **84** (2014), 259–277.
- [178] A. Bérczes, J.-H. Evertse and K. Győry, *Effective results for Diophantine equations over finitely generated domains*, Acta Arith., **163** (2014), 71–100.
- [179] K. Győry, L. Hajdu, R. Tijdeman, *Representation of finite graphs as difference graphs of S-units, I*, J. Comb. Theory A, **127** (2014), 314–335.
- [180] K. Győry, L. Hajdu and R. Tijdeman, *Representation of finite graphs as difference graphs of S-units, II*, Acta Math. Hung., **149** (2016), 423–447.
- [181] K. Győry, *On some norm inequalities and discriminant inequalities in CM-fields*, Publ. Math. Debrecen, **89** (2016), 513–523.
- [182] J.-H. Evertse, K. Győry, *Effective results for discriminant equations over finitely generated integral domains*, In: Number Theory - Diophantine problems, uniform distribution and applications (C. Elsholtz, P. Grabner, eds.), Festschrift in honour of Robert F. Tichy's 60th birthday, Springer (2017), 237–256.
- [183] Y. Bugeaud, J.-H. Evertse and K. Győry, *S-parts of values of univariate polynomials, binary forms and decomposable forms at integral points*, Acta Arith., **184** (2018), 151–185.
- [184] Cs. Bertók, K. Győry, L. Hajdu and A. Schinzel, *On the smallest number of terms of vanishing sums of units in number fields*, J. Number Theory, **192** (2018), 328–347.
- [185] J.-H. Evertse, K. Győry and C. L. Stewart, *Mahler's work on diophantine equations and subsequent developments*, Doc. Math. Extra Vol., Mahler's Selecta 149–171 (2019).

- [186] J.-H. Evertse, K. Győry, A. Pethő and J. H. Thuswaldner, *Number systems over general orders*, Acta Math.Hungar, **159** (2019), 187–205.
- [187] K. Győry, *Bounds for the solutions of S-unit equations and decomposable form equations II.*, Publ. Math. Debrecen, **94** (2019), 507–526. Corrigendum: ibid. **97** (2020), 525.
- [188] K. Győry, L. Hajdu and A. Sárközy, *On additive and multiplicative decompositions of sets of integers with restricted prime factors, I (smooth numbers)*, Indag. Math. **32** (2021), 365–374.
- [189] K. Győry, L. Hajdu and A. Sárközy, *On additive and multiplicative decompositions of sets of integers with restricted prime factors, II (smooth numbers and generalizations)*, Indag. Math. **32** (2021), 813–823.
- [190] K. Győry, L. Hajdu and A. Sárközy, *On additive and multiplicative decompositions of sets of integers composed from a given set of primes, I (additive decompositions)*, Acta Arith. **202** (2022), 29–42.
- [191] K. Győry, *S-unit equations and Masser’s abc conjecture in algebraic number fields*, Publ. Math. Debrecen **100** (2022), 499–511.
- [192] B. Bollobás and K. Győry, *Baker, Alan (1939-2018)*, Oxford Dictionary of National Biography, 10 March 2022, DOI: doi.org/10.1093/odnb/9780198614128.013.90000380408..
- [193] M. Bhargava, J.-H. Evertse, K. Győry, L. Remete and A. Swaminathan, *Hermite equivalence of polynomials*, Acta Arith. **209** (2023), 17–58, DOI:10.4064/aa211113-12-11
- [194] K. Győry, L. Hajdu and A. Sárközy, *On additive and multiplicative decompositions of sets of integers composed from a given set of primes, II (multiplicative decompositions)*, Acta Arith. **210** (2023), 191–204.
- [195] A. Dujella, K. Győry, P. Michaud-Jacobs and Á. Pintér, *On power values of pyramidal numbers, II*, Acta Arith. **208** (2023), 199–213.
- [196] K. Győry, S. Le Fourn, *Improved bounds for some S-unit equations*, Acta Arith. **214** (2024), 311–326.
- [197] A. Bérczes, Y. Bugeaud, K. Győry, J. Mello, A. Ostafe and M. Sha, *Explicit bounds for the solutions of superelliptic equations over number fields*, Forum Mathematicum ()2024, <https://doi.org/10.1515/forum-2023-0381>.
- [198] A. Bérczes, Y. Bugeaud, K. Győry, J. Mello, A. Ostafe and M. Sha, *Multiplicative dependence of rational values modulo approximate finitely generated groups*, accepted, Math. Proceedings, Cambridge Publ. Soc. (2024/04/22).
- [199] K. Győry, A. Pethő and L. Szalay, *Decomposable forms generated by linear recurrences*, J. Integer Sequences **27** (2024), Article 24.3.5.

- [200] K. Győry, Á. Pintér, *On the zeros of shifted Bernoulli and Euler polynomials*, Publ. Math. Debrecen, accepted.