

# A Complete Bibliography of Publications in *Experimental Mathematics*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

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## Title word cross-reference

$((X^2 - P)^2 - Q)^2 - R)^2 - S^2$  [Bre08a].  $(-2, 3, n)$  [GK12].  $(1, 2)$  [EF18].  
 $(2, 3, 6)$  [Sch06].  $(4k + 2)$  [AJK08].  $\{-1, 0, 1\}$  [SS06].  $0$  [Cum04, Har15].  $1$   
[BM00, CF95, Cum04, Fin92].  $1/2$  [Car03].  $1/\pi$  [Gui06a, Gui06b].  $1/\pi^2$   
[AG12, Gui06b].  $100$  [BCVZ02].  $10651$  [MR95].  $10^{19}$  [AD07].  $10^{27}$  [RT16].  $11$   
[BLP09, BGKT05, Lep93].  $1132$  [KP08].  $12$  [GP94].  $128$  [JM14, Elk01].  $15$   
[BGKT05, DL92, KO95].  $16$  [EMRSÉ14, MTC14].  $19$  [CHLM97].  $191$   
[HPP08].  $1 < n < 10$  [OM08].  $1:4$  [Kra94].  $2$  [AT00, AMM08, BLP09, CD09,  
Elk01, EL14, KdC05, KV17, Kat10b, Nic18, RW11, Van17].  $23$  [DGKMY15].  
 $24$  [CP03].  $2 \times 2$  [LR17].  $3$  [ABL17b, AT00, Ban06, BFG<sup>+</sup>13, BL00, Bur04,  
But05, CLLM07, CLT06, CGHN00, Der15, EM02, FMP04, Fuk11, HS15,  
HIK<sup>+</sup>16, Kat10b, KY17, LR07, Tan09, Ume09, Web97].  $32$  [BN97, CH08a].  
 $3630$  [BCVZ02].  $3n + 1$  [LSW99].  $3x + 1$  [AL95, BM98, Nic18].  $3x + d$  [BM98].  
 $4$  [Con06, JK01, RT00, SZ04].  $47$  [Tak14].  $5$  [De 15a, HS07, Kat10b].  $6$   
[ALT<sup>+</sup>12, FP92, FP93, FPDH98, HP08].  $6, 6$  [Nil03].  $7$  [ALT<sup>+</sup>12, BGKT05].  
 $71$  [Tak14].  $8$  [ALT<sup>+</sup>12, BN97, Bur07, FJ96].  $8.875 \cdot 10^{30}$  [HP13].  $89$  [Tak14].

9 [MP01].  $_2$  [GM18].  $A$  [Esc14, GK12].  $a^3 + b^3 = c^p$  [Kra98].  $A_3(2)$  [AB98].  
 $A_5$  [FP92].  $A_6$  [FP93].  $abc$  [Nit93].  $\text{Aut}(F_2)$  [Dok00].  $ax + by \equiv 1$  [BHK05].  
 $B_2[g]$  [HP18].  $\text{mod } \ell$  [Die04a].  $C^2$  [BFK<sup>+</sup>92].  $D$   
 [Esc14, BGKMI01, HK02b, Har15].  $D_4$  [CCEK07].  $DW(5, 2)$  [Pra05].  $E_{6(-26)}$   
 [JN06].  $E_{6(6)}$  [JN06].  $\ell$  [DJP<sup>+</sup>05].  $\ell > 5$  [Die04a].  $\text{End}(A) = \mathbf{Z}$  [Die02].  
 $f(2, 3, 4)$  [DR08].  $F(2, 9)$  [Hol95].  $F_{11}$  [MSS15].  $F_2$  [Dok00].  $F_4$  [Pur18].  $g$   
 [GPS18].  $\Gamma$  [Oud11].  $\Gamma_0(4)$  [BFM13].  $\text{GL}(3, \mathbf{Z})$  [AAC98].  $\text{GL}_{24}(\mathbf{Q})$  [Neb96].  
 $H(q, n)$  [KO95].  $H_4$  [Alv08].  $j(z)$  [BK03].  $J_0(N)$  [Web97].  $J_3$  [SW95, Lee04].  
 $K$  [ST05].  $K_3$  [EOT11, Shi16, Jai09].  $K^3$  [SK11].  $L$   
 [BDM<sup>+</sup>18, BBW17, Boy98, DFK04, DD03a, Dok04, Dum01, FK10, FK12,  
 Fer92, Hir00, Mil06, Oma01, Ots15, PT08, Tan09].  $L(1/2, \chi_d)$  [AR12].  $L^2$   
 [GGM11].  $L^p$  [Joh08].  $\Lambda(n)$  [PR17b].  $\Lambda(n)/n$  [PR17b].  $\log 2$  [Bri01].  $M_{11}$   
 [BDL96].  $M_{12}$  [CEM06].  $M_{13}$  [CEM06].  $M_{22}$  [SW93].  $M_{24}$   
 [Gra96, Pfe97, EOT11].  $\mathbf{C}^2$  [BZ16].  $\mathbf{F}_2$  [Lom02].  $\mathbf{F}_q$  [GS05].  $\mathbf{P}^2$  [BDM07].  
 $\mathbf{P}^m \times \mathbf{P}^n$  [AB09].  $\mathbf{Q}$  [Del01].  $\mathbf{C}^0$  [BA02].  $\mathbf{R}^2$  [AL03].  $\mathcal{K}$  [Tar92].  $\mathcal{O}(1, 2)$   
 [AB09].  $\int \downarrow_3$  [GL15].  $\mu$  [War11].  $n$  [CC07, GSS16, KO95, OM08, Rei96].  $n + 3$   
 [BDP16].  $N = 14$  [MT15].  $n \leq 6$  [Oha08].  $n \times 2$  [LR17].  $\text{O}(3, 1)$  [FWW02].  
 $\text{Out}(F_n)$  [Oha08].  $p$   
 [AAC98, BBF12, Boy94, BGMR06, CGM15, FI18, GM18, PR03, WS98].  
 $\text{PGL}(3, \mathbf{C})$  [BFG<sup>+</sup>13].  $\pi$  [AKP03, BBC<sup>+</sup>12, Chu05, Gan14].  $\pi(x)$  [Gar02].  
 $\pi/\sqrt{3}$  [Bri01].  $\pm$  [Kat10b].  $\pm 1$  [BC99].  $\text{PSL}(2, \mathbf{Z})$  [Ave10b].  $\text{PSL}(2, \mathbf{Z})$   
 [HR92a, CP03, Cum04].  $\mathbf{Q}$  [Fer96, APS04, FK09, KS01, Hik03, JST16].  
 $\mathbf{Q}(\sqrt{5})$  [CD09, Dem05].  $\mathbf{Q}(T)$  [Gra96].  $q - 1$  [Har15].  $R$  [GP06, Rim92].  $R^3$   
 [CLW15].  $S$  [Wil06, CFH<sup>+</sup>15].  $S_5$  [FPDH98].  $S_n$  [War11].  $\text{SL}(2, \mathbf{C})$  [FGT10].  
 $\text{SL}(3, \mathbf{Z})$  [LR11].  $\text{SL}(3, \mathbf{Z})$  [AM92, vGvdKTV97].  $\text{SL}(4, \mathbf{R})$  [CLT06].  $\text{SL}(4, \mathbf{Z})$   
 [LT18].  $\text{SL}_2$  [LR92].  $\text{SL}_3(F_2)$  [APS04].  $\text{Sp}_{2n}(\mathbb{C})$  [EGP<sup>+</sup>12].  $\sqrt{d}$  [Duj01].  
 $\sqrt{|[\text{Cyrillic} - sha]|}$  [Qua06].  $\text{SU}(N + 1)$  [GdII07].  $T$  [HM12, NT15, She09].  $\theta$   
 [DdLV14].  $W$  [KO95, Fuk11].  $W(2, 6)$  [KP08].  $W(2n + 1)$  [WPW97].  $X_0^+(N)$   
 [CB09].  $X_0^+(p)$  [Gal99].  $X_E(7)$  [HK03].  $X_{\text{ndép}}(11)$  [Hal98].  $xy$  [BHK05].  
 $xy + yz + xz = n$  [Pet04].  $xy + yz + zx$  [BC00].  $Y^2 = X^5 + k$  [Bre08b].  $\mathbf{Z}^2$   
 [GG97].  $\mathbf{Z}_2$  [FK09].  $\mathbf{Z}_p$  [FK02].  $\zeta(1/2)$  [Vin01].  $\zeta(2n + 2)$  [BBB06].  $\zeta(4n + 3)$   
 [AG99, BB97].  $\zeta(\frac{1}{2})$  [Bax02].

**-additive** [CF95, Fin92]. **-Adic**

[ABL17b, AMM08, BGMR06, CGM15, GM18, RW11, Boy94, WS98]. **-ary**  
 [GPS18]. **-block** [CHLM97]. **-Braids** [HS07]. **-Class** [DJP<sup>+</sup>05]. **-Clue**  
 [MTC14]. **-Coefficient** [War11]. **-Complex** [Car03]. **-Convergence**  
 [Oud11]. **-cube** [Rei96]. **-Cycles** [AJK08]. **-Dimensional**  
 [BGKMI01, EM02, HK02b, BN97]. **-Expansions** [JST16]. **-Extension**  
 [FK09]. **-Extensions** [APS04, FK02]. **-Functions**  
 [BBW17, DFK04, Dok04, Dum01, FK10, FK12, Mil06, Oma01, Ots15, Boy98].  
**-Graph** [HM12]. **-graphs** [KO95]. **-Groups** [BBF12, ST05]. **-Homology**  
 [GL15]. **-Integral** [GP06]. **-Invariant** [Wil06]. **-Invariants** [Fuk11].

-Iterations [She09]. -Loop [GSS16]. -Manifold [BFG<sup>+</sup>13, Bur04].  
 -Manifolds [Ban06, CLLM07, Con06, CLT06, Der15, FMP04, HIK<sup>+</sup>16,  
 But05, CGHN00, RT00]. -Number [DdLV14]. -periodic [KdC05].  
 -Polynomial [GK12]. -Polytopes [SZ04]. -problem [LSW99]. -rang  
 [Lep93]. -Regular [SW10]. -Representations [BFG<sup>+</sup>13]. -Series  
 [Hik03, DD03a, PT08]. -singularities [Tar92]. -Space  
 [KY17, Ume09, Tan09]. -Spaces [JK01]. -Sphere [HS15, BL00]. -Spheres  
 [Fuk11, Tan09]. -String [OM08]. -Sufficiency [BA02]. -Tetrahedron  
 [Bur07]. -trees [Rim92]. -type [GM18]. -Types [EL14]. -Unit [CFH<sup>+</sup>15].  
 -values [BDM<sup>+</sup>18, Hir00].

1 [BDM07]. 16-vertex [BL00]. 1997 [ELT<sup>+</sup>97].

Abel [Sze98]. abelian [Lou98, Die02, ET14, GM18, HM02, MSS18].  
 Absolute [Fla08]. Abstract [SSS03]. Abundant [Bri06, Del98].  
 acceleration [CVZ00]. Accumulation [GW18]. Accuracy [MV10].  
 Accurate [Pau17]. Achille [FWW02]. Actions [JR02]. Addenda [HMM99].  
 additive [CF95, Fin92]. Adelic [Gre10]. Adic  
 [ABL17b, AMM08, Boy94, BGMR06, CGM15, GM18, RW11, WS98].  
 Adjoint [Wei14, Hir00]. Advanced [XKA14]. Affine  
 [BS99, CO02, SS06, HSV94]. after [BCVZ02]. Agashe [LS02]. AGM  
 [BCF04, BC04]. ago [PZHC09]. Aharonov [BNH11]. al [Gan17, Wan01].  
 Alan [CLLM07]. Alexander [DFJ12, Hor14, Koh18]. Algebra  
 [Alv08, BH04, HP06, HP08, MSS18, MPY17, Pur18, Roo08]. Algebraic  
 [BHM<sup>+</sup>13, BHI<sup>+</sup>11, CR01, Dum13, EF18, Kid04, Kre10, MR10, Ver00, Wal94].  
 Algebras [BEN12, BZ17, BH04, EM17, GdII07, Hum02, JN06, KW08, LS03,  
 LS07, Rit07, dG05, KO95, Sch05, dG02b]. algébrique [Wal94, Wal95].  
 algébriques [Ber95]. Algorithm  
 [Dem08, DN04, DJP<sup>+</sup>05, FIS<sup>+</sup>14, GG03, Har02, IZ14, Kap07, MM01, MN14,  
 Opg01, Sch04, Sch07, Wad06, Bri00, BJP94, DU95, HR92b]. Algorithmic  
 [BBvBK15, JR02, BB92]. algorithmique [BB92]. Algorithms  
 [DG02a, EM17, Klü02, LR17, Nit93, Sca09, HMM98, HMM99]. Aliquot  
 [BCVZ02, SS11]. Almkvist [Riv04]. Almkvist-Granville [Riv04]. Almost  
 [Bur10, EL09, Har02, Kob01, LL94]. almost-free [LL94]. Along [KKS16].  
 Alternating [DHST08, SZJ04, CVZ00]. Alternative  
 [DZ11, HP06, HP08, Hol95]. Amicable [SS11]. Amod [LS02]. Amoebas  
 [The02]. Ample [LM17b]. Amplitude [Olv01]. Analogues [Hum02, Nic18].  
 Analysis [BBKL17, BNH11, DdLV14, DSV09, JR02, Sev18, XKA14, LR92].  
 Analytic [BA02, Qua06, DS95, FG99]. analytical [CPS<sup>+</sup>01]. analyticity  
 [GMSB96]. Andrews [BM06]. anneau [Cou94]. Anosov [Bri04]. Anosovs  
 [KKT09]. Ansonov [HS07]. Apéry [AG99, BBB06, BB97, Riv04].  
 Apéry-Like [Riv04, AG99, BBB06, BB97]. Apollonian [FS11]. Appendix  
 [De 06a, CLLM07, GM08, LS02, Mil06, Mil93]. Application  
 [BNH11, De 06a, De 06b, AB98, Boo00]. Applications

[CMOS13, LPU11, MSV03, DE02]. **Approach**  
 [BBC<sup>+</sup>12, BM15, IKMF16, CPS<sup>+</sup>01, Kob94, Sch05]. **Approaches**  
 [EGP<sup>+</sup>12, GKR01]. **Approximate** [LS04, Lam18]. **Approximating** [iIS04].  
**Approximation** [BM15, BHS09, GMRST14, LvF03, Mat01, Oud11, Tom96a].  
**approximations** [Lan98]. **Arbitrary** [BPS12, ER15, dC02]. **Arithmetic**  
 [Aga13, APS04, GST06, GPS18, HR14a, JST16, LZ10, LR07, Mac08, PR17b,  
 SW12, Bre99, CGHN00, Jun00, PR03]. **Arithmetic-Geometric** [LR07].  
**Arithmetical** [Lag01]. **Arithmétique** [PR03]. **Arrangement**  
 [Roo08, Sne05]. **Arrangements** [Esc14, HR14b, Caz97]. **Arrays** [HWW05].  
**Artin** [Boo06, Oma01]. **ary** [GPS18]. **aspects** [DE02, LR02]. **Associated**  
 [BCLM17, BHI<sup>+</sup>11, CLLM07, CL04, EGP<sup>+</sup>12, JN06, KB17, Shi05, ST05].  
**Associative** [EM17]. **Asymptotic** [ArE11, Alm98, AGS18, Alv08, BT18,  
 DG93, GWW16, HRSS17, Hik03, MRRTS16, Pat03, Pat05, SZJ04, DE93].  
**Asymptotics** [GM08, KKS16, JRS92]. **asymptotiques** [DE93]. **Atkin**  
 [FHL<sup>+</sup>10]. **Atlas** [CN13]. **ATR** [GM13]. **Attached** [Die02, Lam18, Hir00].  
**Attracting** [Jeo15]. **Attractors** [BDM07, De 15b, Rei96]. **author** [Mil93].  
**Automata** [BL07, DG93, MPR94]. **Automated** [Adz17]. **automatic**  
 [EIFZ96]. **automorphic** [Boo00]. **Automorphism** [Lut13].  
**Automorphisms** [Shi16, GR00]. **Averaged** [May01]. **Averages** [CHMW15].  
**Avoiding** [BCG10, dW98].

**Back** [Ano01a, Ano01b]. **backmatter** [Ano11c]. **Bailey** [Gan17]. **Balanced**  
 [CC07]. **Ball** [Cra14, Muk17]. **band** [KK99]. **band-gap** [KK99]. **Bar**  
 [TTS17]. **barycentre** [Jen00]. **Barycentric** [BKN<sup>+</sup>12, IC16]. **Base**  
 [Bar06, Har15, OM08]. **Base-** [Har15]. **Base-Tangle** [OM08]. **Based**  
 [DRT11, BDL96, Sch05]. **Bases**  
 [AFMS17, BHP12, BHI<sup>+</sup>11, Gaá01, GOP02, Ola05, dG02b]. **Basic** [DSV09].  
**basis** [HMM98, HMM99]. **Baumslag** [MV00]. **Bayesian** [GW18]. **Beauville**  
 [BBF12]. **Behavior** [BT18, CL07a, CMOS13, DG93]. **Bell** [WPW97]. **below**  
 [Gun00]. **Bernoulli** [CGM15]. **Bers** [KSWY06]. **Bessel** [BS08a, GP92].  
**Best** [PE06]. **Bestvina** [Bri00]. **Betti** [Sne05]. **Between**  
 [Mat01, LS03, PdLL02]. **Beurling** [LR02]. **Bhatia** [Ber17]. **Bianchi** [Sen11].  
**Bias** [FS10, RS94]. **Biases** [FM00]. **Bicolored** [CG14]. **Bicycle** [LT09].  
**Bieberbach** [CS01]. **bifurcation** [Kra94, Ros05]. **Bijjective** [BP07].  
**Billiard** [MRRTS16]. **Billiards** [Jeo15, New16, Sch06, Sch09, KdC05].  
**Binary** [Aic04, BS17, BÖW18, EH04, Pet04, Wag01]. **Binomial**  
 [Abl17a, BBK01]. **Birational** [PPSF17]. **Birch** [Ble11]. **Birkhoff** [KdC05].  
**Birth** [PZHC09]. **bistellar** [BL00]. **Bits** [Wag01]. **Blasius** [Boy99]. **Block**  
 [Hul95, CHLM97]. **Blocki** [ÁCL18]. **Blown** [BDP16]. **Blown-up** [BDP16].  
**Blowup** [ALT<sup>+</sup>12]. **Blowups** [ALP<sup>+</sup>11, SK11]. **blueprints** [AB98]. **Board**  
 [Ano12b, Ano13, Ano14, Ano15, Ano17, Ano11b]. **Bodies**  
 [DLM13, Ger03, LP14]. **Bogomolov** [Fab09, JM14]. **Bohm** [BNH11]. **Bolza**  
 [KKS16]. **Bombs** [New16]. **Boolean** [CC07]. **Borcherds** [May10]. **Border**  
 [HIL13, LR17]. **Borwein** [AG99, Bai17]. **Bound**

[AM01, AJK08, Cd18, PZ04]. **Boundaries** [DPSS05, LN03]. **Boundary** [CV03, FMP04, Jen00]. **Bounded** [AL03, CC07]. **Bounds** [AF06, BY13, BÖW18, BS11, Del98, HP18, HIL13, IC16, MV10, MVG05, TS06, BC98, Dre93, DE93, JLW95]. **Box** [BCC10]. **Bradley** [AG99]. **Braid** [BM04, MSV03, HdC02]. **Braids** [HS07]. **Branching** [PR13, CD10]. **Brauer** [AKN<sup>+</sup>16, CHLM97, Poo06]. **Bredon** [BG95]. **Briques** [BF16]. **Broken** [LM06]. **Broken-Cycle-Free** [LM06]. **Bruno** [Car03]. **Bubbles** [ÁCW03]. **Buildings** [KV17]. **Bundles** [Els11, KK12, MMT00].

**Calabi** [Die04b]. **Calcul** [RV99]. **calculate** [DU95]. **Calculating** [CO02, Gaá15]. **Calculation** [HLMZ01, May10, Hir00, NR99]. **calculations** [KSV97]. **Calculus** [GPHH<sup>+</sup>12, HHdC<sup>+</sup>15, Knu01, RSSS06, Sot00]. **Can** [Bre08a, Raw03]. **Canonical** [CO02, Hal14, EW98, dG02b]. **Cantor** [ABL17b, JRS92, Jeo15]. **capacity** [Ros97]. **Capillary** [BT18]. **Carathéodory** [Bru07, GMSB96]. **Cardinal** [GGM11]. **Case** [BBBR17, BCF04, BC04, Gan17, GW18, PT08, Sch13a, SdW94]. **cases** [IL00]. **Casorati** [DPV15]. **Casse** [BF16]. **Casse-Briques** [BF16]. **Castelnuovo** [CLMR15]. **Catalan** [MR95]. **catastrophes** [PS92]. **Cauchy** [DL04, LSV98, RV99]. **Caustics** [kAL01]. **Caustique** [JR99]. **Cayley** [DdLV14]. **cell** [BC98]. **Cells** [HOY12]. **Cellular** [BL07, DY07, DG93]. **Census** [Bur07, Bur14, DPP11, FGG<sup>+</sup>16]. **censuses** [But05]. **Center** [kAL01]. **Central** [BBK01, Mil06, PT08]. **centre** [Jor99]. **Certain** [Bar06, BP15, DD03a, EF18, JST16, Yab09, BSTV93, CRY00, DU95, DL92, LL94, Thu94, VS00, VV99]. **Certified** [BL12, HLLM15]. **CF** [EF09]. **Chain** [LW12]. **Chains** [GPS18]. **Challenging** [BHI<sup>+</sup>11]. **champions** [ORW99]. **Chan** [Coo08]. **Chaos** [kAL01, WS98]. **chaotic** [Lan98, Pin00]. **Character** [BC01, CG09, FGK<sup>+</sup>16, Sto09, BG99, Neb00, TW99]. **Characteristic** [GG03, KL16, MSS15, Nic18, PR08]. **Characteristic** [Elk01]. **Chebotarev** [KZ12]. **Chebyshev** [FS10, Har11, RS94]. **Checkings** [RT16]. **Chen** [Tha95]. **Chern** [MMO<sup>+</sup>02]. **Chinburg** [JRS03]. **Chromatic** [LM06]. **Chua** [Coo08]. **Chyzak** [Wan01]. **Circle** [BH01, DS95, FS11, HS14, PdLL02]. **circles** [GR00, Nur00]. **Circulant** [EVV16]. **Class** [BBBC07, DSS07, DG02a, DJP<sup>+</sup>05, ET14, FI18, FK09, Gui06a, LPU11, Mal10, AT00, CF95, KSV97, Lou98, Tah00]. **Classes** [ABG09, Sca09, War11, AT00, LL94]. **Classical** [Koh18]. **Classification** [BN97, BT18, BP07, dG05, Sch05]. **Clausen** [BBK01]. **Clebsch** [DM06, PPS09]. **Clifford** [DSV09]. **Closed** [CLM13, HW94, Tah00]. **Closure** [KSY08, MMW07]. **Closures** [Gal14]. **Clouds** [HR04]. **Clue** [MTC14]. **Clues** [MTC14]. **Clusters** [Kap07]. **CM** [DW10]. **CMC** [HS15]. **Coclass** [EF09, EM17]. **Cocycle** [AER<sup>+</sup>08]. **Codes** [BÖW18, Wan09]. **Coefficient** [Van17, War11, KdC05]. **Coefficients** [Ave10a, Ave10b, BK03, BFT16, CKRS06, DM06, GJU12, PR08, AAC98, Boo00, BC99]. **cofinite** [Tah00]. **Cohen** [WtR03]. **cohomological** [Gun00]. **Cohomology** [APS04, CH13, DR17, FGT10, Kho03, MPY17, Şen11, Web09, AAC98,

AM92, Tah00, vGvdKTV97]. **Colored** [BHP12]. **Combinatorial**  
 [Ban06, Caz97, KM18, SK11]. **Combinatorics** [Wil06]. **Commensurable**  
 [Cum04]. **Commensurators** [GHH08]. **Commutator** [Wal13].  
**Commutators** [LV15]. **Compact** [GBP97]. **compact** [Ber95].  
**Comparison** [CJUE04, BJL05]. **Complement** [Mil01, MR00, Ran99].  
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**Complex** [BC04, Car03, DPP11, DS14, Jon10, JJJ02, Kaw18, Kre10, LvF03,  
 Roo08, SSS03, BFK<sup>+</sup>92, Boy99, Cra99b, Dok00, FG99].  
**Complex-Parameter** [BC04]. **Complexes**  
 [Evv16, EM02, Kre10, SZ04, LM97]. **Complexity** [Con06, HHMP10, MP01].  
**Component** [Aga13]. **Composite** [GOP02, PT08]. **composition** [ABT96].  
**Compression** [LP14]. **Computation**  
 [Bad16, BB18, BPW95, BS12, Cho94, CS01, DM06, DJP<sup>+</sup>05, GSS16, Gra02,  
 GM13, LSY03, LPU11, Lou98, MSV03, Jor99]. **Computational** [BBBR17,  
 DSS07, DE02, EGP<sup>+</sup>12, Gal14, Gan17, IKMF16, KK12, KO95, TTS17].  
**Computations** [Ave10a, Ave10b, BQS95, BDdG07, BH18, BHI<sup>+</sup>11, But12,  
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 [BK03, Pfe97]. **Computer**  
 [BBKL17, BL07, But11, GP92, HLMZ01, LM97, Mat98, BD09, Guc95, Sch05].  
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**Fundamental** [BC01, HOY12, LSY03, JW00].

**G** [Neb00]. **G-modules** [Neb00]. **Gackstatter** [Tha95]. **gallery** [BP94].  
**Galois** [AAC98, AM92, CNJ96, Die02, Die04a, Dou05, Dou07, Gra96, Gre10, Hul95, Mal04]. **galosiennes** [CNJ96]. **Gap** [AST17, KK99, MSV03]. **Gasket** [DL04, OSS03]. **Gauss** [HK02b, Har02]. **Gaussian** [CLM13, GS97, RWW01].  
**GCD** [HMM99, HMM98]. **Genera** [PR17a, BN97]. **General** [Olv01, RD04].  
**Generalization** [BH01, Dou05, Dou07, EM09, Koh18]. **Generalized** [AS16, De 15a, Har11, Alm98, BJP94]. **Generating** [KKM05, BP92].  
**Generation** [Riv04, WS98]. **Generations** [DRT11]. **Generator** [Lin04].  
**Generators** [BC02, RW94, SW95]. **Generic** [Sne05]. **Genus** [ALT<sup>+</sup>12, BLP09, CH08b, Con18, CP03, Cum04, CD09, Fab09, KV17, LR07, Mac08, AT00, GBP97, HW02, Tha95]. **Genus-** [BLP09, CD09]. **genus-one** [HW02]. **Genus-Two** [CH08b]. **Geodesic** [AR97, FMP04, Mil01].  
**Geodesics** [CLM13, Kus09, LP14, Lin04, LR05, CS93]. **Geometric** [Fab09, LR07, SY01, Sin03, HIS16]. **Geometrical** [ABB11]. **Geometries** [Lee04, BDL96]. **Geometry** [BHM<sup>+</sup>13, CL07a, DS13, GM08, LR17, LT09, Mil93, Wil06, Cra99b, DF00, Ver00]. **Germain** [FJ93]. **Gibbs** [GP92].  
**Ginzburg** [NR00]. **Given** [CLMR15, CL07b, Tan09, BP92]. **Glimpse** [CDS02]. **Global** [CL07a, GP06, EW98]. **Goldbach** [HP13, RT16]. **Goldfeld** [BH12]. **Golomb** [GP94]. **Good** [CL07b, Nit93, SZ06]. **Gordan** [DM06].  
**Gorenstein** [KW08]. **Goresky** [Coc05]. **Gorshkov** [Har11]. **Gottschling** [HOY12]. **Gould** [Koh18]. **Gradient** [ACPR11]. **Grammatical** [Adz17].  
**Granville** [Riv04]. **Graph** [AS12, BS11, HM12, KSY08, ACL01, ST95].  
**Graphic** [BBG<sup>+</sup>13]. **graphics** [GP92]. **Graphs** [CLP15, DdLV14, EVV16, HHMP10, MNS08, MN14, Neu06, OS14, ACL01, BB93, Coc05, KO95, KK99, MS05]. **Grassmannian** [Ano97, CHS96, DHST08]. **Green** [Ave10a, Ave10b, Wik03]. **Gröbner** [BHP12, HT00, MS11]. **Group** [BPS12, BBG<sup>+</sup>13, CEM06, EHT01, ES14, EOT11, FS12, HR03, JR02, Kob01, KZ12, KS01, LW12, LPU11, Oha08, RD04, Sch04, AT00, BDL96, CHLM97, CM00, DE02, Geb00, Gra96, Hol95, Hul95, KSV97, Pfe97, RW94, SW93, Tah00, Wal94]. **groupe** [Gra96, Wal94, Wal95]. **groupes** [Ber95, MSWZ93]. **Groups** [Aga13, Ave10a, BBF12, BCH04, BFG<sup>+</sup>13, BM04, But11, CHRR07, CH08a, CH13, CFH<sup>+</sup>15, CO02, CS01, Cum04, DdLV14, Del01, DPP11, DJP<sup>+</sup>05, Dum01, Dum02, DHJ15, EF09, ERvR15, ESTB10, Hol04, Hul01, JM14, JST16, Kid04, Kir11, LvT05, Lut13, Mac08, Mal04, Mal10, NW05, PR05, RAG18, Şen11, Sil17, Sin15, VRS03, Wal13, dC02, Alp98, EIFZ96, HR92b, HR96, LL94, LLS95, MV00, MPR94, PS96, PS00, ST05]. **Growth** [AD14, Bri04, DW10, EIFZ96, GG06, GG97, Sze98]. **Gyroids** [GB97].  
**Hadamard** [AM01, HWW05]. **Half** [CKRS06]. **Half-Integral-Weight** [CKRS06]. **Hall** [EM09, PW01]. **Hamiltonian** [Jor99]. **Hamiltonians** [BNH11]. **Handel** [Bri00]. **Harada** [RW94]. **Hardy** [ABT96, PE06, Rit07]. **Harmonic** [BS12, CLW15, GY10, HLLM15, Boy94, IKM02]. **Hasse** [BG97]. **Hatchet** [LT09]. **Hausdorff** [De 15b, KK97]. **Having**

[De 15a, Fla08, MP01, Jun00, Ste93]. **Hecke**  
 [AAC98, Alv08, Gun00, KO95, KW08, LS02, Oka02, Ots15, vGvdKTV97].  
**Heegner** [Hop10]. **Heel** [FWW02]. **Heesch** [MT16]. **Height**  
 [BGKMI01, DH04, BM00, EW98]. **Heights** [BCH<sup>+</sup>14]. **helicoid** [HW02].  
**Hénon** [Ara07, FG99, JJJ02]. **Hermite** [HMM99, BCIO01, HMM98]. **Heron**  
 [GJL03]. **Heuristic** [Pau17]. **Heuristics**  
 [Del01, HMM05, Poo06, Wat08, WtR03]. **Hexacarpet** [BKN<sup>+</sup>12]. **hexagon**  
 [Smi00]. **Hidden** [BW07, Ste17]. **Hierarchical** [BS17]. **High**  
 [JZ05, KS01, MV10, RSE03, Rub13, BJL05, KK99, Tom96a].  
**High-Accuracy** [MV10]. **high-dimensional** [Tom96a]. **High-Order** [JZ05].  
**high-precision** [BJL05]. **Higher** [BCC10, CH13, Con18, Dur11, ER15,  
 FK12, Hop10, Hor14, Tha95, JK95, ST05]. **Higher-Dimensional** [BCC10].  
**Higher-genus** [Tha95]. **Higher-Order** [Dur11, Hor14]. **Higher-Weight**  
 [Hop10]. **Hilbert**  
 [BHI<sup>+</sup>11, CLMR15, CD09, Dem05, HS14, HM12, IZ14, May10, MS11, Rob00].  
**Hirota** [PPS09]. **Hitting** [MTC14]. **Hole** [BRS<sup>+</sup>18]. **Holes** [MVG05].  
**Holomorphic** [CR01, JST16, Kaw18, LSW99]. **Homeomorphisms**  
 [BS01, Bri00]. **Homoclinic** [Col05, GN09]. **Homologies** [DGR06].  
**Homology** [Fuk11, GOR13, GL15, HLMZ01, Jon10, Oha08, Tan09, BL00].  
**homometry** [GP94]. **Homomorphism** [LS03]. **homomorphisms** [DU95].  
**homophones** [MSWZ93]. **Homotopy** [BL12, EL14, JLY16, Roo08]. **Hook**  
 [Han09]. **Horseshoe** [Col05, HdC02]. **huge** [PS92]. **HUM** [LN10]. **Hundred**  
 [Sch09]. **Hurwitz** [BN97, BBvBK15]. **Hyperbolic**  
 [Ara07, Bor14, CLLM07, CLM13, CV03, CLT06, DPP11, DFJ12, FGG<sup>+</sup>16,  
 FMP04, GHH08, HHMP10, HIK<sup>+</sup>16, KV17, KM18, NSYY08, Roe07, SYY08,  
 But05, GH96, HW94, RT00, RS98]. **Hyperboloid** [ST02b]. **Hyperelliptic**  
 [BBW17, Web97, AT00]. **Hypergeometric**  
 [BBBC07, MS01, NSYY08, SY01, SYY08, Sin15]. **Hypergeometric-Type**  
 [MS01]. **Hypergraph** [SW10]. **Hypermetric** [DD03b]. **Hyperplane**  
 [Roo08, Sne05]. **hyperplanes** [Pra05]. **Hypersurfaces** [BK16, JK01].  
**hypothèse** [LR02]. **Hypothesis** [Boo06, Bri06, Kaw18, LR02].

**Icosahedral** [JRS03]. **Ideal** [CV03, Raw03]. **ideals** [HT00]. **identifying**  
 [Boo00]. **Identities** [Abl17a, BBB06, BHP12, KR15, OS15]. **IdentityFinder**  
 [KR15]. **Igusa** [ALT<sup>+</sup>12]. **II**  
 [ABL17b, BC04, CL07a, FI18, GP06, Mal04, Pat05, Sch09]. **III** [Elk01].  
**Images** [Die02]. **Imaginary** [FK02, SY01, Lou98]. **immersed** [Ran99].  
**implementation** [Bri00, EH96, HR92b]. **Imprimitive** [DJ10].  
**improvement** [ST99]. **Improving** [Cd18]. **incommensurably** [VS00].  
**Indecomposable** [CH13, Pet04]. **Independence** [EVV16]. **Independent**  
 [RT16]. **Index** [Kaw18, GPP94]. **indications** [AM92]. **Inequalities**  
 [CHMW15, Gar02]. **Inequality** [DP15, PE06]. **Inexact** [BHM<sup>+</sup>13].  
**Infimum** [Bad16]. **Infinite**  
 [Abl17a, ABL17b, BCH04, Joh08, Law17, Smi00, Hol95, Tha95]. **Informal**

[Lan98]. **information** [Mur93]. **Inhomogeneous** [PW01]. **inspire** [PZHC09]. **Integer** [EMRSÉ14, Har11, Dil00]. **Integers** [GPS18, Shp16, BtR96, Del98]. **Integrability** [PPS09]. **Integrable** [PPSF17]. **Integral** [Bru07, CKRS06, DF00, DL04, Duq01, FS11, Gaa01, GOP02, GP06, MSS15, Şen11, Web09, FS98, HKS92, Ola05, VV99]. **Integrals** [BBBC07, BCC10, BSW13, Jor99]. **Integration** [GM18, JZ05]. **Interior** [HP14]. **Interpolation** [GMRST14, IC16]. **interpretation** [EW98]. **Intersection** [CP10, CP12, Cha14, HLZ10]. **Intersections** [ABL17b, ST95]. **Interval** [GMRST14, CPS+01]. **Intrinsically** [MN14]. **Introducing** [Bur04]. **introduction** [BD09]. **Invariant** [BH04, KKM+01, Koh18, KZ12, Wil06, CHK93, FH99, GR00, Tom96a, Tom96b]. **Invariants** [AER+08, BNHLR11, Fuk11, GSS16, JN06, KSV97, KM18, MMO+02, Neb00, PR05, BG97, CGHN00, IKM02, ST05, Wil02]. **Inversions** [KSY08]. **Investigating** [Wan09]. **investigation** [JLW95]. **Investigations** [DD03a, Mil06]. **Involutions** [CO02]. **Irrational** [GM05, GW18]. **Irreducibility** [Bri01]. **Irreducibility** [GS05]. **Irreducible** [BH04, ES14, EMRSÉ14, HR03, Dok00]. **Ising** [BBBC07]. **Ising-Class** [BBBC07]. **Isogeneous** [EF18]. **Isometries** [BP07, HW94]. **Isomorphism** [LL94]. **iss** [Ano00]. **Iterated** [De 15b, BP94, Mil92]. **Iterates** [GXB15]. **Iterating** [CtR96, CtR97]. **iteration** [Cra99b, Cra01]. **Iterations** [She09, Chu05]. **Iwasawa** [ST05].

**J** [ELT+97]. **Jacobi** [AGS18, Ots15, Sch07, Sin03]. **Jacobi-Sum** [Ots15]. **Jacobian** [PR17a]. **Jacobians** [BLP09, CLP15, EF18, HM02]. **Jacquet** [CD09]. **Jain** [Ber17]. **John** [PZHC09]. **Jointly** [BL07]. **Jonathan** [Bai17]. **Jones** [DH97]. **Journal** [ELdL92]. **Jr** [ELT+97]. **Julia** [Mil04]. **Jumping** [ORW99].

**K3** [Bro07, CT14]. **Kanenobu** [Sto00]. **Kaplansky** [DHJ15]. **Kashaev** [MMO+02]. **Kazhdan** [NT15, Tah00, War11, dC02]. **Kedlaya** [GG03]. **Kelvin** [Oud11]. **kernel** [DU95]. **Khovanov** [GOR13]. **Kim** [KT16]. **Kimura** [PPS09]. **Kimura-Type** [PPS09]. **Kind** [Gui03]. **Kirillov** [KM18]. **Kissing** [Cd18, MV10]. **Kleinian** [MPR94]. **Kloosterman** [Boo00]. **Knot** [ACPR11, DGR06, FGK+16, Kho03, KS05, Mil01, AR97, MR00, Ran99]. **Knots** [BNHLR11, BDHZ09, CN13, DFJ12, GK12, GSS16, GOR13, GL15, Hor14, Mil01, MMO+02, Raw03, SZJ04, KK93, Sto00]. **Knotted** [MN14]. **Known** [FKS15]. **Knuth** [Pau96]. **Kobayashi** [BFK+92]. **Koecher** [Riv04]. **Koszul** [DZ11]. **Kottwitz** [Coc05]. **Kronecker** [HR14a, JST16]. **Kubilius** [HMT10]. **Kummer** [RSSS13]. **Kuttner** [GKR01].

**ladder** [CLZ92]. **Lagrange** [BJP94]. **Lamé** [Joh08]. **Landau** [NR00]. **Langlands** [CD09]. **Laplacian** [Bar06, BHS09, GH96, KSW01, NR99]. **Laplacians** [Ter96]. **Large** [BKKL17, But11, LN01, Mil06, OS14, BtR96, Ros00]. **large-prime** [BtR96].

**Largest** [McN17, MNS08]. **Last** [Sin03]. **Latin** [FJ96]. **Lattice**  
 [All05, Elk01, Hen18, HMM98, HMM99]. **Lattices**  
 [Der05, Elk01, FGT10, HKPP13, IKMF16, BB92, BN97, BM94, BQS95, Chu05].  
**law** [ACL01]. **LCM** [IKMF16]. **Least** [Oud11, Xu04, Web97]. **Lebesgue**  
 [IC16]. **Leech** [All05]. **Legendre** [Kat10b, Sto17a]. **Legendrian** [CN13].  
**LEGO** [ArE11]. **Lehmer** [Sto17b]. **Lei** [Mil93]. **Length**  
 [BO17, CLM13, Cha14, MRRTS16, VRS03, Wal13, HW94].  
**Length-Equivalent** [Cha14]. **Lengths** [GJL03, Han09]. **Lens** [Tan09].  
**Lenstra** [CIO07, WtR03]. **Less** [CHRR07, CP03, GP94, MR95]. **Level**  
 [Die04b]. **Levels** [PT08]. **Library** [BL14]. **libre** [Cou94]. **libres** [MSWZ93].  
**lié** [Cos02, BH04, JN06, MSS18, Rit07, Roo08, Sch05, dG05]. **Life**  
 [BC98, GM05]. **Lift** [KT16]. **Like**  
 [KL16, Riv04, AG99, AG12, BBB06, BB97]. **Limit**  
 [BM05, Joh11, JST16, KK97, MPR94]. **Line** [BK12, BH18, Rub13, STZ95].  
**Linear** [AST17, Bre08a, HS14, LN10, RD04, HR92b, Ros97]. **Lines**  
 [Esc14, Ano97, CHS96]. **Link** [Gör15]. **Links** [MMO<sup>+</sup>02, He02, Koh18].  
**Lissajous** [BDHZ09]. **Littlewood** [Bad16, PE06]. **Local**  
 [BY12, BFG<sup>+</sup>13, CL07a, Mar95]. **Loci** [Alu15, Chi04, iIS04, SS06, ST02a].  
**locking** [Jen00]. **Löffler** [BG95]. **Log** [Hye17, LM06]. **Log-Concavity**  
 [LM06]. **logarithm** [ST99]. **Logarithmic**  
 [CJUE04, DJP<sup>+</sup>05, LvT05, RAG18, Ros97]. **Logarithms** [BCLM17, dW98].  
**Loki** [ST02a]. **longest** [ST95]. **Loop** [GSS16]. **Lovász** [DdLV14]. **Low**  
 [EL14, MS11, Web09, GBP97, PS00]. **Low-Degree** [MS11, Web09]. **Lower**  
 [AJK08, BÖW18, HIL13, MVG05, TS06]. **Lusztig** [War11, dC02]. **Lyapunov**  
 [HK02b]. **Lyons** [Geb00].

**Maass** [BS12, HR92a]. **Maclaurin** [CHMW15]. **MacPherson** [Coc05].  
**Madelung** [Cra99a]. **Mahler**  
 [Boy98, BM05, CDD<sup>+</sup>16, MS05, MRW08, RSÉ03, Sil95]. **Main** [RW11].  
**Majorations** [Dre93, DE93]. **Manifold** [BFG<sup>+</sup>13, Bur04, Wal03].  
**Manifolds** [Ban06, BO17, BDSS18, CLLM07, Con06, CLT06, Der15,  
 DHST08, FGG<sup>+</sup>16, FMP04, GHH08, HPP08, HIK<sup>+</sup>16, Lut09, MP01, RSSS06,  
 SZ04, BL00, But05, CGHN00, HW94, Jor99, KSV97, Mat98, RT00, RS05].  
**Manin** [AKN<sup>+</sup>16, Poo06]. **Many** [BCG10, Gal14, VV99]. **Map**  
 [ALT<sup>+</sup>12, Ara07, ADDW18, CL07a, Col05, Mat01, Nil03, NSYY08, Olv01,  
 SYY08, Sch01, BÁ00, Sch92, Tom96b]. **Mapping**  
 [BS01, AT00, KSV97, Tah00]. **Maps**  
 [BBvBK15, Bri04, GN09, HdJF06, HLMZ01, JJJ02, KY17, PPSF17, BSTV93,  
 FG99, Lan98, Mil92, Mil93, Mil00, Mur93, PdLL02, SL00, Tom96a]. **Marked**  
 [MT16]. **Markov** [BW07, LW12, MV00]. **marks** [GP94, Pfe97]. **Marmi**  
 [Car03]. **Matching** [Jon10]. **materials** [KK99]. **Math**  
 [Ano00, Ano01a, Ano01b, Ano01c, Ano01d, Ano03a, Ano03b, Ano04a, Ano04b,  
 Ano04c, Ano04d, Ano04e, Ano04f, Ano05a, Ano05b, Ano05c, Ano05d, Ano06a,  
 Ano06b, Ano06c, Ano06d, Ano07a, Ano07b, Ano07c, Ano07d, Ano08a, Ano08b,

Ano08c, Ano08d, Ano09a, Ano09b, Ano09c, Ano09d, Ano10a, Ano10b, Ano11c].  
**Mathematician** [Bai17]. **Mathematics** [GW18, PZHC09, BD09]. **Mathieu**  
 [BDL96, CEM06, EOT11, SW93]. **Mating** [Mil04]. **matings** [SL00].  
**Matrices** [AGS18, CR99, PS92]. **Matrix**  
 [CKRS06, Dur11, GdII07, Kir11, LR17, OS14, RW94, CPS<sup>+</sup>01].  
**Matrix-Valued** [GdII07]. **Matroids** [MP15]. **Maximal**  
 [Fir15, BDL96, GR00]. **Maximally** [Sin15]. **maximizations** [Dre93, DE93].  
**Maximum** [AJK08]. **McKay** [Chu05]. **Mean**  
 [CV03, LR07, May01, Ume09, Cho94, GBP97, GB97, HKS92, KMS00, RS98].  
**Means** [JZ05]. **Measure** [BM05, CDD<sup>+</sup>16, RSÉ03, Boy98, MS05, Sil95].  
**Measures** [AGS18, HOS11, MRW08, Bri01, JRS92, LSV98, STZ95].  
**MeatAxe** [IL00]. **Medium** [GG03]. **Megaforms** [SSS03]. **Meissel** [LZ10].  
**Melnikov** [DRR99]. **memoriam** [ELT<sup>+</sup>97]. **Menzin** [LT09]. **Mertens**  
 [KvdL04, LZ10]. **Message** [Ano92]. **Meta** [DRT11]. **Meta-Fibonacci**  
 [DRT11]. **Method** [BA02, Boo06, Gui06b, Roe07, TTS17, BHvdP95, DRR99,  
 FG99, SdW94, ST99]. **methodology** [Jor99]. **Methods**  
 [DSS07, EMRSÉ14, Gal14, JZ05, RSÉ03, CPS<sup>+</sup>01, SW99]. **Metric**  
 [EM02, Muk17, BFK<sup>+</sup>92, Mur93]. **Metrics** [BGKT05, Hal14]. **Metropolis**  
 [DN04]. **Million** [CHRR07]. **minima** [Bre98]. **Minimal**  
 [BDdG07, BO17, BNH11, BNL17, BDS16, BDSS18, CH08b, CLMR15,  
 CDD<sup>+</sup>16, Con18, EMRSÉ14, ESTB10, Hol04, Hye17, Jai09, Law17, LvT05,  
 MRW08, RAG18, Tra08, VRS03, CHK93, CS93, Now97, PP93, RTW00].  
**Minimization** [HMM05]. **minimizers** [He02]. **Minimizing**  
 [BBC<sup>+</sup>09b, HKS92]. **Minimum**  
 [DJ10, HS07, MTC14, FP92, FP93, FPDH98]. **Mining** [XKA14].  
**Minkowski** [Ume09]. **Miscellaneous**  
 [Ano01a, Ano01b, Ano01c, Ano01d, Ano11c]. **Missing** [LMO13]. **moats**  
 [GS97]. **Möbius** [DR96, Dre93, DE93, He02, KK93]. **mod** [AAC98]. **mod-**  
 [AAC98]. **Modality** [JR02]. **Model** [CMOS13, Hye17, ACL01]. **Modeling**  
 [GG06]. **Models** [AD14, ABB11, BS17, BW07]. **Modifications** [CM16].  
**modulaire** [Hal98, HK03]. **modulaires** [Lep93]. **Modular**  
 [BK03, CD09, Dem05, Dem08, Die04b, Dum13, FHL<sup>+</sup>10, GJU12, GM13,  
 GM18, GHY13, JST16, Kat05, Kat10a, KSY08, Tak14, Wat02, BG97, Bre98,  
 Chu05, Cre97, Hir00, Hun00]. **Module** [IZ14]. **Modules**  
 [CH13, Hor14, LS03, LS07, Sne05, Web09, Neb00, RV99]. **Moduli**  
 [BvBK09, Hye17]. **Modulo** [APS04, BHK05, Vin01]. **Moments**  
 [AR12, BS08a]. **Monic** [BGMR06, EMRSÉ14]. **Monochromatic**  
 [BCG10, Jun00]. **Monodromy** [BR17, Sin15]. **Monomials** [AS12].  
**Monotone** [HHdC<sup>+</sup>15, PZ04]. **monotonicity** [FJS94]. **Monster**  
 [CL04, HLM03]. **MOP** [JR02]. **Mordell** [BB18, Elk01]. **Morse**  
 [BL14, DF00, Eng09, KKM05, LLT03]. **Mosaic** [Gui12]. **Most**  
 [MP01, McN17]. **Mostow** [Der05]. **Motifs** [GWW16]. **Motion**  
 [Ino13, CHK93]. **Motivic** [CG09, Dok04]. **Moussa** [Car03]. **Moving**  
 [Rom18]. **Multidimensional** [FIS<sup>+</sup>14]. **Multigraded** [HM12, IZ14].



**multiple** [BBK01]. **Multiplication** [LR17]. **Multiplicative** [ABL17b, Shp16]. **Multipliers** [JM14]. **Multiply** [Gir03, NR00]. **multiply-connected** [NR00]. **Multiprecision** [BM15]. **Multireflection** [HR14b]. **Multivariate** [GS05]. **Multizeta** [KL16]. **Mumford** [CLMR15]. **Mutation** [Law17]. **Mutation-Infinite** [Law17].

**Nash** [ALP<sup>+</sup>11]. **Nature** [BBG<sup>+</sup>13]. **Near** [Sch06, Mil06]. **Necessarily** [Roo08]. **negative** [Ste93]. **Neighborhood** [GLP16]. **Neighborly** [MP15]. **Neighbors** [CHM13]. **Neighbourly** [Nil03]. **Néron** [CT14]. **Nested** [Dil00]. **Neumann** [HR92b]. **Newforms** [GJU12]. **Newton** [BW07, Duj01, Roe07]. **Nice** [Hun00]. **Nilpotent** [EM17, ESTB10, JN06, LMW04, LM97, Sch05].

### No

[MTC14, Wal03, Ano03a, Ano03b, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano05a, Ano05b, Ano05c, Ano05d, Ano06a, Ano06b, Ano06c, Ano06d, Ano07a, Ano07b, Ano07c, Ano07d, Ano08a, Ano08b, Ano08c, Ano08d, Ano09a, Ano09b, Ano09c, Ano09d, Ano10a, Ano10b, Ano11c, GP94, MR95].

**Nodal** [BNH11]. **nodoids** [Ros05]. **Noetherian** [DSS07]. **Noisy**

[GMRST14]. **nombres** [Cos02]. **Non**

[BR17, Gou97, HIS16, Lam18, LM17b, Cou94]. **Non-Crystallographic**

[Lam18]. **Non-geometric** [HIS16]. **Non-Normal** [LM17b]. **Non-ordinary**

[Gou97]. **Non-symplectically** [BR17]. **Nonassociative** [BH04].

**Noncollision** [Ger03]. **Noncommutative** [GK12]. **Noncompact** [Bar06].

**nonconformal** [BSTV93]. **Noncongruence** [FHL<sup>+</sup>10]. **Noncrossing**

[CG14]. **Noncyclotomic** [FK02]. **Nonelliptic** [Die04a]. **Nonexistence**

[Nil03, DL92]. **Nongeometrically** [GM13]. **Nonhyperbolic** [Gra02].

**Nonlattice** [DS14]. **Nonlinear** [BBC09a, Neu06, FPU55]. **Nonorientable**

[Bur07]. **Nontrivial** [KS01, MNS08, Dok00]. **norm** [Ste93]. **Normal**

[BC02, BS17, Bur10, LM17b, HMM98, HMM99, Jor99, Ran99]. **Normality**

[BBC<sup>+</sup>12, Lag01, Sev18, XKA14]. **normalization** [Rim92]. **Norms**

[ABT96, LV15]. **Norton** [RW94]. **Note**

[BBF12, Bri04, CB09, CLP15, Els14, FI18, HP18, Hen18, Ano97]. **Notes**

[EOT11, Wei16]. **Nuclear** [HP08]. **Nucleation** [GG97]. **Nucleus** [HP06].

### Number

[Aic04, BCIO01, Cd18, CIO07, DdLV14, DJP<sup>+</sup>05, DR08, FI18, FK09, KP08, Mal10, MTC14, Pio07, SZJ04, SP05, Wag01, Wan01, Ano01a, Ano01b, Ano01c, Ano01d, Cos02, EH96, FM00, GPP94, Lou98, Rog00, Ste93, WS98].

**Numbers** [Adz17, AS16, AMM08, AFMS17, BC02, Bri06, BDS16, BV12, CGM15, CP10, CP12, Cha14, Dol18, Eel07, GW18, KB17, MT16, MV10, Wag01, Lou98, MS05, Sil95, Thu94]. **Numerical**

[Ave10b, BHM<sup>+</sup>13, BM15, BL12, Ble11, BNH11, Bra95, But12, Car03, DD03a, DN04, HP18, HP13, Hir00, JRS92, JRS03, JZ05, NR99, Now97, RW11, Tom96b, Ver00, GH96, HMT10, Jor99, KSV97, Kob94, LR92, LR02, PZHC09].

**numérique** [HMT10]. **numériques** [LR02]. **Nyman** [LR02].

**Observations** [Bur07]. **Obstruction** [Poo06]. **Obtain** [Gui06b]. **Obtuse** [Sch06, Sch09]. **Ochoa** [SdW94]. **octaédral** [CNJ96]. **Octagon** [Bur10]. **octahedral** [CNJ96]. **Octahedral** [HPP08]. **Octahedron** [De 06b, De 06a]. **Octic** [Oma01]. **Odd** [KB17, SZ04, Jun00]. **ODEs** [JZ05]. **Off** [kAL01, Viv94]. **Off-Center** [kAL01]. **Once** [KSWY06]. **Once-Punctured** [KSWY06]. **One** [Mat01, PW01, Rub13, Sch09, Wag01, Caz97, GH96, HW02, LP97]. **One-Dimensional** [Mat01, Caz97]. **one-equator** [LP97]. **Onset** [HRSS17]. **Open** [Han09]. **Operad** [DZ11]. **Operads** [CG14]. **Operator** [AL03, KZ08, LN10, MS01]. **Operators** [BR17, DSS07, ER15, GdlI07, Sne05, AAC98, ABT96, KK99, MV00]. **OPTi** [Wad06]. **Optical** [TTS17]. **Optimal** [CCEK07, TS06, Nur00]. **Optimality** [LLT03]. **Optimization** [EMRSÉ14, HKPP13, NT15]. **Orbifold** [BK16]. **Orbit** [Gal14, MSV03, Lan98]. **Orbits** [All05, BDdG07, Col05, Gal14, JN06, LMW04, LN01, KdC05, Tom96a]. **Order** [BLP09, BR17, CHRR07, De 15a, Dur11, EL14, Hor14, JM14, JZ05, KKS16, KS05, KvdL04, BN97, CLZ92, DL92, FJ96]. **Orders** [Aga13, GOP02, HRSS17, Kob01, GR00]. **ordinary** [Gou97]. **Orientable** [HPP08]. **Oriented** [MP15]. **Origami** [Sch04]. **Orlik** [MPY17]. **Orthogonal** [Dur11, DPV15, GdlI07, HOS11, Sin15, Neb00]. **orthonormal** [CPS+01]. **Oscillation** [LT09]. **oscillators** [MP94]. **Outer** [BHS09, DPPS05, Jeo15, Lut13]. **Outline** [Hye17].

**Package** [JZ05, MSV03]. **Packard** [GG06]. **Packing** [Ano97, CHS96, DS95]. **Packings** [BH01, DHST08, FS11, Hen18, MVG05, TS06, Ano97, CHS96, MMT00]. **Pages** [Ano01a, Ano01b, Ano01c, Ano01d]. **Painlevé** [MR10]. **Pair** [Bur14]. **Pairs** [ABGS11, SS11, Sto17b, GP94]. **Palindromic** [Sil17]. **Parabolic** [JR02]. **Parameter** [BCF04, BC04, GN09]. **parameters** [GG97]. **parfaits** [BM94]. **Part** [BDM07]. **Partial** [BFFvdW07, Gar17, KS05, Neu06, Vin01, Boy94]. **Partition** [BHP12, Han09]. **Partitions** [Alm02, BO17, BNH11, BNL17, Oud11, Wei16, FJS94]. **Parts** [Alm02]. **Pasta** [PZHC09]. **Pasting** [Mil04]. **Patterns** [BCG10, Cun17, Fin92]. **Patters** [Kho03]. **Peak** [BFT16]. **Pell** [JW00]. **Pentagram** [Sch01, Sch13b, Sch92]. **percolation** [Var98]. **Perelman** [Hal14]. **Perfect** [Aic04, BM94]. **Perimeter** [Oud11]. **Period** [PW01]. **Period-One** [PW01]. **Periodic** [BL07, Con18, De 06a, De 06b, DS13, GR00, GS97, KV17, Lin04, LR05, OS14, Sch09, BC98, CHK93, CD10, HW02, KdC05, RTW00, Tom96a]. **Periodicity** [EM17, Lam18, Viv94, CF96]. **périodiques** [CD10]. **Periodized** [GGM11]. **Periods** [DW10, GM18, Cre97]. **Permutation** [CH08a, ESTB10]. **Perron** [Sch07]. **Persistence** [dFT14]. **Perturbation** [BFM13, Tom96b]. **Pezzo** [CS13]. **Phase** [Guc95]. **phenomenon** [GP92]. **Physics** [BBC09a]. **Pi** [BBBR17, Gan17, Sev18]. **Pick** [EL09]. **Picture** [Ino13]. **pieces** [GM99].

**Piecewise** [BP07]. **Pinching** [GHK03]. **Ping** [Tsu16]. **Ping-Pong** [Tsu16]. **Pisot** [MS05]. **Planar** [AF06, Guc95]. **Plane** [BvBK09, CP12, CM16, De 06a, De 06b, HdJF06, KY17, Pio07, SZJ04, BSTV93, Boy99, VV99]. **Planes** [KV17, Ano97, CHS96, DL92]. **Planimeter** [LT09]. **Plateaus** [Ara07]. **Platonic** [Alp98]. **Plumbed** [Fuk11]. **Pluricomplex** [Wik03]. **Poincaré** [BL00, HLMZ01, Sne05]. **Poincaré-Betti** [Sne05]. **Point** [BBC<sup>+</sup>09b, BLP09, BRS<sup>+</sup>18, De 15a, EJ10, KK12, KKM05, Mil06, Ros05, Wal95]. **Points** [Ber95, BM05, BL07, BDP16, BGKMI01, BS08b, CB09, Dum02, Duq01, Els11, GG03, Gra02, GM13, Hop10, IC16, KS03, Poo01, Gal99, Maz92, Mil00, NR00, VV99, Wal94]. **Poisson** [BBKL17, EGP<sup>+</sup>12]. **Polarization** [EF18]. **Polarized** [Bro07]. **Poles** [ST02b, Wik03]. **Pólya** [PE06]. **Polyforms** [MT16]. **Polygon** [KB17]. **Polygonal** [BP07]. **Polyhedra** [De 06a, De 06b, Fir15, KM18, Roe07, GH96]. **Polyhedral** [EM02, Nil03]. **Polyhedron** [Fir15]. **polylogarithm** [CLZ92]. **Polynômes** [DO99]. **Polynomial** [ABZ07, BGMR06, Cd18, CLMR15, ER15, GK12, IKM02, Koh18, MS01, Nic18, DH97, DU95, Sot00]. **Polynomials** [BBKL17, BCH<sup>+</sup>14, BFT16, BM00, CLP15, DS13, DS15, DS14, DFJ12, Dur11, DPV15, Eel07, EMRSÉ14, ET14, Fla08, GMRST14, GXB15, GS05, GdII07, Har11, HLLM15, HOS11, LPU11, LM06, PR08, RSÉ03, Shi16, Tha08, War11, Xu04, dC02, BB93, BC99, DF00, Sch99, SL00, DO99]. **polytope** [CR99, CRY00]. **Polytopes** [BW07, BS11, DY07, LM17b, MP15, SZ04, IKM02]. **Pong** [Tsu16]. **portraits** [Guc95]. **Positive** [KL16, LW12]. **Positivity** [KZ08]. **Positivity-Preserving** [KZ08]. **pour** [LR02]. **Power** [Gaa01, GOP02, Ola05, SS06, ACL01]. **Powerful** [vdP01]. **powers** [HS05, JK95]. **practical** [BJP94]. **Praeger** [HR92b]. **precision** [BJL05]. **Prehomogeneous** [JN06]. **premières** [DO99]. **premiers** [Cos02]. **prenant** [DO99]. **Prescribed** [SZ04, BHvdP95, BM00]. **Presentations** [BM04, CFH<sup>+</sup>15, EHT01, ES14, HR03, NW05, Geb00]. **Presented** [But11, DHJ15, ERvR15, Hul01, Roo08, HR96]. **Preserving** [KZ08]. **Pretzel** [GK12]. **Prim** [GJL03]. **Primality** [Kid04, Kob01]. **Prime** [ABGS11, BDS16, KW08, KS08, McN17, Shi05, Var98, Wag01, BtR96, Cos02, FM00]. **prime-number** [Cos02]. **primeness** [WPW97]. **Primes** [CL07b, DT02, FS10, KT16, Mül06, Gou97]. **Primitive** [Lee04, Yab09, LLS95, CNJ96]. **primitives** [CNJ96]. **Principal** [AF06, CHLM97, DO99]. **Principle** [BDSS18]. **Probability** [BGMR06, GWW16]. **Problem** [BEZ03, EH04, FK09, GKR01, HKPP13, HMM05, Har11, MO07, MTC14, MT15, Nic18, Pau17, PZ04, Rom18, Tsu16, dFT14, Kra94, LSW99, Rob00, TW99, Sch13a]. **Problems** [Han09, Bra95, FPU55]. **Product** [BDM<sup>+</sup>18, HLM03, Sch99]. **Products** [BZ17, FS10, LM17a, May10, OS16, Wal13, Dil00]. **Program** [Hye17]. **Programming** [Cd18, MV10, Ros97]. **Progressions** [GST06, HR14a, LZ10, PR17b, SW12, Bre99, Jun00]. **Projection** [DHST08]. **Projections** [Alu15]. **Projective** [BK16, CH13, De 15b, JK01, KY17, Lom02, OS16, DL92, MR00].

**Projectivity** [Sca09]. **Proof** [BS08a, CG09, Hol95, Pau96]. **proofs** [Guc95]. **Properties** [AGS18, GPS18, Riv10, She09, SK11, Caz97, KK99]. **Property** [Bru07, KW08, NT15, PR13, Shi05, LP97, Tah00]. **Propositional** [MMW07]. **Providing** [RSÉ03]. **Proving** [Abl17a, But11]. **Prym** [EF18]. **Pseudo** [Bri04, HS07, KKT09]. **Pseudo-Anosov** [Bri04]. **Pseudo-Anosovs** [KKT09]. **Pseudo-Anosov** [HS07]. **Pseudogroup** [CEM06]. **pseudogroups** [Rim92]. **Pseudoprime** [AD07]. **Punctured** [CP10, CP12, KSWY06, BG99].

**Quadrangle** [De 15a]. **Quadratic** [Aic04, BCIO01, BCH<sup>+</sup>14, BP15, Bir14, Bre98, CDD<sup>+</sup>16, DG02a, Dem08, Els11, FK02, GN09, GXB15, GLP16, Oka02, Pet04, Qua06, RS01, SP05, Sto09, Van17, BtR96, CF95, Chu05, JLW95, Mil93, RS00, SW99, Ste93, ST05]. **Quadratics** [PW01]. **quadratiques** [Lep93]. **quadrature** [BJL05]. **Quadrilateral** [Bur10, CR93]. **Quadrilateral-Octagon** [Bur10]. **quadruply** [BG99]. **quadruply-punctured** [BG99]. **Quandle** [AER<sup>+</sup>08]. **quantized** [dG02b]. **Quartic** [Joh11, GPP94, Ola05]. **Quartics** [Chi04]. **quasiperiodic** [Tom96b]. **Quasiplatonic** [Gir03]. **Quaternion** [KKS16, Oma01]. **Quaternionic** [CFH<sup>+</sup>15]. **Question** [BZ17]. **Questions** [Kat14]. **Quick** [GS05]. **Quinn** [BBC09a]. **quintic** [Cra01, FH99]. **Quivers** [Law17]. **Quotient** [HS14, Hul01, MSS18]. **Quotients** [MSWZ93, HR96].

**race** [FM00]. **Radii** [BRS<sup>+</sup>18]. **Radiographie** [BM94]. **Radiography** [BM94]. **Radius** [Joh08]. **Ramakrishnan** [KT16]. **Ramanujan** [AG12, BCF04, BC04, DP15, Gui03, Gui12, KR15, OS15, Rit07]. **Ramanujan-like** [AG12]. **Ramanujan-Type** [Gui03]. **Ramified** [Dou05]. **Ramsey** [MO07]. **Rand** [BBC09a]. **Random** [AST17, BC01, BC02, Ban06, BKN<sup>+</sup>12, BL14, BSW13, BRS<sup>+</sup>18, BGKMI01, BGMRO6, CKRS06, ERvR15, Gan14, HRSS17, MNS08, OS14, ACL01, WS98]. **Random-to-Random** [AST17]. **Randomness** [BBBR17, CDS02, Gan17]. **rang** [Fer96, Lep93]. **Rank** [Alu15, Elk01, HIL13, Jai09, KS01, LR17, Rog00, RS01, Rub13, Sil17, BN97, Fer96]. **Rank-2** [Jai09]. **Rank-Two** [Sil17]. **Ranks** [CT14, RS00]. **Rate** [Bri04]. **Rational** [BCH<sup>+</sup>14, BLP09, BS08b, CB09, Dum02, Els11, Gal99, IC16, Jai09, Oha08, Pio07, Sto00, Maz92, Mil93, Mil00, Mur93, PS96, SL00, Wal94]. **Rationality** [BvBK09]. **rationnels** [Ber95, Wal94, Wal95]. **Ratios** [Kat10b, Shp16]. **Ray** [PW01]. **RC** [BB93]. **RC-graphs** [BB93]. **reaching** [BCVZ02]. **reader** [Ano00]. **Real** [BCF04, CDD<sup>+</sup>16, DG02a, De 15b, Dem08, Esc14, GPHH<sup>+</sup>12, HHdC<sup>+</sup>15, JN06, KY17, Oka02, RSSS06, SP05, Sot00, DF00, FP92, FP93, FG99, SW99, Ste93, ST05, Ver00]. **Real-Parameter** [BCF04]. **Realization** [HLZ10]. **Realized** [BPS12, FS12]. **Recognition** [Tar92, HR92b, Mat98]. **Recovering** [BHM<sup>+</sup>13]. **Recurrence** [BS08a]. **recurrences** [CF95]. **Recurrent** [Sch01]. **Recursive** [GWW16, Pin00]. **Reduced** [Hum02]. **Reducible** [HMT10]. **Reduction**

[CL07b, HS13, PS92, Coc05, HMM98, PR03, PR03, HMM99]. **Reductions**  
 [CT14]. **Refined** [GXB15]. **Refinements** [Hen18, OS15]. **Reflection**  
 [CL07a]. **Reflections** [kAL01, GPS18, ST99]. **regarding** [MN05]. **Regime**  
 [HRSS17]. **Regina** [Bur04]. **Regions** [AF06, CLLM07]. **Regular**  
 [De 15a, Gör15, MNS08, OS14, SW10, Gra96, IKM02, MR00, Smi00, Sze98].  
**Regularity** [CLMR15, PdL02]. **Regulator** [LSY03, JLW95, SW99].  
**Regulators** [Jai09]. **régulière** [Gra96]. **Reid** [CLLM07]. **Related**  
 [DD03a, DL04, DHJ15, GdlI07, Cos02, IKM02, LR92]. **relation** [HdC02].  
**Relations** [Col05, FHL<sup>+</sup>10, Tak14, BS99]. **Relative**  
 [Gaá01, Gaá15, JN06, BG99, Lou98]. **Remark** [GJL03]. **Remarks**  
 [Bax02, HSV94, Mil92, Lan98]. **René** [FKS15]. **Renormalization** [GY07].  
**Rényi** [FM00]. **Repair** [CM16]. **Repeated** [BK12]. **Replacement** [HLM03].  
**Reply** [Gan17]. **reported** [PZHC09]. **Representation**  
 [Fie07, Gal14, Wag01, Tha95]. **Representations**  
 [BFG<sup>+</sup>13, BP15, BH04, CLT06, Die02, Die04a, Dou05, Dou07, ESTB10,  
 Gre10, Gui06a, JRS03, AAC98, AM92, BC00, CNJ96, Cra99a, Dok00, FS98,  
 KSV97, LLS95, PS96, CNJ96]. **Representing** [Hul01]. **Reproducibility**  
 [BBBR17, Gan17]. **réseaux** [BB92, BM94]. **Reshetikhin** [KM18].  
**Residually** [Lee04]. **Residue** [Shp16]. **Residues** [ABGS11]. **Resolution**  
 [BBC09a, GPP94]. **Resolutions** [DY07]. **résolvantes** [RV99]. **resolvents**  
 [RV99]. **Resolving** [ALP<sup>+</sup>11]. **Resonance** [MP94, Olv01, Kra94].  
**Resonances** [Bor14]. **Respect** [HOS11]. **Restricted** [Pur18]. **Resultant**  
 [DH04]. **Results** [BHM<sup>+</sup>13, BEZ03, DN04, GG06, Now97, Tom96a].  
**Reversible** [JJJ02]. **Reversing** [Sil17]. **Revisited** [Sto17b]. **revolution**  
 [RS05]. **Riccati** [GHK03]. **Ricci** [RS05]. **Rickard** [BZ17]. **Riemann**  
 [BK12, BM15, BH18, Boo06, BFFvdW07, Bri06, Gir03, Kaw18, LR02, Rub13,  
 She09, SW12]. **Rigid** [BR17, Die04b]. **Rigidity** [BFG<sup>+</sup>13]. **Rigorous**  
 [GG06, Tom96a]. **ring** [DU95, LS02]. **Rings** [KKM<sup>+</sup>01, Nic18, Shp16, LS02].  
**Rodrigues** [Dur11]. **Rogers** [KR15, OS15]. **Root** [CCEK07, Lam18]. **Roots**  
 [BFT16, GHY13, Tha08]. **round** [Viv94]. **round-off** [Viv94]. **ruler** [GP94].  
**Rules** [PR13].

**Salem** [Dol18, MS05, Shi16]. **Salesman** [Tsu16]. **Salmon** [BO11]. **Sampling**  
 [BDHZ09, CLM13, ERvR15, HS01, OSS03]. **Satisfying** [Dur11]. **Sato**  
 [GJU12]. **Saturation** [PR13]. **Scaling** [BÁ00, Wan01]. **Scheme** [HM12].  
**Schemes** [HWW05, BJL05]. **Schubert**  
 [BB93, GPHH<sup>+</sup>12, HHdC<sup>+</sup>15, Knu01, LW12, RSSS06, Sot00]. **Schur** [AS16].  
**Schwarz** [CL07a, NSYY08, SY08]. **Science** [BBBR17, Gan17]. **screen**  
 [Goe93]. **screw** [CHK93]. **search** [LM97]. **Searching** [BM06, Mül06].  
**Secant** [AB09, BDdG07, GPHH<sup>+</sup>12, HHdC<sup>+</sup>15, OS16]. **Sections**  
 [De 06a, De 06b]. **Sector** [Fla08, Joh08]. **Segment** [HLZ10]. **Segre**  
 [AB09, OS16]. **Selberg** [BFM13]. **Self** [CP10, CP12, Cha14, De 15b,  
 DPPS05, HOS11, LvF03, LN03, SS06, Cho94, HSV94, LSV98, STZ95].  
**Self-Affine** [SS06, HSV94]. **Self-Intersection** [CP10, CP12, Cha14].

**Self-Projective** [De 15b]. **Self-Similar**  
 [DPPS05, HOS11, LvF03, LN03, Cho94, LSV98, STZ95]. **Selmer** [Dum02].  
**Semi** [NW05]. **Semi-Presentations** [NW05]. **Semidefinite**  
 [Cd18, MV10, NT15]. **Semigroup** [BEN12]. **Semistable** [DDG<sup>+</sup>14, KK12].  
**Separation** [BRS<sup>+</sup>18]. **separatrix** [DRR99]. **Sequence**  
 [Bax02, LRS02, Ste17, BCVZ02, Cos02, Pin00]. **Sequences** [DRT11, EH04,  
 GM08, KS08, Lam18, LS13, MVG05, Yab09, CF95, Fin92, Smi00]. **Series**  
 [AG12, BM15, DD03a, Gui03, Gui06a, Gui06b, HS14, Hik03, LMW04, PT08,  
 Riv10, SS06, Sne05, BP92, Boy94, Chu05, CVZ00, GP92, LL94]. **Serre**  
 [Dou05, Dou07]. **Set**  
 [Alm02, BGKMI01, CL07b, MTC14, ST02b, Jen00, Kra94]. **Sets**  
 [ABL17b, BY13, BNH11, BRS<sup>+</sup>18, HP18, Jeo15, LN03, Mil04, MVG05, SS06,  
 CF96, MPR94, Tom96b, VS00]. **Seven** [DD03b]. **Several** [Xu04]. **Severi**  
 [CM13, CT14]. **sextic** [Cra99b]. **sha** [Ros00]. **Shafarevich** [CM00, Dum01].  
**Shafarevitch** [Del01]. **Shahidi** [KT16]. **Shanks** [FM00]. **shape** [KK97].  
**Shapiro** [Sot00]. **Sharing** [CV03]. **Sharp** [IC16]. **Sheeted** [ST02b]. **Short**  
 [DDG<sup>+</sup>14, Els14, GMRST14, Geb00]. **Shparlinski** [Pau17]. **Shuffling**  
 [AST17]. **Sides** [GJL03]. **Siegel**  
 [CD09, EM09, GY07, HOY12, Kat10a, Tak14]. **Sierpinski**  
 [DL04, OSS03, HP14]. **sieve** [BtR96, EH96]. **Sieving** [FP99]. **Signal** [Ste17].  
**Signatures** [LvT05, RAG18]. **Similar**  
 [DPPS05, HOS11, LvF03, LN03, Cho94, LSV98, STZ95]. **Simons** [MMO<sup>+</sup>02].  
**Simple**  
 [BH04, CHRR07, Dum13, JN06, NW05, RAG18, CHLM97, Geb00, Web97].  
**Simplest** [Duq01, Ola05]. **Simplicial** [BL00, SK11]. **Simultaneous**  
 [GST06, Riv04, Sto17a]. **singly** [CHK93, HW02]. **Singular**  
 [BP01, DRR99, May01]. **Singularities**  
 [Esc14, Ger03, NSYY08, Ume09, BHvdP95, Tar92]. **singularity** [CS93].  
**Singularization** [Sch07]. **Six** [CS01, Joh11, Dok00]. **Six-Dimensional**  
 [CS01, Dok00]. **sixteenth** [CLZ92]. **sixteenth-order** [CLZ92]. **size** [JW00].  
**Slicings** [SK11]. **Sloane** [dFT14]. **Slow** [FIS<sup>+</sup>14]. **Smale** [Col05]. **Small**  
 [BCH<sup>+</sup>14, BvBK09, BM05, Bri04, Fab09, FMP04, Gaá15, HHMP10, Kob01,  
 LS13, LR11, MRRTS16, RSÉ03, Shp16, Sil95]. **Smallest** [EJ10]. **Smooth**  
 [But12, CHM13, Sca09]. **smoothness** [GMSB96]. **SnapPea** [Bur14]. **Snow**  
 [GG06]. **Snowflakes** [GG06]. **soap** [Bra95]. **Soccer** [Cra14]. **Sofa** [Rom18].  
**Software** [Bur04, JZ05, ST02a]. **solidification** [Kob94]. **Solitar** [MV00].  
**Solitonlike** [Kus09]. **solution** [Bra95, MR00, MR95]. **Solutions** [CR01,  
 ER15, GP06, Gaá15, Gar17, GHK03, MR10, PPSF17, Rom18, Cho94, JW00].  
**Solvable** [dG05, MV00]. **Solving** [Cra99b, Cra01, DP15, MTC14, dW98].  
**Some** [AKP03, BNHLR11, Bax02, BEZ03, BZ16, BR17, DPV15, Els11, FS11,  
 Hal14, Han09, JRS03, KR15, LS02, MRRTS16, MN05, RAG18, Riv10, SW99,  
 Wat08, Wil06, Gar02, Ros00, Tom96a]. **sommatoire** [Dre93, DE93]. **Sophie**  
 [FJ93]. **sous** [Ber95]. **sous-groupes** [Ber95]. **Space**  
 [CV03, DS13, GN09, GY10, HR04, Hye17, KY17, KSWY06, Kus09, MPY17,

Tan09, Tra08, Ume09, ABT96, HKS92, MR00, Now97, RS98]. **Spaces**  
 [BNHLR11, BvBK09, But12, JN06, JK01, LS03, Mat01, OS16, Tan09, Ano97,  
 CHS96, Ter96]. **Sparse** [Fie07, PS92]. **Specht** [Web09]. **Special**  
 [Dok04, Kat05, Ots15, PR08, Boy98, GM99, HR92b]. **spectra** [HW94, Ter96].  
**Spectral** [AST17, BNL17, Joh08, KK99, Riv16]. **Spectrum**  
 [AL03, BHS09, HS01, MRRTS16, NR99, RT00]. **Sphere**  
 [BRS<sup>+</sup>18, HdJF06, HLMZ01, HS15, KS03, MVG05, She09, TS06, BG99, BL00].  
**Sphere-Hole** [BRS<sup>+</sup>18]. **Spheres**  
 [BBC<sup>+</sup>09b, BGKT05, Fuk11, Tan09, BS99]. **Spherical**  
 [BY13, Bra16, Der15, Wan09]. **Spin** [Eel07, ER15]. **Spin-Euler** [Eel07].  
**Spinor** [BDM<sup>+</sup>18]. **Spirals** [BH01, Sch13b]. **Splines** [GGM11]. **Split**  
 [Bre08a]. **Splits** [BGMR06]. **Splitting** [DT02, DRR99]. **Sporadic**  
 [DPP11, Hol04, NW05, CHLM97, Geb00]. **Spot** [DRT11]. **Spot-Based**  
 [DRT11]. **Sprawl** [DLM13]. **Spun** [Ino13]. **Square**  
 [BNH11, Dum01, GGM11]. **squared** [HKS92]. **Squareful** [BV12]. **Squares**  
 [AS12, Dum02, Dil00, FJ96, JK95]. **Squaring** [LS04]. **Stability**  
 [MS11, KdC05]. **Stable** [GOR13, GL15, KY17, Wal13]. **stablement** [Cou94].  
**Stably** [BZ17]. **Staff** [Ano04a, Ano04b]. **Standard**  
 [ADDW18, Kat05, Kat10a, Olv01, SW95]. **Stanisław** [PZHC09]. **Stanley**  
 [IKMF16]. **Stark** [JRS03, Rob00]. **state** [MPR94]. **Statement** [Sin03].  
**Statistically** [Gan14]. **Statistics** [AD07, BHI<sup>+</sup>11, HS13]. **Steep** [ADDW18].  
**Stein** [LS02]. **Steinhaus** [EH04]. **Step** [BSW13, Jun00]. **Stepped** [FIS<sup>+</sup>14].  
**Stern** [Fuk11]. **Stirling** [AMM08, Eel07]. **Stochastic** [AD14, CR99]. **story**  
 [Gou97]. **Stover** [DR17]. **Strichartz** [BKN<sup>+</sup>12]. **String** [AG12, OM08].  
**Strings** [DS14, LvF03]. **Strogatz** [BBC09a]. **Strong** [DP08, HK02b].  
**Strongly** [Har02]. **structure** [Lan98]. **Structures**  
 [ArE11, BPS12, BH04, But12, FS12, BPW95]. **Studied** [Ber17]. **Studies**  
 [FPU55]. **Study** [BBBR17, BBC<sup>+</sup>09b, Car03, Gan17, GW18, LN10, PPS09,  
 SY01, TTS17, BB92, BHvdP95, Boy94, Cra99b, DRR99, Fer96, GH96,  
 HMT10, PdL02, Tom96b]. **Subdivisions** [BKN<sup>+</sup>12]. **Subgraphs** [LM06].  
**Subgroup** [Aga13]. **Subgroups**  
 [CL04, CP03, Cum04, EGP<sup>+</sup>12, FHL<sup>+</sup>10, Hul01, Jai09, KKS16, LR11,  
 LT18, RD04, Shp16, BDL96, Neb96, Pfe97, Tah00, vGvdKTV97]. **Subrings**  
 [Alv08]. **Subset** [MO07]. **Subspace** [BÖW18]. **Substitutions** [ABB11].  
**Successive** [ABG09, ABGS11]. **Sudoku** [MTC14]. **Suffice** [Ger03].  
**Sufficiency** [BA02]. **Suggesting** [CLM13]. **Suita** [BZ16]. **Suitable** [SP05].  
**suite** [Cos02]. **Sum** [BB18, KB17, Ots15, CF96, CtR96, CtR97, TW99].  
**sum-free** [CF96]. **sum-of-divisors** [CtR96, CtR97]. **summation** [DR96].  
**Summs** [BFFvdW07]. **Sums** [Abl17a, AS12, BV12, JK95, LZ10, LMO13,  
 Pat03, Pat05, Vin01, Alm98, BBG94, Boo00, BBK01, Boy94, CB94, FS98].  
**Sumsets** [LMO13]. **Supercongruences** [Gui12]. **Superpolynomial**  
 [DGR06]. **Supersingular** [Dou07, Shi16, PR03]. **supersingulière** [PR03].  
**Surface** [BS01, CH08b, DR17, EOT11, EJ10, FIS<sup>+</sup>14, HLZ10, iIS04, LR05,  
 LT18, SK11, Bra92, BPW95, Bri00, JR99]. **Surfaces**

[Ame08, BT18, Bar06, Bor14, Bra16, Bro07, Bur10, Cha14, CV03, CLW15, Con18, CT14, Die02, Dol18, ET14, Esc14, Gir03, HM02, HS15, Jai09, Kre10, Shi16, Tra08, Ume09, AR97, CHK93, CS93, GR00, GBP97, HK02a, HKS92, KMS00, MP94, Now97, PP93, Ran99, RS98, RTW00, Tah00, Tha95, Tom96a]. **Surjective** [Gre10]. **Survey** [Ter96]. **Swallowtail** [NSYY08]. **Swinnerton** [Ble11, FHL<sup>+</sup>10]. **Swinnerton-Dyer** [Ble11, FHL<sup>+</sup>10]. **Sylvester** [DH04]. **symbolic** [CPS<sup>+</sup>01]. **Symmetric** [BT18, BH01, BBG<sup>+</sup>13, Dum01, Dum02, HS15, Ino13, LW12, MO07, Ter96]. **Symmetries** [AFMS17, HW94, Wal03]. **Symmetrized** [AS12]. **Symmetry** [Cd18, Lut09, Rei96]. **Symplectic** [De 15a, HS14, Kir11, MMT00, MSS18, Tom96b]. **symplectically** [BR17]. **System** [CCEK07, CMOS13, Joh08, Joh11, PPS09, Cos02]. **système** [Cos02]. **Systems** [De 15b, Lam18, Hul95, Jor99, Sot00]. **Systoles** [HK02a, KKS16]. **Szpiro** [BY12, Nit93].

**Table** [Ano03a, Ano03b, Ano04c, Ano04d, Ano04e, Ano04f, Ano05a, Ano05b, Ano05c, Ano05d, Ano06a, Ano06b, Ano06c, Ano06d, Ano07a, Ano07b, Ano07c, Ano07d, Ano08a, Ano08b, Ano08c, Ano08d, Ano09a, Ano09b, Ano09c, Ano09d, Ano10a, Ano10b, DGKMY15, KS05, Neb00, Pfe97]. **Tables** [MRRTS16]. **taking** [DO99]. **Tammes** [MT15]. **Tan** [Mil93]. **Tangencies** [FG99]. **Tangle** [AER<sup>+</sup>08, OM08]. **Tangles** [OM08]. **Tannaka** [KK12]. **Tate** [CM00, Del01, DW10, Dum01, GJU12]. **Taylor** [JZ05]. **Techniques** [MS11, SZ04, XKA14]. **Teichmüller** [KSWY06, Kus09, Mat01, Muk17]. **Teichons** [Kus09]. **Tensor** [BZ17, Sch99]. **Tentative** [BP07]. **Terao** [MPY17]. **terms** [BP92]. **Ternary** [BP15, Chi02, Chi04, HP13, Wil06]. **Tessellation** [Gör15]. **Test** [GS05, Boo00]. **Testing** [CJUE04, DS15, EM02]. **Tests** [Kid04]. **Tetrahedral** [FGG<sup>+</sup>16]. **Tetrahedron** [Bur07]. **th** [FI18]. **Thaw** [iIS04]. **Their** [CHRR07, GdII07, JN06, Wag01, DE02, PP93]. **theme** [Sze98]. **Theorem** [CJUE04, EM09, FJ93, Sto00]. **theorems** [FJS94]. **Theory** [AG12, BL14, CKRS06, EM17, HS01, LLT03, MO07, MMW07, OS14, DS95, Mar95]. **There** [GP94, MTC14]. **Thetanullwerte** [LPU11]. **Thompson** [Chu05, CHLM97]. **Thomson** [Sch13a]. **Three** [ÁCWB03, BSW13, BV12, Har02, MP01, AM92, B JL05, Cra01, HW94, KSV97, Kob94, Mat98, Now97]. **Three-Dimensional** [Har02, AM92, Kob94, Now97]. **Three-Manifolds** [MP01, HW94, KSV97, Mat98]. **Three-Step** [BSW13]. **Three-Torus** [ÁCWB03]. **Threefold** [Die04b, RSSS13]. **Threefolds** [Gar17]. **threshold** [GG97]. **Thue** [BHvdP95, DF00, GP06, Gaá15, SdW94, dW98]. **Tight** [AM01, BC98, BDSS18]. **Tightening** [ACPR11]. **Tiles** [DPPS05]. **tilings** [HSV94]. **Tire** [LT09]. **Together** [Mil04]. **Tomography** [TTS17]. **Tool** [iIS04]. **top** [Thu94]. **topography** [HR92a]. **Topological** [AJK08]. **Topology** [Bur04, De 06a, De 06b, BG99, DE02, Maz92]. **Tops** [DDG<sup>+</sup>14]. **Torelli** [ALT<sup>+</sup>12]. **Tori** [BNL17, BS01, KSWY06, MMT00]. **Toric** [ALP<sup>+</sup>11, Sca09, HT00]. **Tornheim** [BB18]. **Torsion**



[Aga13, Jon10, KS01, Poo01, Sto17a]. **Torus**  
 [ÁCWb03, CP10, GOR13, GL15, GY10, KK93, BÁ00]. **Total** [Tra08].  
**totally** [FP92, FP93]. **Trace** [Dum13, EMRSÉ14, Fla08, Kat10b, BB92].  
**Traces** [EGP<sup>+</sup>12]. **Tracking** [BL12]. **Tracks** [LT09]. **Trajectories** [Sch09].  
**Transform** [DL04]. **Transformation** [HK02b]. **transformations** [CD10].  
**Transforms** [Eng09, LSV98]. **Transitive** [CH08a, LLS95]. **Translates**  
 [ABL17b]. **transport** [Viv94]. **Traveling** [Tsu16]. **Treating** [IL00]. **tree**  
 [CHLM97]. **Trees** [CGM15, GWW16, AL95, Rim92]. **Trefoil** [Ino13].  
**Triangle** [DPP11, Sch06, HK02a, Nur00, Smi00]. **Triangles**  
 [EL09, GJL03, HP14, Alp98]. **Triangular** [KV17, Sch06, Sch09].  
**Triangulated** [Ame08]. **Triangulation** [iIS04, BL00]. **Triangulations**  
 [BL14, BS01, BDSS18, CM13, HIS16]. **Trilinear** [BP01]. **Trimming** [CL98].  
**Triple** [BDM<sup>+</sup>18]. **Triples** [DP08]. **Trivial** [EHT01, ES14, ERvR15, HR03].  
**Trivializations** [BM06]. **trois** [JR99]. **Tropical** [DY07, JLY16].  
**Trivializations** [CM16]. **Truncated** [De 06a, De 06b]. **Tuples** [ABG09].  
**Turán** [HMT10]. **Turbulence** [CMOS13]. **Turing** [Boo06]. **Tutte** [CLP15].  
**twelfth** [Rob00]. **Twenty** [Joh11]. **Twenty-Six** [Joh11]. **Twins** [Shi05].  
**Twist** [Ino13]. **Twist-Spun** [Ino13]. **Twisted**  
 [DFK04, DFJ12, FK10, FK12, PT08, AAC98, Hir00]. **Twists**  
 [Qua06, RS01, RS00]. **Two**  
 [ABL17b, BY13, BW07, CH08b, CLP15, FS10, Geb00, Mac08, RT16, Sch07,  
 Sil17, ST02b, Wik03, BN97, BSTV93, BÁ00, Mil00, RS98, Wil02].  
**Two-Dimensional** [BW07, Sch07]. **Two-Distance** [BY13]. **Two-Sheeted**  
 [ST02b]. **two-torus** [BÁ00]. **Two-Variable** [CLP15]. **Type** [Alv08,  
 BNHLR11, Gui03, Gui12, KR15, MS01, Nil03, PPS09, BR17, CNJ96, GM18].  
**Types** [EL14, HS13, HdC02].

**Ulam** [PZHC09, Ste17]. **unicorns** [KK97]. **Unicycle** [LT09]. **Uniform**  
 [GLP16]. **Uniformization** [Der15]. **Uniformly** [HRSS17]. **Unipotent**  
 [Sin15, GM99]. **Unique** [BP15, KS08]. **Unit**  
 [BGKMI01, CFH<sup>+</sup>15, LPU11, Muk17]. **unitary** [KSV97]. **Units**  
 [Bir14, LSY03, Tha08, Sil95, Ste93]. **Unity** [GHY13]. **Universal**  
 [BHP12, Kat14, Kus09, RSSS13]. **Universally** [CCEK07]. **unknottedness**  
 [DH97]. **Upper** [DE93, HP18, PZ04, Dre93]. **Using** [CM16, GG03, HLLM15,  
 Kid04, Roe07, XKA14, BPW95, CPS<sup>+</sup>01, HWW05, MPR94].

**valeurs** [DO99]. **Valuation** [AMM08, CGM15]. **Valued** [GdlI07]. **Values**  
 [BK12, BP01, Dok04, FK10, FK12, GMRST14, GJU12, Kat05, Kat10a, KL16,  
 McN17, Ots15, PT08, Qua06, BDM<sup>+</sup>18, BBK01, Boy98, DO99, Hir00].  
**Vanishing** [DFK04, BM00]. **Variable** [CLP15]. **Variables**  
 [CC07, SSS03, Xu04]. **Variation** [CT14]. **variations** [BtR96, Sze98].  
**Varieties**  
 [AB09, ALP<sup>+</sup>11, CM13, CLT06, EF18, FGK<sup>+</sup>16, GM18, PR17a, BG99, Hun00].  
**Variety** [OS16, Sca09, GM99]. **Vassiliev** [Wil02]. **Vector**

- [KK12, SSS03, Guc95]. **Veech** [Sch04]. **Veering** [HIS16]. **Verification** [HP13, JRS03]. **Verified** [HIK<sup>+</sup>16]. **Veronese** [AB09]. **versal** [Ste95]. **Version** [ADDW18, BY12, BJP94]. **versus** [GMSB96, KKT09]. **vertex** [BL00]. **Vertices** [DD03b]. **Very** [ADDW18, LM17b]. **VI** [MR10]. **via** [Adz17, BS99, CD09, DHST08, HMM98, HMM99, Hen18, JLY16, MTC14, NT15, PS92]. **View** [KK12]. **Views** [KY17]. **Virtual** [BNHLR11]. **virtually** [But05]. **Visualizing** [CM00, Muk17, RS05]. **vol** [Ano00, Ano03a, Ano03b, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano05a, Ano05b, Ano05c, Ano05d, Ano06a, Ano06b, Ano06c, Ano06d, Ano07a, Ano07b, Ano07c, Ano07d, Ano08a, Ano08b, Ano08c, Ano08d, Ano09a, Ano09b, Ano09c, Ano09d, Ano10a, Ano10b, Ano11c]. **Volume** [Hik03, KKT09, KM18, Ano01a, Ano01b, Ano01c, Ano01d, CR99, CRY00, RT00]. **Voronoi** [Opg01].
- W** [CLLM07]. **Waerden** [KP08]. **Walk** [BSW13]. **Walks** [Ban06, BKN<sup>+</sup>12, OS14]. **Waring** [Chi04]. **Wave** [AL03]. **waveforms** [HR92a]. **wavelets** [CPS<sup>+</sup>01, JRS92]. **Waves** [LN10]. **Way** [SZ06]. **Weak** [BS12, CMOS13, RT16]. **Weakly** [Lee04, Nil03]. **Weber** [FK09]. **Weierstrass** [Tha95]. **Weight** [CKRS06, Hop10, KW08, Tak14, Van17]. **Weighted** [JK01]. **Weil** [Elk01]. **Well** [EVV16]. **Well-Covered** [EVV16]. **Wendt** [FJ93]. **Weyl** [CO02, Hum02]. **Which** [EL09]. **Whitehead** [HMM05, Kap07]. **Whose** [Tha08]. **Width** [GN09]. **Wild** [Cum17]. **Wildly** [Dou05]. **William** [LS02]. **Wirsing** [Har11]. **Without** [CR01, KV17]. **Witt** [BG97]. **Witten** [BB18]. **Word** [CLM13]. **Words** [ERvR15]. **Worked** [Mii04]. **Worth** [Sch09]. **Wronskian** [DPV15].
- Yau** [Die04b]. **years** [PZHC09]. **Yoccoz** [Car03].
- Zagier** [GM08]. **Zariski** [LT18]. **Zero** [HOY12, Wag01, Xu04]. **Zeros** [BFFvdW07, BFM13, Fla08, HLLM15, Mil06, SS06, DF00, Fer92, Fer92]. **Zeta** [BK12, BM15, BH18, BFFvdW07, BFM13, CLP15, Kat05, Kat10a, KL16, Rub13, SW12, BBK01, Mar95]. **Zeta-Like** [KL16]. **Ziegler** [HR14b]. **Zone** [GN09]. **zones** [Goe93]. **Zoo** [CS13, RWW01]. **Zwonek** [ACL18].

## References

Allison:1998:GRH

- [AAC98] Gerald Allison, Avner Ash, and Eric Conrad. Galois representations, Hecke operators, and the mod- $p$  cohomology of  $GL(3, \mathbf{Z})$  with twisted coefficients. *Experimental Mathematics*, 7(4):361–390, 1998. CODEN EMMATH ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674153>.

**Abramson:1998:EBA**

- [AB98] Michael Abramson and Curtis D. Bennett. Enumerating  $A_3(2)$  blueprints, and an application. *Experimental Mathematics*, 7(4):391–398, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674154>.

**Abo:2009:SVS**

- [AB09] Hirotachi Abo and Maria Chiara Brambilla. Secant varieties of Segre–Veronese varieties  $\mathbf{P}^m \times \mathbf{P}^n$  embedded by  $\mathcal{O}(1, 2)$ . *Experimental Mathematics*, 18(3):369–384, 2009. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158472>.

**Arnoux:2011:GMS**

- [ABB11] Pierre Arnoux, Julien Bernat, and Xavier Bressaud. Geometrical models for substitutions. *Experimental Mathematics*, 20(1):97–127, 2011. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924392>.

**Ash:2009:FST**

- [ABG09] Avner Ash, Brandon Bate, and Robert Gross. Frequencies of successive tuples of Frobenius classes. *Experimental Mathematics*, 18(1):55–64, 2009. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430529>.

**Ash:2011:FSP**

- [ABGS11] Avner Ash, Laura Beltis, Robert Gross, and Warren Sinnott. Frequencies of successive pairs of prime residues. *Experimental Mathematics*, 20(4):400–411, 2011. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367154>.

**Ablinger:2017:DPI**

- [Abl17a] Jakob Ablinger. Discovering and proving infinite binomial sums identities. *Experimental Mathematics*, 26(1):62–71, 2017. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic).

**Abram:2017:IMT**

- [ABL17b] William C. Abram, Artem Bolshakov, and Jeffrey C. Lagarias. Intersections of multiplicative translates of 3-adic Cantor sets

II: Two infinite families. *Experimental Mathematics*, 26(4):468–489, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1205532>.

**Appel:1996:NCO**

[ABT96] Matthew J. Appel, Paul S. Bourdon, and John J. Thrall. Norms of composition operators on the Hardy space. *Experimental Mathematics*, 5(2):111–117, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565642>.

**Ash:2007:EPF**

[ABZ07] Avner Ash, Jos Brakenhoff, and Theodore Zarrabi. Equality of polynomial and field discriminants. *Experimental Mathematics*, 16(3):367–374, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928536>.

**Aiello:2001:RGM**

[ACL01] William Aiello, Fan Chung, and Linyuan Lu. A random graph model for power law graphs. *Experimental Mathematics*, 10(1):53–66, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188420>.

**Aahag:2018:CCB**

[ACL18] P. Áhag, R. Czyz, and P. H. Lundow. A counterexample to a conjecture by Blocki–Zwonek. *Experimental Mathematics*, 27(1):119–124, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1230913>.

**Ashton:2011:KTC**

[ACPR11] Ted Ashton, Jason Cantarella, Michael Piatek, and Eric J. Rawdon. Knot tightening by constrained gradient descent. *Experimental Mathematics*, 20(1):57–90, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924390>.

**Alvarez:2003:DBT**

[ACWB03] Miguel Carrión Álvarez, Joseph Corneli, Genevieve Walsh, and Shabnam Beheshti. Double bubbles in the three-torus. *Exper-*

*Experimental Mathematics*, 12(1):79–89, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858785>.

**Andersen:2007:PS**

- [AD07] Jens Kruse Andersen and Harvey Dubner. Pseudoprime statistics to  $10^{19}$ . *Experimental Mathematics*, 16(2):209–214, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905876>.

**Aristotelous:2014:FSG**

- [AD14] Andreas C. Aristotelous and Richard Durrett. Fingering in stochastic growth models. *Experimental Mathematics*, 23(4):465–474, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Arnold:2018:VSV**

- [ADDW18] M. Arnold, T. Dauer, M. Doucette, and S.-C. Wolf. On a very steep version of the standard map. *Experimental Mathematics*, 27(1):93–99, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1226993>.

**Adzaga:2017:ACF**

- [Adz17] Nikola Adzaga. Automated conjecturing of Frobenius numbers via grammatical evolution. *Experimental Mathematics*, 26(2):247–252, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1175393>.

**Ameur:2008:TEQ**

- [AER<sup>+</sup>08] Kheira Ameur, Mohamed Elhamdadi, Tom Rose, Masahico Saito, and Chad Smudde. Tangle embeddings and Quandle cocycle invariants. *Experimental Mathematics*, 17(4):487–498, 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429961>.

**Antunes:2006:NBP**

- [AF06] Pedro Antunes and Pedro Freitas. New bounds for the principal Dirichlet eigenvalue of planar regions. *Experimental Mathematics*, 15(3):333–342, 2006. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789762>.

**Arnone:2017:NDB**

- [AFMS17] Stefano Arnone, Corrado Falcolini, Francesco Moauro, and Matteo Siccardi. On numbers in different bases: Symmetries and a conjecture. *Experimental Mathematics*, 26(2):197–209, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1149125>.

**Almkvist:1999:BBA**

- [AG99] Gert Almkvist and Andrew Granville. Borwein and Bradley's Apéry-like formulae for  $\zeta(4n + 3)$ . *Experimental Mathematics*, 8(2):197–203, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477060>.

**Almkvist:2012:RLS**

- [AG12] Gert Almkvist and Jesús Guillera. Ramanujan-like series for  $1/\pi^2$  and string theory. *Experimental Mathematics*, 21(3):223–234, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Agashe:2013:CCO**

- [Aga13] Amod Agashe. Conjectures concerning the orders of the torsion subgroup, the arithmetic component groups, and the cuspidal subgroup. *Experimental Mathematics*, 22(4):363–366, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Alpan:2018:APJ**

- [AGS18] Gökalp Alpan, Alexander Goncharov, and Ahmet Nihat Simsek. Asymptotic properties of Jacobi matrices for a family of fractal measures. *Experimental Mathematics*, 27(1):10–21, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1209710>.

**Aicardi:2004:NPB**

- [Aic04] Francesca Aicardi. On the number of perfect binary quadratic forms. *Experimental Mathematics*, 13(4):451–457, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106437>.

**Alseda:2008:LBM**

- [AJK08] Lluís Alseda, David Juher, and Deborah M. King. A lower bound for the maximum topological entropy of  $(4k + 2)$ -cycles. *Experimental Mathematics*, 17(4):391–408, 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429953>.

**Amerik:2016:EDB**

- [AKN<sup>+</sup>16] Ekaterina Amerik, Pär Kurlberg, Khoa D. Nguyen, Adam Towsley, Bianca Viray, and José Felipe Voloch. Evidence for the dynamical Brauer–Manin criterion. *Experimental Mathematics*, 25(1):54–65, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Almkvist:2003:SNF**

- [AKP03] Gert Almkvist, Christian Krattenthaler, and Joakim Petersson. Some new formulas for  $\pi$ . *Experimental Mathematics*, 12(4):441–456, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568020>.

**Applegate:1995:DT**

- [AL95] David Applegate and Jeffrey C. Lagarias. The distribution of  $3x + 1$  trees. *Experimental Mathematics*, 4(3):193–209, 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621078>.

**Asch:2003:SDW**

- [AL03] Mark Asch and Gilles Lebeau. The spectrum of the damped wave operator for a bounded domain in  $\mathbf{R}^2$ . *Experimental Mathematics*, 12(2):227–241, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634733>.

**Allcock:2005:OLL**

- [All05] Daniel Allcock. Orbits in the Leech lattice. *Experimental Mathematics*, 14(4):491–509, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926978>.

**Almkvist:1998:AFG**

- [Alm98] Gert Almkvist. Asymptotic formulas and generalized Dedekind sums. *Experimental Mathematics*, 7(4):343–359, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674152>.

**Almkvist:2002:PPF**

- [Alm02] G. Almkvist. Partitions with parts in a finite set and with parts outside a finite set. *Experimental Mathematics*, 11(4):449–456, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864654>.

**Alperin:1998:PTG**

- [Alp98] Roger C. Alperin. Platonic triangles of groups. *Experimental Mathematics*, 7(3):191–219, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674204>.

**Atanasov:2011:RTV**

- [ALP<sup>+</sup>11] Atanas Atanasov, Christopher Lopez, Alexander Perry, Nicholas Proudfoot, and Michael Thaddeus. Resolving toric varieties with Nash blowups. *Experimental Mathematics*, 20(3):288–303, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924422>.

**Alexeev:2012:ETM**

- [ALT<sup>+</sup>12] Valery Alexeev, Ryan Livingston, Joseph Tenini, Maxim Arap, Xiaoyan Hu, Lauren Huckaba, Patrick McFaddin, Stacy Musgrave, Jaeho Shin, and Catherine Ulrich. Extended Torelli map to the Igusa blowup in genus 6, 7, and 8. *Experimental Mathematics*, 21(2):193–203, 2012. CODEN 2012 ISSN 1058-6458 (print), 1944-950X (electronic).

**Aluffi:2015:DPR**

- [Alu15] Paolo Aluffi. Degrees of projections of rank loci. *Experimental Mathematics*, 24(4):469–488, 2015. CODEN 2015 ISSN 1058-6458 (print), 1944-950X (electronic).

**Alvis:2008:SAH**

- [Alv08] Dean Alvis. Subrings of the asymptotic Hecke algebra of type  $H_4$ . *Experimental Mathematics*, 17(3):375–383, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic).



DEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121390>.

**Ash:1992:EIT**

- [AM92] Avner Ash and Mark McConnell. Experimental indications of three-dimensional Galois representations from the cohomology of  $SL(3, \mathbf{Z})$ . *Experimental Mathematics*, 1(3):209–223, ??? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622024>.

**Abbott:2001:HTH**

- [AM01] John Abbott and Thom Mulders. How tight is Hadamard's bound? *Experimental Mathematics*, 10(3):331–336, ??? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786341>.

**Amendola:2008:DET**

- [Ame08] Gennaro Amendola. Decomposition and enumeration of triangulated surfaces. *Experimental Mathematics*, 17(2):153–166, ??? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118968>.

**Amdeberhan:2008:AVS**

- [AMM08] Tewodros Amdeberhan, Dante Manna, and Victor H. Moll. The 2-adic valuation of Stirling numbers. *Experimental Mathematics*, 17(1):69–82, ??? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031898>.

**Anonymous:1992:ME**

- [Ano92] Anonymous. Message from the editors. *Experimental Mathematics*, 1(3):??, ??? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622021>.

**Anonymous:1997:ENP**

- [Ano97] Anonymous. Editors' note on "Packing lines, planes, etc.: packings in Grassmannian spaces". *Experimental Mathematics*, 6(2):175–??, ??? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047650003>.

**Anonymous:2000:REM**

- [Ano00] Anonymous. To the reader, Experiment. Math., vol. 9, iss. 1 (2000). *Experimental Mathematics*, 9(1):1, ??? 2000. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889586>.

**Anonymous:2001:MBPa**

- [Ano01a] Anonymous. Miscellaneous back pages, Experiment. Math., volume 10, number 3 (2001). *Experimental Mathematics*, 10(3):??, ??? 2001. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786353>.

**Anonymous:2001:MBPb**

- [Ano01b] Anonymous. Miscellaneous back pages, Experiment. Math., volume 10, number 4 (2001). *Experimental Mathematics*, 10(4):??, ??? 2001. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069862465>.

**Anonymous:2001:MFPa**

- [Ano01c] Anonymous. Miscellaneous front pages, Experiment. Math., volume 10, number 3 (2001). *Experimental Mathematics*, 10(3):??, ??? 2001. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786339>.

**Anonymous:2001:MFPb**

- [Ano01d] Anonymous. Miscellaneous front pages, Experiment. Math., volume 10, number 4 (2001). *Experimental Mathematics*, 10(4):??, ??? 2001. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855246>.

**Anonymous:2003:TCEa**

- [Ano03a] Anonymous. Table of contents, Exp. Math., vol. 12, no. 3 (2003). *Experimental Mathematics*, 12(3):??, ??? 2003. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329228>.

**Anonymous:2003:TCEb**

- [Ano03b] Anonymous. Table of contents, Exp. Math., vol. 12, no. 4 (2003). *Experimental Mathematics*, 12(4):??, ??? 2003. CODEN ???

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568014>.

**Anonymous:2004:ESEa**

- [Ano04a] Anonymous. Editorial staff, exp. math., vol. 13, no. 1 (2004). *Experimental Mathematics*, 13(1):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894085>.

**Anonymous:2004:ESEb**

- [Ano04b] Anonymous. Editorial staff, exp. math., vol. 13, no. 2 (2004). *Experimental Mathematics*, 13(2):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350927>.

**Anonymous:2004:TCEa**

- [Ano04c] Anonymous. Table of contents, Exp. Math., vol. 13, no. 1 (2004). *Experimental Mathematics*, 13(1):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894084>.

**Anonymous:2004:TCEb**

- [Ano04d] Anonymous. Table of contents, Exp. Math., vol. 13, no. 2 (2004). *Experimental Mathematics*, 13(2):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350926>.

**Anonymous:2004:TCEc**

- [Ano04e] Anonymous. Table of contents, Exp. Math., vol. 13, no. 3 (2004). *Experimental Mathematics*, 13(3):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749832>.

**Anonymous:2004:TCEd**

- [Ano04f] Anonymous. Table of contents, Exp. Math., vol. 13, no. 4 (2004). *Experimental Mathematics*, 13(4):??, ??? 2004. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106430>.

**Anonymous:2005:TCEa**

- [Ano05a] Anonymous. Table of contents, Exp. Math., vol. 14, no. 1 (2005). *Experimental Mathematics*, 14(1):??, ??? 2005. CODEN ???

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145564>.

**Anonymous:2005:TCEb**

- [Ano05b] Anonymous. Table of contents, Exp. Math., vol. 14, no. 2 (2005). *Experimental Mathematics*, 14(2):??, ??? 2005. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100124>.

**Anonymous:2005:TCEc**

- [Ano05c] Anonymous. Table of contents, Exp. Math., vol. 14, no. 3 (2005). *Experimental Mathematics*, 14(3):??, ??? 2005. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371750>.

**Anonymous:2005:TCEd**

- [Ano05d] Anonymous. Table of contents, Exp. Math., vol. 14, no. 4 (2005). *Experimental Mathematics*, 14(4):??, ??? 2005. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926968>.

**Anonymous:2006:TCEa**

- [Ano06a] Anonymous. Table of contents, Exp. Math., vol. 15, no. 1 (2006). *Experimental Mathematics*, 15(1):??, ??? 2006. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476897>.

**Anonymous:2006:TCEb**

- [Ano06b] Anonymous. Table of contents, Experiment. Math., vol. 15, no. 2 (2006). *Experimental Mathematics*, 15(2):??, ??? 2006. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789735>.

**Anonymous:2006:TCEc**

- [Ano06c] Anonymous. Table of contents, Experiment. Math., vol. 15, no. 3 (2006). *Experimental Mathematics*, 15(3):??, ??? 2006. CODEN ??? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789757>.

**Anonymous:2006:TCEd**

- [Ano06d] Anonymous. Table of contents, Experiment. Math., vol. 15, no. 4 (2006). *Experimental Mathematics*, 15(4):??, ??? 2006. CO-

DEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789774>.

**Anonymous:2007:TCEa**

[Ano07a] Anonymous. Table of contents, Experiment. Math., vol. 16, no. 1 (2007). *Experimental Mathematics*, 16(1):??, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789796>.

**Anonymous:2007:TCEb**

[Ano07b] Anonymous. Table of contents, Experiment. Math., vol. 16, no. 2 (2007). *Experimental Mathematics*, 16(2):??, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905870>.

**Anonymous:2007:TCEc**

[Ano07c] Anonymous. Table of contents, Experiment. Math., vol. 16, no. 3 (2007). *Experimental Mathematics*, 16(3):??, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928527>.

**Anonymous:2007:TCEd**

[Ano07d] Anonymous. Table of contents, Experiment. Math., vol. 16, no. 4 (2007). *Experimental Mathematics*, 16(4):??, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836511>.

**Anonymous:2008:TCEa**

[Ano08a] Anonymous. Table of contents, Experiment. Math., vol. 17, no. 1 (2008). *Experimental Mathematics*, 17(1):??, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031892>.

**Anonymous:2008:TCEb**

[Ano08b] Anonymous. Table of contents, Experiment. Math., vol. 17, no. 2 (2008). *Experimental Mathematics*, 17(2):??, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118965>.

**Anonymous:2008:TCEc**

[Ano08c] Anonymous. Table of contents, Experiment. Math., vol. 17, no. 3 (2008). *Experimental Mathematics*, 17(3):??, ???? 2008. CO-

DEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121380>.

**Anonymous:2008:TCEd**

[Ano08d] Anonymous. Table of contents, Experiment. Math., vol. 17, no. 4 (2008). *Experimental Mathematics*, 17(4):??, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429951>.

**Anonymous:2009:TCEa**

[Ano09a] Anonymous. Table of contents, Experiment. Math., vol. 18, no. 1 (2009). *Experimental Mathematics*, 18(1):??, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430525>.

**Anonymous:2009:TCEb**

[Ano09b] Anonymous. Table of contents, Experiment. Math., vol. 18, no. 2 (2009). *Experimental Mathematics*, 18(2):??, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158424>.

**Anonymous:2009:TCEc**

[Ano09c] Anonymous. Table of contents, Experiment. Math., vol. 18, no. 3 (2009). *Experimental Mathematics*, 18(3):??, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158464>.

**Anonymous:2009:TCEd**

[Ano09d] Anonymous. Table of contents, Experiment. Math., vol. 18, no. 4 (2009). *Experimental Mathematics*, 18(4):??, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158503>.

**Anonymous:2010:TCEa**

[Ano10a] Anonymous. Table of contents, Experiment. Math., vol. 19, no. 1 (2010). *Experimental Mathematics*, 19(1):??, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404800>.

**Anonymous:2010:TCEb**

[Ano10b] Anonymous. Table of contents, Experiment. Math., vol. 19, no. 2 (2010). *Experimental Mathematics*, 19(2):??, ???? 2010. CO-

DEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784784>.

**Anonymous:2011:C**

[Ano11a] Anonymous. Corrigendum. *Experimental Mathematics*, 20(3): 371–??, ????. 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924427>.

**Anonymous:2011:EBE**

[Ano11b] Anonymous. Editorial Board EO. *Experimental Mathematics*, 20(4):ebi–??, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2011:MBE**

[Ano11c] Anonymous. Miscellaneous backmatter, Experiment. Math., vol. 20, no. 4 (2011). *Experimental Mathematics*, 20(4):??, ????. 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367160>.

**Anonymous:2012:C**

[Ano12a] Anonymous. Corrigendum. *Experimental Mathematics*, 21(4): 418, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2012:EBE**

[Ano12b] Anonymous. Editorial Board EO. *Experimental Mathematics*, 21(4):ebi, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2013:EEB**

[Ano13] Anonymous. EO editorial board. *Experimental Mathematics*, 22(4):ebi, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2014:EBE**

[Ano14] Anonymous. Editorial board EO. *Experimental Mathematics*, 23(4):ebi, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2015:EBE**

[Ano15] Anonymous. Editorial board EO. *Experimental Mathematics*, 24(4):506, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Anonymous:2017:EBE**

- [Ano17] Anonymous. Editorial board EOJ. *Experimental Mathematics*, 26(4):??, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1356170>.

**Ash:2004:EAC**

- [APS04] Avner Ash, David Pollack, and Dayna Soares.  $SL_3(F_2)$ -Extensions of  $\mathbb{Q}$  and arithmetic cohomology modulo 2. *Experimental Mathematics*, 13(3):297–307, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749838>.

**Aitchison:1997:GSK**

- [AR97] Iain R. Aitchison and J. Hyam Rubinstein. Geodesic surfaces in knot complements. *Experimental Mathematics*, 6(2):137–150, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047650000>.

**Alderson:2012:CEC**

- [AR12] Matthew W. Alderson and Michael O. Rubinstein. Conjectures and experiments concerning the moments of  $L(1/2, \chi_d)$ . *Experimental Mathematics*, 21(3):307–328, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Arai:2007:HPH**

- [Ara07] Zin Arai. On hyperbolic plateaus of the Hénon map. *Experimental Mathematics*, 16(2):181–188, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905874>.

**Abrahamsen:2011:AEL**

- [ArE11] Mikkel Abrahamsen and Søren ren Eilers. On the asymptotic enumeration of LEGO structures. *Experimental Mathematics*, 20(2):145–152, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924406>.

**Alexandersson:2012:DSG**

- [AS12] Per Alexandersson and Boris Shapiro. Discriminants, symmetrized graph monomials, and sums of squares. *Experimen-*



*tal Mathematics*, 21(4):353–361, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Ahmed:2016:GSN**

- [AS16] Tanbir Ahmed and Daniel J. Schaal. On generalized Schur numbers. *Experimental Mathematics*, 25(2):213–218, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ayyer:2017:SGR**

- [AST17] Arvind Ayyer, Anne Schilling, and Nicolas M. Thiéry. Spectral gap for random-to-random shuffling on linear extensions. *Experimental Mathematics*, 26(1):22–30, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ahara:2000:CCH**

- [AT00] Kazushi Ahara and Mitsuhiro Takasawa. Conjugacy classes of the hyperelliptic mapping class group of genus 2 and 3. *Experimental Mathematics*, 9(3):383–396, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604673>.

**Avelin:2010:CGF**

- [Ave10a] Helen Avelin. Computations of Green’s function and its Fourier coefficients on Fuchsian groups. *Experimental Mathematics*, 19(3):317–334, 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758094>.

**Avelin:2010:NCG**

- [Ave10b] Helen Avelin. Numerical computations of Green’s function and its Fourier coefficients on  $\mathrm{PSL}(2, \mathbf{Z})$ . *Experimental Mathematics*, 19(3):335–343, 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758095>.

**Briggs:2000:SMT**

- [BÁ00] Keith M. Briggs and Gonzalo Álvarez. Scaling in a map of the two-torus. *Experimental Mathematics*, 9(2):301–307, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952353>.

**Bivia-Ausina:2002:MED**

- [BA02] Carles Bivià-Ausina. A method to estimate the degree of  $C^0$ -Sufficiency of analytic functions. *Experimental Mathematics*, 11(1):81–85, 2002. CODEN 2002. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860316>.

**Badziahin:2016:CIL**

- [Bad16] Dzmitry Badziahin. Computation of the infimum in the Littlewood conjecture. *Experimental Mathematics*, 25(1):100–105, 2016. CODEN 2016. ISSN 1058-6458 (print), 1944-950X (electronic).

**Bailey:2017:JBEB**

- [Bai17] David H. Bailey. Jonathan Borwein: Experimental mathematician. *Experimental Mathematics*, 26(2):125–129, 2017. CODEN 2017. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1284625>.

**Banagl:2006:CRW**

- [Ban06] Markus Banagl. Combinatorial random walks on 3-manifolds. *Experimental Mathematics*, 15(3):367–381, 2006. CODEN 2006. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789765>.

**Baragar:2006:FBE**

- [Bar06] Arthur Baragar. Fractals and the base eigenvalue of the Laplacian on certain noncompact surfaces. *Experimental Mathematics*, 15(1):33–42, 2006. CODEN 2006. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476901>.

**Baxa:2002:SRD**

- [Bax02] Christoph Baxa. Some remarks on the distribution of a sequence connected with  $\zeta(\frac{1}{2})$ . *Experimental Mathematics*, 11(4):465–468, 2002. CODEN 2002. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864656>.

**Bachoc:1992:EAR**

- [BB92] Christine Bachoc and Christian Batut. Étude algorithmique de réseaux construits avec la forme trace. (French) [Algorithmic study of lattices constructed with the trace from]. *Experimental Mathematics*, 1(3):183–190, 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622022>.

**Bergeron:1993:RGS**

- [BB93] Nantel Bergeron and Sara Billey. RC-graphs and Schubert polynomials. *Experimental Mathematics*, 2(4):257–269, 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516036>.

**Borwein:1997:EDA**

- [BB97] Jonathan Borwein and David Bradley. Empirically determined Apéry-like formulae for  $\zeta(4n + 3)$ . *Experimental Mathematics*, 6(3):181–194, 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920419>.

**Bailey:2018:CEE**

- [BB18] D. H. Bailey and J. M. Borwein. Computation and experimental evaluation of Mordell–Tornheim–Witten sum derivatives. *Experimental Mathematics*, 27(3):370–376, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1295687>.

**Bailey:2006:EDA**

- [BBB06] David H. Bailey, Jonathan M. Borwein, and David M. Bradley. Experimental determination of Apéry-like identities for  $\zeta(2n+2)$ . *Experimental Mathematics*, 15(3):281–289, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789759>.

**Bailey:2007:HFI**

- [BBBC07] D. H. Bailey, D. Borwein, J. M. Borwein, and R. E. Crandall. Hypergeometric forms for Ising-class integrals. *Experimental Mathematics*, 16(3):257–276, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928528>.

**Bailey:2017:RCS**

- [BBBR17] David H. Bailey, Jonathan M. Borwein, Richard P. Brent, and Mohsen Reisi. Reproducibility in computational science: A case study: Randomness of the digits of pi. *Experimental Mathematics*, 26(3):298–305, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1163755>. See reply [Gan17].

**Bailey:2009:RQR**

- [BBC09a] D. H. Bailey, J. M. Borwein, and R. E. Crandall. Resolution of the Quinn–Rand–Strogatz constant of nonlinear physics. *Experimental Mathematics*, 18(1):107–116, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430534>.

**Ballinger:2009:ESE**

- [BBC<sup>+</sup>09b] Brandon Ballinger, Grigoriy Blekherman, Henry Cohn, Noah Giansiracusa, Elizabeth Kelly, and Achill Schürmann. Experimental study of energy-minimizing point configurations on spheres. *Experimental Mathematics*, 18(3):257–283, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158465>.

**Bailey:2012:EAN**

- [BBC<sup>+</sup>12] David H. Bailey, Jonathan M. Borwein, Cristian S. Calude, Michael J. Dinneen, Monica Dumitrescu, and Alex Yee. An empirical approach to the normality of  $\pi$ . *Experimental Mathematics*, 21(4):375–384, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Barker:2012:NBG**

- [BBF12] Nathan Barker, Nigel Boston, and Ben Fairbairn. A note on Beauville  $p$ -groups. *Experimental Mathematics*, 21(3):298–306, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bailey:1994:EEE**

- [BBG94] David H. Bailey, Jonathan M. Borwein, and Roland Girgensohn. Experimental evaluation of Euler sums. *Experimental Mathematics*, 3(1):17–30, ???? 1994. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621000>.

**Brumbaugh:2013:GNS**

- [BBG<sup>+</sup>13] J. L. Brumbaugh, Madeleine Bulkow, Luis Alberto Garcia German, Stephan Ramon Garcia, Matt Michal, and Andrew P. Turner. The graphic nature of the symmetric group. *Experimental Mathematics*, 22(4):421–442, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Borwein:2001:CBS**

- [BBK01] Jonathan Michael Borwein, David J. Broadhurst, and Joel Kamnitzer. Central binomial sums, multiple Clausen values, and zeta values. *Experimental Mathematics*, 10(1):25–34, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://arxiv.org/abs/hep-th/0004153>; <http://projecteuclid.org/euclid.em/999188418>.

**Bailey:2017:CDA**

- [BBKL17] David H. Bailey, Jonathan M. Borwein, Jason S. Kimberley, and Watson Ladd. Computer discovery and analysis of large Poisson polynomials. *Experimental Mathematics*, 26(3):349–363, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1180565>.

**Bartholdi:2015:ACH**

- [BBvBK15] Laurent Bartholdi, Xavier Buff, Hans-Christian Graf von Bothmer, and Jakob Kröker. Algorithmic construction of Hurwitz maps. *Experimental Mathematics*, 24(1):76–92, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Borner:2017:FEF**

- [BBW17] Michel Börner, Irene I. Bouw, and Stefan Wewers. The functional equation for  $L$ -functions of hyperelliptic curves. *Experimental Mathematics*, 26(4):396–411, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1189860>.

**Buckingham:1998:TBP**

- [BC98] David J. Buckingham and Paul B. Callahan. Tight bounds on periodic cell configurations in life. *Experimental Mathematics*, 7(3):221–241, ???? 1998. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674205>.

**Borwein:1999:CPC**

- [BC99] Peter Borwein and Kwok-Kwong Stephen Choi. On cyclotomic polynomials with  $\pm 1$  coefficients. *Experimental Mathematics*, 8(4):399–407, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262361>.

**Borwein:2000:R**

- [BC00] Jonathan Borwein and Kwok-Kwong Stephen Choi. On the representations of  $xy + yz + zx$ . *Experimental Mathematics*, 9(1):153–158, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889597>.

**Bailey:2001:RCF**

- [BC01] David H. Bailey and Richard E. Crandall. On the random character of fundamental constant expansions. *Experimental Mathematics*, 10(2):175–190, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188630>.

**Bailey:2002:RGN**

- [BC02] David H. Bailey and Richard E. Crandall. Random generators and normal numbers. *Experimental Mathematics*, 11(4):527–546, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864662>.

**Borwein:2004:RAFb**

- [BC04] J. Borwein and R. Crandall. On the Ramanujan AGM fraction, II: The complex-parameter case. *Experimental Mathematics*, 13(3):287–295, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749837>.

**Borwein:2010:HDB**

- [BCC10] Jonathan M. Borwein, O-Yeat Chan, and R. E. Crandall. Higher-dimensional box integrals. *Experimental Mathematics*, 19(4):431–446, 2010. CODEN 2010 ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758103>.

**Borwein:2004:RAFa**

- [BCF04] J. Borwein, R. Crandall, and G. Fee. On the Ramanujan AGM fraction, I: The real-parameter case. *Experimental Mathematics*, 13(3):275–285, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749836>.

**Butler:2010:FPA**

- [BCG10] Steve Butler, Kevin P. Costello, and Ron Graham. Finding patterns avoiding many monochromatic constellations. *Experimental Mathematics*, 19(4):399–411, 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758100>.

**Baumslag:2004:EIG**

- [BCH04] Gilbert Baumslag, Sean Cleary, and George Havas. Experimenting with infinite groups, I. *Experimental Mathematics*, 13(4):495–502, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106441>.

**Benedetto:2014:SDH**

- [BCH<sup>+</sup>14] Robert L. Benedetto, Ruqian Chen, Trevor Hyde, Yordanka Kovacheva, and Colin White. Small dynamical heights for quadratic polynomials and rational functions. *Experimental Mathematics*, 23(4):433–447, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Baeza:2001:HCQ**

- [BCIO01] Ricardo Baeza, Renaud Coulangeon, Maria Ines Icaza, and Manuel O’Ryan. Hermite’s constant for quadratic number fields. *Experimental Mathematics*, 10(4):543–552, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855254>.

**Borwein:2017:CLA**

- [BCLM17] Jonathan M. Borwein, Neil J. Calkin, Scott B. Lindstrom, and Andrew Mattingly. Continued logarithms and associated continued fractions. *Experimental Mathematics*, 26(4):412–429, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X

(electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1195307>.

**Benito:2002:ASE**

- [BCVZ02] Manuel Benito, Wolfgang Creyaufmüller, Juan L. Varona, and Paul Zimmermann. Aliquot sequence 3630 ends after reaching 100 digits. *Experimental Mathematics*, 11(2):201–206, 2002. CODEN 2002. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621215>.

**Borwein:2009:CCI**

- [BD09] Jonathan M. Borwein and Keith J. Devlin. *The computer as crucible: an introduction to experimental mathematics*. A. K. Peters, Ltd., Wellesley, MA, USA, 2009. ISBN 1-56881-343-0. xi + 158 pp. LCCN QA8.7 .B67 2009. URL <http://www.loc.gov/catdir/toc/fy0904/2008022180.html>. With illustrations by Karl H. Hofmann.

**Baur:2007:SDM**

- [BDdG07] Karin Baur, Jan Draisma, and Willem A. de Graaf. Secant dimensions of minimal orbits: Computations and conjectures. *Experimental Mathematics*, 16(2):239–251, 2007. CODEN 2007. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905879>.

**Booche:2009:SLF**

- [BDHZ09] Adam Booche, Jay Daigle, Jim Hoste, and Wenjing Zheng. Sampling Lissajous and Fourier knots. *Experimental Mathematics*, 18(4):481–497, 2009. CODEN 2009. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158509>.

**Buekenhout:1996:AGM**

- [BDL96] Francis Buekenhout, Michel Dehon, and Dimitri Leemans. All geometries of the Mathieu group  $M_{11}$  based on maximal subgroups. *Experimental Mathematics*, 5(2):101–110, 1996. CODEN 1996. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565641>.

**Bonifant:2007:ECA**

- [BDM07] Araceli Bonifant, Marius Dabija, and John Milnor. Elliptic curves as attractors in  $\mathbf{P}^2$ , Part 1: Dynamics. *Experimental Mathematics*, 16(4):385–420, 2007. CODEN 2007.



ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836512>.

**Bergstrom:2018:ECS**

- [BDM<sup>+</sup>18] Jonas Bergström, Neil Dummigan, Thomas Mégarbané, Tomoyoshi Ibukiyama, and Hidenori Katsurada. Eisenstein congruences for  $SO(4, 3)$ ,  $SO(4, 4)$ , spinor, and triple product  $L$ -values. *Experimental Mathematics*, 27(2):230–250, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1251861>.

**Brambilla:2016:ECB**

- [BDP16] Maria Chiara Brambilla, Olivia Dumitrescu, and Elisa Post-inghel. On the effective cone of blown-up at  $n + 3$  points. *Experimental Mathematics*, 25(4):452–465, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bright:2016:MEP**

- [BDS16] Curtis Bright, Raymond Devillers, and Jeffrey Shallit. Minimal elements for the prime numbers. *Experimental Mathematics*, 25(3):321–331, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Burton:2018:CPT**

- [BDSS18] Benjamin A. Burton, Basudeb Datta, Nitin Singh, and Jonathan Spreer. A construction principle for tight and minimal triangulations of manifolds. *Experimental Mathematics*, 27(1):22–36, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1212747>.

**Bohm:2012:DSA**

- [BEN12] Janko Böhm, David Eisenbud, and Max J. Nitsche. Decomposition of semigroup algebras. *Experimental Mathematics*, 21(4):385–394, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Bertrand:1995:PRS**

- [Ber95] Daniel Bertrand. Points rationnels sur les sous-groupes compacts des groupes algébriques. *Experimental Mathematics*, 4(2):145–151, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931623>.

**Berg:2017:FFS**

- [Ber17] Christian Berg. On a family of functions studied by Bhatia and Jain. *Experimental Mathematics*, 26(2):241–246, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1159624>.

**Beck:2003:SER**

- [BEZ03] Matthias Beck, David Einstein, and Shelemyahu Zacks. Some experimental results on the Frobenius problem. *Experimental Mathematics*, 12(3):263–270, ???? 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329230>.

**Bressaud:2016:CB**

- [BF16] Xavier Bressaud and Marie-Claire Fournier. Casse-briques. *Experimental Mathematics*, 25(4):357–378, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Borwein:2007:ZPS**

- [BFFvdW07] Peter Borwein, Greg Fee, Ron Ferguson, and Alexa van der Waal. Zeros of partial sums of the Riemann zeta function. *Experimental Mathematics*, 16(1):21–40, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789799>.

**Bergeron:2013:LRR**

- [BFG<sup>+</sup>13] Nicolas Bergeron, Elisha Falbel, Antonin Guilloux, Pierre-Vincent Koseleff, and Fabrice Rouillier. Local rigidity for  $\mathrm{PGL}(3, \mathbf{C})$ -representations of 3-manifold groups. *Experimental Mathematics*, 22(4):410–420, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Blank:1992:KMC**

- [BFK<sup>+</sup>92] Brian E. Blank, Da Shan Fan, David Klein, Steven G. Krantz, Daowei Ma, and Myung-Yull Pang. The Kobayashi metric of a complex ellipsoid in  $\mathbf{C}^2$ . *Experimental Mathematics*, 1(1):47–55, ???? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709115>.

**Bruggeman:2013:PZS**

- [BFM13] Roelof Bruggeman, Markus Fraczek, and Dieter Mayer. Perturbation of zeros of the Selberg zeta function for  $\Gamma_0(4)$ . *Experimental Mathematics*, 22(3):217–242, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Billey:2016:CRP**

- [BFT16] Sara Billey, Matthew Fahrback, and Alan Talmage. Coefficients and roots of peak polynomials. *Experimental Mathematics*, 25(2):165–175, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bruner:1995:BLC**

- [BG95] Robert Bruner and John Greenlees. The Bredon–Löffler conjecture. *Experimental Mathematics*, 4(4):289–297, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674389>.

**Bayer:1997:HWI**

- [BG97] Pilar Bayer and Josep González. On the Hasse–Witt invariants of modular curves. *Experimental Mathematics*, 6(1):57–76, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565284>.

**Benedetto:1999:TRC**

- [BG99] Robert L. Benedetto and William M. Goldman. The topology of the relative character varieties of a quadruply-punctured sphere. *Experimental Mathematics*, 8(1):85–103, ???? 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477115>.

**Breimer:2001:HRS**

- [BGKMI01] Eric Breimer, Mark Goldberg, Brian Kolstad, and Malik Magdon-Ismael. On the height of a random set of points in a  $d$ -dimensional unit cube. *Experimental Mathematics*, 10(4):583–598, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855258>.

**Boyer:2005:EME**

- [BGKT05] Charles P. Boyer, Krzysztof Galicki, János Kollár, and Evan Thomas. Einstein metrics on exotic spheres in dimensions 7,

11, and 15. *Experimental Mathematics*, 14(1):59–64, 2005. CODEN 2222 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145570>.

**Buhler:2006:PRM**

[BGM06] Joe Buhler, Daniel Goldstein, David Moews, and Joel Rosenberg. The probability that a random monic  $p$ -adic polynomial splits. *Experimental Mathematics*, 15(1):21–32, 2006. CODEN 2222 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476900>.

**Bobenko:2001:CSC**

[BH01] Alexander I. Bobenko and Tim Hoffmann. Conformally symmetric circle packings: a generalization of Doyle’s spirals. *Experimental Mathematics*, 10(1):141–150, 2001. CODEN 2222 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188429>.

**Bremner:2004:INA**

[BH04] Murray Bremner and Irvin Hentzel. Invariant nonassociative algebra structures on irreducible representations of simple Lie algebras. *Experimental Mathematics*, 13(2):231–256, 2004. CODEN 2222 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350937>.

**Baig:2012:EDG**

[BH12] Salman Baig and Chris Hall. Experimental data for Goldfeld’s Conjecture over function fields. *Experimental Mathematics*, 21(4):362–374, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Bober:2018:NCR**

[BH18] Jonathan W. Bober and Ghaith A. Hiary. New computations of the Riemann zeta function on the critical line. *Experimental Mathematics*, 27(2):125–137, 2018. CODEN 2222 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1233083>.

**Buff:2001:FC**

[BHH01] Xavier Buff, Christian Henriksen, and John H. Hubbard. Farey curves. *Experimental Mathematics*, 10(4):481–486, 2001.

CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).  
URL <http://projecteuclid.org/euclid.em/1069855247>.

**Bruns:2011:CCH**

- [BHI<sup>+</sup>11] Winfried Bruns, Raymond Hemmecke, Bogdan Ichim, Matthias Köppe, and Christof Söger. Challenging computations of Hilbert bases of cones associated with algebraic statistics. *Experimental Mathematics*, 20(1):25–33, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924388>.

**Brzezinski:2005:CBM**

- [BHK05] J. Brzeziński, W. Holsztyński, and P. Kurlberg. On the congruence  $\mathbf{ax} + \mathbf{by} \equiv \mathbf{1}$  modulo  $\mathbf{xy}$ . *Experimental Mathematics*, 14(4):391–401, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926970>.

**Bates:2013:RER**

- [BHM<sup>+</sup>13] Daniel J. Bates, Jonathan D. Hauenstein, Timothy M. McCoy, Chris Peterson, and Andrew J. Sommese. Recovering exact results from inexact numerical data in algebraic geometry. *Experimental Mathematics*, 22(1):38–50, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Bogart:2012:UGB**

- [BHP12] Tristram Bogart, Ray Hemmecke, and Sonja Petrović. Universal Gröbner bases of colored partition identities. *Experimental Mathematics*, 21(4):395–401, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Berry:2009:OAS**

- [BHS09] Tyrus Berry, Steven M. Heilman, and Robert S. Strichartz. Outer approximation of the spectrum of a fractal Laplacian. *Experimental Mathematics*, 18(4):449–480, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158508>.

**Bombieri:1995:DST**

- [BHvdP95] Enrico Bombieri, David C. Hunt, and Alfred J. van der Poorten. Determinants in the study of Thue’s method and curves with

prescribed singularities. *Experimental Mathematics*, 4(2):87–96, 1995. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931619>.

**Bircan:2014:CUQ**

- [Bir14] Nihal Bircan. A conjecture on units of quadratic fields. *Experimental Mathematics*, 23(2):95–98, 2014. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic).

**Bailey:2005:CTH**

- [BJL05] David H. Bailey, Karthik Jeyabalan, and Xiaoye S. Li. A comparison of three high-precision quadrature schemes. *Experimental Mathematics*, 14(3):317–329, 2005. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371757>.

**Buchmann:1994:PVG**

- [BJP94] Johannes Buchmann, Max Jüntgen, and Michael Pohst. A practical version of the generalized Lagrange algorithm. *Experimental Mathematics*, 3(3):199–207, 1994. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515871>.

**Baier:2003:HCC**

- [BK03] Harald Baier and Günter Köhler. How to compute the coefficients of the elliptic modular function  $j(z)$ . *Experimental Mathematics*, 12(1):115–126, 2003. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858788>.

**Banks:2012:RVR**

- [BK12] William D. Banks and Sarah Kang. On repeated values of the Riemann zeta function on the critical line. *Experimental Mathematics*, 21(2):132–140, 2012. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic).

**Brown:2016:FDP**

- [BK16] Gavin Brown and Alexander Kasprzyk. Four-dimensional projective orbifold hypersurfaces. *Experimental Mathematics*, 25(2):176–193, 2016. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic).

**Begue:2012:RWB**

- [BKN<sup>+</sup>12] Matthew Begue, Daniel J. Kelleher, Aaron Nelson, Hugo Panzo, Ryan Pellico, and Alexander Teplyaev. Random walks on barycentric subdivisions and the Strichartz hexacarpet. *Experimental Mathematics*, 21(4):402–417, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**Bjorner:2000:SMB**

- [BL00] Anders Björner and Frank H. Lutz. Simplicial manifolds, bistellar flips and a 16-vertex triangulation of the Poincaré homology 3-sphere. *Experimental Mathematics*, 9(2):275–289, 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952351>.

**Boyle:2007:JPP**

- [BL07] Mike Boyle and Bryant Lee. Jointly periodic points in cellular automata: Computer explorations and conjectures. *Experimental Mathematics*, 16(3):293–302, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928530>.

**Beltran:2012:CNH**

- [BL12] Carlos Beltrán and Anton Leykin. Certified numerical homotopy tracking. *Experimental Mathematics*, 21(1):69–83, 2012. CODEN 1058-6458 (print), 1944-950X (electronic).

**Benedetti:2014:RDM**

- [BL14] Bruno Benedetti and Frank H. Lutz. Random discrete Morse theory and a new library of triangulations. *Experimental Mathematics*, 23(1):66–94, 2014. CODEN 1058-6458 (print), 1944-950X (electronic).

**Bley:2011:NEE**

- [Ble11] Werner Bley. Numerical evidence for the equivariant Birch and Swinnerton-Dyer conjecture. *Experimental Mathematics*, 20(4):426–456, 2011. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367156>.

**Bernard:2009:JGC**

- [BLP09] Nicolas Bernard, Franck Leprévost, and Michael Pohst. Jacobians of genus-2 curves with a rational point of order 11. *Ex-*

*perimental Mathematics*, 18(1):65–70, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430530>.

**Batut:1994:RRP**

- [BM94] Christian Batut and Jacques Martinet. Radiographie des réseaux parfaits. (French) [Radiography of perfect lattices]. *Experimental Mathematics*, 3(1):39–49, 1994. CODEN 1994 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621002>.

**Belaga:1998:ECC**

- [BM98] Edward G. Belaga and Maurice Mignotte. Embedding the  $3x + 1$  conjecture in a  $3x + d$  context. *Experimental Mathematics*, 7(2):145–151, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515662>.

**Borwein:2000:PHP**

- [BM00] Peter Borwein and Michael J. Mossinghoff. Polynomials with height 1 and prescribed vanishing at 1. *Experimental Mathematics*, 9(3):425–433, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604677>.

**Bessis:2004:EPE**

- [BM04] David Bessis and Jean Michel. Explicit presentations for exceptional braid groups. *Experimental Mathematics*, 13(3):257–266, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749833>.

**Boyd:2005:SLP**

- [BM05] David W. Boyd and Michael J. Mossinghoff. Small limit points of Mahler’s measure. *Experimental Mathematics*, 14(4):403–414, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926971>.

**Bowman:2006:FSA**

- [BM06] R. Sean Bowman and Stephen B. McCaul. Fast searching for Andrews–Curtis trivializations. *Experimental Mathematics*, 15(2):193–197, 2006. CODEN 2006 ISSN 1058-6458



(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789740>.

**Beliakov:2015:ARZ**

- [BM15] Gleb Beliakov and Yuri Matiyasevich. Approximation of Riemann's zeta function by finite Dirichlet series: A multiprecision numerical approach. *Experimental Mathematics*, 24(2):150–161, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bachoc:1997:CTG**

- [BN97] Christine Bachoc and Gabriele Nebe. Classification of two genera of 32-dimensional lattices of rank 8 over the Hurwitz order. *Experimental Mathematics*, 6(2):151–162, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047650001>.

**Bonnaillie-Noël:2011:NAN**

- [BNH11] V. Bonnaillie-Noël and B. Helffer. Numerical analysis of nodal sets for eigenvalues of Aharonov–Bohm Hamiltonians on the square with application to minimal partitions. *Experimental Mathematics*, 20(3):304–322, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924423>.

**Bar-Natan:2011:SDS**

- [BNHLR11] Dror Bar-Natan, Iva Halacheva, Louis Leung, and Fionntan Roukema. Some dimensions of spaces of finite type invariants of virtual knots. *Experimental Mathematics*, 20(3):282–287, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924421>.

**Bonnaillie-Noxebl:2017:SMP**

- [BNL17] Virginie Bonnaillie-Noël and Corentin Léna. Spectral minimal partitions for a family of tori. *Experimental Mathematics*, 26(4):381–395, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1183154>.

**Bates:2011:TSC**

- [BO11] Daniel J. Bates and Luke Oeding. Toward a Salmon conjecture. *Experimental Mathematics*, 20(3):358–370, ???? 2011. CODEN

???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924426>.

**Bogosel:2017:PML**

- [BO17] Benjamin Bogosel and Édouard Oudet. Partitions of minimal length on manifolds. *Experimental Mathematics*, 26(4):496–508, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1223570>.

**Booker:2000:TIF**

- [Boo00] Andrew R. Booker. A test for identifying Fourier coefficients of automorphic forms and application to Kloosterman sums. *Experimental Mathematics*, 9(4):571–581, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759522>.

**Booker:2006:ACT**

- [Boo06] Andrew R. Booker. Artin’s conjecture, Turing’s method, and the Riemann hypothesis. *Experimental Mathematics*, 15(4):385–407, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789775>.

**Borthwick:2014:DRH**

- [Bor14] David Borthwick. Distribution of resonances for hyperbolic surfaces. *Experimental Mathematics*, 23(1):25–45, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Braun:2018:NLB**

- [BÖW18] Michael Braun, Patric R. J. Östergård, and Alfred Wassermann. New lower bounds for binary constant-dimension subspace codes. *Experimental Mathematics*, 27(2):179–183, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1239145>.

**Boyd:1994:ASP**

- [Boy94] David W. Boyd. A  $p$ -adic study of the partial sums of the harmonic series. *Experimental Mathematics*, 3(4):287–302, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515811>.

**Boyd:1998:MMS**

- [Boy98] David W. Boyd. Mahler's measure and special values of  $L$ -functions. *Experimental Mathematics*, 7(1):37–82, 1998. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674271>.

**Boyd:1999:BFC**

- [Boy99] John P. Boyd. The Blasius function in the complex plane. *Experimental Mathematics*, 8(4):381–394, 1999. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262359>.

**Bergeron:1992:CGF**

- [BP92] François Bergeron and Simon Plouffe. Computing the generating function of a series given its first few terms. *Experimental Mathematics*, 1(4):307–312, 1992. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048610118>.

**Bullett:1994:GIC**

- [BP94] Shaun Bullett and Christopher Penrose. A gallery of iterated correspondences. *Experimental Mathematics*, 3(2):85–105, 1994. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620904>.

**Bernhardsson:2001:SVT**

- [BP01] Bo Bernhardsson and Jaak Peetre. Singular values of trilinear forms. *Experimental Mathematics*, 10(4):509–518, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855250>.

**Bressaud:2007:TCB**

- [BP07] X. Bressaud and G. Poggiaspalla. A tentative classification of bijective polygonal piecewise isometries. *Experimental Mathematics*, 16(1):77–100, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789803>.

**Berkovich:2015:EUR**

- [BP15] Alexander Berkovich and Frank Patane. Essentially unique representations by certain ternary quadratic forms. *Experimental*

*Mathematics*, 24(1):8–22, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Banks:2012:GSR**

- [BPS12] William D. Banks, Francesco Pappalardi, and Igor E. Shparlin-ski. On group structures realized by elliptic curves over arbitrary finite fields. *Experimental Mathematics*, 21(1):11–25, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Brakke:1995:CEF**

- [BPW95] Kenneth Brakke, Robert Phelan, and Denis Weaire. Computation of equilibrium foam structures using the surface evolver. *Experimental Mathematics*, 4(3):181–192, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621077>.

**Batut:1995:CCL**

- [BQS95] Christian Batut, Heinz-Georg Quebbemann, and Rudolf Scharlau. Computations of cyclotomic lattices. *Experimental Mathematics*, 4(3):177–179, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621076>.

**Bogner:2017:SFO**

- [BR17] Michael Bogner and Stefan Reiter. Some fourth order CY-type operators with non-symplectically rigid monodromy. *Experimental Mathematics*, 26(1):98–113, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Brakke:1992:SE**

- [Bra92] Kenneth A. Brakke. The surface evolver. *Experimental Mathematics*, 1(2):141–165, ???? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709050>.

**Brakke:1995:NSS**

- [Bra95] Kenneth A. Brakke. Numerical solution of soap film dual problems. *Experimental Mathematics*, 4(4):269–287, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674388>.

**Brander:2016:SS**

- [Bra16] David Brander. Spherical surfaces. *Experimental Mathematics*, 25(3):257–272, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Brent:1998:QMM**

- [Bre98] Barry Brent. Quadratic minima and modular forms. *Experimental Mathematics*, 7(3):257–274, ???? 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674207>.

**Bremner:1999:APE**

- [Bre99] Andrew Bremner. On arithmetic progressions on elliptic curves. *Experimental Mathematics*, 8(4):409–413, ???? 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262362>.

**Bremner:2008:WCS**

- [Bre08a] Andrew Bremner. When can  $((X^2 - P)^2 - Q)^2 - R)^2 - S^2$  split into linear factors? *Experimental Mathematics*, 17(4):385–390, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429952>.

**Bremner:2008:E**

- [Bre08b] Andrew Bremner. On the equation  $Y^2 = X^5 + k$ . *Experimental Mathematics*, 17(3):371–374, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121389>.

**Brinkmann:2000:IBH**

- [Bri00] Peter Brinkmann. An implementation of the Bestvina–Handel algorithm for surface homeomorphisms. *Experimental Mathematics*, 9(2):235–240, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952347>.

**Brisebarre:2001:IM**

- [Bri01] Nicolas Brisebarre. Irrationality measures of  $\log 2$  and  $\pi/\sqrt{3}$ . *Experimental Mathematics*, 10(1):35–52, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188419>.

**Brinkmann:2004:NPA**

- [Bri04] Peter Brinkmann. A note on pseudo-Anosov maps with small growth rate. *Experimental Mathematics*, 13(1):49–54, 2004. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894089>.

**Briggs:2006:ANR**

- [Bri06] Keith Briggs. Abundant numbers and the Riemann hypothesis. *Experimental Mathematics*, 15(2):251–256, 2006. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789744>.

**Brown:2007:DPK**

- [Bro07] Gavin Brown. A database of polarized K3 surfaces. *Experimental Mathematics*, 16(1):7–20, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789798>.

**Brauchart:2018:RPS**

- [BRS<sup>+</sup>18] J. S. Brauchart, A. B. Reznikov, E. B. Saff, I. H. Sloan, Y. G. Wang, and R. S. Womersley. Random point sets on the sphere-hole radii, covering, and separation. *Experimental Mathematics*, 27(1):62–81, 2018. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1226209>.

**Bruns:2007:ICP**

- [Bru07] Winfried Bruns. On the integral Carathéodory property. *Experimental Mathematics*, 16(3):359–365, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928535>.

**Bobenko:1999:ASD**

- [BS99] Alexander I. Bobenko and Wolfgang K. Schief. Affine spheres: discretization via duality relations. *Experimental Mathematics*, 8(3):261–280, 1999. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262407>.

**Brinkmann:2001:CTM**

- [BS01] Peter Brinkmann and Saul Schleimer. Computing triangulations of mapping tori of surface homeomorphisms. *Experimental Mathematics*, 10(4):571–582, 2001. CODEN 1058-6458 (print), 1944-950X (electronic).

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855257>.

**Borwein:2008:PRB**

- [BS08a] Jonathan M. Borwein and Bruno Salvy. A proof of a recurrence for Bessel moments. *Experimental Mathematics*, 17(2):223–230, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118973>.

**Bruin:2008:DER**

- [BS08b] Nils Bruin and Michael Stoll. Deciding existence of rational points on curves: An experiment. *Experimental Mathematics*, 17(2):181–189, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118970>.

**Bremner:2011:EGD**

- [BS11] David Bremner and Lars Schewe. Edge-graph diameter bounds for convex polytopes with few facets. *Experimental Mathematics*, 20(3):229–237, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924417>.

**Bruinier:2012:CHW**

- [BS12] Jan H. Bruinier and Fredrik Strömberg. Computation of harmonic weak Maass forms. *Experimental Mathematics*, 21(2):117–131, 2012. CODEN 2012 ISSN 1058-6458 (print), 1944-950X (electronic).

**Bernstein:2017:NBH**

- [BS17] Daniel Irving Bernstein and Seth Sullivant. Normal binary hierarchical models. *Experimental Mathematics*, 26(2):153–164, 2017. CODEN 2017 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1142911>.

**Bielefeld:1993:DCN**

- [BSTV93] Ben Bielefeld, Scott Sutherland, Folkert Tangerman, and J. J. P. Veerman. Dynamics of certain nonconformal degree-two maps of the plane. *Experimental Mathematics*, 2(4):281–300, 1993. CODEN 1993 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516038>.

**Borwein:2013:TSF**

- [BSW13] Jonathan M. Borwein, Armin Straub, and James Wan. Three-step and four-step random walk integrals. *Experimental Mathematics*, 22(1):1–14, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bagley:2018:CAB**

- [BT18] Zachary Bagley and Ray Treinen. On the classification and asymptotic behavior of the symmetric capillary surfaces. *Experimental Mathematics*, 27(2):215–229, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1245641>.

**Boender:1996:FIL**

- [BtR96] Henk Boender and Herman J. J. te Riele. Factoring integers with large-prime variations of the quadratic sieve. *Experimental Mathematics*, 5(4):257–273, ???? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565445>.

**Burton:2004:IRM**

- [Bur04] Benjamin A. Burton. Introducing Regina, the 3-manifold topology software. *Experimental Mathematics*, 13(3):267–272, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749834>.

**Burton:2007:OTN**

- [Bur07] Benjamin A. Burton. Observations from the 8-tetrahedron nonorientable census. *Experimental Mathematics*, 16(2):129–144, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905871>.

**Burton:2010:QOC**

- [Bur10] Benjamin A. Burton. Quadrilateral-octagon coordinates for almost normal surfaces. *Experimental Mathematics*, 19(3):285–315, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758093>.



**Burton:2014:DPS**

- [Bur14] Benjamin A. Burton. A duplicate pair in the SnapPea census. *Experimental Mathematics*, 23(2):170–173, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Button:2005:FVF**

- [But05] J. O. Button. Fibred and virtually fibred hyperbolic 3-manifolds in the censuses. *Experimental Mathematics*, 14(2):231–255, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100134>.

**Button:2011:PF**

- [But11] J. O. Button. Proving finitely presented groups are large by computer. *Experimental Mathematics*, 20(2):153–168, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924407>.

**Butler:2012:SSE**

- [But12] Leo T. Butler. Smooth structures on Eschenburg spaces: Numerical computations. *Experimental Mathematics*, 21(1):57–64, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Browning:2012:STS**

- [BV12] T. D. Browning and K. Van Valckenborgh. Sums of three squareful numbers. *Experimental Mathematics*, 21(2):204–211, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bohning:2009:RMS**

- [BvBK09] Christian Böhning, Hans-Christian Graf von Bothmer, and Jakob Kröker. Rationality of moduli spaces of plane curves of small degree. *Experimental Mathematics*, 18(4):499–508, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158510>.

**Boston:2007:NPT**

- [BW07] Nigel Boston and Jay Wierer. Newton polytopes of two-dimensional hidden Markov models. *Experimental Mathematics*, 16(2):227–238, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905878>.

**Bennett:2012:LVS**

- [BY12] Michael A. Bennett and Soroosh Yazdani. A local version of Szpiro's conjecture. *Experimental Mathematics*, 21(2):103–116, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Barg:2013:NBS**

- [BY13] Alexander Barg and Wei-Hsuan Yu. New bounds for spherical two-distance sets. *Experimental Mathematics*, 22(2):187–194, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Blocki:2016:SCS**

- [BZ16] Zbigniew Blocki and Włodzimierz Zwonek. On the Suita conjecture for some convex ellipsoids in  $\mathbf{C}^2$ . *Experimental Mathematics*, 25(1):8–16, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Bouc:2017:QRT**

- [BZ17] Serge Bouc and Alexander Zimmermann. On a question of Rickard on tensor products of stably equivalent algebras. *Experimental Mathematics*, 26(1):31–44, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Carletti:2003:CBF**

- [Car03] Timoteo Carletti. The  $1/2$ -complex Bruno function and the Yoccoz function: a numerical study of the Marmi–Moussa–Yoccoz conjecture. *Experimental Mathematics*, 12(4):491–506, ???? 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568025>.

**Cazals:1997:CPO**

- [Caz97] Frédéric Cazals. Combinatorial properties of one-dimensional arrangements. *Experimental Mathematics*, 6(1):87–94, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565286>.

**Crandall:1994:EES**

- [CB94] Richard E. Crandall and Joe P. Buhler. On the evaluation of Euler sums. *Experimental Mathematics*, 3(4):275–285, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515810>.

**Castano-Bernard:2009:NRP**

- [CB09] Carlos Castaño-Bernard. A note on the rational points of  $X_0^+(N)$ . *Experimental Mathematics*, 18(2):129–135, 2009. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158425>.

**Cheon:2007:CBB**

- [CC07] Younhwan Cheon and Thomas W. Cusick. Counting balanced Boolean functions in  $n$  variables with bounded degree. *Experimental Mathematics*, 16(1):101–106, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789804>.

**Cohn:2007:RSU**

- [CCEK07] Henry Cohn, John H. Conway, Noam D. Elkies, and Abhinav Kumar. The  $D_4$  root system is not universally optimal. *Experimental Mathematics*, 16(3):313–320, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928532>.

**Cunningham:2009:CGH**

- [CD09] Clifton Cunningham and Lassina Dembélé. Computing genus-2 Hilbert–Siegel modular forms over  $\mathbb{Q}(\sqrt{5})$  via the Jacquet–Langlands correspondence. *Experimental Mathematics*, 18(3):337–345, 2009. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158470>.

**Cerveau:2010:FTP**

- [CD10] Dominique Cerveau and Julie Déserti. Feuilletages et transformations périodiques. (French) [Branching and periodic transformations]. *Experimental Mathematics*, 19(4):447–464, 2010. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758104>.

**CaluzaMachado:2018:ISP**

- [Cd18] Fabrício Caluza Machado and Fernando Mário de Oliveira Filho. Improving the semidefinite programming bound for the kissing number by exploiting polynomial symmetry. *Experimental Mathematics*, 27(3):362–369, 2018. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1286273>.

**Cochrane:2016:MMM**

- [CDD<sup>+</sup>16] Todd Cochrane, R. M. S. Dissanayake, Nicholas Donohoue, M. I. M. Ishak, Vincent Pigno, Chris Pinner, and Craig Spencer. Minimal Mahler measure in real quadratic fields. *Experimental Mathematics*, 25(2):107–115, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Calude:2002:CGR**

- [CDS02] Cristian S. Calude, Michael J. Dinneen, and Chi-Kou Shu. Computing a glimpse of randomness. *Experimental Mathematics*, 11(3):361–370, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777428>.

**Conway:2006:MGP**

- [CEM06] John H. Conway, Noam D. Elkies, and Jeremy L. Martin. The Mathieu group  $M_{12}$  and its pseudogroup extension  $M_{13}$ . *Experimental Mathematics*, 15(2):223–236, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789742>.

**Cassaigne:1995:CAS**

- [CF95] Julien Cassaigne and Steven R. Finch. A class of 1-additive sequences and quadratic recurrences. *Experimental Mathematics*, 4(1):49–60, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621142>.

**Calkin:1996:CPS**

- [CF96] Neil J. Calkin and Steven R. Finch. Conditions on periodicity for sum-free sets. *Experimental Mathematics*, 5(2):131–137, ???? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565644>.

**Chinburg:2015:PQU**

- [CFH<sup>+</sup>15] Ted Chinburg, Holley Friedlander, Sean Howe, Michiel Kosters, Bhairav Singh, Matthew Stover, Ying Zhang, and Paul Ziegler. Presentations for quaternionic  $S$ -unit groups. *Experimental Mathematics*, 24(2):175–182, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cunningham:2009:MPC**

- [CG09] Clifton Cunningham and Julia Gordon. Motivic proof of a character formula for  $SL(2)$ . *Experimental Mathematics*, 18(1):11–44, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430527>.

**Chapoton:2014:EOB**

- [CG14] Frédéric Chapoton and Samuele Giraudo. Enveloping operads and bicolored noncrossing configurations. *Experimental Mathematics*, 23(3):332–349, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**Coulson:2000:CAI**

- [CGHN00] David Coulson, Oliver A. Goodman, Craig D. Hodgson, and Walter D. Neumann. Computing arithmetic invariants of 3-manifolds. *Experimental Mathematics*, 9(1):127–152, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889596>.

**Castro:2015:AVE**

- [CGM15] Francis N. Castro, Oscar E. González, and Luis A. Medina. The  $p$ -adic valuation of Eulerian numbers: Trees and Bernoulli numbers. *Experimental Mathematics*, 24(2):183–195, 2015. CODEN 2015 ISSN 1058-6458 (print), 1944-950X (electronic).

**Cannon:2008:TPG**

- [CH08a] John J. Cannon and Derek F. Holt. The transitive permutation groups of degree 32. *Experimental Mathematics*, 17(3):307–314, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121384>.

**Cho:2008:MDG**

- [CH08b] Jin-Hwan Cho and Ji-Young Ham. The minimal dilatation of a genus-two surface. *Experimental Mathematics*, 17(3):257–267, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121381>.

**Cannon:2013:CPI**

- [CH13] John J. Cannon and Derek F. Holt. Computing projective indecomposable modules and higher cohomology groups. *Experi-*

*mental Mathematics*, 22(1):51–59, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Chas:2014:SIN**

- [Cha14] Moira Chas. Self-intersection numbers of length-equivalent curves on surfaces. *Experimental Mathematics*, 23(3):271–276, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Chipalkatti:2002:DTC**

- [Chi02] Jaydeep V. Chipalkatti. Decomposable ternary cubics. *Experimental Mathematics*, 11(1):69–80, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860315>.

**Chipalkatti:2004:WLT**

- [Chi04] Jaydeep Chipalkatti. The Waring loci of ternary quartics. *Experimental Mathematics*, 13(1):93–102, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894091>.

**Callahan:1993:FSP**

- [CHK93] Michael Callahan, David Hoffman, and Hermann Karcher. A family of singly periodic minimal surfaces invariant under a screw motion. *Experimental Mathematics*, 2(3):157–182, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620829>.

**Cooperman:1997:BTP**

- [CHLM97] Gene Cooperman, Gerhard Hiss, Klaus Lux, and Jürgen Müller. The Brauer tree of the principal 19-block of the sporadic simple Thompson group. *Experimental Mathematics*, 6(4):293–300, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047047190>.

**Conrey:2013:SN**

- [CHM13] J. B. Conrey, M. A. Holmstrom, and T. L. McLaughlin. Smooth neighbors. *Experimental Mathematics*, 22(2):195–202, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Cellarosi:2015:CFD**

- [CHMW15] Francesco Cellarosi, Doug Hensley, Steven J. Miller, and Jake L. Wellens. Continued fraction digit averages and Maclaurin's inequalities. *Experimental Mathematics*, 24(1):23–44, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Chopp:1994:CSS**

- [Cho94] David L. Chopp. Computation of self-similar solutions for mean curvature flow. *Experimental Mathematics*, 3(1):1–15, 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620999>.

**Campbell:2007:ESG**

- [CHRR07] Colin M. Campbell, George Havas, Colin Ramsay, and Edmund F. Robertson. On the efficiency of the simple groups of order less than a million and their covers. *Experimental Mathematics*, 16(3):347–358, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928534>.

**Conway:1996:PLP**

- [CHS96] John H. Conway, Ronald H. Hardin, and Neil J. A. Sloane. Packing lines, planes, etc.: packings in Grassmannian spaces. *Experimental Mathematics*, 5(2):139–159, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565645>.

**Chua:2005:EML**

- [Chu05] Kok Seng Chua. Extremal modular lattices, McKay Thompson series, quadratic iterations, and new series for  $\pi$ . *Experimental Mathematics*, 14(3):343–357, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371759>.

**Coulangeon:2007:LCE**

- [CIO07] R. Coulangeon, M. I. Icaza, and M. O'Ryan. Lenstra's constant and extreme forms in number fields. *Experimental Mathematics*, 16(4):455–462, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836515>.

**Castro-Jimenez:2004:TLC**

- [CJUE04] F. J. Castro-Jiménez and J. M. Ucha-Enríquez. Testing the logarithmic comparison theorem for free divisors. *Experimental Mathematics*, 13(4):441–449, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106436>.

**Conrey:2006:RMT**

- [CKRS06] J. B. Conrey, J. P. Keating, M. O. Rubinstein, and N. C. Snaith. Random matrix theory and the Fourier coefficients of half-integral-weight forms. *Experimental Mathematics*, 15(1):67–82, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476905>.

**Cooper:1998:T**

- [CL98] Daryl Cooper and Darren D. Long. Trimming. *Experimental Mathematics*, 7(4):325–332, 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674150>.

**Chua:2004:CSA**

- [CL04] Kok Seng Chua and Mong Lung Lang. Congruence subgroups associated to the monster. *Experimental Mathematics*, 13(3):343–360, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749842>.

**Calini:2007:SRG**

- [CL07a] Annalisa Calini and Joel Langer. Schwarz reflection geometry II: Local and global behavior of the exponential map. *Experimental Mathematics*, 16(3):321–346, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928533>.

**Cremona:2007:FAE**

- [CL07b] J. E. Cremona and M. P. Lingham. Finding all elliptic curves with good reduction outside a given set of primes. *Experimental Mathematics*, 16(3):303–312, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928531>.



**Champanerkar:2007:ERA**

- [CLLM07] Abhijit Champanerkar, Jacob Lewis, Max Lipyanskiy, and Scott Meltzer. Exceptional regions and associated exceptional hyperbolic 3-manifolds, with an appendix by Alan W. Reid. *Experimental Mathematics*, 16(1):106–118, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789805>.

**Chas:2013:ESD**

- [CLM13] Moira Chas, Keren Li, and Bernard Maskit. Experiments suggesting that the distribution of the hyperbolic length of closed geodesics sampling by word length is Gaussian. *Experimental Mathematics*, 22(4):367–371, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cioffi:2015:MCM**

- [CLMR15] F. Cioffi, P. Lella, M. G. Marinari, and M. Roggero. Minimal Castelnuovo–Mumford regularity for a given Hilbert polynomial. *Experimental Mathematics*, 24(4):424–437, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Clancy:2015:NJT**

- [CLP15] Julien Clancy, Timothy Leake, and Sam Payne. A note on Jacobians, Tutte polynomials, and two-variable zeta functions of graphs. *Experimental Mathematics*, 24(1):1–7, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cooper:2006:CVR**

- [CLT06] Daryl Cooper, Darren Long, and Morwen Thistlethwaite. Computing varieties of representations of hyperbolic 3-manifolds into  $SL(4, \mathbf{R})$ . *Experimental Mathematics*, 15(3):291–305, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789760>.

**Connor:2015:CEH**

- [CLW15] Peter Connor, Kevin Li, and Matthias Weber. Complete embedded harmonic surfaces in  $R^3$ . *Experimental Mathematics*, 24(2):196–224, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cohen:1992:SOP**

- [CLZ92] Henri Cohen, Leonard Lewin, and Don Zagier. A sixteenth-order polylogarithm ladder. *Experimental Mathematics*, 1(1):25–34, 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709113>.

**Cremona:2000:VES**

- [CM00] John E. Cremona and Barry Mazur. Visualizing elements in the Shafarevich–Tate group. *Experimental Mathematics*, 9(1):13–28, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889588>.

**Chapoton:2013:TSV**

- [CM13] F. Chapoton and L. Manivel. Triangulations and Severi varieties. *Experimental Mathematics*, 22(1):60–73, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Cueto:2016:HRT**

- [CM16] Maria Angelica Cueto and Hannah Markwig. How to repair tropicalizations of plane curves using modifications. *Experimental Mathematics*, 25(2):130–164, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Colliander:2013:BMD**

- [CMOS13] James E. Colliander, Jeremy L. Marzuola, Tadahiro Oh, and Gideon Simpson. Behavior of a model dynamical system with applications to weak turbulence. *Experimental Mathematics*, 22(3):250–264, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Chongchitmate:2013:ALK**

- [CN13] Wutichai Chongchitmate and Lenhard Ng. An atlas of Legendrian knots. *Experimental Mathematics*, 22(1):26–37, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Cassou-Noguas:1996:FPR**

- [CNJ96] Philippe Cassou-Noguès and Arnaud Jehanne. Formes primitives et représentations galoisiennes de type octaédral. (French) [Primitive forms and Galois representations of octahedral type]. *Experimental Mathematics*, 5(4):275–290, 1996. CODEN

???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565446>.

**Chmutova:2002:CCD**

- [CO02] Tanya Chmutova and Viktor Ostrik. Calculating canonical distinguished involutions in the affine Weyl groups. *Experimental Mathematics*, 11(1):99–117, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860319>.

**Cochet:2005:ERG**

- [Coc05] Charles Cochet. Effective reduction of Goresky–Kottwitz–MacPherson graphs. *Experimental Mathematics*, 14(2):133–144, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100126>.

**Collins:2005:FRH**

- [Col05] Pieter Collins. Forcing relations for homoclinic orbits of the Smale horseshoe map. *Experimental Mathematics*, 14(1):75–86, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145572>.

**Constantino:2006:CM**

- [Con06] Francesco Constantino. Complexity of 4-manifolds. *Experimental Mathematics*, 15(2):237–249, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789743>.

**Connor:2018:HGD**

- [Con18] Peter Connor. Higher genus doubly periodic minimal surfaces. *Experimental Mathematics*, 27(1):47–61, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1220339>.

**Cooper:2008:CCC**

- [Coo08] Shaun Cooper. The cubic Chan–Chua conjecture. *Experimental Mathematics*, 17(4):439–442, 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429956>.

**Coste:2002:SFL**

- [Cos02] Alain Costé. Sur un système fibré lié à la suite des nombres premiers. (French) [On a fiber system related to the prime-number sequence]. *Experimental Mathematics*, 11(3):383–405, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777430>.

**Cougnard:1994:AES**

- [Cou94] Jean Cougnard. Un anneau d'entiers stablement libre et non libre. *Experimental Mathematics*, 3(2):129–136, 1994. CODEN 1994 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620906>.

**Cummins:2003:CSG**

- [CP03] C. J. Cummins and S. Pauli. Congruence subgroups of  $\mathrm{PSL}(2, \mathbb{Z})$  of genus less than or equal to 24. *Experimental Mathematics*, 12(2):243–255, 2003. CODEN 2003 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634734>.

**Chas:2010:SIN**

- [CP10] Moira Chas and Anthony Phillips. Self-intersection numbers of curves on the punctured torus. *Experimental Mathematics*, 19(2):129–148, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784785>.

**Chas:2012:SIN**

- [CP12] Moira Chas and Anthony Phillips. Self-intersection numbers of curves in the doubly punctured plane. *Experimental Mathematics*, 21(1):26–37, 2012. CODEN 2012 ISSN 1058-6458 (print), 1944-950X (electronic).

**Chyzak:2001:COW**

- [CPS<sup>+</sup>01] Frédéric Chyzak, Peter Paule, Otmar Scherzer, Armin Schoisswohl, and Burkhard Zimmermann. The construction of orthonormal wavelets using symbolic methods and a matrix analytical approach for wavelets on the interval. *Experimental Mathematics*, 10(1):67–86, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188421>.

**Charter:1993:DQF**

- [CR93] Kevin Charter and Thomas Rogers. The dynamics of quadrilateral folding. *Experimental Mathematics*, 2(3):209–222, 1993. CODEN 1993 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620831>.

**Chan:1999:VPD**

- [CR99] Clara S. Chan and David P. Robbins. On the volume of the polytope of doubly stochastic matrices. *Experimental Mathematics*, 8(3):291–300, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262409>.

**Coutinho:2001:HFA**

- [CR01] S. C. Coutinho and Bruno F. M. Ribeiro. On holomorphic foliations without algebraic solutions. *Experimental Mathematics*, 10(4):529–536, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855252>.

**Crandall:1999:NRM**

- [Cra99a] Richard E. Crandall. New representations for the Madelung constant. *Experimental Mathematics*, 8(4):367–379, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262358>.

**Crass:1999:SSI**

- [Cra99b] Scott Crass. Solving the sextic by iteration: a study in complex geometry and dynamics. *Experimental Mathematics*, 8(3):209–240, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262404>.

**Crass:2001:SQI**

- [Cra01] Scott Crass. Solving the quintic by iteration in three dimensions. *Experimental Mathematics*, 10(1):1–24, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188417>.

**Crass:2014:DSB**

- [Cra14] Scott Crass. Dynamics of a soccer ball. *Experimental Mathematics*, 23(3):261–270, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cremona:1997:CPC**

- [Cre97] John E. Cremona. Computing periods of cusp forms and modular elliptic curves. *Experimental Mathematics*, 6(2):97–107, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047649997>.

**Chan:2000:VCP**

- [CRY00] Clara S. Chan, David P. Robbins, and David S. Yuen. On the volume of a certain polytope. *Experimental Mathematics*, 9(1):91–99, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889594>.

**Chopp:1993:FUC**

- [CS93] David L. Chopp and James A. Sethian. Flow under curvature: singularity formation, minimal surfaces, and geodesics. *Experimental Mathematics*, 2(4):235–255, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516035>.

**Cid:2001:CFS**

- [CS01] Carlos Cid and Tilman Schulz. Computation of five- and six-dimensional Bieberbach groups. *Experimental Mathematics*, 10(1):109–115, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188425>.

**Cheltsov:2013:DPZ**

- [CS13] Ivan Cheltsov and Constantin Shramov. Del Pezzo zoo. *Experimental Mathematics*, 22(3):313–326, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Costa:2014:VRS**

- [CT14] Edgar Costa and Yuri Tschinkel. Variation of Néron–Severi ranks of reductions of K3 surfaces. *Experimental Mathematics*, 23(4):475–481, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Cohen:1996:ISD**

- [CtR96] Graeme L. Cohen and Herman J. J. te Riele. Iterating the sum-of-divisors function. *Experimental Mathematics*, 5(2):91–100, 1996. CODEN 1996 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565640>. See errata [CtR97].

**Cohen:1997:EIS**

- [CtR97] Graeme L. Cohen and Herman J. J. te Riele. Errata to: “Iterating the sum-of-divisors function”. *Experimental Mathematics*, 6(2):177, 1997. CODEN 1997 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047650004>. See [CtR96].

**Cummins:2004:CSG**

- [Cum04] C. J. Cummins. Congruence subgroups of groups commensurable with  $\mathrm{PSL}(2, \mathbb{Z})$  of genus 0 and 1. *Experimental Mathematics*, 13(3):361–382, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749843>.

**Cuntz:2017:WFP**

- [Cun17] Michael Cuntz. On wild Frieze patterns. *Experimental Mathematics*, 26(3):342–348, 2017. CODEN 2017 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1172526>.

**Chopp:2003:FHS**

- [CV03] David Chopp and John A. Velling. Foliations of hyperbolic space by constant mean curvature surfaces sharing ideal boundary. *Experimental Mathematics*, 12(3):339–350, 2003. CODEN 2003 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329236>.

**Cohen:2000:CAA**

- [CVZ00] Henri Cohen, Fernando Rodriguez Villegas, and Don Zagier. Convergence acceleration of alternating series. *Experimental Mathematics*, 9(1):3–12, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889587>.

**duCloux:2002:CKL**

- [dC02] Fokko du Cloux. Computing Kazhdan–Lusztig polynomials for arbitrary Coxeter groups. *Experimental Mathematics*, 11(3):371–381, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777429>.

**Delaunay:2003:NIR**

- [DD03a] C. Delaunay and S. Duquesne. Numerical investigations related to the derivatives of the  $L$ -series of certain elliptic curves. *Experimental Mathematics*, 12(3):311–318, 2003. CODEN 2003 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329234>.

**Deza:2003:HCS**

- [DD03b] Michel Deza and Mathieu Dutour. The hypermetric cone on seven vertices. *Experimental Mathematics*, 12(4):433–440, 2003. CODEN 2003 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568019>.

**Davis:2014:STS**

- [DDG<sup>+</sup>14] Ryan Davis, Charles Doran, Adam Gewiss, Andrey Novoseltsev, Dmitri Skjorshammer, Alexa Syryczuk, and Ursula Whitcher. Short tops and semistable degenerations. *Experimental Mathematics*, 23(4):351–362, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**DeCorte:2014:FAF**

- [DdLV14] Evan DeCorte, David de Laat, and Frank Vallentin. Fourier analysis on finite groups and the Lovász  $\theta$ -number of Cayley graphs. *Experimental Mathematics*, 23(2):146–152, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**DeLeo:2006:ATP**

- [De 06a] Roberto De Leo. Appendix to *Topology of Plane Sections of Periodic Polyhedra with an Application to the Truncated Octahedron*. *Experimental Mathematics*, 15(1):??, 2006. CODEN 2006 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476909>. See [De 06b].



**DeLeo:2006:TPS**

- [De 06b] Roberto De Leo. Topology of plane sections of periodic polyhedra with an application to the truncated octahedron. *Experimental Mathematics*, 15(1):109–124, 2006. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476908>. See appendix [De 06a].

**DeBruyn:2015:EGQ**

- [De 15a] Bart De Bruyn. Every generalized quadrangle of order 5 having a regular point is symplectic. *Experimental Mathematics*, 24(1):45–52, 2015. CODEN 1058-6458 (print), 1944-950X (electronic).

**DeLeo:2015:CHD**

- [De 15b] Roberto De Leo. A conjecture on the Hausdorff dimension of attractors of real self-projective iterated function systems. *Experimental Mathematics*, 24(3):270–288, 2015. CODEN 1058-6458 (print), 1944-950X (electronic).

**Dress:1993:FSFb**

- [DE93] François Dress and Mohamed El Marraki. Fonction sommatoire de la fonction de Möbius. 2. Majorations asymptotiques élémentaires. (French) [upper bounds on the Möbius function. 2. Elementary asymptotic maximizations]. *Experimental Mathematics*, 2(2):99–112, 1993. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516215>.

**Dekimpe:2002:CAG**

- [DE02] Karel Dekimpe and Bettina Eick. Computational aspects of group extensions and their applications in topology. *Experimental Mathematics*, 11(2):183–200, 2002. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621214>.

**Deleglise:1998:BDA**

- [Del98] Marc Deléglise. Bounds for the density of abundant integers. *Experimental Mathematics*, 7(2):137–143, 1998. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515661>.

**Delaunay:2001:HTS**

- [Del01] Christophe Delaunay. Heuristics on Tate–Shafarevitch groups of elliptic curves defined over  $\mathbf{Q}$ . *Experimental Mathematics*, 10(2):191–196, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188631>.

**Dembele:2005:ECH**

- [Dem05] Lassina Dembélé. Explicit computations of Hilbert modular forms on  $\mathbf{Q}(\sqrt{5})$ . *Experimental Mathematics*, 14(4):457–466, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926976>.

**Dembele:2008:AME**

- [Dem08] Lassina Dembélé. An algorithm for modular elliptic curves over real quadratic fields. *Experimental Mathematics*, 17(4):427–438, 2008. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429955>.

**Deraux:2005:DDM**

- [Der05] Martin Deraux. Dirichlet domains for the mostow lattices. *Experimental Mathematics*, 14(4):467–490, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926977>.

**Deraux:2015:SCU**

- [Der15] Martin Deraux. On spherical CR uniformization of 3-manifolds. *Experimental Mathematics*, 24(3):355–370, 2015. CODEN 1058-6458 (print), 1944-950X (electronic).

**Doche:2000:IGR**

- [DF00] Christophe Doche and Michel Mendès France. Integral geometry and real zeros of Thue–Morse polynomials. *Experimental Mathematics*, 9(3):339–350, 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604669>.

**Dunfield:2012:TAP**

- [DFJ12] Nathan M. Dunfield, Stefan Friedl, and Nicholas Jackson. Twisted Alexander polynomials of hyperbolic knots. *Experimen-*

*tal Mathematics*, 21(4):329–352, 2012. ISSN 1058-6458 (print), 1944-950X (electronic).

**David:2004:VTF**

- [DFK04] Chantal David, Jack Fearnley, and Hershy Kisilevsky. On the vanishing of twisted  $L$ -functions of elliptic curves. *Experimental Mathematics*, 13(2):185–198, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350933>.

**deFaria:2014:SPP**

- [dFT14] Edson de Faria and Charles Tresser. On Sloane’s persistence problem. *Experimental Mathematics*, 23(4):363–382, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Durrett:1993:ABE**

- [DG93] Richard Durrett and David Griffeath. Asymptotic behavior of excitable cellular automata. *Experimental Mathematics*, 2(3):183–208, 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620830>.

**Darmon:2002:ECC**

- [DG02a] Henri Darmon and Peter Green. Elliptic curves and class fields of real quadratic fields: Algorithms and evidence. *Experimental Mathematics*, 11(1):37–55, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860313>.

**deGraaf:2002:CCB**

- [dG02b] Willem A. de Graaf. Constructing canonical bases of quantized enveloping algebras. *Experimental Mathematics*, 11(2):161–170, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621212>.

**deGraaf:2005:CSL**

- [dG05] W. A. de Graaf. Classification of solvable Lie algebras. *Experimental Mathematics*, 14(1):15–25, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145567>.

**Donnelly:2015:TEC**

- [DGKMY15] Steve Donnelly, Paul E. Gunnells, Arian Klages-Mundt, and Dan Yasaki. A table of elliptic curves over the cubic field of discriminant-23. *Experimental Mathematics*, 24(4):375–390, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Dunfield:2006:SKH**

- [DGR06] Nathan M. Dunfield, Sergei Gukov, and Jacob Rasmussen. The superpolynomial for knot homologies. *Experimental Mathematics*, 15(2):129–159, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789736>.

**Dasbach:1997:DJP**

- [DH97] Oliver T. Dasbach and Stefan Hougardy. Does the Jones polynomial detect unknottedness? *Experimental Mathematics*, 6(1):51–56, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565283>.

**DAndrea:2004:HSR**

- [DH04] Carlos D’Andrea and Kevin G. Hare. On the height of the Sylvester resultant. *Experimental Mathematics*, 13(3):331–341, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749841>.

**Dykema:2015:FPG**

- [DHJ15] Ken Dykema, Timo Heister, and Kate Juschenko. Finitely presented groups related to Kaplansky’s direct finiteness conjecture. *Experimental Mathematics*, 24(3):326–338, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Dhillon:2008:CPG**

- [DHST08] I. S. Dhillon, R. W. Heath, T. Strohmer, and J. A. Tropp. Constructing packings in Grassmannian manifolds via alternating projection. *Experimental Mathematics*, 17(1):9–35, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031894>.

**Dieulefait:2002:EDI**

- [Die02] Luis V. Dieulefait. Explicit determination of the images of the Galois representations attached to Abelian surfaces with  $\text{End}(A) = \mathbf{Z}$ . *Experimental Mathematics*, 11(4):503–512, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864660>.

**Dieulefait:2004:ENG**

- [Die04a] Luis Dieulefait. Existence of nonelliptic mod  $\ell$  Galois representations for every  $\ell > 5$ . *Experimental Mathematics*, 13(3):327–329, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749840>.

**Dieulefait:2004:CLM**

- [Die04b] Luis V. Dieulefait. Computing the level of a modular rigid Calabi–Yau threefold. *Experimental Mathematics*, 13(2):165–170, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350931>.

**Dilcher:2000:NSE**

- [Dil00] Karl Dilcher. Nested squares and evaluations of integer products. *Experimental Mathematics*, 9(3):369–372, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604671>.

**Driver:2010:MDI**

- [DJ10] Eric D. Driver and John W. Jones. Minimum discriminants of imprimitive decic fields. *Experimental Mathematics*, 19(4):475–479, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758106>.

**DiazYDiaz:2005:NAC**

- [DJP<sup>+</sup>05] Francisco Diaz Y. Diaz, Jean-François Jaulent, Sebastian Pauli, Michael Pohst, and Florence Soriano-Gafiuk. A new algorithm for the computation of logarithmic  $\ell$ -class groups of number fields. *Experimental Mathematics*, 14(1):65–74, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145571>.

**Drake:1992:NCP**

- [DL92] David A. Drake and Jean A. Larson. The nonexistence of certain projective planes of order 15. *Experimental Mathematics*, 1(1):65–69, 1992. CODEN 1992 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709117>.

**Dong:2004:IRC**

- [DL04] Xin-Han Dong and Ka-Sing Lau. An integral related to the Cauchy transform on the Sierpinski gasket. *Experimental Mathematics*, 13(4):415–419, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106432>.

**Duchin:2013:SCC**

- [DLM13] Moon Duchin, Samuel Lelièvre, and Christopher Mooney. The sprawl conjecture for convex bodies. *Experimental Mathematics*, 22(2):113–122, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**DeLoera:2006:CCG**

- [DM06] Jesús A. De Loera and Tyrrell B. McAllister. On the computation of Clebsch–Gordan coefficients and the dilation effect. *Experimental Mathematics*, 15(1):7–19, 2006. CODEN 2006 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476899>.

**Diaconis:2004:NRM**

- [DN04] Persi Diaconis and J. W. Neuberger. Numerical results for the Metropolis algorithm. *Experimental Mathematics*, 13(2):207–214, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350935>.

**Dress:1999:PPV**

- [DO99] François Dress and Michel Olivier. Polynômes prenant des valeurs premières. (French) [Polynomials taking principal values]. *Experimental Mathematics*, 8(4):319–338, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262355>.

**Dokchitser:2004:CSV**

- [Dok04] Tim Dokchitser. Computing special values of Motivic  $L$ -functions. *Experimental Mathematics*, 13(2):137–150, 2004. CODEN 13(2) ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350929>.

**Dolgachev:2018:SNE**

- [Dol18] Igor Dolgachev. Salem numbers and Enriques surfaces. *Experimental Mathematics*, 27(3):287–301, 2018. CODEN 27(3) ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1261743>.

**Doud:2005:WRG**

- [Dou05] Darrin Doud. Wildly ramified Galois representations and a generalization of a conjecture of Serre. *Experimental Mathematics*, 14(1):119–127, 2005. CODEN 14(1) ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145575>.

**Doud:2007:SGR**

- [Dou07] Darrin Doud. Supersingular Galois representations and a generalization of conjecture of Serre. *Experimental Mathematics*, 16(1):119–128, 2007. CODEN 16(1) ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789806>.

**Dujella:2008:SDT**

- [DP08] Andrej Dujella and Vinko Petričević. Strong Diophantine triples. *Experimental Mathematics*, 17(1):83–89, 2008. CODEN 17(1) ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031899>.

**Dudek:2015:SCI**

- [DP15] Adrian W. Dudek and David J. Platt. On solving a curious inequality of Ramanujan. *Experimental Mathematics*, 24(3):289–294, 2015. CODEN 24(3) ISSN 1058-6458 (print), 1944-950X (electronic).

**Deraux:2011:CCH**

- [DPP11] Martin Deraux, John R. Parker, and Julien Paupert. Census of the complex hyperbolic sporadic triangle groups. *Experimental Mathematics*, 20(4):467–486, 2011. CODEN 20(4)

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367158>.

**Drenning:2005:OBS**

- [DPPS05] Shawn Drenning, Judith Palagallo, Thomas Price, and Robert S. Strichartz. Outer boundaries of self-similar tiles. *Experimental Mathematics*, 14(2):199–209, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100132>.

**Durxen:2015:SCW**

- [DPV15] Antonio J. Durán, Mario Pérez, and Juan L. Varona. Some conjectures on Wronskian and Casorati determinants of orthogonal polynomials. *Experimental Mathematics*, 24(1):123–132, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Deleglise:1996:CSM**

- [DR96] Marc Deléglise and Joël Rivat. Computing the summation of the Möbius function. *Experimental Mathematics*, 5(4):291–295, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565447>.

**Dudek:2008:FN**

- [DR08] Andrzej Dudek and Vojtěch Rödl. On the Folkman number  $f(2, 3, 4)$ . *Experimental Mathematics*, 17(1):63–67, 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031897>.

**Dzambic:2017:CSS**

- [DR17] Amir Dzambić and Xavier Roulleau. On the cohomology of the Stover surface. *Experimental Mathematics*, 26(4):490–495, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1205533>.

**Dress:1993:FSFa**

- [Dre93] François Dress. Fonction sommatoire de la fonction de Möbius. 1. Majorations expérimentales. (French) [Upper bounds on the Möbius function. 1. Experimental maximizations]. *Experimental Mathematics*, 2(2):89–98, 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516214>.



**Delshams:1999:SSS**

- [DRR99] Amadeu Delshams and Rafael Ramírez-Ros. Singular separatrix splitting and the Melnikov method: an experimental study. *Experimental Mathematics*, 8(1):29–48, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477110>.

**Dalton:2011:SBG**

- [DRT11] Barnaby Dalton, Mustazee Rahman, and Stephen Tanny. Spot-based generations for meta-Fibonacci sequences. *Experimental Mathematics*, 20(2):129–137, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924404>.

**Dubejko:1995:CPE**

- [DS95] Tomasz Dubejko and Kenneth Stephenson. Circle packing: experiments in discrete analytic function theory. *Experimental Mathematics*, 4(4):307–348, 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674391>.

**DeMarco:2013:GCP**

- [DS13] Laura De Marco and Aaron Schiff. The geometry of the critically periodic curves in the space of cubic polynomials. *Experimental Mathematics*, 22(1):99–111, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Dubon:2014:CDN**

- [DS14] E. Dubon and J. M. Sepulcre. On the complex dimensions of nonlattice fractal strings in connection with Dirichlet polynomials. *Experimental Mathematics*, 23(1):13–24, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Dubickas:2015:CTD**

- [DS15] Arturas Dubickas and Min Sha. Counting and testing dominant polynomials. *Experimental Mathematics*, 24(3):312–325, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Damiano:2007:CMC**

- [DSS07] Alberto Damiano, Irene Sabadini, and Daniele C. Struppa. Computational methods for the construction of a class of Noetherian operators. *Experimental Mathematics*, 16(1):41–55, 2007.

CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).  
URL <http://projecteuclid.org/euclid.em/1175789800>.

**DeSchepper:2009:BF**

- [DSV09] Hennie De Schepper, Frank Sommen, and Liesbet Van de Vorde. A basic framework for discrete Clifford analysis. *Experimental Mathematics*, 18(4):385–395, ??? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158504>.

**Duke:2002:SPD**

- [DT02] W. Duke and Á. Tóth. The splitting of primes in division fields of elliptic curves. *Experimental Mathematics*, 11(4):555–565, ??? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864664>.

**DiBiase:1995:ACK**

- [DU95] Fausto Di Biase and Rüdiger Urbanke. An algorithm to calculate the kernel of certain polynomial ring homomorphisms. *Experimental Mathematics*, 4(3):227–234, ??? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621080>.

**Dujella:2001:NFC**

- [Duj01] Andrej Dujella. Newton’s formula and the continued fraction expansion of  $\sqrt{d}$ . *Experimental Mathematics*, 10(1):125–131, ??? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188427>.

**Dummigan:2001:SSF**

- [Dum01] Neil Dummigan. Symmetric square  $L$ -functions and Shafarevich–Tate groups. *Experimental Mathematics*, 10(3):383–400, ??? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786346>.

**Dummigan:2002:SSE**

- [Dum02] Neil Dummigan. Symmetric squares of elliptic curves: Rational points and Selmer groups. *Experimental Mathematics*, 11(4):457–464, ??? 2002. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864655>.

**Dummigan:2013:STF**

- [Dum13] Neil Dummigan. A simple trace formula for algebraic modular forms. *Experimental Mathematics*, 22(2):123–131, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Duquesne:2001:IPE**

- [Duq01] Sylvain Duquesne. Integral points on elliptic curves defined by simplest cubic fields. *Experimental Mathematics*, 10(1):91–102, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188423>.

**Duran:2011:RFO**

- [Dur11] Antonio J. Durán. Rodrigues’s formulas for orthogonal matrix polynomials satisfying higher-order differential equations. *Experimental Mathematics*, 20(1):15–24, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924387>.

**deWeger:1998:SED**

- [dW98] Benjamin M. M. de Weger. Solving elliptic Diophantine equations avoiding Thue equations and elliptic logarithms. *Experimental Mathematics*, 7(3):243–256, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674206>.

**Delbourgo:2010:GCP**

- [DW10] Daniel Delbourgo and Thomas Ward. The growth of CM periods over false Tate extensions. *Experimental Mathematics*, 19(2):195–210, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784790>.

**Develin:2007:TPC**

- [DY07] Mike Develin and Josephine Yu. Tropical polytopes and cellular resolutions. *Experimental Mathematics*, 16(3):277–292, 2007. CODEN 2007 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928529>.

**Dzhumadildaev:2011:AOK**

- [DZ11] Askar Dzhumadil'daev and Pasha Zusmanovich. The alternative operad is not Koszul. *Experimental Mathematics*, 20(2):138–144, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924405>.

**Eelbode:2007:SNS**

- [Eel07] D. Eelbode. Stirling numbers and spin-Euler polynomials. *Experimental Mathematics*, 16(1):55–66, 2007. CODEN 2007 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789801>.

**Eick:2009:CCG**

- [EF09] Bettina Eick and Dörte Feichtenschlager. Constructing CF groups by coclass. *Experimental Mathematics*, 18(2):205–211, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158431>.

**Enolski:2018:ADJ**

- [EF18] V. Z. Enolski and Yu. N. Fedorov. Algebraic description of Jacobians isogeneous to certain Prym varieties with polarization (1,2). *Experimental Mathematics*, 27(2):147–178, 2018. CODEN 2018 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1236357>.

**Etingof:2012:CAP**

- [EGP<sup>+</sup>12] Pavel Etingof, Sherry Gong, Aldo Pacchiano, Qingchun Ren, and Travis Schedler. Computational approaches to Poisson traces associated to finite subgroups of  $\mathrm{Sp}_{2n}((C))$ . *Experimental Mathematics*, 21(2):141–170, 2012. CODEN 2012 ISSN 1058-6458 (print), 1944-950X (electronic).

**Elkenbracht-Huizing:1996:INF**

- [EH96] Marije Elkenbracht-Huizing. An implementation of the number field sieve. *Experimental Mathematics*, 5(3):231–253, 1996. CODEN 1996 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047915103>.

**Eliahou:2004:PSC**

- [EH04] Shalom Eliahou and Delphine Hachez. On a problem of Steinhilber concerning binary sequences. *Experimental Mathematics*, 13(2):215–230, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350936>.

**Edjvet:2001:CPT**

- [EHT01] Martin Edjvet, Paul Hammond, and Nathan Thomas. Cyclic presentations of the trivial group. *Experimental Mathematics*, 10(2):303–306, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188639>.

**Epstein:1996:GFA**

- [EIFZ96] David B. A. Epstein, Anthony R. Iano-Fletcher, and Uri Zwick. Growth functions and automatic groups. *Experimental Mathematics*, 5(4):297–315, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565448>.

**Elsenhans:2010:SPD**

- [EJ10] Andreas-Stephan Elsenhans and Jörg Jahnel. On the smallest point on a diagonal cubic surface. *Experimental Mathematics*, 19(2):181–193, 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784789>.

**Eisermann:2009:WTP**

- [EL09] Michael Eisermann and Christoph Lamm. For which triangles is Pick’s formula almost correct? *Experimental Mathematics*, 18(2):187–191, 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158428>.

**Ellis:2014:HTL**

- [EL14] Graham Ellis and Luyen Van Le. Homotopy 2-types of low order. *Experimental Mathematics*, 23(4):383–389, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Epstein:1992:AJ**

- [ELdlL92] David Epstein, Silvio Levy, and Rafael de la Llave. About this journal. *Experimental Mathematics*, 1(1):??, 1992. CODEN

???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709111>.

**Elkies:2001:MWL**

- [Elk01] Noam D. Elkies. Mordell–Weil lattices in characteristic 2, III: a Mordell–Weil lattice of rank 128. *Experimental Mathematics*, 10(3):467–474, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786351>.

**Elsenhans:2011:RPS**

- [Els11] Andreas-Stephan Elsenhans. Rational points on some Fano quadratic bundles. *Experimental Mathematics*, 20(4):373–379, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367152>.

**Elsenhans:2014:NSC**

- [Els14] Andreas-Stephan Elsenhans. A note on short cosets. *Experimental Mathematics*, 23(4):411–413, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Epstein:1997:MFJ**

- [ELT+97] David Epstein, Elliott H. Lieb, Jean Taylor, Robert Almgren, Robert Kusner, Frank Morgan, John Sullivan, and Albert Marden. In memoriam: Frederick J. Almgren Jr., 1933–1997. *Experimental Mathematics*, 6(1):1–12, 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565280>.

**Elder:2002:CTD**

- [EM02] Murray Elder and Jon McCammond. Curvature testing in 3-dimensional metric polyhedral complexes. *Experimental Mathematics*, 11(1):143–160, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860322>.

**Everest:2009:GST**

- [EM09] Graham Everest and Valéry Mahé. A generalization of Siegel’s theorem and Hall’s conjecture. *Experimental Mathematics*, 18(1):1–10, 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430526>.

**Eick:2017:CTF**

- [EM17] Bettina Eick and Tobias Moede. Coclass theory for finite nilpotent associative algebras: Algorithms and a periodicity conjecture. *Experimental Mathematics*, 26(3):267–274, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1162229>.

**ElOtmmani:2014:FDM**

- [EMRSÉ14] S. El Otmmani, A. Maul, G. Rhin, and J.-M. Sac-Épée. Finding degree-16 monic irreducible integer polynomials of minimal trace by optimization methods. *Experimental Mathematics*, 23(1):1–5, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Engstrom:2009:DMF**

- [Eng09] Alexander Engström. Discrete Morse functions from Fourier transforms. *Experimental Mathematics*, 18(1):45–54, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430528>.

**Eguchi:2011:NSM**

- [EOT11] Tohru Eguchi, Hiroshi Ooguri, and Yuji Tachikawa. Notes on the  $K3$  surface and the Mathieu group  $M_{24}$ . *Experimental Mathematics*, 20(1):91–96, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924391>.

**Eelbode:2015:PSA**

- [ER15] D. Eelbode and T. Raeymaekers. Polynomial solutions for arbitrary higher spin Dirac operators. *Experimental Mathematics*, 24(3):339–354, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Elder:2015:RST**

- [ERvR15] Murray Elder, Andrew Rechnitzer, and Esaias J. Janse van Rensburg. Random sampling of trivial words in finitely presented groups. *Experimental Mathematics*, 24(4):391–409, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Edjvet:2014:ICP**

- [ES14] Martin Edjvet and Jerry Swan. On irreducible cyclic presentations of the trivial group. *Experimental Mathematics*, 23(2): 181–189, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Escudero:2014:ARL**

- [Esc14] Juan García Escudero. Arrangements of real lines and surfaces with  $A$  and  $D$  singularities. *Experimental Mathematics*, 23(4): 482–491, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Elias:2010:MPR**

- [ESTB10] Ben Elias, Lior Silberman, and Ramin Takloo-Bighash. Minimal permutation representations of nilpotent groups. *Experimental Mathematics*, 19(1):121–128, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404806>.

**Enge:2014:CCP**

- [ET14] Andreas Enge and Emmanuel Thomé. Computing class polynomials for Abelian surfaces. *Experimental Mathematics*, 23(2): 129–145, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Earl:2016:ICW**

- [EVV16] Jonathan Earl, Kevin N. Vander Meulen, and Adam Van Tuyl. Independence complexes of well-covered circulant graphs. *Experimental Mathematics*, 25(4):441–451, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Everest:1998:DIG**

- [EW98] Graham Everest and Thomas Ward. A dynamical interpretation of the global canonical height on an elliptic curve. *Experimental Mathematics*, 7(4):305–316, ???? 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674148>.

**Faber:2009:GBC**

- [Fab09] X. W. C. Faber. The geometric Bogomolov conjecture for curves of small genus. *Experimental Mathematics*, 18(3):347–367, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-



950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158471>.

**Fermigier:1992:ZFC**

- [Fer92] Stéphane Fermigier. Zéros des fonctions  $L$  de courbes elliptiques. (French) [Zeros of  $L$  functions on elliptic curves]. *Experimental Mathematics*, 1(2):167–173, 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709051>.

**Fermigier:1996:EED**

- [Fer96] Stéphane Fermigier. Étude expérimentale du rang de familles de courbes elliptiques sur  $\mathbf{Q}$ . (French) [Experimental study of the rank of families of elliptic curves on  $\mathbf{Q}$ ]. *Experimental Mathematics*, 5(2):119–130, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565643>.

**Fornaess:1999:TRC**

- [FG99] John Erik Fornæss and Estela A. Gavosto. Tangencies for real and complex Hénon maps: an analytic method. *Experimental Mathematics*, 8(3):253–260, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262406>.

**Fominykh:2016:CTH**

- [FGG<sup>+</sup>16] Evgeny Fominykh, Stavros Garoufalidis, Matthias Goerner, Vladimir Tarkaev, and Andrei Vesnin. A census of tetrahedral hyperbolic manifolds. *Experimental Mathematics*, 25(4):466–481, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Falbel:2016:CVF**

- [FGK<sup>+</sup>16] E. Falbel, A. Guilloux, P.-V. Koseleff, F. Rouillier, and M. Thistlethwaite. Character varieties for : The figure eight knot. *Experimental Mathematics*, 25(2):219–235, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Finis:2010:CL**

- [FGT10] Tobias Finis, Fritz Grunewald, and Paulo Tirao. The cohomology of lattices in  $\mathrm{SL}(2, \mathbf{C})$ . *Experimental Mathematics*, 19(1):

29–63, ????. 2010. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404802>.

**Freitag:1999:DIQ**

- [FH99] Eberhard Freitag and Bruce Hunt. The dual of the invariant quintic. *Experimental Mathematics*, 8(2):151–155, ????. 1999. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477058>.

**Fang:2010:MFN**

- [FHL<sup>+</sup>10] Liqun Fang, J. William Hoffman, Benjamin Linowitz, Andrew Rupinski, and Helena Verrill. Modular forms on noncongruence subgroups and Atkin–Swinnerton-Dyer relations. *Experimental Mathematics*, 19(1):1–27, ????. 2010. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404801>.

**Fujima:2018:NCN**

- [FI18] Shoichi Fujima and Humio Ichimura. Note on the class number of the  $p$ th cyclotomic field, II. *Experimental Mathematics*, 27(1):111–118, 2018. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1230528>.

**Fieker:2007:SRC**

- [Fie07] Claus Fieker. Sparse representation for cyclotomic fields. *Experimental Mathematics*, 16(4):493–500, ????. 2007. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836517>.

**Finch:1992:PAS**

- [Fin92] Steven R. Finch. Patterns in 1-additive sequences. *Experimental Mathematics*, 1(1):57–63, ????. 1992. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709116>.

**Firsching:2015:CMC**

- [Fir15] Moritz Firsching. Computing maximal copies of polyhedra contained in a polyhedron. *Experimental Mathematics*, 24(1):98–105, 2015. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic).

**Furukado:2014:NMS**

- [FIS<sup>+</sup>14] Maki Furukado, Shunji Ito, Asaki Saito, Jun ichi Tamura, and Shin ichi Yasutomi. A new multidimensional slow continued fraction algorithm and stepped surface. *Experimental Mathematics*, 23(4):390–410, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ford:1993:WDS**

- [FJ93] David Ford and Vijay Jha. On Wendt’s determinant and Sophie Germain’s theorem. *Experimental Mathematics*, 2(2):113–120, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516216>.

**Ford:1996:DLS**

- [FJ96] David Ford and Kenneth W. Johnson. Determinants of Latin squares of order 8. *Experimental Mathematics*, 5(4):317–325, ???? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565449>.

**Friedman:1994:MMT**

- [FJS94] Jane Friedman, James T. Joichi, and Dennis Stanton. More monotonicity theorems for partitions. *Experimental Mathematics*, 3(1):31–37, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621001>.

**Fukuda:2002:NEI**

- [FK02] Takashi Fukuda and Keiichi Komatsu. Noncyclotomic  $Z_p$ -extensions of imaginary quadratic fields. *Experimental Mathematics*, 11(4):469–475, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864657>.

**Fukuda:2009:WCN**

- [FK09] Takashi Fukuda and Keiichi Komatsu. Weber’s class number problem in the cyclotomic  $Z_2$ -extension of  $\mathbb{Q}$ . *Experimental Mathematics*, 18(2):213–222, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158432>.

**Fearnley:2010:CVD**

- [FK10] Jack Fearnley and Hershy Kisilevsky. Critical values of derivatives of twisted elliptic  $L$ -functions. *Experimental Mathematics*, 19(2):149–160, 2010. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784786>.

**Fearnley:2012:CVH**

- [FK12] Jack Fearnley and Hershy Kisilevsky. Critical values of higher derivatives of twisted elliptic  $L$ -functions. *Experimental Mathematics*, 21(3):213–222, 2012. CODEN 1944-950X (print), 1944-950X (electronic).

**Forsgærd:2015:CRD**

- [FKS15] Jens Forsgærd, Vladimir P. Kostov, and Boris Z. Shapiro. Could René Descartes have known this? *Experimental Mathematics*, 24(4):438–448, 2015. CODEN 1944-950X (print), 1944-950X (electronic).

**Flammang:2008:ATP**

- [Fla08] V. Flammang. On the absolute trace of polynomials having all zeros in a sector. *Experimental Mathematics*, 17(4):443–450, 2008. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429957>.

**Feuerverger:2000:BSR**

- [FM00] Andrey Feuerverger and Greg Martin. Biases in the Shanks–Rényi prime number race. *Experimental Mathematics*, 9(4):535–570, October 2000. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759521>.

**Frigerio:2004:SHM**

- [FMP04] Roberto Frigerio, Bruno Martelli, and Carlo Petronio. Small hyperbolic 3-manifolds with geodesic boundary. *Experimental Mathematics*, 13(2):171–184, 2004. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350932>.

**Ford:1992:TRE**

- [FP92] David Ford and Michael Pohst. The totally real  $A_5$  extension of degree 6 with minimum discriminant. *Experimental Mathe-*

*maths*, 1(3):231–235, 1992. CODEN 1992 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622026>.

**Ford:1993:TRE**

- [FP93] David Ford and Michael Pohst. The totally real  $A_6$  extension of degree 6 with minimum discriminant. *Experimental Mathematics*, 2(3):231–232, 1993. CODEN 1993 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620833>.

**Flassenberg:1999:SFF**

- [FP99] Ralf Flassenberg and Sachar Paulus. Sieving in function fields. *Experimental Mathematics*, 8(4):339–349, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262356>.

**Ford:1998:EDM**

- [FPDH98] David Ford, Michael Pohst, Mario Daberkow, and Nasser Haddad. The  $S_5$  extensions of degree 6 with minimum discriminant. *Experimental Mathematics*, 7(2):121–124, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515659>.

**Fermi:1955:SNP**

- [FPU55] Enrico Fermi, John Pasta, and Stanisław M. Ulam. Studies of nonlinear problems. I. Technical Report LA-1940, Los Alamos Scientific Laboratory, Los Alamos, NM, USA, May 1955. 22 pp. URL <http://www.osti.gov/accomplishments/documents/fullText/ACC0041.pdf>. Also in *Enrico Fermi: Collected Papers, volume 2*, edited by Edoardo Amaldi, Herbert L. Anderson, Enrico Persico, Emilio Segré, and Albedo Wattenberg. Chicago: University of Chicago Press, 1965.

**Flajolet:1998:ESC**

- [FS98] Philippe Flajolet and Bruno Salvy. Euler sums and contour integral representations. *Experimental Mathematics*, 7(1):15–35, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674270>.

**Ford:2010:CBP**

- [FS10] Kevin Ford and Jason Sneed. Chebyshev's bias for products of two primes. *Experimental Mathematics*, 19(4):385–398, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758099>.

**Fuchs:2011:SEI**

- [FS11] Elena Fuchs and Katherine Sanden. Some experiments with integral Apollonian circle packings. *Experimental Mathematics*, 20(4):380–399, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367153>.

**Farashahi:2012:GSR**

- [FS12] Reza Rezaeian Farashahi and Igor E. Shparlinski. On group structures realized by elliptic curves over a fixed finite field. *Experimental Mathematics*, 21(1):1–10, 2012. CODEN 2012 ISSN 1058-6458 (print), 1944-950X (electronic).

**Fukumoto:2011:IFS**

- [Fuk11] Yoshihiro Fukumoto.  $w$ -invariants and the Fintushel–Stern invariants for plumbed homology 3-spheres. *Experimental Mathematics*, 20(1):1–14, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924386>.

**Floyd:2002:AH**

- [FWW02] William Floyd, Brian Weber, and Jeffrey Weeks. The Achilles' Heel of  $O(3,1)$ ? *Experimental Mathematics*, 11(1):91–97, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860318>.

**Gaal:2001:PIB**

- [Gaa01] István Gaál. Power integral bases in cubic relative expansions. *Experimental Mathematics*, 10(1):133–139, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188428>.

**Gaal:2015:CSS**

- [Gaa15] István Gaál. Calculating “small” solutions of relative Thue equations. *Experimental Mathematics*, 24(2):142–149, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Galbraith:1999:RP**

- [Gal99] Steven D. Galbraith. Rational points on  $X_0^+(p)$ . *Experimental Mathematics*, 8(4):311–318, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262354>.

**Galetto:2014:CMO**

- [Gal14] Federico Galetto. Computational methods for orbit closures in a representation with finitely many orbits. *Experimental Mathematics*, 23(3):310–321, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ganz:2014:DES**

- [Gan14] Reinhard E. Ganz. The decimal expansion of  $\pi$  is not statistically random. *Experimental Mathematics*, 23(2):99–104, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ganz:2017:RRC**

- [Gan17] Reinhard E. Ganz. Reply to “Reproducibility in Computational Science: A Case Study: Randomness of the Digits of Pi” [Bailey et al. 17]. *Experimental Mathematics*, 26(3):306–307, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1173413>. See [BBBR17].

**Garunkstis:2002:SIC**

- [Gar02] R. Garunkštis. On some inequalities concerning  $\pi(x)$ . *Experimental Mathematics*, 11(2):297–301, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621222>.

**GarciaEscudero:2017:TSP**

- [Gar17] Juan García Escudero. Threefolds from solutions of a partial differential equation. *Experimental Mathematics*, 26(2):189–196, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1149124>.

**Grosse-Brauckmann:1997:GCM**

- [GB97] Karsten Große-Brauckmann. Gyroids of constant mean curvature. *Experimental Mathematics*, 6(1):33–50, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565282>.

**Grosse-Brauckmann:1997:CCM**

- [GBP97] Karsten Große-Brauckmann and Konrad Polthier. Compact constant mean curvature surfaces with low genus. *Experimental Mathematics*, 6(1):13–32, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565281>.

**Grunenbaum:2007:MVO**

- [GdlI07] F. Alberto Grünenbaum and Manuel D. de la Iglesia. Matrix-valued orthogonal polynomials related to  $SU(N + 1)$ , their algebras of differential operators, and the corresponding curves. *Experimental Mathematics*, 16(2):189–208, 2007. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905875>.

**Gebhardt:2000:TSP**

- [Geb00] Volker Gebhardt. Two short presentations for Lyons' sporadic simple group. *Experimental Mathematics*, 9(3):333–338, 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604668>.

**Gerver:2003:NSD**

- [Ger03] Joseph L. Gerver. Noncollision singularities: Do four bodies suffice? *Experimental Mathematics*, 12(2):187–198, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634730>.

**Gravner:1997:NPD**

- [GG97] Janko Gravner and David Griffeath. Nucleation parameters for discrete threshold growth on  $\mathbf{Z}^2$ . *Experimental Mathematics*, 6(3):207–220, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920421>.



**Gaudry:2003:CPM**

- [GG03] Pierrick Gaudry and Nicolas Gürel. Counting points in medium characteristic using Kedlaya’s algorithm. *Experimental Mathematics*, 12(4):395–402, 2003. CODEN 2003. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568016>.

**Gravner:2006:MSC**

- [GG06] Janko Gravner and David Griffeath. Modeling snow crystal growth I: Rigorous results for Packard’s digital snowflakes. *Experimental Mathematics*, 15(4):421–444, 2006. CODEN 2006. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789778>.

**Gine:2011:PSC**

- [GGM11] E. Giné, C. S. Güntürk, and W. R. Madych. On the periodized square of  $L^2$  cardinal splines. *Experimental Mathematics*, 20(2):177–188, 2011. CODEN 2011. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924409>.

**Grunewald:1996:NSE**

- [GH96] Fritz Grunewald and Wolfgang Huntebrinker. A numerical study of eigenvalues of the hyperbolic Laplacian for polyhedra with one cusp. *Experimental Mathematics*, 5(1):57–80, 1996. CODEN 1996. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047591148>.

**Goodman:2008:CCH**

- [GHH08] Oliver Goodman, Damian Heard, and Craig Hodgson. Commensurators of cusped hyperbolic manifolds. *Experimental Mathematics*, 17(3):283–306, 2008. CODEN 2008. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121383>.

**Gerber:2003:REP**

- [GHK03] Marlies Gerber, Boris Hasselblatt, and Daniel Keesing. The Riccati equation: Pinching of forcing and solutions. *Experimental Mathematics*, 12(2):129–134, 2003. CODEN 2003. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634727>.

**Gunnells:2013:MFE**

- [GHY13] Paul E. Gunnells, Farshid Hajir, and Dan Yasaki. Modular forms and elliptic curves over the field of fifth roots of unity. *Experimental Mathematics*, 22(2):203–216, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Girondo:2003:MQR**

- [Gir03] Ernesto Girondo. Multiply quasiplatonic Riemann surfaces. *Experimental Mathematics*, 12(4):463–476, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568022>.

**Gaal:2003:RPD**

- [GJL03] István Gaál, István Járasi, and Florian Luca. A remark on prim divisors of lengths of sides of heron triangles. *Experimental Mathematics*, 12(3):303–310, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329233>.

**Gonzalez:2012:STD**

- [GJU12] Josep González and Jorge Jiménez-Urroz. The Sato–Tate distribution and the values of Fourier coefficients of modular newforms. *Experimental Mathematics*, 21(1):84–102, 2012. CODEN 1058-6458 (print), 1944-950X (electronic).

**Garoufalidis:2012:NPP**

- [GK12] Stavros Garoufalidis and Christoph Koutschan. The noncommutative  $A$ -polynomial of  $(-2, 3, n)$  pretzel knots. *Experimental Mathematics*, 21(3):241–251, 2012. CODEN 1058-6458 (print), 1944-950X (electronic).

**Gneiting:2001:EAK**

- [GKR01] Tilmann Gneiting, Kjell Konis, and Donald Richards. Experimental approaches to Kuttner’s problem. *Experimental Mathematics*, 10(1):117–124, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188426>.

**Gorsky:2015:SHT**

- [GL15] Eugene Gorsky and Lukas Lewark. On stable  $f\uparrow_3$ -homology of torus knots. *Experimental Mathematics*, 24(2):162–174, 2015. CODEN 1058-6458 (print), 1944-950X (electronic).

**Golmakani:2016:UEO**

- [GLP16] Ali Golmakani, Stefano Luzzatto, and Pawel Pilarczyk. Uniform expansivity outside a critical neighborhood in the quadratic family. *Experimental Mathematics*, 25(2):116–124, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Geck:1999:SPU**

- [GM99] Meinolf Geck and Gunter Malle. On special pieces in the unipotent variety. *Experimental Mathematics*, 8(3):281–290, ???? 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262408>.

**Geller:2005:IL**

- [GM05] William Geller and Michał Misiurewicz. Irrational life. *Experimental Mathematics*, 14(3):271–275, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371752>.

**Grunberg:2008:SEG**

- [GM08] Daniel B. Grünberg and Pieter Moree. Sequences of enumerative geometry: Congruences and asymptotics, with an appendix by Don Zagier. *Experimental Mathematics*, 17(4):409–426, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429954>.

**Guitart:2013:CAD**

- [GM13] Xavier Guitart and Marc Masdeu. Computation of ATR Darmon points on nongeometrically modular elliptic curves. *Experimental Mathematics*, 22(1):85–98, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Guitart:2018:PMT**

- [GM18] Xavier Guitart and Marc Masdeu. Periods of modular  $GL_2$ -type Abelian varieties and  $p$ -adic integration. *Experimental Mathematics*, 27(3):344–361, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1284624>.

**Garcia-Morchon:2014:IAP**

- [GMRST14] Oscar Garcia-Morchon, Ronald Rietman, Igor E. Shparlinski, and Ludo Tolhuizen. Interpolation and approximation of polynomials in finite fields over a short interval from noisy values. *Experimental Mathematics*, 23(3):241–260, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gutierrez:1996:CCA**

- [GMSB96] Carlos Gutierrez, Francesco Mercuri, and Federico Sánchez-Bringas. On a conjecture of Carathéodory: analyticity versus smoothness. *Experimental Mathematics*, 5(1):33–37, ???? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047591145>.

**Gelfreich:2009:WHZ**

- [GN09] V. Gelfreich and V. Naudot. Width of the homoclinic zone in the parameter space for quadratic maps. *Experimental Mathematics*, 18(4):409–427, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158506>.

**Goetgheluck:1993:FZS**

- [Goe93] Pierre Goetgheluck. Fresnel zones on the screen. *Experimental Mathematics*, 2(4):301–309, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516039>.

**Gaal:2002:PIB**

- [GOP02] István Gaál, Péter Olajos, and Michael Pohst. Power integral bases in orders of composite fields. *Experimental Mathematics*, 11(1):87–90, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860317>.

**Gorsky:2013:SKH**

- [GOR13] Eugene Gorsky, Alexei Oblomkov, and Jacob Rasmussen. On stable Khovanov homology of torus knots. *Experimental Mathematics*, 22(3):265–281, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gorner:2015:RTL**

- [Gör15] Matthias Görner. Regular tessellation link complements. *Experimental Mathematics*, 24(2):225–246, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gouvea:1997:NOP**

- [Gou97] Fernando Q. Gouvêa. Non-ordinary primes: a story. *Experimental Mathematics*, 6(3):195–205, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920420>.

**Gray:1992:CGN**

- [GP92] Alfred Gray and Mark A. Pinsky. Computer graphics and a new Gibbs phenomenon for Fourier–Bessel series. *Experimental Mathematics*, 1(4):313–316, ???? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048610119>.

**Gilbert:1994:TNN**

- [GP94] Peter Gilbert and Eric Postpischil. There are no new homometric Golomb ruler pairs with 12 marks or less. *Experimental Mathematics*, 3(2):147–152, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620908>.

**Gaal:2006:DEG**

- [GP06] István Gaál and Michael Pohst. Diophantine equations over global function fields II:  $R$ -integral solutions of Thue equations. *Experimental Mathematics*, 15(1):1–6, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476898>.

**Garcia-Puente:2012:SCR**

- [GPHH<sup>+</sup>12] Luis D. García-Puente, Nickolas Hein, Christopher Hillar, Abraham Martín del Campo, James Ruffo, Frank Sottile, and Zach Teitler. The secant conjecture in the real Schubert calculus. *Experimental Mathematics*, 21(3):252–265, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gaal:1994:RIF**

- [GPP94] István Gaál, Attila Pethő, and Michael Pohst. On the resolution of index form equations in dihedral quartic number fields. *Ex-*

*perimental Mathematics*, 3(3):245–254, 1994. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515874>.

**Gomez-Perez:2018:API**

- [GPS18] Domingo Gómez-Pérez and Igor E. Shparlinski. Arithmetic properties of integers in chains and reflections of  $g$ -ary expansions. *Experimental Mathematics*, 27(2):184–192, 2018. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1239146>.

**Geiges:2000:PAS**

- [GR00] Hansjörg Geiges and Diego Rattaggi. Periodic automorphisms of surfaces: invariant circles and maximal orders. *Experimental Mathematics*, 9(1):75–84, 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889592>.

**Granboulan:1996:CER**

- [Gra96] Louis Granboulan. Construction d’une extension régulière de  $\mathbf{Q}(T)$  de groupe de Galois  $M_{24}$ . (French) [Construction of a regular extension of  $\mathbf{Q}(T)$  for the Galois group  $M_{24}$ ]. *Experimental Mathematics*, 5(1):3–14, 1996. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047591143>.

**Graca:2002:CNF**

- [Gra02] Mário M. Graça. On the computation of nonhyperbolic fixed points. *Experimental Mathematics*, 11(4):477–485, 2002. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864658>.

**Greicius:2010:ECS**

- [Gre10] Aaron Greicius. Elliptic curves with surjective adelic Galois representations. *Experimental Mathematics*, 19(4):495–507, 2010. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758108>.

**Gethner:1997:PGM**

- [GS97] Ellen Gethner and H. M. Stark. Periodic Gaussian moats. *Experimental Mathematics*, 6(4):289–292, 1997. CODEN 1058-6458 (print), 1944-950X (electronic).

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047047189>.

**GrafvonBothmer:2005:QDI**

- [GS05] H.-C. Graf von Bothmer and F.-O. Schreyer. A quick and dirty irreducibility test for multivariate polynomials over  $\mathbf{F}_q$ . *Experimental Mathematics*, 14(4):415–422, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926972>.

**Garoufalidis:2016:ECL**

- [GSS16] Stavros Garoufalidis, Eric Sabo, and Shane Scott. Exact computation of the  $n$ -loop invariants of knots. *Experimental Mathematics*, 25(2):125–129, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Garcia-Selfa:2006:SAP**

- [GST06] Irene García-Selfa and José M. Tornero. On simultaneous arithmetic progressions on elliptic curves. *Experimental Mathematics*, 15(4):471–478, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789781>.

**Guckenheimer:1995:PPP**

- [Guc95] John Guckenheimer. Phase portraits of planar vector fields: computer proofs. *Experimental Mathematics*, 4(2):153–165, 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931624>.

**Guillera:2003:ANK**

- [Gui03] Jesús Guillera. About a new kind of Ramanujan-type series. *Experimental Mathematics*, 12(4):507–510, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568026>.

**Guillera:2006:CCS**

- [Gui06a] Jesús Guillera. A class of conjectured series representations for  $1/\pi$ . *Experimental Mathematics*, 15(4):409–414, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789776>.

**Guillera:2006:NMO**

- [Gui06b] Jesús Guillera. A new method to obtain series for  $1/\pi$  and  $1/\pi^2$ . *Experimental Mathematics*, 15(1):83–89, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476906>.

**Guillera:2012:MSR**

- [Gui12] Jesús Guillera. Mosaic supercongruences of Ramanujan type. *Experimental Mathematics*, 21(1):65–68, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gunnells:2000:CHE**

- [Gun00] Paul E. Gunnells. Computing Hecke eigenvalues below the cohomological dimension. *Experimental Mathematics*, 9(3):351–367, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604670>.

**Gronau:2018:BEA**

- [GW18] Quentin F. Gronau and Eric-Jan Wagenmakers. Bayesian evidence accumulation in experimental mathematics: A case study of four irrational numbers. *Experimental Mathematics*, 27(3):277–286, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1256006>.

**Gopaladesikan:2016:APF**

- [GWW16] Mohan Gopaladesikan, Stephan Wagner, and Mark Daniel Ward. On the asymptotic probability of forbidden motifs on the fringe of recursive trees. *Experimental Mathematics*, 25(3):237–245, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Goksel:2015:RCF**

- [GXB15] Vefa Goksel, Shixiang Xia, and Nigel Boston. A refined conjecture for factorizations of iterates of quadratic polynomials over finite fields. *Experimental Mathematics*, 24(3):304–311, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Gaidashev:2007:CRS**

- [GY07] Denis Gaidashev and Michael Yampolsky. Cylinder renormalization of Siegel disks. *Experimental Mathematics*, 16(2):215–



226, 2007. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905877>.

**Goshima:2010:DSH**

- [GY10] Masato Goshima and Masakazu Yamagishi. On the dimension of the space of harmonic functions on a discrete torus. *Experimental Mathematics*, 19(4):421–429, 2010. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758102>.

**Halberstadt:1998:CM**

- [Hal98] Emmanuel Halberstadt. Sur la courbe modulaire  $X_{\text{ndép}}(11)$ . *Experimental Mathematics*, 7(2):163–174, 1998. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515664>.

**Hall:2014:PES**

- [Hal14] Stuart J. Hall. Perelman’s entropy for some families of canonical metrics. *Experimental Mathematics*, 23(3):277–284, 2014. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic).

**Han:2009:SCO**

- [Han09] Guo-Niu Han. Some conjectures and open problems on partition hook lengths. *Experimental Mathematics*, 18(1):97–106, 2009. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430533>.

**Hardcastle:2002:TDG**

- [Har02] D. M. Hardcastle. The three-dimensional Gauss algorithm is strongly convergent almost everywhere. *Experimental Mathematics*, 11(1):131–141, 2002. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860321>.

**Hare:2011:GGW**

- [Har11] Kevin G. Hare. Generalized Gorshkov–Wirsing polynomials and the integer Chebyshev problem. *Experimental Mathematics*, 20(2):189–200, 2011. CODEN 2267 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924410>.

- [Har15] Kevin G. Hare. Base- $d$  expansions with digits 0 to  $q - 1$ . *Experimental Mathematics*, 24(3):295–303, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). **Hare:2015:BED**
- [HdC02] Toby Hall and André de Carvalho. The forcing relation for horseshoe braid types. *Experimental Mathematics*, 11(2):271–288, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621220>. **Hall:2002:FRH**
- [HdJF06] D. Hacon, C. Mendes de Jesus, and M. C. Romero Fuster. Fold maps from the sphere to the plane. *Experimental Mathematics*, 15(4):491–497, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789783>. **Hacon:2006:FMS**
- [He02] Zheng-Xu He. On the minimizers of the Möbius cross energy of links. *Experimental Mathematics*, 11(2):244–248, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621218>. **He:2002:MMC**
- [Hen18] Martin Henk. A note on lattice packings via lattice refinements. *Experimental Mathematics*, 27(1):1–9, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1208595>. **Henk:2018:NLP**
- [HHdC<sup>+</sup>15] Nickolas Hein, Christopher J. Hillar, Abraham Martín del Campo, Frank Sottile, and Zach Teitler. The monotone secant conjecture in the real Schubert calculus. *Experimental Mathematics*, 24(3):261–269, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). **Hein:2015:MSC**
- [HHMP10] Damian Heard, Craig Hodgson, Bruno Martelli, and Carlo Petronio. Hyperbolic graphs of small complexity. *Experimental Mathematics*, 19(2):211–236, ???? 2010. CODEN ???? **Heard:2010:HGS**

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784791>.

**Hikami:2003:VCA**

- [Hik03] Kazuhiro Hikami. Volume conjecture and asymptotic expansion of  $q$ -series. *Experimental Mathematics*, 12(3):319–338, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329235>.

**Hoffman:2016:VCH**

- [HIK<sup>+</sup>16] Neil Hoffman, Kazuhiro Ichihara, Masahide Kashiwagi, Hidetoshi Masai, Shin'ichi Oishi, and Akitoshi Takayasu. Verified computations for hyperbolic 3-manifolds. *Experimental Mathematics*, 25(1):66–78, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Hauenstein:2013:ELB**

- [HIL13] Jonathan D. Hauenstein, Christian Ikenmeyer, and J. M. Landsberg. Equations for lower bounds on border rank. *Experimental Mathematics*, 22(4):372–383, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Hiraoka:2000:NCT**

- [Hir00] Yoshio Hiraoka. Numerical calculation of twisted adjoint  $L$ -values attached to modular forms. *Experimental Mathematics*, 9(1):67–73, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889591>.

**Hodgson:2016:NGV**

- [HIS16] Craig D. Hodgson, Ahmad Issa, and Henry Segerman. Non-geometric veering triangulations. *Experimental Mathematics*, 25(1):17–45, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Hamenstadt:2002:SFT**

- [HK02a] Ursula Hamenstädt and Roman Koch. Systoles of a family of triangle surfaces. *Experimental Mathematics*, 11(2):249–270, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621219>.

**Hardcastle:2002:DGT**

- [HK02b] D. M. Hardcastle and K. Khanin. The  $d$ -dimensional Gauss transformation: Strong convergence and Lyapunov exponents. *Experimental Mathematics*, 11(1):119–129, 2002. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860320>.

**Halberstadt:2003:CM**

- [HK03] Emmanuel Halberstadt and Alain Kraus. Sur la courbe modulaire  $X_E(7)$ . *Experimental Mathematics*, 12(1):27–40, 2003. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858782>.

**Hajdu:2013:OPL**

- [HKPP13] L. Hajdu, T. Kovács, A. Pethő, and M. Pohst. An optimization problem for lattices. *Experimental Mathematics*, 22(4):443–455, 2013. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic).

**Hsu:1992:MSM**

- [HKS92] Lucas Hsu, Rob Kusner, and John Sullivan. Minimizing the squared mean curvature integral for surfaces in space forms. *Experimental Mathematics*, 1(3):191–207, 1992. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622023>.

**Hauenstein:2015:EZH**

- [HLLM15] J. D. Hauenstein, A. Lerario, E. Lundberg, and D. Mehta. Experiments on the zeros of harmonic polynomials using certified counting. *Experimental Mathematics*, 24(2):133–141, 2015. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic).

**Holmes:2003:PRM**

- [HLM03] Petra E. Holmes, Stephen A. Linton, and Scott H. Murray. Product replacement in the monster. *Experimental Mathematics*, 12(1):123–126, 2003. CODEN 1111 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858789>.

**Hayat-Legrand:2001:CCD**

- [HLMZ01] Claude Hayat-Legrand, Sergei Matveev, and Heiner Zeischang. Computer calculation of the degree of maps into the Poincaré

homology sphere. *Experimental Mathematics*, 10(4):497–508, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855249>.

**Hougardy:2010:SRI**

[HLZ10] Stefan Hougardy, Frank H. Lutz, and Mariano Zelke. Surface realization with the intersection segment functional. *Experimental Mathematics*, 19(1):79–92, 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404804>.

**Hart:2002:ASF**

[HM02] Enric Hart and Daniel Maisner. Abelian surfaces over finite fields as Jacobians. *Experimental Mathematics*, 11(3):321–337, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777425>.

**Hering:2012:GMH**

[HM12] Milena Hering and Diane Maclagan. The  $T$ -graph of a multi-graded Hilbert scheme. *Experimental Mathematics*, 21(3):280–297, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Havas:1998:EGH**

[HMM98] George Havas, Bohdan S. Majewski, and Keith R. Matthews. Extended GCD and Hermite normal form algorithms via lattice basis reduction. *Experimental Mathematics*, 7(2):125–136, 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515660>. See addenda and errata [HMM99].

**Havas:1999:AEE**

[HMM99] George Havas, Bohdan S. Majewski, and Keith R. Matthews. Addenda and errata: “Extended GCD and Hermite normal form algorithms via lattice basis reduction. *Experimental Mathematics*, 8(2):205, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477061>. See [HMM98].

- Haralick:2005:HWM**
- [HMM05] R. M. Haralick, A. D. Miasnikov, and A. G. Myasnikov. Heuristics for the Whitehead minimization problem. *Experimental Mathematics*, 14(1):7–14, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145566>.
- Hanrot:2010:CTK**
- [HMT10] Guillaume Hanrot, Bruno Martin, and Gérald Tenenbaum. Constantes de Turán–Kubilius friables: une étude numérique. (French) [Reducible Turán–Kubilius constants: a numerical study]. *Experimental Mathematics*, 19(3):345–361, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758096>.
- Holt:1995:APF**
- [Hol95] Derek F. Holt. An alternative proof that the Fibonacci group  $F(2,9)$  is infinite. *Experimental Mathematics*, 4(2):97–100, 1995. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931620>.
- Holmes:2004:MFS**
- [Hol04] P. E. Holmes. On minimal factorisations of sporadic groups. *Experimental Mathematics*, 13(4):435–440, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106435>.
- Hopkins:2010:HWH**
- [Hop10] Kimberly Hopkins. Higher-weight Heegner points. *Experimental Mathematics*, 19(3):257–266, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758090>.
- Horn:2014:CFH**
- [Hor14] Peter D. Horn. On computing the first higher-order Alexander modules of knots. *Experimental Mathematics*, 23(2):153–169, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).
- Heilman:2011:OPR**
- [HOS11] Steven M. Heilman, Philip Owrutsky, and Robert S. Strichartz. Orthogonal polynomials with respect to self-similar measures.

*Experimental Mathematics*, 20(3):238–259, 2011. CODEN  
 ISSN 1058-6458 (print), 1944-950X (electronic). URL  
<http://projecteuclid.org/euclid.em/1317924418>.

**Hayata:2012:ZCS**

- [HOY12] Takahiro Hayata, Takayuki Oda, and Tomoki Yatougo. Zero cells of the Siegel–Gottschling fundamental domain of degree 2. *Experimental Mathematics*, 21(3):266–279, 2012. CODEN ISSN 1058-6458 (print), 1944-950X (electronic).

**Hentzel:2006:NFA**

- [HP06] I. R. Hentzel and L. A. Peresi. The nucleus of the free alternative algebra. *Experimental Mathematics*, 15(4):445–454, 2006. CODEN ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789779>.

**Hentzel:2008:NED**

- [HP08] I. R. Hentzel and L. A. Peresi. Nuclear elements of degree 6 in the free alternative algebra. *Experimental Mathematics*, 17(2):245–255, 2008. CODEN ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118975>.

**Helfgott:2013:NVT**

- [HP13] H. A. Helfgott and David J. Platt. Numerical verification of the ternary Goldbach conjecture up to  $8.875 \cdot 10^{30}$ . *Experimental Mathematics*, 22(4):406–409, 2013. CODEN ISSN 1058-6458 (print), 1944-950X (electronic).

**Hasselblatt:2014:IFS**

- [HP14] Boris Hasselblatt and Donald Plante Jr. On the interior of “fat” Sierpiński triangles. *Experimental Mathematics*, 23(3):285–309, 2014. CODEN ISSN 1058-6458 (print), 1944-950X (electronic).

**Habsieger:2018:NNU**

- [HP18] Laurent Habsieger and Alain Plagne. A numerical note on upper bounds for  $B_2[g]$  sets. *Experimental Mathematics*, 27(2):208–214, 2018. CODEN ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1245640>.

**Heard:2008:OOM**

- [HPP08] Damian Heard, Ekaterina Pervova, and Carlo Petronio. The 191 orientable octahedral manifolds. *Experimental Mathematics*, 17(4):473–486, 2008. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429960>.

**Hejhal:1992:TMW**

- [HR92a] Dennis A. Hejhal and Barry N. Rackner. On the topography of Maass waveforms for  $\mathrm{PSL}(2, \mathbf{Z})$ . *Experimental Mathematics*, 1(4):275–305, 1992. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048610117>.

**Holt:1992:INP**

- [HR92b] Derek F. Holt and Sarah Rees. An implementation of the Neumann–Praeger algorithm for the recognition of special linear groups. *Experimental Mathematics*, 1(3):237–242, 1992. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622027>.

**Holt:1996:FQF**

- [HR96] Derek F. Holt and Sarah Rees. Free quotients of finitely presented groups. *Experimental Mathematics*, 5(1):49–56, 1996. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047591147>.

**Havas:2003:ICP**

- [HR03] George Havas and Edmund F. Robertson. Irreducible cyclic presentations of the trivial group. *Experimental Mathematics*, 12(4):487–490, 2003. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568024>.

**Hausmann:2004:SCE**

- [HR04] Jean-Claude Hausmann and Eugenio Rodriguez. The space of clouds in Euclidean space. *Experimental Mathematics*, 13(1):31–48, 2004. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894088>.



**Hare:2014:KCA**

- [HR14a] Kathryn E. Hare and L. Thomas Ramsey. Kronecker constants of arithmetic progressions. *Experimental Mathematics*, 23(4):414–422, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Hoge:2014:ZMA**

- [HR14b] Torsten Hoge and Gerhard Röhrle. Ziegler’s multireflection arrangements are free. *Experimental Mathematics*, 23(4):448–451, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Henson:2017:OAR**

- [HRSS17] Joe Henson, David Rideout, Rafael D. Sorkin, and Sumati Surya. Onset of the asymptotic regime for (uniformly random) finite orders. *Experimental Mathematics*, 26(3):253–266, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1158134>.

**Huang:2001:STF**

- [HS01] Nina N. Huang and Robert S. Strichartz. Sampling theory for functions with fractal spectrum. *Experimental Mathematics*, 10(4):619–640, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855261>.

**Hermiller:2005:CFP**

- [HS05] Susan Hermiller and Irena Swanson. Computations with Frobenius powers. *Experimental Mathematics*, 14(2):161–173, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100129>.

**Ham:2007:MDP**

- [HS07] Ji-Young Ham and Won Taek Song. The minimum dilatation of pseudo-Anosov 5-braids. *Experimental Mathematics*, 16(2):167–180, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905873>.

**Harvey:2013:SDR**

- [HS13] David Harvey and Igor E. Shparlinski. Statistics of different reduction types of Fermat curves. *Experimental Mathematics*, 22(3):243–249, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Herbig:2014:HSL**

- [HS14] Hans-Christian Herbig and Christopher Seaton. The Hilbert series of a linear symplectic circle quotient. *Experimental Mathematics*, 23(1):46–65, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Heller:2015:DSC**

- [HS15] Sebastian Heller and Nicholas Schmitt. Deformations of symmetric CMC surfaces in the 3-sphere. *Experimental Mathematics*, 24(1):65–75, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Hacon:1994:RSA**

- [HSV94] Derek Hacon, Nicolau C. Saldanha, and J. J. P. Veerman. Remarks on self-affine tilings. *Experimental Mathematics*, 3(4):317–327, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515813>.

**Huber:2000:CGF**

- [HT00] Birkett Huber and Rekha R. Thomas. Computing Gröbner fans of toric ideals. *Experimental Mathematics*, 9(3):321–331, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604667>.

**Hulpke:1995:BSG**

- [Hul95] Alexander Hulpke. Block systems of a Galois group. *Experimental Mathematics*, 4(1):1–9, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621138>.

**Hulpke:2001:RSF**

- [Hul01] Alexander Hulpke. Representing subgroups of finitely presented groups by quotient subgroups. *Experimental Mathematics*, 10(3):369–382, ???? 2001. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786345>.

**Humphreys:2002:AWF**

- [Hum02] J. E. Humphreys. Analogues of Weyl's formula for reduced enveloping algebras. *Experimental Mathematics*, 11(4):567–573, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864665>.

**Hunt:2000:NMV**

- [Hun00] Bruce Hunt. Nice modular varieties. *Experimental Mathematics*, 9(4):613–622, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759526>.

**Hodgson:1994:SIL**

- [HW94] Craig D. Hodgson and Jeffrey R. Weeks. Symmetries, isometries and length spectra of closed hyperbolic three-manifolds. *Experimental Mathematics*, 3(4):261–274, 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515809>.

**Hoffman:2002:DSP**

- [HW02] David Hoffman and Fusheng Wei. Deforming the singly periodic genus-one helicoid. *Experimental Mathematics*, 11(2):207–218, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621216>.

**Harkins:2005:ESU**

- [HWW05] Ryan Harkins, Eric Weber, and Andrew Westmeyer. Encryption schemes using finite frames and Hadamard arrays. *Experimental Mathematics*, 14(4):423–433, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926973>.

**Hyeon:2017:OLM**

- [Hye17] Donghoon Hyeon. An outline of the log minimal model program for the moduli space of curves. *Experimental Mathematics*, 26(1):114–124, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ibrahimoglu:2016:SBL**

- [IC16] B. Ali Ibrahimoglu and Annie Cuyt. Sharp bounds for Lebesgue constants of barycentric rational interpolation at equidistant points. *Experimental Mathematics*, 25(3):347–354, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Itoh:2004:TTA**

- [iIS04] Jin ichi Itoh and Robert Sinclair. Thaw: a tool for approximating cut loci on a triangulation of a surface. *Experimental Mathematics*, 13(3):309–325, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749839>.

**Iwasaki:2002:PIH**

- [IKM02] Katsunori Iwasaki, Atsufumi Kenma, and Keiji Matsumoto. Polynomial invariants and harmonic functions related to exceptional regular polytopes. *Experimental Mathematics*, 11(2):313–319, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621224>.

**Ichim:2016:LLS**

- [IKMF16] Bogdan Ichim, Lukas Katthän, and Julio José Moyano-Fernández. LCM lattices and Stanley depth: A first computational approach. *Experimental Mathematics*, 25(1):46–53, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ivanyos:2000:TEC**

- [IL00] Gábor Ivanyos and Klaus Lux. Treating the exceptional cases of the MeatAxe. *Experimental Mathematics*, 9(3):373–381, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604672>.

**Inoue:2013:SMP**

- [Ino13] Ayumu Inoue. A symmetric motion picture of the twist-spun trefoil. *Experimental Mathematics*, 22(1):15–25, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Ichim:2014:ACM**

- [IZ14] Bogdan Ichim and Andrei Zarojanu. An algorithm for computing the multigraded Hilbert depth of a module. *Experimental*

*Mathematics*, 23(3):322–331, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Jain:2009:MRR**

- [Jai09] Sonal Jain. Minimal regulators for rank-2 subgroups of rational and  $K3$  elliptic surfaces. *Experimental Mathematics*, 18(4):429–447, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158507>.

**Jenkinson:2000:FLB**

- [Jen00] Oliver Jenkinson. Frequency locking on the boundary of the barycentre set. *Experimental Mathematics*, 9(2):309–317, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952354>.

**Jeong:2015:OBC**

- [Jeo15] In-Jee Jeong. Outer billiards with contraction: Attracting Cantor sets. *Experimental Mathematics*, 24(1):53–64, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Jordan:2002:RCH**

- [JJJ02] C. R. Jordan, D. A. Jordan, and J. H. Jordan. Reversible complex Hénon maps. *Experimental Mathematics*, 11(3):339–347, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777426>.

**Jagy:1995:SSC**

- [JK95] William C. Jagy and Irving Kaplansky. Sums of squares, cubes, and higher powers. *Experimental Mathematics*, 4(3):169–173, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621075>.

**Johnson:2001:FHW**

- [JK01] Jennifer M. Johnson and János Kollár. Fano hypersurfaces in weighted projective 4-spaces. *Experimental Mathematics*, 10(1):151–158, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188430>.

**Jacobson:1995:IBR**

- [JLW95] Michael J. Jacobson, Jr., Richard F. Lukes, and Hugh C. Williams. An investigation of bounds for the regulator of quadratic fields. *Experimental Mathematics*, 4(3):211–225, 1995. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621079>.

**Jensen:2016:CTC**

- [JLY16] Anders Jensen, Anton Leykin, and Josephine Yu. Computing tropical curves via homotopy continuation. *Experimental Mathematics*, 25(1):83–93, 2016. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic).

**Jezernik:2014:BMG**

- [JM14] Urban Jezernik and Primož Moravec. Bogomolov multipliers of groups of order 128. *Experimental Mathematics*, 23(2):174–180, 2014. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic).

**Jackson:2006:PSA**

- [JN06] Steven Glenn Jackson and Alfred G. Noël. Prehomogeneous spaces associated with nilpotent orbits in simple real Lie algebras  $E_{6(6)}$  and  $E_{6(-26)}$  and their relative invariants. *Experimental Mathematics*, 15(4):455–469, 2006. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789780>.

**Johnson:2008:SRE**

- [Joh08] Tomas Johnson.  $L^p$  spectral radius estimates for the Lamé system on an infinite sector. *Experimental Mathematics*, 17(3):333–339, 2008. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121386>.

**Johnson:2011:QST**

- [Joh11] Tomas Johnson. A quartic system with twenty-six limit cycles. *Experimental Mathematics*, 20(3):323–328, 2011. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924424>.

**Jonsson:2010:MTH**

- [Jon10] Jakob Jonsson. More torsion in the homology of the matching complex. *Experimental Mathematics*, 19(3):363–383, 2010. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758097>.

**Jorba:1999:MNC**

- [Jor99] Ángel Jorba. A methodology for the numerical computation of normal forms, centre manifolds and first integrals of Hamiltonian systems. *Experimental Mathematics*, 8(2):155–195, 1999. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477059>.

**Joets:1999:CSE**

- [JR99] Alain Joets and Roland Ribotta. Caustique de la surface ellipsoïdale à trois dimensions. *Experimental Mathematics*, 8(1):49–55, 1999. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477111>.

**Jurgens:2002:MAM**

- [JR02] Ulf Jürgens and Gerhard Röhrle. MOP — algorithmic modality analysis for parabolic group actions. *Experimental Mathematics*, 11(1):57–67, 2002. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860314>.

**Janardhan:1992:NEF**

- [JRS92] Prem Janardhan, David Rosenblum, and Robert S. Strichartz. Numerical experiments in Fourier asymptotics of Cantor measures and wavelets. *Experimental Mathematics*, 1(4):249–273, 1992. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048610116>.

**Jehanne:2003:NVS**

- [JRS03] Arnaud Jehanne, Xavier-Francois Roblot, and Jonathan Sands. Numerical verification of the Stark–Chinburg conjecture for some icosahedral representations. *Experimental Mathematics*, 12(4):419–432, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568018>.

**Jorgenson:2016:KLF**

- [JST16] Jay Jorgenson, Lejla Smajlović, and Holger Then. Kronecker's limit formula, holomorphic modular functions, and  $q$ -expansions on certain arithmetic groups. *Experimental Mathematics*, 25(3): 295–320, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Jungic:2000:MAP**

- [Jun00] Veselin Jungic. On monochromatic arithmetic progressions having odd step. *Experimental Mathematics*, 9(3):467–471, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604680>.

**Jacobson:2000:SFS**

- [JW00] Michael J. Jacobson and Hugh C. Williams. The size of the fundamental solutions of consecutive Pell equations. *Experimental Mathematics*, 9(4):631–640, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759528>.

**Jorba:2005:SPN**

- [JZ05] Àngel Jorba and Maorong Zou. A software package for the numerical integration of ODEs by means of high-order Taylor methods. *Experimental Mathematics*, 14(1):99–117, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145574>.

**Au:2001:CRC**

- [kAL01] Thomas Kwok keung Au and Xiao-Song Lin. Off-center reflections: Caustics and chaos. *Experimental Mathematics*, 10(2):287–302, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188638>.

**Kapovich:2007:CCW**

- [Kap07] Ilya Kapovich. Clusters, currents, and Whitehead's algorithm. *Experimental Mathematics*, 16(1):67–76, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789802>.



**Katsurada:2005:SVS**

- [Kat05] Hidenori Katsurada. Special values of the standard zeta functions for elliptic modular forms. *Experimental Mathematics*, 14(1):27–45, 2005. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145568>.

**Katsurada:2010:ESZ**

- [Kat10a] Hidenori Katsurada. Exact standard zeta values of Siegel modular forms. *Experimental Mathematics*, 19(1):65–77, 2010. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404803>.

**Katz:2010:LTR**

- [Kat10b] Nicholas M. Katz. 2, 3, 5, Legendre:  $\pm$  trace ratios in families of elliptic curves. *Experimental Mathematics*, 19(3):267–277, 2010. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758091>.

**Katz:2014:EQU**

- [Kat14] Nicholas M. Katz. Equidistribution questions for universal extensions. *Experimental Mathematics*, 23(4):452–464, 2014. CODEN 1944-950X (print), 1944-950X (electronic).

**Kawahira:2018:RHH**

- [Kaw18] Tomoki Kawahira. The Riemann hypothesis and holomorphic index in complex dynamics. *Experimental Mathematics*, 27(1):37–46, 2018. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1217443>.

**Kim:2017:PNA**

- [KB17] Daeyeoul Kim and Abdelmejid Bayad. Polygon numbers associated with the sum of odd divisors function. *Experimental Mathematics*, 26(3):287–297, 2017. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1162231>.

**Kamphorst:2005:FBC**

- [KdC05] Sylvie Oliffson Kamphorst and Sônia Pinto de Carvalho. The first Birkhoff coefficient and the stability of 2-periodic orbits on

billiards. *Experimental Mathematics*, 14(3):299–306, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371755>.

**Khovanov:2003:PKC**

- [Kho03] Mikhail Khovanov. Patterns in knot cohomology, I. *Experimental Mathematics*, 12(3):365–374, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329238>.

**Kida:2004:PTU**

- [Kid04] Masanari Kida. Primality tests using algebraic groups. *Experimental Mathematics*, 13(4):421–427, 2004. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106433>.

**Kirschmer:2011:FSM**

- [Kir11] Markus Kirschmer. Finite symplectic matrix groups. *Experimental Mathematics*, 20(2):217–228, 2011. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924412>.

**Kim:1993:TKE**

- [KK93] Denise Kim and Rob Kusner. Torus knots extremizing the Möbius energy. *Experimental Mathematics*, 2(1):1–9, 1993. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620733>.

**Krauskopf:1997:HCL**

- [KK97] Bernd Krauskopf and Hartje Kriete. Hausdorff convergence and the limit shape of the unicorns. *Experimental Mathematics*, 6(2):117–135, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047649999>.

**Kuchment:1999:SPH**

- [KK99] Peter Kuchment and Leonid A. Kunyansky. Spectral properties of high contrast band-gap materials and operators on graphs. *Experimental Mathematics*, 8(1):1–28, 1999. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477109>.

**Kaid:2012:SVB**

- [KK12] Almar Kaid and Ralf Kasprowitz. Semistable vector bundles and tannaka duality from a computational point of view. *Experimental Mathematics*, 21(2):171–188, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Kemper:2001:DIR**

- [KKM<sup>+</sup>01] Gregor Kemper, Elmar K rding, Gunter Malle, B. Heinrich Matzat, Denis Vogel, and Gabor Wiese. A database of invariant rings. *Experimental Mathematics*, 10(4):537–542, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855253>.

**King:2005:GDM**

- [KKM05] Henry King, Kevin Knudson, and Ne a Mramor. Generating discrete Morse functions from point data. *Experimental Mathematics*, 14(4):435–444, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926974>.

**Katz:2016:BQO**

- [KKS<sup>V</sup>16] Karin Katz, Mikhail Katz, Michael M. Schein, and Uzi Vishne. Bolza quaternion order and asymptotics of systoles along congruence subgroups. *Experimental Mathematics*, 25(4):399–415, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Kin:2009:EVV**

- [KKT09] E. Kin, S. Koijima, and M. Takasawa. Entropy versus volume for pseudo-Anosovs. *Experimental Mathematics*, 18(4):397–407, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158505>.

**Kuan:2016:CDZ**

- [KL16] Yen-Liang Kuan and Yi-Hsuan Lin. Criterion for deciding zeta-like multizeta values in positive characteristic. *Experimental Mathematics*, 25(3):246–256, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Kluners:2002:AFF**

- [Kl 02] J rgen Kl uners. Algorithms for function fields. *Experimental Mathematics*, 11(2):171–181, ???? 2002. CODEN ????

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621213>.

**Kolpakov:2018:CDK**

- [KM18] Alexander Kolpakov and Jun Murakami. Combinatorial decompositions, Kirillov–Reshetikhin invariants, and the volume conjecture for hyperbolic polyhedra. *Experimental Mathematics*, 27(2):193–207, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1242441>.

**Kilian:2000:NCM**

- [KMS00] Martin Kilian, Ian McIntosh, and Nicholas Schmitt. New constant mean curvature surfaces. *Experimental Mathematics*, 9(4):595–611, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759525>.

**Knutson:2001:DCS**

- [Knu01] Allen Knutson. Descent-cycling in Schubert calculus. *Experimental Mathematics*, 10(3):345–354, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786343>.

**Kako:1995:CCG**

- [KO95] Fujio Kako and Mitsuyuki Ochiai. Computational construction of  $W$ -graphs of Hecke algebras  $H(q, n)$  for  $n$  up to 15. *Experimental Mathematics*, 4(1):61–67, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621143>.

**Kobayashi:1994:NAT**

- [Kob94] Ryo Kobayashi. A numerical approach to three-dimensional dendritic solidification. *Experimental Mathematics*, 3(1):59–81, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621004>.

**Koblitz:2001:APG**

- [Kob01] Neal Koblitz. Almost primality of group orders of elliptic curves defined over small finite fields. *Experimental Mathematics*, 10(4):553–558, ???? 2001. CODEN ???? ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855255>.

**Kohli:2018:LGI**

- [Koh18] Ben-Michael Kohli. The Links–Gould invariant as a classical generalization of the Alexander polynomial? *Experimental Mathematics*, 27(3):251–264, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1255860>.

**Kouril:2008:VWN**

- [KP08] Michal Kouril and Jerome L. Paul. The van der Waerden number  $W(2, 6)$  is 1132. *Experimental Mathematics*, 17(1):53–61, ???? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031896>.

**Kanade:2015:ISN**

- [KR15] Shashank Kanade and Matthew C. Russell. IdentityFinder and some new identities of Rogers–Ramanujan type. *Experimental Mathematics*, 24(4):419–423, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Krauskopf:1994:BSR**

- [Kra94] Bernd Krauskopf. The bifurcation set for the 1:4 resonance problem. *Experimental Mathematics*, 3(2):107–128, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620905>.

**Kraus:1998:EFE**

- [Kra98] Alain Kraus. Sur l'équation  $a^3 + b^3 = c^p$ . (French) [On the equation  $a^3 + b^3 = c^p$ ]. *Experimental Mathematics*, 7(1):1–13, ???? 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674269>.

**Kresch:2010:CCC**

- [Kre10] Andrew Kresch. CW complexes for complex algebraic surfaces. *Experimental Mathematics*, 19(4):413–419, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758101>.

**Kulesz:2001:ECH**

- [KS01] Leopoldo Kulesz and Colin Stahlke. Elliptic curves of high rank with nontrivial torsion group over  $\mathbb{Q}$ . *Experimental Mathematics*, 10(3):475–480, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786352>.

**Katanforoush:2003:DPS**

- [KS03] Ali Katanforoush and Mehrdad Shahshahani. Distributing points on the sphere, I. *Experimental Mathematics*, 12(2):199–209, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634731>.

**Kitano:2005:POK**

- [KS05] Teruaki Kitano and Masaaki Suzuki. A partial order in the knot table. *Experimental Mathematics*, 14(4):385–390, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926969>.

**Kurokawa:2008:EPS**

- [KS08] Nobushige Kurokawa and Takakazu Satoh. Euclid prime sequences over unique. *Experimental Mathematics*, 17(2):145–152, 2008. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118967>.

**Karowski:1997:ITM**

- [KSV97] Michael Karowski, Robert Schrader, and Elmar Vogt. Invariants of three-manifolds, unitary representations of the mapping class group, and numerical calculations. *Experimental Mathematics*, 6(4):317–352, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047047192>.

**Kigami:2001:CLD**

- [KSW01] Jun Kigami, Robert S. Strichartz, and Katharine C. Walker. Constructing a Laplacian on the diamond fractal. *Experimental Mathematics*, 10(3):437–448, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786349>.

**Komori:2006:DBE**

- [KSWY06] Yohei Komori, Toshiyuki Sugawa, Masaaki Wada, and Yasushi Yamashita. Drawing Bers embeddings of the Teichmüller space of once-punctured tori. *Experimental Mathematics*, 15(1):51–60, 2006. CODEN 2006 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476903>.

**Khan:2008:CCG**

- [KSY08] Mizan Khan, Igor E. Shparlinski, and Christian L. Yankov. On the convex closure of the graph of modular inversions. *Experimental Mathematics*, 17(1):91–104, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031900>.

**Katsurada:2016:CPK**

- [KT16] Hidenori Katsurada and Sho Takemori. Congruence primes of the Kim–Ramakrishnan–Shahidi lift. *Experimental Mathematics*, 25(3):332–346, 2016. CODEN 2016 ISSN 1058-6458 (print), 1944-950X (electronic).

**Kushnarev:2009:TSG**

- [Kus09] Sergey Kushnarev. Teichons: Solitonlike geodesics on universal Teichmüller space. *Experimental Mathematics*, 18(3):325–336, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158469>.

**Kangaslampi:2017:HTB**

- [KV17] Riikka Kangaslampi and Alina Vdovina. Hyperbolic triangular buildings without periodic planes of genus 2. *Experimental Mathematics*, 26(1):54–61, 2017. CODEN 2017 ISSN 1058-6458 (print), 1944-950X (electronic).

**Kotnik:2004:OMF**

- [KvdL04] Tadej Kotnik and Jan van de Lune. On the order of the Mertens function. *Experimental Mathematics*, 13(4):473–481, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106439>.

**Kilford:2008:FGP**

- [KW08] L. J. P. Kilford and Gabor Wiese. On the failure of the Gorenstein property for Hecke algebras of prime weight. *Experi-*

*mental Mathematics*, 17(1):37–52, 2008. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031895>.

**Kobayashi:2017:VRP**

- [KY17] Mahito Kobayashi and Minoru Yamamoto. Views of real projective 3-space by stable maps into the plane. *Experimental Mathematics*, 26(2):138–152, 2017. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1142910>.

**Kauers:2008:EPP**

- [KZ08] Manuel Kauers and Doron Zeilberger. Experiments with a positivity-preserving operator. *Experimental Mathematics*, 17(3):341–345, 2008. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121387>.

**Kowalski:2012:CIF**

- [KZ12] Emmanuel Kowalski and David Zywina. The Chebotarev invariant of a finite group. *Experimental Mathematics*, 21(1):38–56, 2012. CODEN 1058-6458 (print), 1944-950X (electronic).

**Lagarias:2001:NAC**

- [Lag01] Jeffrey C. Lagarias. On the normality of arithmetical constants. *Experimental Mathematics*, 10(3):355–368, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786344>.

**Lampe:2018:APS**

- [Lam18] Philipp Lampe. On the approximate periodicity of sequences attached to non-crystallographic root systems. *Experimental Mathematics*, 27(3):265–271, 2018. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1255861>.

**Lanford:1998:IRO**

- [Lan98] Oscar E. Lanford III. Informal remarks on the orbit structure of discrete approximations to chaotic maps. *Experimental Mathematics*, 7(4):317–324, 1998. CODEN 1058-6458



(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674149>.

**Lawson:2017:MMI**

- [Law17] John W. Lawson. Minimal mutation-infinite quivers. *Experimental Mathematics*, 26(3):308–323, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1166353>.

**Leemans:2004:RWP**

- [Lee04] Dimitri Leemans. The residually weakly primitive geometries of  $J_3$ . *Experimental Mathematics*, 13(4):429–433, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106434>.

**Leprevost:1993:CMR**

- [Lep93] Franck Leprévost. Courbes modulaires et 11-rang de corps quadratiques. *Experimental Mathematics*, 2(2):137–146, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516218>.

**Linner:2004:PGG**

- [Lin04] Anders Linnér. Periodic geodesics generator. *Experimental Mathematics*, 13(2):199–206, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350934>.

**Lewis:1994:ICD**

- [LL94] Robert H. Lewis and Sal Liriano. Isomorphism classes and derived series of certain almost-free groups. *Experimental Mathematics*, 3(3):255–258, ???? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515875>.

**Linton:1995:PDT**

- [LLS95] Stephen A. Linton, Klaus Lux, and Leonard H. Soicher. The primitive distance-transitive representations of the Fischer groups. *Experimental Mathematics*, 4(3):235–253, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621081>.

**Lewiner:2003:TOD**

- [LLT03] Thomas Lewiner, Hélio Lopes, and Geovan Tavares. Toward optimality in discrete Morse theory. *Experimental Mathematics*, 12(3):271–286, 2003. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329231>.

**Lewis:1997:CSN**

- [LM97] Robert H. Lewis and Guy D. Moore. Computer search for nilpotent complexes. *Experimental Mathematics*, 6(3):239–246, 1997. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920423>.

**Lundow:2006:BCF**

- [LM06] P. H. Lundow and K. Markström. Broken-cycle-free subgraphs and the log-concavity conjecture for chromatic polynomials. *Experimental Mathematics*, 15(3):343–353, 2006. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789763>.

**Lagarias:2017:PFF**

- [LM17a] Jeffrey C. Lagarias and Harsh Mehta. Products of Farey fractions. *Experimental Mathematics*, 26(1):1–21, 2017. CODEN 1944-950X (print), 1944-950X (electronic).

**Lason:2017:NNV**

- [LM17b] Michał Lason and Mateusz Michałek. Non-normal very ample polytopes — constructions and examples. *Experimental Mathematics*, 26(2):130–137, 2017. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2015.1128370>.

**Lazarev:2013:DMS**

- [LMO13] Oleg Lazarev, Steven J. Miller, and Kevin O’Byrant. Distribution of missing sums in sumsets. *Experimental Mathematics*, 22(2):132–156, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Landsberg:2004:SNO**

- [LMW04] J. M. Landsberg, Laurent Manivel, and Bruce W. Westbury. Series of nilpotent orbits. *Experimental Mathematics*, 13(1):13–

30, ????. 2004. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894087>.

**Lubeck:2001:ELO**

[LN01] Frank Lübeck and Max Neunhöffer. Enumerating large orbits and direct condensation. *Experimental Mathematics*, 10(2):197–206, ????. 2001. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188632>.

**Lau:2003:DBS**

[LN03] Ka-Sing Lau and Sze-Man Ngai. Dimensions of the boundaries of self-similar sets. *Experimental Mathematics*, 12(1):13–26, ????. 2003. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858781>.

**Lebeau:2010:ESH**

[LN10] Gilles Lebeau and Maëlle Nodet. Experimental study of the HUM control operator for linear waves. *Experimental Mathematics*, 19(1):93–120, ????. 2010. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1268404805>.

**Lomont:2002:YMP**

[Lom02] Chris Lomont. Yet more projective curves over  $\mathbf{F}_2$ . *Experimental Mathematics*, 11(4):547–554, ????. 2002. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864663>.

**Louboutin:1998:CRC**

[Lou98] Stéphane Louboutin. Computation of relative class numbers of imaginary abelian number fields. *Experimental Mathematics*, 7(4):293–303, ????. 1998. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674147>.

**Lakner:1997:OEP**

[LP97] Mitja Lakner and Peter Petek. The one-equator property. *Experimental Mathematics*, 6(2):109–115, ????. 1997. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047649998>.

**Lackenby:2014:GCB**

- [LP14] Marc Lackenby and Jessica S. Purcell. Geodesics and compression bodies. *Experimental Mathematics*, 23(2):218–240, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Leprevost:2011:CCP**

- [LPU11] Franck Leprévost, Michael Pohst, and Osmanbey Uzunkol. On the computation of class polynomials with “Thetanullwerte” and its applications to the unit group computation. *Experimental Mathematics*, 20(3):271–281, ???? 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924420>.

**Lafferty:1992:FFA**

- [LR92] John D. Lafferty and Daniel Rockmore. Fast Fourier analysis for  $SL_2$  over a finite field and related numerical experiments. *Experimental Mathematics*, 1(2):115–139, ???? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709049>.

**Landreau:2002:CBN**

- [LR02] Bernard Landreau and Florent Richard. Le critère de Beurling et Nyman pour l’hypothèse de Riemann: aspects numériques. (French) [The Beurling and Nyman criteria for the Riemann Hypothesis: numerical aspects]. *Experimental Mathematics*, 11(3):349–360, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777427>.

**Linner:2005:DPG**

- [LR05] Anders Linnér and Robert Renka. Discrete periodic geodesics in a surface. *Experimental Mathematics*, 14(2):145–152, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100127>.

**Lehavi:2007:EFA**

- [LR07] D. Lehavi and C. Ritzenthaler. An explicit formula for the arithmetic-geometric mean in genus 3. *Experimental Mathematics*, 16(4):421–440, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836513>.

**Long:2011:SS**

- [LR11] D. D. Long and A. W. Reid. Small subgroups of  $SL(3, \mathbf{Z})$ . *Experimental Mathematics*, 20(4):412–425, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367155>.

**Landsberg:2017:GBR**

- [LR17] J. M. Landsberg and Nicholas Ryder. On the geometry of border rank algorithms for  $n \times 2$  by  $2 \times 2$  matrix multiplication. *Experimental Mathematics*, 26(3):275–286, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1162230>.

**Lagarias:2002:ES**

- [LRS02] J. C. Lagarias, E. M. Rains, and N. J. A. Sloane. The EKG sequence. *Experimental Mathematics*, 11(3):437–446, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777433>.

**Lario:2002:SCH**

- [LS02] Joan-C. Lario and René Schoof. Some computations with Hecke rings and deformation ring, with an appendix by Amod Agashe and William Stein. *Experimental Mathematics*, 11(2):303–311, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621223>.

**Lux:2003:CHS**

- [LS03] Klaus M. Lux and Magdolna Szőke. Computing homomorphism spaces between modules over finite dimensional algebras. *Experimental Mathematics*, 12(1):91–98, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858786>.

**Lagarias:2004:AS**

- [LS04] J. C. Lagarias and N. J. A. Sloane. Approximate squaring. *Experimental Mathematics*, 13(1):113–128, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894093>.

**Lux:2007:CDM**

- [LS07] Klaus M. Lux and Magdolna Szóke. Computing decompositions of modules over finite-dimensional algebras. *Experimental Mathematics*, 16(1):1–6, 2007. CODEN 2007 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789797>.

**Leong:2013:CSS**

- [LS13] Alexander Leong and Jeffrey Shallit. Counting sequences with small discrepancies. *Experimental Mathematics*, 22(1):74–84, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Lund:1998:CTS**

- [LSV98] John-Peter Lund, Robert S. Strichartz, and Jade P. Vinson. Cauchy transforms of self-similar measures. *Experimental Mathematics*, 7(3):177–190, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674203>.

**Letherman:1999:PHD**

- [LSW99] Simon Letherman, Dierk Schleicher, and Reg Wood. The  $3n+1$ -problem and holomorphic dynamics. *Experimental Mathematics*, 8(3):241–251, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262405>.

**Lee:2003:CFU**

- [LSY03] Y. Lee, R. Scheidler, and C. Yarrish. Computation of the fundamental units and the regulator of a cyclic cubic function field. *Experimental Mathematics*, 12(2):211–225, 2003. CODEN 2003 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634732>.

**Levi:2009:BTB**

- [LT09] Mark Levi and Serge Tabachnikov. On bicycle tire tracks geometry, hatchet planimeter, Menzin’s conjecture, and oscillation of unicycle tracks. *Experimental Mathematics*, 18(2):173–186, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158427>.

**Long:2018:ZDS**

- [LT18] D. D. Long and M. B. Thistlethwaite. Zariski dense surface subgroups in  $SL(4, \mathbf{Z})$ . *Experimental Mathematics*, 27(1):82–92, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1226992>.

**Lutowski:2009:SFM**

- [Lut09] Rafał Lutowski. On symmetry of flat manifolds. *Experimental Mathematics*, 18(2):201–204, ???? 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158430>.

**Lutowski:2013:FOA**

- [Lut13] Rafał Lutowski. Finite outer automorphism groups of crystallographic groups. *Experimental Mathematics*, 22(4):456–464, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Loring:2015:ENC**

- [LV15] Terry A. Loring and Fredy Vides. Estimating norms of commutators. *Experimental Mathematics*, 24(1):106–122, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Lapidus:2003:CDS**

- [LvF03] Michel L. Lapidus and Machiel van Frankenhuysen. Complex dimensions of self-similar fractal strings and Diophantine approximation. *Experimental Mathematics*, 12(1):41–69, ???? 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858783>.

**Lempken:2005:MLS**

- [LvT05] Wolfgang Lempken and Tran van Trung. On minimal logarithmic signatures of finite groups. *Experimental Mathematics*, 14(3):257–269, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371751>.

**Lam:2012:MCS**

- [LW12] Thomas Lam and Lauren Williams. A Markov chain on the symmetric group that is Schubert positive? *Experimental Mathematics*, 21(2):189–192, 2012. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Languasco:2010:CMM**

- [LZ10] Alessandro Languasco and Alessandro Zaccagnini. Computing the Mertens and Meissel–Mertens constants for sums over arithmetic progressions. *Experimental Mathematics*, 19(3):279–284, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758092>.

**Macasieb:2008:DAF**

- [Mac08] Melissa L. Macasieb. Derived arithmetic Fuchsian groups of genus two. *Experimental Mathematics*, 17(3):347–369, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121388>.

**Malle:2004:DGG**

- [Mal04] Gunter Malle. On the distribution of Galois groups, II. *Experimental Mathematics*, 13(2):129–136, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350928>.

**Malle:2010:DCG**

- [Mal10] Gunter Malle. On the distribution of class groups of number fields. *Experimental Mathematics*, 19(4):465–474, 2010. CODEN 2010 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758105>.

**Martin:1995:CTL**

- [Mar95] Roland Martin. A counterexample in the theory of local zeta functions. *Experimental Mathematics*, 4(4):299–305, 1995. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674390>.

**Matveev:1998:CRT**

- [Mat98] Sergei V. Matveev. Computer recognition of three-manifolds. *Experimental Mathematics*, 7(2):153–161, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515663>.

**Matthews:2001:AMB**

- [Mat01] Charles A. Matthews. Approximation of a map between one-dimensional Teichmüller spaces. *Experimental Mathematics*,



10(2):247–266, ????. 2001. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188635>.

**Mayer:2001:SEA**

- [May01] Uwe F. Mayer. A singular example for the averaged mean curvature flow. *Experimental Mathematics*, 10(1):103–107, ????. 2001. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188424>.

**Mayer:2010:CHB**

- [May10] Sebastian Mayer. Calculation of Hilbert Borchers products. *Experimental Mathematics*, 19(2):243–256, ????. 2010. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784793>.

**Mazur:1992:TRP**

- [Maz92] Barry Mazur. The topology of rational points. *Experimental Mathematics*, 1(1):35–45, ????. 1992. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709114>.

**McNew:2017:MFV**

- [McN17] Nathan McNew. The most frequent values of the largest prime divisor function. *Experimental Mathematics*, 26(2):210–224, 2017. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1155188>.

**Milnor:1992:RIC**

- [Mil92] John Milnor. Remarks on iterated cubic maps. *Experimental Mathematics*, 1(1):5–24, ????. 1992. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709112>.

**Milnor:1993:GDQ**

- [Mil93] John Milnor. Geometry and dynamics of quadratic rational maps, with an appendix by the author and Lei Tan. *Experimental Mathematics*, 2(1):37–83, ????. 1993. CODEN ????. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620736>.

**Milnor:2000:RMT**

- [Mil00] John Milnor. On rational maps with two critical points. *Experimental Mathematics*, 9(4):481–522, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759519>.

**Miller:2001:GKF**

- [Mil01] Sally M. Miller. Geodesic knots in the figure-eight knot complement. *Experimental Mathematics*, 10(3):419–436, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786348>.

**Milnor:2004:PTJ**

- [Mil04] John Milnor. Pasting together Julia sets: a worked out example of mating. *Experimental Mathematics*, 13(1):55–92, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894090>.

**Miller:2006:IZN**

- [Mil06] Steven J. Miller. Investigations of zeros near the central point of elliptic curve  $L$ -functions, with an appendix by Eduardo Dueñez. *Experimental Mathematics*, 15(3):257–279, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789758>.

**Maurer:2001:FEE**

- [MM01] Markus Maurer and Volker Müller. Finding the eigenvalue in Elkies' algorithm. *Experimental Mathematics*, 10(2):275–286, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188637>.

**Murakami:2002:KCC**

- [MMO<sup>+</sup>02] Hitoshi Murakami, Jun Murakami, Miyuki Okamoto, Toshie Takata, and Yoshiyuki Yokota. Kashaev's conjecture and the Chern–Simons invariants of knots and links. *Experimental Mathematics*, 11(3):427–435, ???? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777432>.

**Maley:2000:SPC**

- [MMT00] F. Miller Maley, Jean Mastrangeli, and Lisa Traynor. Symplectic packings in cotangent bundles of tori. *Experimental Mathemat-*

*ics*, 9(3):435–455, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604678>.

**McCluskey:2007:PTC**

[MMW07] A. E. McCluskey, D. W. McIntyre, and W. S. Watson. The propositional theory of closure. *Experimental Mathematics*, 16(4):501–512, 2007. CODEN 2007 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836518>.

**Muller:2005:SCR**

[MN05] Jurgen Müller and Max Neunhöffer. Some computations regarding Foulkes’ conjecture. *Experimental Mathematics*, 14(3):277–283, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371753>.

**Miller:2014:ADI**

[MN14] Jonathan Miller and Ramin Naimi. An algorithm for detecting intrinsically knotted graphs. *Experimental Mathematics*, 23(1):6–12, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**Miller:2008:DLN**

[MNS08] Steven J. Miller, Tim Novikoff, and Anthony Sabelli. The distribution of the largest nontrivial eigenvalues in families of random regular graphs. *Experimental Mathematics*, 17(2):231–244, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118974>.

**Martin:2007:SSP**

[MO07] Greg Martin and Kevin O’Bryant. The symmetric subset problem in continuous Ramsey theory. *Experimental Mathematics*, 16(2):145–166, 2007. CODEN 2007 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905872>.

**McGehee:1994:RSF**

[MP94] Richard P. McGehee and Bruce B. Peckham. Resonance surfaces for forced oscillators. *Experimental Mathematics*, 3(3):221–244, 1994. CODEN 1994 ISSN 1058-6458 (print), 1944-

950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515873>.

**Martelli:2001:TMH**

- [MP01] Bruno Martelli and Carlo Petronio. Three-manifolds having complexity at most 9. *Experimental Mathematics*, 10(2):207–236, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188633>.

**Miyata:2015:ENP**

- [MP15] Hiroyuki Miyata and Arnau Padrol. Enumerating neighborly polytopes and oriented matroids. *Experimental Mathematics*, 24(4):489–505, 2015. CODEN 1058-6458 (print), 1944-950X (electronic).

**McShane:1994:DLS**

- [MPR94] Greg McShane, John R. Parker, and Ian Redfern. Drawing limit sets of Kleinian groups using finite state automata. *Experimental Mathematics*, 3(2):153–170, 1994. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620909>.

**Moseley:2017:OTA**

- [MPY17] Daniel Moseley, Nicholas Proudfoot, and Ben Young. The Orlik–Terao algebra and the cohomology of configuration space. *Experimental Mathematics*, 26(3):373–380, 2017. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1187097>.

**Mignotte:1995:CEN**

- [MR95] Maurice Mignotte and Yves Roy. Catalan’s equation has no new solution with either exponent less than 10651. *Experimental Mathematics*, 4(4):259–268, 1995. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674387>.

**Matsumoto:2000:RPS**

- [MR00] Saburo Matsumoto and Richard Rannard. The regular projective solution space of the figure-eight knot complement. *Experimental Mathematics*, 9(2):221–234, 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952346>.

**Movasati:2010:PVE**

- [MR10] Hossein Movasati and Stefan Reiter. Painlevé VI equations with algebraic solutions and family of curves. *Experimental Mathematics*, 19(2):161–173, 2010. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784787>.

**Martin:2016:ESA**

- [MRRTS16] P. Martín, R. Ramírez-Ros, and A. Tamarit-Sariol. Exponentially small asymptotic formulas for the length spectrum in some billiard tables. *Experimental Mathematics*, 25(4):416–440, 2016. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic).

**Mossinghoff:2008:MMM**

- [MRW08] Michael J. Mossinghoff, Georges Rhin, and Qiang Wu. Minimal Mahler measures. *Experimental Mathematics*, 17(4):451–458, 2008. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429958>.

**Masson:2001:PEH**

- [MS01] Gisli Másson and Boris Shapiro. On polynomial eigenfunctions of a hypergeometric-type operator. *Experimental Mathematics*, 10(4):609–618, 2001. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855260>.

**McKee:2005:SNP**

- [MS05] James McKee and Chris Smyth. Salem numbers, Pisot numbers, Mahler measure, and graphs. *Experimental Mathematics*, 14(2):211–229, 2005. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100133>.

**Morrison:2011:GTL**

- [MS11] Ian Morrison and David Swinarski. Gröbner techniques for low-degree Hilbert stability. *Experimental Mathematics*, 20(1):34–56, 2011. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924389>.

**Morita:2015:IEC**

- [MSS15] Shigeyuki Morita, Takuya Sakasai, and Masaaki Suzuki. Integral Euler characteristic of out  $F_{11}$ . *Experimental Mathematics*, 24(1):93–97, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Morita:2018:AQS**

- [MSS18] Shigeyuki Morita, Takuya Sakasai, and Masaaki Suzuki. An Abelian quotient of the symplectic derivation Lie algebra of the free Lie algebra. *Experimental Mathematics*, 27(3):302–315, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1266975>.

**Magaard:2003:GPB**

- [MSV03] Kay Magaard, Sergey Shpectorov, and Helmut Völklein. A GAP package for braid orbit computation and applications. *Experimental Mathematics*, 12(4):385–394, ???? 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568015>.

**Mestre:1993:QHG**

- [MSWZ93] Jean-François Mestre, René Schoof, Lawrence Washington, and Don Zagier. Quotients homophones des groupes libres. *Experimental Mathematics*, 2(3):153–155, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620828>.

**Musin:2015:TP**

- [MT15] Oleg R. Musin and Alexey S. Tarasov. The Tammes problem for  $N = 14$ . *Experimental Mathematics*, 24(4):460–468, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Mann:2016:HNE**

- [MT16] Casey Mann and B. Charles Thomas. Heesch numbers of edge-marked polyforms. *Experimental Mathematics*, 25(3):281–294, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**McGuire:2014:TNC**

- [MTC14] Gary McGuire, Bastian Tugemann, and Gilles Civario. There is no 16-clue Sudoku: Solving the Sudoku minimum number of

clues problem via hitting set enumeration. *Experimental Mathematics*, 23(2):190–217, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Mukamel:2017:VUB**

[Muk17] Ronen E. Mukamel. Visualizing the unit ball for the Teichmüller metric. *Experimental Mathematics*, 26(1):93–97, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Muller:2006:SLE**

[Mül06] Tom Müller. Searching for large elite primes. *Experimental Mathematics*, 15(2):183–186, ???? 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789738>.

**Murray:1993:IMR**

[Mur93] Michael K. Murray. The information metric on rational maps. *Experimental Mathematics*, 2(4):271–279, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516037>.

**Martin:2000:MOS**

[MV00] Florian Martin and Alain Valette. Markov operators on the solvable Baumslag–Solitar groups. *Experimental Mathematics*, 9(2):291–300, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952352>.

**Mittelman:2010:HAS**

[MV10] Hans D. Mittelman and Frank Vallentin. High-accuracy semidefinite programming bounds for kissing numbers. *Experimental Mathematics*, 19(2):174–178, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784788>.

**Muraz:2005:LBD**

[MVG05] G. Muraz and J.-L. Verger-Gaugry. On lower bounds of the density of Delone sets and holes in sequences of sphere packings. *Experimental Mathematics*, 14(1):47–57, ???? 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145569>.

**Nebe:1996:FS**

- [Neb96] Gabriele Nebe. Finite subgroups of  $GL_{24}(\mathbf{Q})$ . *Experimental Mathematics*, 5(3):163–195, 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047915100>.

**Nebe:2000:IOG**

- [Neb00] Gabriele Nebe. Invariants of orthogonal  $G$ -modules from the character table. *Experimental Mathematics*, 9(4):623–629, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759527>.

**Neuberger:2006:NEP**

- [Neu06] John M. Neuberger. Nonlinear elliptic partial difference equations on graphs. *Experimental Mathematics*, 15(1):91–107, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476907>.

**Newkirk:2016:BB**

- [New16] Edward Newkirk. Billiards with bombs. *Experimental Mathematics*, 25(2):194–212, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Nichols:2018:APP**

- [Nic18] Daniel Nichols. Analogues of the  $3x + 1$  problem in polynomial rings of characteristic 2. *Experimental Mathematics*, 27(1):100–110, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1227734>.

**Nilakantan:2003:NWN**

- [Nil03] Nandini Nilakantan. Nonexistence of a weakly neighbourly polyhedral map of type 6, 6. *Experimental Mathematics*, 12(3):257–262, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329229>.

**Nitaj:1993:AFG**

- [Nit93] Abderrahmane Nitaj. Algorithms for finding good examples for the  $abc$  and Szpiro conjectures. *Experimental Mathematics*, 2(3):223–230, 1993. CODEN ???? ISSN 1058-6458



(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620832>.

**Nowak:1997:NFR**

- [Now97] Ivo Nowak. Numerical finiteness results for minimal surfaces in three-dimensional space forms. *Experimental Mathematics*, 6(4):301–315, 1997. CODEN 1997 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047047191>.

**Neuberger:1999:NCE**

- [NR99] J. W. Neuberger and R. J. Renka. Numerical calculation of the essential spectrum of a Laplacian. *Experimental Mathematics*, 8(3):301–308, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262410>.

**Neuberger:2000:CPG**

- [NR00] J. W. Neuberger and R. J. Renka. Critical points of the Ginzburg–Landau functional on multiply-connected domains. *Experimental Mathematics*, 9(4):523–533, October 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759520>.

**Noro:2008:CSS**

- [NSYY08] Masayuki Noro, Takeshi Sasaki, Kotaro Yamada, and Masaaki Yoshida. Confluence of swallowtail singularities of the hyperbolic Schwarz map defined by the hypergeometric differential equation. *Experimental Mathematics*, 17(2):191–204, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118971>.

**Netzer:2015:KPS**

- [NT15] Tim Netzer and Andreas Thom. Kazhdan’s property ( $T$ ) via semidefinite optimization. *Experimental Mathematics*, 24(3):371–374, 2015. CODEN 2015 ISSN 1058-6458 (print), 1944-950X (electronic).

**Nurmela:2000:COC**

- [Nur00] Kari J. Nurmela. Conjecturally optimal coverings of an equilateral triangle with up to 36 equal circles. *Experimental Mathematics*, 9(2):241–250, 2000. CODEN 2000 ISSN 1058-6458

(print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952348>.

**Nickerson:2005:SPS**

- [NW05] S. J. Nickerson and R. A. Wilson. Semi-presentations for the sporadic simple groups. *Experimental Mathematics*, 14(3):359–371, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371760>.

**Ohashi:2008:RHG**

- [Oha08] Ryo Ohashi. The rational homology group of  $\text{Out}(F_n)$  for  $n \leq 6$ . *Experimental Mathematics*, 17(2):167–179, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118969>.

**Dokovic:2000:ISD**

- [Dok00] Dragomir Ž. Đoković. The irreducible six-dimensional complex representations of  $\text{Aut}(F_2)$  that are nontrivial on  $F_2$ . *Experimental Mathematics*, 9(3):457–465, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604679>.

**Okada:2002:HER**

- [Oka02] Kaoru Okada. Hecke eigenvalues for real quadratic fields. *Experimental Mathematics*, 11(3):407–426, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057777431>.

**Olajos:2005:PIB**

- [Ola05] Péter Olajos. Power integral bases in the family of simplest quartic fields. *Experimental Mathematics*, 14(2):129–132, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100125>.

**Olvera:2001:EAR**

- [Olv01] Arturo Olvera. Estimation of the amplitude of resonance in the general standard map. *Experimental Mathematics*, 10(3):401–418, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786347>.

**Ochiai:2008:BTB**

- [OM08] Mitsuyuki Ochiai and Noriko Morimura. Base-tangle decompositions of  $n$ -string tangles with  $1 < n < 10$ . *Experimental Mathematics*, 17(1):1–8, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031893>.

**Omar:2001:AFO**

- [Oma01] Sami Omar. On Artin  $L$ -functions for octic quaternion fields. *Experimental Mathematics*, 10(2):237–246, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188634>.

**Opgenorth:2001:DCV**

- [Opg01] Jürgen Opgenorth. Dual cones and the Voronoi algorithm. *Experimental Mathematics*, 10(4):599–608, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855259>.

**Odlyzko:1999:JC**

- [ORW99] Andrew Odlyzko, Michael Rubinstein, and Marek Wolf. Jumping champions. *Experimental Mathematics*, 8(2):107–118, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477055>.

**Oren:2014:PWL**

- [OS14] Idan Oren and Uzy Smilansky. Periodic walks on large regular graphs and random matrix theory. *Experimental Mathematics*, 23(4):492–498, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**OHara:2015:RRR**

- [OS15] Kathleen O’Hara and Dennis Stanton. Refinements of the Rogers–Ramanujan identities. *Experimental Mathematics*, 24(4):410–418, 2015. CODEN 2015 ISSN 1058-6458 (print), 1944-950X (electronic).

**Oeding:2016:EFS**

- [OS16] Luke Oeding and Steven V. Sam. Equations for the fifth secant variety of Segre products of projective spaces. *Experimental Mathematics*, 25(1):94–99, 2016. CODEN 2016 ISSN 1058-6458 (print), 1944-950X (electronic).

**Oberlin:2003:SSG**

- [OSS03] Richard Oberlin, Brian Street, and Robert S. Strichartz. Sampling on the Sierpinski gasket. *Experimental Mathematics*, 12(4):403–418, 2003. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568017>.

**Otsubo:2015:SVJ**

- [Ots15] Noriyuki Otsubo. On special values of Jacobi-sum Hecke  $L$ -functions. *Experimental Mathematics*, 24(2):247–259, 2015. CODEN 1944-950X (print), 1944-950X (electronic).

**Oudet:2011:APL**

- [Oud11] Édouard Oudet. Approximation of partitions of least perimeter by  $\Gamma$ -convergence: Around Kelvin’s conjecture. *Experimental Mathematics*, 20(3):260–270, 2011. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924419>.

**Patterson:2003:ADE**

- [Pat03] S. J. Patterson. The asymptotic distribution of exponential sums, I. *Experimental Mathematics*, 12(2):135–153, 2003. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634728>.

**Patterson:2005:ADE**

- [Pat05] S. J. Patterson. The asymptotic distribution of exponential sums, II. *Experimental Mathematics*, 14(1):87–98, 2005. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145573>.

**Paule:1996:PCK**

- [Pau96] Peter Paule. A proof of a conjecture of Knuth. *Experimental Mathematics*, 5(2):83–89, 1996. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565639>.

**Pausinger:2017:AHP**

- [Pau17] Florian Pausinger. An accurate heuristic for a problem of Shparlinski. *Experimental Mathematics*, 26(1):72–76, 2017. CODEN 1944-950X (print), 1944-950X (electronic).

**Petrov:2002:RCB**

- [PdlL02] Nikola P. Petrov and Rafael de la Llave. Regularity of conjugacies between critical circle maps: an experimental study. *Experimental Mathematics*, 11(2):219–241, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621217>.

**Peachey:2006:DBC**

- [PE06] T. C. Peachey and C. M. Enticott. Determination of the best constant in an inequality of Hardy, Littlewood, and Pólya. *Experimental Mathematics*, 15(1):43–50, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476902>.

**Peters:2004:DEI**

- [Pet04] Meinhard Peters. The Diophantine equation  $xy + yz + xz = n$  and indecomposable binary quadratic forms. *Experimental Mathematics*, 13(3):273–274, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1103749835>.

**Pfeiffer:1997:SHC**

- [Pfe97] Götz Pfeiffer. The subgroups of  $M_{24}$ , or how to compute the table of marks of a finite group. *Experimental Mathematics*, 6(3):247–270, 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920424>.

**Pinn:2000:CCC**

- [Pin00] Klaus Pinn. A chaotic cousin of Conway’s recursive sequence. *Experimental Mathematics*, 9(1):55–66, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889590>.

**Piontkowski:2007:NCR**

- [Pio07] Jens Piontkowski. On the number of cusps of rational cuspidal plane curves. *Experimental Mathematics*, 16(2):251–256, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204905880>.

**Poonen:2001:CTP**

- [Poo01] Bjorn Poonen. Computing torsion points on curves. *Experimental Mathematics*, 10(3):449–466, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786350>.

**Poonen:2006:HBM**

- [Poo06] Bjorn Poonen. Heuristics for the Brauer–Manin obstruction for curves. *Experimental Mathematics*, 15(4):415–420, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789777>.

**Pinkall:1993:CDM**

- [PP93] Ulrich Pinkall and Konrad Polthier. Computing discrete minimal surfaces and their conjugates. *Experimental Mathematics*, 2(1):15–36, 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620735>.

**Petrera:2009:IHK**

- [PPS09] Matteo Petrera, Andreas Pfadler, and Yuri B. Suris. On integrability of Hirota–Kimura-type discretizations: Experimental study of the discrete Clebsch system. *Experimental Mathematics*, 18(2):223–247, 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158433>.

**Petrera:2017:CES**

- [PPSF17] Matteo Petrera, Andreas Pfadler, Yuri B. Suris, and Yuri N. Fedorov. On the construction of elliptic solutions of integrable birational maps. *Experimental Mathematics*, 26(3):324–341, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1166354>.

**Perrin-Riou:2003:ACE**

- [PR03] Bernadette Perrin-Riou. Arithmétique des courbes elliptiques à réduction supersingulière en  $p$ . (French) [Arithmetic on elliptic curves with a supersingular reduction in  $p$ ]. *Experimental Mathematics*, 12(2):155–186, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1067634729>.

**Plesken:2005:CIF**

- [PR05] W. Plesken and D. Robertz. Constructing invariants for finite groups. *Experimental Mathematics*, 14(2):175–188, 2005. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100130>.

**Plesken:2008:ECS**

- [PR08] W. Plesken and D. Robertz. Elimination for coefficients of special characteristic polynomials. *Experimental Mathematics*, 17(4):499–510, 2008. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429962>.

**Pasquier:2013:SPB**

- [PR13] B. Pasquier and N. Ressayre. The saturation property for branching rules — examples. *Experimental Mathematics*, 22(3):299–312, 2013. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic).

**Paulhus:2017:CDJ**

- [PR17a] Jennifer Paulhus and Anita M. Rojas. Completely decomposable Jacobian varieties in new genera. *Experimental Mathematics*, 26(4):430–445, 2017. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1199981>.

**Platt:2017:EEA**

- [PR17b] D. J. Platt and O. Ramaré. Explicit estimates: From  $\Lambda(n)$  in arithmetic progressions to  $\Lambda(n)/n$ . *Experimental Mathematics*, 26(1):77–92, 2017. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic).

**Pralle:2005:H**

- [Pra05] Harm Pralle. The hyperplanes of  $DW(5, 2)$ . *Experimental Mathematics*, 14(3):373–384, 2005. CODEN 1944 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371761>.

**Pomrance:1992:RHS**

- [PS92] Carl Pomrance and J. W. Smith. Reduction of huge, sparse matrices over finite fields via created catastrophes. *Experimental Mathematics*, 1(2):89–94, 1992. CODEN 1944

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709047>.

**Plesken:1996:CRR**

- [PS96] Wilhelm Plesken and Bernd Souvignier. Constructing rational representations of finite groups. *Experimental Mathematics*, 5(1):39–47, 1996. CODEN 1996 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047591146>.

**Plesken:2000:CCG**

- [PS00] Wilhelm Plesken and Tilman Schulz. Counting crystallographic groups in low dimensions. *Experimental Mathematics*, 9(3):407–411, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604675>.

**Pacetti:2008:CCV**

- [PT08] Ariel Pacetti and Gonzalo Tornaría. Computing central values of twisted  $L$ -series: The case of composite levels. *Experimental Mathematics*, 17(4):459–472, 2008. CODEN 2008 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243429959>.

**Purslow:2018:REA**

- [Pur18] Thomas Purslow. The restricted Ermolaev algebra and  $F_4$ . *Experimental Mathematics*, 27(3):272–276, 2018. CODEN 2018 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1256005>.

**Pinner:2001:IHR**

- [PW01] Christopher G. Pinner and Dan Wolczuk. On the inhomogeneous Hall's ray of period-one quadratics. *Experimental Mathematics*, 10(4):487–496, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855248>.

**Pfeifle:2004:MUB**

- [PZ04] Julian Pfeifle and Günter M. Ziegler. On the monotone upper bound problem. *Experimental Mathematics*, 13(1):1–12, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894086>.



**Porter:2009:FPU**

- [PZHC09] Mason A. Porter, Norman J. Zabusky, Bambi Hu, and David K. Campbell. Fermi, Pasta, Ulam and the birth of experimental mathematics: a numerical experiment that Enrico Fermi, John Pasta, and Stanislaw Ulam reported 54 years ago continues to inspire discovery. *American Scientist*, 97(3):214–221, May/June 2009. CODEN AM-SCAC. ISSN 0003-0996 (print), 1545-2786 (electronic). URL <http://www.americanscientist.org/issues/feature/2009/3/fermi-pasta-ulam-and-the-birth-of-experimental-mathematics>. The work referred to in the title is [FPU55].

**Quattrini:2006:DAV**

- [Qua06] Patricia L. Quattrini. On the distribution of analytic  $\sqrt{[Cyrillic - sha]}$  values on quadratic twists of elliptic curves. *Experimental Mathematics*, 15(3):355–365, 2006. CODEN 2006. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789764>.

**Rahimipour:2018:EML**

- [RAG18] A. R. Rahimipour, A. R. Ashrafi, and A. Gholami. The existence of minimal logarithmic signatures for some finite simple groups. *Experimental Mathematics*, 27(2):138–146, 2018. CODEN 2018. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1235997>.

**Rannard:1999:CIN**

- [Ran99] Richard Rannard. Computing immersed normal surfaces in the figure-eight knot complement. *Experimental Mathematics*, 8(1):73–84, 1999. CODEN 1999. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477114>.

**Rawdon:2003:CCD**

- [Raw03] Eric J. Rawdon. Can computers discover ideal knots? *Experimental Mathematics*, 12(3):287–302, 2003. CODEN 2003. ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329232>.

**Roney-Dougal:2004:CSG**

- [RD04] Colva M. Roney-Dougal. Conjugacy of subgroups of the general linear group. *Experimental Mathematics*, 13(2):151–164,

???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1090350930>.

**Reiter:1996:ASC**

- [Rei96] Clifford A. Reiter. Attractors with the symmetry of the  $n$ -cube. *Experimental Mathematics*, 5(4):327–336, ???? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565450>.

**Rimlinger:1992:BTN**

- [Rim92] Frank Rimlinger.  $\mathbf{R}$ -trees and normalization of pseudogroups. *Experimental Mathematics*, 1(2):95–114, ???? 1992. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709048>.

**Ritter:2007:HRF**

- [Rit07] Gordon Ritter. A Hardy–Ramanujan formula for Lie algebras. *Experimental Mathematics*, 16(3):375–384, ???? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204928537>.

**Rivoal:2004:SGK**

- [Riv04] T. Rivoal. Simultaneous generation of Koecher and Almkvist-Granville’s Apéry-like formulae. *Experimental Mathematics*, 13(4):503–508, ???? 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106442>.

**Rivoal:2010:EPS**

- [Riv10] Tanguy Rivoal. Extremality properties of some Diophantine series. *Experimental Mathematics*, 19(4):481–494, ???? 2010. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317758107>.

**Rivin:2016:SE**

- [Riv16] Igor Rivin. Spectral experiments+. *Experimental Mathematics*, 25(4):379–388, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Roblot:2000:SCH**

- [Rob00] Xavier-François Roblot. Stark’s conjectures and Hilbert’s twelfth problem. *Experimental Mathematics*, 9(2):251–260, ???? 2000.

CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).  
URL <http://projecteuclid.org/euclid.em/1045952349>.

**Roeder:2007:CHP**

- [Roe07] Roland K. W. Roeder. Constructing hyperbolic polyhedra using Newton's method. *Experimental Mathematics*, 16(4):463–492, ??? 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836516>.

**Rogers:2000:RCC**

- [Rog00] Nicholas F. Rogers. Rank computations for the congruent number elliptic curves. *Experimental Mathematics*, 9(4):591–594, October 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759524>.

**Romik:2018:DEE**

- [Rom18] Dan Romik. Differential equations and exact solutions in the moving sofa problem. *Experimental Mathematics*, 27(3):316–330, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1270858>.

**Roos:2008:HLA**

- [Roo08] Jan-Erik Roos. The homotopy Lie algebra of a complex hyperplane arrangement is not necessarily finitely presented. *Experimental Mathematics*, 17(2):129–143, ??? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118966>.

**Rostand:1997:CLC**

- [Ros97] Jérémie Rostand. Computing logarithmic capacity with linear programming. *Experimental Mathematics*, 6(3):221–238, ??? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047920422>.

**Rose:2000:SEC**

- [Ros00] Harvey E. Rose. On some elliptic curves with large sha. *Experimental Mathematics*, 9(1):85–89, ??? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889593>.

**Rosman:2005:FBP**

- [Ros05] Wayne Rossman. The first bifurcation point for Delaunay nodoids. *Experimental Mathematics*, 14(3):331–342, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371758>.

**Rubinstein:1994:CB**

- [RS94] Michael Rubinstein and Peter Sarnak. Chebyshev’s bias. *Experimental Mathematics*, 3(3):173–197, 1994. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515870>.

**Rosman:1998:CMC**

- [RS98] Wayne Rossman and Katsunori Sato. Constant mean curvature surfaces with two ends in hyperbolic space. *Experimental Mathematics*, 7(2):101–119, 1998. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515658>.

**Rubin:2000:REC**

- [RS00] Karl Rubin and Alice Silverberg. Ranks of elliptic curves in families of quadratic twists. *Experimental Mathematics*, 9(4):583–590, October 2000. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045759523>.

**Rubin:2001:RFQ**

- [RS01] Karl Rubin and Alice Silverberg. Rank frequencies for quadratic twists of elliptic curves. *Experimental Mathematics*, 10(4):559–570, 2001. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855256>.

**Rubinstein:2005:VRF**

- [RS05] J. Hyam Rubinstein and Robert Sinclair. Visualizing Ricci flow of manifolds of revolution. *Experimental Mathematics*, 14(3):285–298, 2005. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371754>.

**Rhin:2003:NMP**

- [RSÉ03] G. Rhin and J.-M. Sac-Épée. New methods providing high degree polynomials with small Mahler measure. *Experimen-*

*tal Mathematics*, 12(4):457–462, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568021>.

**Ruffo:2006:ECR**

- [RSSS06] Jim Ruffo, Yuval Sivan, Evgenia Soprunova, and Frank Sottile. Experimentation and conjectures in the real Schubert calculus for flag manifolds. *Experimental Mathematics*, 15(2):199–221, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789741>.

**Ren:2013:UKT**

- [RSSS13] Qingchun Ren, Steven V. Sam, Gus Schrader, and Bernd Sturmfels. The universal Kummer threefold. *Experimental Mathematics*, 22(3):327–362, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Ratcliffe:2000:VSH**

- [RT00] John G. Ratcliffe and Steven T. Tschantz. The volume spectrum of hyperbolic 4-manifolds. *Experimental Mathematics*, 9(1):101–125, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889595>.

**Roure:2016:TIC**

- [RT16] Eduard Roure and Artur Travesa. Two independent checkings of the weak Goldbach conjecture up to  $10^{27}$ . *Experimental Mathematics*, 25(1):79–82, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Rossman:2000:EDP**

- [RTW00] Wayne Rossman, Edward C. Thayer, and Meinhard Wohlgemuth. Embedded, doubly periodic minimal surfaces. *Experimental Mathematics*, 9(2):197–219, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952345>.

**Rubinstein:2013:ECH**

- [Rub13] Michael O. Rubinstein. Elliptic curves of high rank and the Riemann zeta function on the one line. *Experimental Mathematics*, 22(4):465–480, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Rennert:1999:CRA**

- [RV99] Nicolas Rennert and Annick Valibouze. Calcul de résolvantes avec les modules de Cauchy. (French) [Computing resolvents with Cauchy modules]. *Experimental Mathematics*, 8(4):351–366, 1999. CODEN 1999 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262357>.

**Ryba:1994:MGH**

- [RW94] Alexander J. E. Ryba and Robert A. Wilson. Matrix generators for the Harada–Norton group. *Experimental Mathematics*, 3(2):137–145, 1994. CODEN 1994 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620907>.

**Roblot:2011:NET**

- [RW11] Xavier-François Roblot and Alfred Weiss. Numerical evidence toward a 2-adic equivariant “main conjecture”. *Experimental Mathematics*, 20(2):169–176, 2011. CODEN 2011 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924408>.

**Renze:2001:GZ**

- [RWW01] John Renze, Stan Wagon, and Brian Wick. The Gaussian zoo. *Experimental Mathematics*, 10(2):161–174, 2001. CODEN 2001 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188629>.

**Scaramuzza:2009:APE**

- [Sca09] Anna Scaramuzza. Algorithms for projectivity and extremal classes of a smooth toric variety. *Experimental Mathematics*, 18(1):71–84, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430531>.

**Schwartz:1992:PM**

- [Sch92] Richard Schwartz. The pentagram map. *Experimental Mathematics*, 1(1):71–81, 1992. CODEN 1992 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048709118>.

**Schwingel:1999:TPP**

- [Sch99] Ruth Schwingel. The tensor product of polynomials. *Experimental Mathematics*, 8(4):395–397, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047262360>.

**Schwartz:2001:PMR**

- [Sch01] Richard Evan Schwartz. The pentagram map is recurrent. *Experimental Mathematics*, 10(4):519–528, 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069855251>.

**Schmithusen:2004:AFV**

- [Sch04] Gabriela Schmithüsen. An algorithm for finding the veech group of an origami. *Experimental Mathematics*, 13(4):459–472, 2004. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106438>.

**Schneider:2005:CBA**

- [Sch05] Csaba Schneider. A computer-based approach to the classification of nilpotent Lie algebras. *Experimental Mathematics*, 14(2):153–160, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100128>.

**Schwartz:2006:OTB**

- [Sch06] Richard Evan Schwartz. Obtuse triangular billiards I: Near the  $(2, 3, 6)$  triangle. *Experimental Mathematics*, 15(2):161–182, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789737>.

**Schratzberger:2007:STD**

- [Sch07] B. Schratzberger. On the singularization of the two-dimensional Jacobi–Perron algorithm. *Experimental Mathematics*, 16(4):441–454, 2007. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1204836514>.

**Schwartz:2009:OTB**

- [Sch09] Richard Evan Schwartz. Obtuse triangular billiards II: One hundred degrees worth of periodic trajectories. *Experimen-*

*tal Mathematics*, 18(2):137–171, 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158426>.

**Schwartz:2013:FEC**

[Sch13a] Richard Evan Schwartz. The five-electron case of Thomson’s Problem. *Experimental Mathematics*, 22(2):157–186, 2013. ISSN 1058-6458 (print), 1944-950X (electronic).

**Schwartz:2013:PS**

[Sch13b] Richard Evan Schwartz. Pentagon spirals. *Experimental Mathematics*, 22(4):384–405, 2013. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Stroeker:1994:EDE**

[SdW94] Roel J. Stroeker and Benjamin M. M. de Weger. On elliptic Diophantine equations that defy Thue’s method: the case of the ochoa curve. *Experimental Mathematics*, 3(3):209–220, 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515872>.

**Sengun:2011:ICB**

[Şen11] Mehmet Haluk Şengün. On the integral cohomology of Bianchi groups. *Experimental Mathematics*, 20(4):487–505, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367159>.

**Sevcik:2018:FAP**

[Sev18] Carlos Sevcik. Fractal analysis of pi normality. *Experimental Mathematics*, 27(3):331–343, 2018. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2017.1279092>.

**Sherman:2009:CPD**

[She09] Morgan Sherman. Convergence properties of Donaldson’s  $T$ -iterations on the Riemann sphere. *Experimental Mathematics*, 18(1):117–126, 2009. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430535>.



**Shiu:2005:DPA**

- [Shi05] P. Shiu. A Diophantine property associated with prime twins. *Experimental Mathematics*, 14(1):1–6, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1120145565>.

**Shimada:2016:ASS**

- [Shi16] Ichiro Shimada. Automorphisms of supersingular  $K3$  surfaces and Salem polynomials. *Experimental Mathematics*, 25(4):389–398, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Shparlinski:2016:RSI**

- [Shp16] Igor E. Shparlinski. Ratios of small integers in multiplicative subgroups of residue rings. *Experimental Mathematics*, 25(3):273–280, 2016. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Silverman:1995:EUN**

- [Sil95] Joseph H. Silverman. Exceptional units and numbers of small Mahler measure. *Experimental Mathematics*, 4(1):69–83, 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621144>.

**Silverio:2017:RPE**

- [Sil17] Andrew E. Silverio. Reversing palindromic enumeration in rank-two free groups. *Experimental Mathematics*, 26(3):364–372, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1180655>.

**Sinclair:2003:LGS**

- [Sin03] R. Sinclair. On the last geometric statement of Jacobi. *Experimental Mathematics*, 12(4):477–486, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087568023>.

**Singh:2015:OHG**

- [Sin15] Sandip Singh. Orthogonal hypergeometric groups with a maximally unipotent monodromy. *Experimental Mathematics*, 24(4):449–459, 2015. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Spreer:2011:CPS**

- [SK11] Jonathan Spreer and Wolfgang Kühnel. Combinatorial properties of the  $K^3$  surface: Simplicial blowups and slicings. *Experimental Mathematics*, 20(2):201–216, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924411>.

**Shishikura:2000:FCR**

- [SL00] Mitsuhiro Shishikura and Tan Lei. A family of cubic rational maps and matings of cubic polynomials. *Experimental Mathematics*, 9(1):29–53, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1046889589>.

**Smith:2000:IRH**

- [Smi00] Alvy Ray Smith. Infinite regular hexagon sequences on a triangle. *Experimental Mathematics*, 9(3):397–406, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604674>.

**Snellman:2005:CPB**

- [Sne05] Jan Snellman. A conjecture on Poincaré-Betti series of modules of differential operators on a generic hyperplane arrangement. *Experimental Mathematics*, 14(4):445–456, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1136926975>.

**Sottile:2000:RSC**

- [Sot00] Frank Sottile. Real Schubert calculus: polynomial systems and a conjecture of Shapiro and Shapiro. *Experimental Mathematics*, 9(2):161–182, 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952343>.

**Schielzeth:2005:RQN**

- [SP05] Daniel Schielzeth and Michael E. Pohst. On real quadratic number fields suitable for cryptography. *Experimental Mathematics*, 14(2):189–197, 2005. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128100131>.

**Shmerkin:2006:ZPS**

- [SS06] Pablo Shmerkin and Boris Solomyak. Zeros of  $\{-1, 0, 1\}$  power series and connectedness loci for self-affine sets. *Experimental Mathematics*, 15(4):499–511, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789784>.

**Silverman:2011:APA**

- [SS11] Joseph H. Silverman and Katherine E. Stange. Amicable pairs and aliquot cycles for elliptic curves. *Experimental Mathematics*, 20(3):329–357, 2011. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1317924425>.

**Sabadini:2003:DCA**

- [SSS03] Irene Sabadini, Frank Sommen, and Daniele C. Struppa. The Dirac complex on abstract vector variables: Megaforms. *Experimental Mathematics*, 12(3):351–364, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329237>.

**Stewart:1995:ILC**

- [ST95] Iain A. Stewart and Ben Thompson. On the intersections of longest cycles in a graph. *Experimental Mathematics*, 4(1):41–48, 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621141>.

**Stroeker:1999:ELM**

- [ST99] Roel J. Stroeker and Nikos Tzanakis. On the elliptic logarithm method for elliptic diophantine equations: reflections and an improvement. *Experimental Mathematics*, 8(2):135–149, 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477057>.

**Sinclair:2002:LSC**

- [ST02a] Robert Sinclair and Minoru Tanaka. Loki: Software for computing cut loci. *Experimental Mathematics*, 11(1):1–25, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860311>.

**Sinclair:2002:SPT**

- [ST02b] Robert Sinclair and Minoru Tanaka. The set poles of a two-sheeted hyperboloid. *Experimental Mathematics*, 11(1):27–36, 2002. CODEN 2002 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057860312>.

**Sumida-Takahashi:2005:IIH**

- [ST05] Hiroki Sumida-Takahashi. The Iwasawa invariants and the higher  $K$ -groups associated to real quadratic fields. *Experimental Mathematics*, 14(3):307–316, 2005. CODEN 2005 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1128371756>.

**Stevenhagen:1993:NRQ**

- [Ste93] Peter Stevenhagen. The number of real quadratic fields having units of negative norm. *Experimental Mathematics*, 2(2):121–136, 1993. CODEN 1993 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048516217>.

**Stevens:1995:CVD**

- [Ste95] Jan Stevens. Computing versal deformations. *Experimental Mathematics*, 4(2):129–144, 1995. CODEN 1995 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931622>.

**Steinerberger:2017:HSU**

- [Ste17] Stefan Steinerberger. A hidden signal in the Ulam sequence. *Experimental Mathematics*, 26(4):460–467, 2017. CODEN 2017 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1204638>.

**Stoimenow:2000:RKT**

- [Sto00] Alexander Stoimenow. Rational knots and a theorem of Kanenobu. *Experimental Mathematics*, 9(3):473–478, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604681>.

**Stopples:2009:QCE**

- [Sto09] Jeffrey Stopples. The quadratic character experiment. *Experimental Mathematics*, 18(2):193–200, 2009. CODEN 2009

ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158429>.

**Stoll:2017:STL**

- [Sto17a] Michael Stoll. Simultaneous torsion in the Legendre family. *Experimental Mathematics*, 26(4):446–459, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1201443>.

**Stopple:2017:LPR**

- [Sto17b] Jeffrey Stopple. Lehmer pairs revisited. *Experimental Mathematics*, 26(1):45–53, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Strichartz:1995:DSS**

- [STZ95] Robert S. Strichartz, Arthur Taylor, and Tong Zhang. Densities of self-similar measures on the line. *Experimental Mathematics*, 4(2):101–128, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047931621>.

**Suleiman:1993:CFC**

- [SW93] Ibrahim A. I. Suleiman and Robert A. Wilson. Construction of the fourfold cover of the Mathieu group  $M_{22}$ . *Experimental Mathematics*, 2(1):11–14, ???? 1993. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062620734>.

**Suleiman:1995:SG**

- [SW95] Ibrahim A. I. Suleiman and Robert A. Wilson. Standard generators for  $J_3$ . *Experimental Mathematics*, 4(1):11–18, ???? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621139>.

**Stein:1999:SME**

- [SW99] Andreas Stein and Hugh C. Williams. Some methods for evaluating the regulator of a real quadratic function field. *Experimental Mathematics*, 8(2):119–133, ???? 1999. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477056>.

**Sarveniazi:2010:ECR**

- [SW10] Alireza Sarveniazi and Stefan Wiedmann. Explicit construction of the (13,13)-regular hypergraph. *Experimental Mathematics*, 19(2):237–242, 2010. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1276784792>.

**Steuding:2012:RZF**

- [SW12] Jörn Steuding and Elias Wegert. The Riemann zeta function on arithmetic progressions. *Experimental Mathematics*, 21(3):235–240, 2012. CODEN 1944-950X (print), 1944-950X (electronic).

**Sasaki:2001:GSH**

- [SY01] Takeshi Sasaki and Masaaki Yoshida. A geometric study of the hypergeometric function with imaginary exponents. *Experimental Mathematics*, 10(3):321–330, 2001. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786340>.

**Sasaki:2008:HSM**

- [SYY08] Takeshi Sasaki, Kotaro Yamada, and Masaaki Yoshida. The hyperbolic Schwarz map for the hypergeometric. *Experimental Mathematics*, 17(3):269–282, 2008. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121382>.

**Schwartz:2004:CTC**

- [SZ04] Alexander Schwartz and Günter M. Ziegler. Construction techniques for cubical complexes, odd cubical 4-polytopes, and prescribed dual manifolds. *Experimental Mathematics*, 13(4):385–413, 2004. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106431>.

**Sills:2006:DDC**

- [SZ06] Andrew V. Sills and Doron Zeilberger. Disturbing the Dyson conjecture (in a GOOD way). *Experimental Mathematics*, 15(2):187–191, 2006. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789739>.

**Szekeres:1998:AER**

- [Sze98] George Szekeres. Abel's equation and regular growth: variations on a theme by Abel. *Experimental Mathematics*, 7(2):85–100, 1998. CODEN 1998 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515657>.

**Schaeffer:2004:ANP**

- [SZJ04] Gilles Schaeffer and Paul Zinn-Justin. On the asymptotic number of plane curves and alternating knots. *Experimental Mathematics*, 13(4):483–493, 2004. CODEN 2004 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1109106440>.

**Taherkhani:2000:KPM**

- [Tah00] Feraydoun Taherkhani. The Kazhdan property of the mapping class group of closed surfaces and the first cohomology group of its cofinite subgroups. *Experimental Mathematics*, 9(2):261–274, 2000. CODEN 2000 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952350>.

**Takemori:2014:CRS**

- [Tak14] Sho Takemori. Congruence relations for Siegel modular forms of weight 47, 71, and 89. *Experimental Mathematics*, 23(4):423–428, 2014. CODEN 2014 ISSN 1058-6458 (print), 1944-950X (electronic).

**Tange:2009:LSG**

- [Tan09] Motoo Tange. Lens spaces given from  $L$ -space homology 3-spheres. *Experimental Mathematics*, 18(3):285–301, 2009. CODEN 2009 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158466>.

**Tari:1992:RSF**

- [Tar92] Farid Tari. Recognition of  $\mathcal{K}$ -singularities of functions. *Experimental Mathematics*, 1(3):225–229, 1992. CODEN 1992 ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048622025>.

**Terras:1996:SSL**

- [Ter96] Audrey Terras. Survey of spectra of Laplacians on finite symmetric spaces. *Experimental Mathematics*, 5(1):15–32, 1996.

CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).  
 URL <http://projecteuclid.org/euclid.em/1047591144>.

**Thayer:1995:HGC**

- [Tha95] Edward C. Thayer. Higher-genus Chen–Gackstatter surfaces and the Weierstrass representation for surfaces of infinite genus. *Experimental Mathematics*, 4(1):19–39, ??? 1995. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621140>.

**Thaine:2008:CFC**

- [Tha08] F. Thaine. On the construction of families of cyclic polynomials whose roots are units. *Experimental Mathematics*, 17(3):315–331, ??? 2008. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227121385>.

**Theobald:2002:CA**

- [The02] Thorsten Theobald. Computing amoebas. *Experimental Mathematics*, 11(4):513–526, ??? 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864661>.

**Thunberg:1994:FNC**

- [Thu94] Hans Thunberg. Feigenbaum numbers for certain flat-top families. *Experimental Mathematics*, 3(1):51–57, ??? 1994. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621003>.

**Tompaidis:1996:AIS**

- [Tom96a] Stathis Tompaidis. Approximation of invariant surfaces by periodic orbits in high-dimensional maps: some rigorous results. *Experimental Mathematics*, 5(3):197–209, ??? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047915101>.

**Tompaidis:1996:NSI**

- [Tom96b] Stathis Tompaidis. Numerical study of invariant sets of a quasiperiodic perturbation of a symplectic map. *Experimental Mathematics*, 5(3):211–230, ??? 1996. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047915102>.



**Traizet:2008:ESE**

- [Tra08] Martin Traizet. Exploring the space of embedded minimal surfaces of finite total curvature. *Experimental Mathematics*, 17(2):205–221, 2008. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227118972>.

**Torquato:2006:NCL**

- [TS06] S. Torquato and F. H. Stillinger. New conjectural lower bounds on the optimal density of sphere packings. *Experimental Mathematics*, 15(3):307–331, 2006. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789761>.

**Tsukerman:2016:PPT**

- [Tsu16] E. Tsukerman. Ping-pong and the traveling salesman problem. *Experimental Mathematics*, 25(1):1–7, 2016. CODEN 1944-950X (print), 1944-950X (electronic).

**Tamminen:2017:DBM**

- [TTS17] J. Tamminen, T. Tarvainen, and S. Siltanen. The D-Bar method for diffuse optical tomography: A computational study. *Experimental Mathematics*, 26(2):225–240, 2017. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1157775>.

**Teske:1999:PCC**

- [TW99] Edlyn Teske and Hugh C. Williams. A problem concerning a character sum. *Experimental Mathematics*, 8(1):63–72, 1999. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477113>.

**Umeda:2009:CMC**

- [Ume09] Yuhei Umeda. Constant-mean-curvature surfaces with singularities in Minkowski 3-space. *Experimental Mathematics*, 18(3):311–323, 2009. CODEN 1944-950X (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158468>.

**VanHirtum:2017:DFW**

- [Van17] Jasper Van Hirtum. On the distribution of Frobenius of weight 2 eigenforms with quadratic coefficient field. *Experimental Mathematics*, 26(2):165–188, 2017. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/10586458.2016.1142912>.

**Vardi:1998:PP**

- [Var98] Ilan Vardi. Prime percolation. *Experimental Mathematics*, 7(3):275–289, ???? 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674208>.

**vanderPoorten:2001:PD**

- [vdP01] Alfred J. van der Poorten. A powerful determinant. *Experimental Mathematics*, 10(2):307–320, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188640>.

**Vershelde:2000:NEC**

- [Ver00] Jan Vershelde. Numerical evidence for a conjecture in real algebraic geometry. *Experimental Mathematics*, 9(2):183–196, ???? 2000. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045952344>.

**vanGeemen:1997:HEC**

- [vGvdKTV97] Bert van Geemen, Wilberd van der Kallen, Jaap Top, and Alain Verberkmoes. Hecke eigenforms in the cohomology of congruence subgroups of  $SL(3, \mathbf{Z})$ . *Experimental Mathematics*, 6(2):163–174, ???? 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047650002>.

**Vinson:2001:PSM**

- [Vin01] Jade Vinson. Partial sums of  $\zeta(1/2)$  modulo 1. *Experimental Mathematics*, 10(3):337–344, ???? 2001. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1069786342>.

- Vivaldi:1994:PTR**
- [Viv94] Franco Vivaldi. Periodicity and transport from round-off errors. *Experimental Mathematics*, 3(4):303–315, 1994. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515812>.
- Vasco:2003:MLF**
- [VRS03] María Isabel González Vasco, Martin Rötteler, and Rainer Steinwandt. On minimal length factorizations of finite groups. *Experimental Mathematics*, 12(1):1–2, 2003. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858780>.
- Veerman:2000:DCI**
- [VS00] J. J. P. Veerman and B. D. Stošić. On the dimensions of certain incommensurably constructed sets. *Experimental Mathematics*, 9(3):413–423, 2000. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1045604676>.
- Villegas:1999:CPC**
- [VV99] Fernando Rodriguez Villegas and José Felipe Voloch. On certain plane curves with many integral points. *Experimental Mathematics*, 8(1):57–62, 1999. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047477112>.
- Wada:2006:OAD**
- [Wad06] Masaaki Wada. OPTi's algorithm for discreteness determination. *Experimental Mathematics*, 15(1):61–66, 2006. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1150476904>.
- Wagstaff:2001:PNF**
- [Wag01] Samuel S. Wagstaff. Prime numbers with a fixed number of one bits or zero bits in their binary representation. *Experimental Mathematics*, 10(2):267–274, 2001. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188636>.
- Waldschmidt:1994:DPR**
- [Wal94] Michel Waldschmidt. Densité des points rationnels sur un groupe algébrique. (French) [Density of rational points on an

algebraic group]. *Experimental Mathematics*, 3(4):329–352, 1994. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1048515814>. See errata [Wal95].

**Waldschmidt:1995:EDP**

[Wal95] Michel Waldschmidt. Errata to: “Densité des point rationnels sur un groupe algébrique”. *Experimental Mathematics*, 4(3):255, 1995. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621082>. See [Wal94].

**Waldmuller:2003:FMN**

[Wal03] Reinhard Waldmüller. A flat manifold with no symmetries. *Experimental Mathematics*, 12(1):71–77, 2003. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858784>.

**Walker:2013:SCL**

[Wal13] Alden Walker. Stable commutator length in free products of cyclic groups. *Experimental Mathematics*, 22(3):282–298, 2013. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic).

**Wang:2001:NDS**

[Wan01] Yang Wang. On the number of Daubechies scaling functions and a conjecture of chyzak et al. *Experimental Mathematics*, 10(1):87–89, 2001. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/999188422>.

**Wang:2009:FIE**

[Wan09] Jeffrey Wang. Finding and investigating exact spherical codes. *Experimental Mathematics*, 18(2):249–256, 2009. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158434>.

**Warrington:2011:ECC**

[War11] Gregory S. Warrington. Equivalence classes for the  $\mu$ -coefficient of Kazhdan–Lusztig polynomials in  $S_n$ . *Experimental Mathematics*, 20(4):457–466, 2011. CODEN 1944-950X ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1323367157>.

**Watkins:2002:CMD**

- [Wat02] Mark Watkins. Computing the modular degree of an elliptic curve. *Experimental Mathematics*, 11(4):487–502, 2002. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1057864659>.

**Watkins:2008:SHA**

- [Wat08] Mark Watkins. Some heuristics about elliptic curves. *Experimental Mathematics*, 17(1):105–125, 2008. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1227031901>.

**Weber:1997:HSF**

- [Web97] Hermann-Josef Weber. Hyperelliptic simple factors of  $J_0(N)$  with dimension at least 3. *Experimental Mathematics*, 6(4):273–287, 1997. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047047188>.

**Weber:2009:LDC**

- [Web09] Christian Weber. Low-degree cohomology of integral Specht modules. *Experimental Mathematics*, 18(1):85–96, 2009. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1243430532>.

**Weintraub:2014:AD**

- [Wei14] Steven H. Weintraub. The adjoint of differentiation. *Experimental Mathematics*, 23(4):429–432, 2014. CODEN 1058-6458 (print), 1944-950X (electronic).

**Weinstein:2016:NFP**

- [Wei16] F. V. Weinstein. Notes on Fibonacci partitions. *Experimental Mathematics*, 25(4):482–499, 2016. CODEN 1058-6458 (print), 1944-950X (electronic).

**Wikstrom:2003:CPG**

- [Wik03] Frank Wikström. Computing the pluricomplex Green function with two poles. *Experimental Mathematics*, 12(3):375–384, 2003. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1087329239>.

**Willerton:2002:FTV**

- [Wil02] Simon Willerton. On the first two Vassiliev invariants. *Experimental Mathematics*, 11(2):289–296, 2002. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1062621221>.

**Wilson:2006:SGC**

- [Wil06] P. M. H. Wilson. Some geometry and combinatorics for the  $S$ -invariant of ternary cubics. *Experimental Mathematics*, 15(4):479–490, 2006. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1175789782>.

**Wilson:1997:BPC**

- [WPW97] Mark C. Wilson, Geoffrey Pritchard, and David H. Wood. Bell's primeness criterion for  $W(2n + 1)$ . *Experimental Mathematics*, 6(1):77–85, 1997. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047565285>.

**Woodcock:1998:ACR**

- [WS98] Christopher F. Woodcock and Nigel P. Smart.  $p$ -adic chaos and random number generation. *Experimental Mathematics*, 7(4):333–342, 1998. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1047674151>.

**Williams:2003:NCC**

- [WtR03] Hugh Williams and Herman te Riele. New computations concerning the Cohen–Lenstra heuristics. *Experimental Mathematics*, 12(1):99–113, 2003. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1064858787>.

**Xylogiannopoulos:2014:EAN**

- [XKA14] Konstantinos F. Xylogiannopoulos, Panagiotis Karampelas, and Reda Alhajj. Experimental analysis on the normality of using advanced data-mining techniques. *Experimental Mathematics*, 23(2):105–128, 2014. CODEN ???? ISSN 1058-6458 (print), 1944-950X (electronic).

**Xu:2004:PLD**

- [Xu04] Yuan Xu. On polynomials of least deviation from zero in several variables. *Experimental Mathematics*, 13(1):103–113, 2004. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1086894092>.

**Yabuta:2009:PDC**

- [Yab09] Minoru Yabuta. Primitive divisors of certain elliptic divisibility sequences. *Experimental Mathematics*, 18(3):303–310, 2009. CODEN 1058-6458 (print), 1944-950X (electronic). URL <http://projecteuclid.org/euclid.em/1259158467>.