

A Bibliography of Publications of Derrick Henry Lehmer

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Abstract

This bibliography records publications of Derrick Henry (D. H.) Lehmer
(1905–1991).

Title word cross-reference

#5546 [Bri82].

$(0, 1)$ [Leh81c]. $(p - 1)! \equiv -1 \pmod{p^2}$ [Leh37f]. 0 [LMv86]. 1 [Jag63, LMv86].
2 [Uhl49b]. $200 < p < 521$ [LM78a, LM78b]. 2^k [Jar06]. $2^m \pm 1$
[BLS75, Bri82]. $2^n \pm 1$ [Kra52, Leh33f, Leh47a]. **\$3.95** [Leh49a]. 449! [Uhl55].
49 [Leh51b]. **\$6.00** [Leh41a]. 64 [DH97b]. 751! [Uhl55].
 $b = 2, 3, 5, 6, 7, 10, 11, 12$ [BLS⁺83b, BLS⁺88b, BLS⁺02]. $b^n \pm 1$
[BLS⁺83a, BLS⁺83b, BLS⁺88a, BLS⁺88b, BLS⁺02].
 $b^n \pm 1, b = 2, 3, 5, 6, 7, 10, 11, 12$ [W.85]. $h^*(p)$ [LM78b]. $h^*(p)$ [LM78a]. $I_n(X)$
[Leh44a]. $J(\tau)$ [Leh42a]. k [Liu09, MW16, Ren09]. L [Rot82]. Λ
[COSV93, CSV94a]. $m^2 = n! + 1$ [Leh37a, Leh37c]. n

[Leh36e, Leh40a, Leh50, ZG98]. $O(n^{1/10.89})$ [AL81]. p
 [DMPP19, GZ01a, Gao03, Gre78, Leh30c, Loo83, PGCN20]. ϕ [Leh76a]. π
 [Aki90, Leh38d, NS84, NJ55, SW62]. $\pi(x)$ [DR96, LMO85]. ψ
 [Ram85, Ram88]. Q [Rot82, PP51, WGH96, WHG96, Zha94b]. $Q(\sqrt{D})$
 [WB79]. r [Leh30b, ZX09]. $t^2 - p^2 Du^2 = 1$ [Leh26d]. $\tau(n)$
 [Leh43a, Leh47c, S.70]. $x^3 + y^3 + z^3 = 1$ [Leh56c, New57a]. x^x [Leh85c]. ξ
 [CSV94b]. Z [Sim18].

-adic [Gre78, Loo83]. **-Ary** [Leh36e]. **-bit** [DH97b]. **-dimensional**
 [Leh40a, Leh50]. **-free** [Ren09]. **-function** [CSV94b, Sim18]. **-Funktion**
 [Leh76a]. **-groups** [DMPP19]. **-Klassenzahlen** [Leh76a]. **-Lehmer** [MW16].
-product [Ram85, Ram88]. **-th** [Leh30b, ZX09]. **-tuples** [Liu09].

10018a [Bri83a, Bri83b]. **17** [Leh63c]. **1949** [Ano51]. **1954** [Mey56]. **1957**
 [Mac59]. **1982/83** [CS83]. **1992** [VRP92].

20s. [Leh36a]. **21** [Bri83a, Bri83b]. **25** [Swi72]. **280** [New57a]. **29** [Bri82].
298 [New57b]. **2nd** [Leh79].

30th [VRP92]. **32** [LM78a].

4 [SS74]. **42** [CS83]. **43** [Leh71d].

50th [Gau94]. **52** [Bri82]. **56** [Leh71e].

84a [CS83]. **84f** [Bri83a, Bri83b]. **87e** [Kle90].

90c [Cal89]. **93** [Kle90]. **'95** [Lev95, Cal89].

= [Mac59].

A. [Leh37d]. **Abelian** [Leh32f]. **abelien** [DP08, DP08]. **Absolute** [Leh39c].
Acta [CS83, New57b]. **Addendum** [LM78a]. **adic** [Gre78, Loo83]. **Adjacent**
 [Leh65b]. **Advanced**
 [AJD55, AJL57, AL38, BS56, BB55, BL63, Bel44, BG56, CL55, Cou38, ES79,
 Erd37, EL39, Erd43, ES44, ER55, EVWK56, EP58, Erd59, Erd62, FP61,
 Fun63, GJ38, Goh55, Gol54, GHL55, GR39, Goo50, IM57, KW79, KH55,
 KC57, KCD⁺77, KL79, LAC⁺36, LB38, Leh39e, Leh48c, LK50, Leh55b, LC56,
 LR57, Lor55, Mak62, MC63, MS63, MS39, MG39, NB63, RHSW55, RG56,
 San48, SK50, SCB⁺54, SK55, SM79, SG44, Th  39, TG40, Th  44, TP40,
 UC63, WBL44, WR50, WLE⁺37, yWM56, WT63, Wei55, WI56, WH57].
advantages [Leh83a]. **after** [EEW00]. **Algebraic**
 [Leh33b, Leh33e, Lev95, Mou01, FM13]. **Algorithm**
 [AL81, DV04, GM78, Jeb95, Leh38c, Leh38f, WB79, Sed01, Sor95].

Algorithms [WJ76, Wat77, Leh72a]. **aliquot** [GLSW74]. **all-purpose** [Leh53a]. **Amer** [Cal89, Kle90, Leh71d, Leh71e]. **Amicable** [Esc46]. **among** [WHG96]. **analiz** [Gol65]. **Analogue** [Leh30c, Leh32f, Leh38b, SS74]. **analogues** [TCY15]. **Analysis** [DV04, Dys43, Leh60b, Sor95]. **ancient** [Gra13]. **Andrews** [EZ19, EZ21]. **Andrews-inspired** [EZ19, EZ21]. **Anniversary** [Gau94]. **Annual** [VRP92]. **anyone** [LL62a]. **Application** [Leh26c, BŽ19, Leh38a, LLV54]. **Applications** [Leh56e, Leh13, DH97a, PGCN20, PP51]. **Applied** [BP64, BP81, Leh39b, Leh45, Leh69b]. **Approach** [How89, Leh88b, Cal89]. **Approximations** [Leh50, BB87]. **April** [VRP92]. **Arabian** [Uhl49a]. **arc** [Tod49]. **Arccotangent** [Leh38d]. **area** [Leh50]. **arising** [NS84]. **Arith** [CS83]. **Arithmetic** [Leh31a, WCW11, WCW12, CWQ12, Gre78, Leh73b, Rot82, Zha94a]. **Arithmetical** [Leh32a, Leh75a]. **Art** [Leh72a]. **Ary** [Leh36e]. **aspects** [Leh72c]. **Associated** [HS15, EEW00, Leh85c]. **Association** [Leh36a]. **Asymptotic** [Ren09, Aki90]. **August** [Gau94]. **Ausnahmen** [KW81]. **author** [Bri82]. **autocorrelation** [Jag63].

Baker [Leh61a]. **Ball** [Cox52]. **Banff** [Mac59]. **Base** [Leh26e, Leh81b]. **Based** [KM13, WTL00]. **Bernoulli** [Cal89, How89, Leh35a, Leh36b, Leh40b, Leh88b]. **Bessel** [Leh49a, Leh32a, Leh44a]. **Between** [KM13, WCW11, WCW12, GZ01b, Leh88d, Uhl55, WGH96, Zha94b]. **bilinear** [TT56a]. **binary** [Guo11b, LY08]. **Binomial** [Glo48, Leh85b]. **Birger** [Leh69a]. **bit** [DH97b]. **bonnes** [Des10]. **Book** [Leh36a, Leh41a, Leh49a, Leh61a, Leh69a, Leh72a, Leh76a, Leh79, Leh82b, S.70, Sel59, W.85]. **bound** [BŽ19, COSV93]. **Bounds** [BLL64, CWQ12]. **Bowman** [HLL⁺85]. **Brillhart** [W.85]. **British** [Gau94, Leh36a]. **BRL** [Leh54a]. **Bruijn** [COSV93, CSV94a]. **Bryant** [W.85].

C [Leh61a]. **Calculating** [Ano51, Leh25, Leh73a, Wil80]. **Calculation** [SW62, WB79]. **calculations** [Leh66a, Leh73c, Tur53]. **Calculus** [Leh31b]. **Cambi** [Leh49a]. **Cambridge** [Leh41a]. **Canada** [Mou01, Lev95]. **Canadian** [Mac59]. **canadien** [Mac59]. **cancellations** [Xu13]. **Candy** [Leh37d]. **Cards** [Leh57c]. **Carlitz** [SM93]. **Carlo** [Gol65, Mey56]. **Carmichael** [Leh76d, McN13, MW16]. **Carolina** [VRP92]. **case** [GM11, LL41]. **Census** [Leh37d]. **Central** [Leh85b]. **century** [Gau94, Leh88a, MHR80]. **Certain** [Leh33a, LV57, DMPP19, DH97a, GLMU56, Leh43b, Leh56b, Leh65a, Leh71b, Leh74a, Leh91b, Wil80]. **chains** [Leh65a]. **Challenge** [BL71]. **Changepoint** [WTL00]. **Character** [Leh66d, LLS70, Leh56b, Leh60d, Leh73f]. **Characters** [Leh76b]. **chisel** [Gol65]. **chromatic** [Leh85a]. **circulants** [Leh73e]. **Class** [Leh77b, LM78b, LM78a]. **Classification** [Leh37d]. **Classroom** [LO80, Leh57a]. **CM** [GM11]. **CM-case** [GM11]. **Coding** [PRB69, Kir79]. **Coefficient** [Leh85b]. **Coefficients** [LL83c, Bri83a, Bri83b, Leh42a].

Collection [MHR80]. **Coloring** [Kle90, Leh86a, Leh86b]. **Columbia** [Gau94]. **Combination** [Leh28]. **combinations** [CWQ12]. **Combinatorial** [BP64, BP81, Leh59a, Leh66a, Leh74a, Leh60e, Leh77a]. **Combinatorics** [Leh64a, Leh81a]. **combinatory** [Dys43]. **combining** [Leh34]. **Comment** [New57a, New57b]. **Comments** [NJ55]. **Common** [HS15, Wat77]. **Commuting** [TT56a]. **Comp** [Bri82, LM78a, Swi72]. **Company** [Leh41a]. **Complete** [Leh63a]. **composés** [Swi72]. **Composite** [SK13, EP87]. **Composition** [Leh36e]. **compounding** [Leh70b, Leh71b]. **Comptes** [Mac59]. **Computation** [Ano51, Leh44a, LV57, Leh82b, Lev95, NJ55, BD10, Gau94, Gre78, Leh56a, Leh77a, Mou01]. **Computational** [Leh83a, Gau94, Wan16]. **Computer** [Leh69b, Leh72a, BD10, Gol93, Leh60e]. **Computers** [Cor08, Leh53a, Leh59a]. **Computing** [DR96, LMO85, Leh56e, Leh13, Loo83, MHR80, Leh51a, LLV54, Leh54a, Leh74c]. **Concerning** [Sel59, Pal53, Uhl46]. **Conditions** [McN13]. **Conference** [VRP92]. **Conformal** [Mie13]. **Congrès** [Mac59]. **Congress** [Mac59]. **Congruence** [GZ01a, Leh37f, GZ02, Leh91b]. **Congruences** [Bon08, LV57, CP09, Leh34]. **Congruential** [Ful76b, Ful76a, Yam60]. **Conjecture** [Leh36c, BM10, BM13, CS83, CS83, GM11, Leh38a, Leh48a, Mie13, Mur07, MS10, Tay12, vI17, vNG53, BCO22]. **Connection** [Leh88d]. **Consecutive** [BLL64, HS15, KM13, Leh65d, LLM63]. **Constant** [Leh39c, COSV93, CSV94a, DMPP19, Leh80b]. **constants** [GSS14, Leh75a, MS10]. **constructed** [Guo11b]. **Construction** [Leh37d]. **containing** [Leh73b]. **Continued** [Leh73b, WB79, Leh38b, SS74]. **Convenient** [MB64]. **convergence** [Leh39d]. **Converse** [Leh36d, Leh27b, Leh49b, Leh71d, Leh71e]. **Correction** [CS83]. **Corrigenda** [Ano33]. **Corrigendum** [Shi19, Ste71]. **coset** [Tro64]. **cotangent** [Leh38b, SS74]. **Could** [Gra13]. **Counting** [Shi86, Shi19]. **criteria** [BLS75, Bri82]. **Cross** [Leh26c]. **Cross-Division** [Leh26c]. **Cube** [Leh25]. **cubes** [LL60]. **Cubic** [LLMS62, Leh73f, Wil80]. **cyclic** [Leh88d]. **Cyclotomic** [LO80, Leh32e, Leh33a, Leh77b, LM78b, LL87, Leh54c, Leh66c, Leh74a, LM78a, Leh83a, LL83b]. **Cyclotomy** [LL81, LL83a, LL67, LL68, Leh90b].

D [Bri82, Bri83a, Bri83b, Cal89, CS83, GZ02, Gao04b, Kle90, Leh72a, S.70, Sel59, SS74, W.85, YpZ03]. **D**. [Ano92, BM10, BM13, BD10, CS83, DZ01, EZ19, EZ21, GZW00, GZ01a, GZ01b, Gao03, Gao04a, Guo11a, Guo11b, HZ15, HXYZ21, Jon04, Lin61, LZ06, LZ07a, LZ07b, Liu07, LY08, LRS07, LY09, LY10a, LY10b, Mie13, Mir48, New57a, New57b, Pal53, Ram85, Ram88, Ras64, Ren09, Sai87, Sin71, Swi72, Ver17, WGH96, WHG96, Wan16, Wei06, Wei08, Wen93, Wen03, XY11, XY20, XZ06, XZ08, Xu09, Xu13, XZ14, You05, YW02, YY09, Zha93, Zha94b, Zha94a, Zha94c, Zha03, ZZY03, Zha04, ZX09, ZW10, Zha12, Zha14, ZZ15, ZG98, ZL18]. **Daniel** [Leh79]. **Decimals** [Leh43c, SW62]. **decomposition** [FM13]. **Dedicated** [LS80, LBE82, SL81]. **defined** [GLMU56]. **deren** [Leh76a].

derivatives [Sim18]. **Description** [Leh54a]. **designs** [Mie13]. **Detection** [Leh63c, Loe93, WTL00]. **Determinant** [Leh30c, EZ19, EZ21]. **Devices** [Leh56e, Leh13]. **Diatomic** [Leh29a]. **difference** [GZ01b, Leh53c, WGH96, Zha94b]. **Digit** [Jeb95]. **Digital** [Ano51, Leh59a]. **digits** [LMv86]. **Dimensional** [Leh30c, HXYZ21, Leh40a, Leh50, Wei08, XZ14, Zha14]. **diophantine** [New57a, Leh41b, Leh56c]. **direct** [DH97a]. **discovered** [Gra13]. **Discrete** [Leh60b]. **Discussions** [Leh25, Leh33e, Leh37c, Leh37e, Leh37f]. **displacements** [Leh70c]. **Distance** [KM13]. **distributed** [Jag63]. **Distribution** [GZ01b, Gao03, Leh70a, Sel59, GZW00, Gao04b, Gao04a, Leh55a, WGH96, WHG96, Zha94a, ZG98]. **Divisibility** [LO80, Kra48, ZG98]. **Division** [Leh26c, Leh63c]. **divisor** [Leh43b, Wat77]. **Divisors** [Leh30b, Fla09, Vou95]. **Doing** [Leh82b]. **Dose** [WTL00]. **Dose-Response** [WTL00]. **Double** [Jeb95, WCW11, WCW12, Leh31a]. **Double-Digit** [Jeb95]. **Dover** [Leh49a]. **Drinfel'd** [DP08, Dem18, Ghi07a, Ghi07b]. **Duke** [SS74]. **Dynamical** [DV04].

E181 [GLT⁺35, GC36]. **E182** [LS36]. **E183** [TT36]. **E184** [RZ36]. **E185** [Ric36, RF37]. **E186** [CW36, GLT⁺35]. **E205** [LJT⁺36, LA36]. **E206** [JC36]. **E207** [TD36]. **E208** [Whi36, WB38]. **E209** [FK36]. **E210** [AV36, LJT⁺36]. **E2671** [CGR⁺77, CVP78]. **E2672** [GB79]. **E2673** [RL79]. **E2674** [TD79]. **E2675** [BS79]. **E2676** [CGR⁺77, GJ79]. **E299** [TFM⁺37, TR38]. **E300** [FL38]. **E301** [MZ38]. **E302** [AC38]. **E303** [TFM⁺37, Tre38a]. **E315** [ATC⁺38, AS38]. **E316** [Tre38b]. **E317** [CR38]. **E318** [CK38]. **E319** [Ros38]. **E320** [ATC⁺38, LM39]. **E406** [SCR⁺40, SS40]. **E407** [CG40, RTG⁺40]. **E408** [RP40]. **E409** [RTG⁺40]. **E410** [HB40, SCR⁺40]. **E425** [RTG⁺40]. **E429** [LS41, RTG⁺40]. **E461** [BTC⁺41, BB41]. **E462** [TS41]. **E463** [CE42]. **E464** [Leh42b]. **E465** [BTC⁺41, JF42]. **E706** [BTdR⁺46, BSBK46]. **E707** [TF46]. **E708** [dS46]. **E709** [Cou46]. **E710** [BTdR⁺46, LSSW46]. **E760** [Old47, OL47]. **early** [BD10]. **economics** [Leh73c]. **ed** [Leh79]. **Editor** [How89, Bri83a, Bri83b, Cal89]. **Effective** [Leh71a]. **Einige** [KW81]. **Electric** [Ano33, Leh33d]. **elektronnykh** [Gol65]. **Elementary** [ATC⁺38, AC38, AS38, AV36, BS79, BTC⁺41, BB41, BTdR⁺46, BSBK46, CGR⁺77, CVP78, CW36, CR38, CG40, CK38, CE42, Cou46, FK36, FL38, GB79, GJ79, GLT⁺35, GC36, HB40, JC36, JF42, LJT⁺36, LS36, LA36, Leh38f, LM39, LS41, Leh42b, LSSW46, MZ38, Old47, OL47, RZ36, Ric36, RF37, RL79, Ros38, RTG⁺40, RP40, SCR⁺40, SS40, TT36, TD36, TFM⁺37, TR38, TS41, Tre38a, Tre38b, TD79, Whi36, WB38]. **Eleven** [Leh49a]. **ellipsoid** [Leh50]. **Emma** [Dar91]. **Emory** [LS80, LBE82, SL81]. **Energy** [Leh57a, Leh57b]. **Engineer** [Bec56, Bec13]. **enhanced** [DH97a]. **ENIAC** [BD10]. **enumeration** [Leh71a, Tro64]. **Enzo** [Leh49a]. **Equation** [Leh41b, Leh26d, Leh29, Leh38a, Leh56c, Leh69c, New57a]. **Equations** [Leh61b, Ras64]. **Erdos** [Leh80b, MS10]. **Errata** [Kle90, Swi72, Bri82, Leh71d, Leh71e, SS74]. **Erratum** [Hir02]. **error**

[Xu13, Leh82b]. **Error-Free** [Leh82b]. **Errors** [Leh44b]. **Escott** [Leh47b, Mir48, Pal53, Sin71]. **Essays** [MHR80]. **estimation** [PGCN20]. **étude** [EZ19, EZ21]. **Euclid** [Sed01, DV04, Jeb95, Leh38c, Leh38f]. **Euclidean** [Sor95]. **Euler** [GSS14, Leh32d, Leh35a, Leh75a, MS10, Rot82]. **Eulerian** [Leh82c]. **Even** [Leh37d]. **exact** [Gre78, Leh59c, Uhl49b, Uhl55]. **expansion** [Loo83]. **experimental** [EZ19, EZ21]. **Explicit** [BB87]. **Exploitation** [Leh77a]. **Exponential** [LL79, Apo93, LL80]. **Extended** [Leh30d, Leh56a, Leh30a]. **extension** [Apo93, Jon04, Leh36b]. **Extraction** [Leh26c]. **extreme** [PGCN20].

F [Leh61a]. **Factor** [Leh36a, Leh39a]. **factorial** [Uhl49a]. **factorials** [Kra48, Uhl55]. **factoring** [LP31]. **factorisations** [Glo48]. **Factorization** [Leh33a, LL74, Leh90a, Kra52, Leh39b]. **Factorizations** [BLS⁺83a, BLS⁺83b, BLS⁺88a, BLS⁺88b, BLS⁺02, BLS75, Bri82, Leh33f, W.85]. **Factors** [HS15, Leh65d, Leh77b, LM78b, Bre82, Leh47a, LM78a]. **failures** [KW81]. **false** [EP87]. **family** [DH97a]. **Farey** [PP51]. **Fermat** [Leh71d, Leh71e, Swi72, Bre82, Cor08, Leh27b, Leh32b, Leh36d, LL41, Leh49b, LLV54, Leh81b]. **Fibonacci** [Bri83a, Bri83b, Leh64c, Leh66d, Leh75b, LL83c]. **fields** [Leh83a, Tay12, Wil80]. **fifteen** [Leh49a]. **fifteen-place** [Leh49a]. **Fifth** [Leh25]. **Finding** [GM78, Jeb95, Ste69, Ste71]. **finite** [Gre78]. **First** [Bec56, Bec13, Leh61a, LL41, Leh49a]. **Florida** [Mey56]. **following** [Spo84]. **form** [Leh73c]. **Forms** [Leh28, LL74]. **formula** [Aki90, Leh51c, Wan16, Zha03, ZZY03]. **Formulas** [Fil97, Leh35a, Leh43b]. **FORTRAN** [Kir79]. **fours** [Cox52]. **fourth** [Mac59]. **Fraction** [WB79]. **fractions** [Leh38b, Leh73b, SS74]. **free** [Ren09, Leh82b]. **French** [DP08, Des10]. **Function** [Leh37b, Leh44a, Leh65c, Leh70a, S.70, BCO22, CSV94b, Gup53, Jag63, KW81, Leh32d, Leh38e, Leh39d, Leh43a, Leh47c, Leh51b, Leh51c, Leh56a, Leh56d, LS60, Leh88c, Sim18, TCY15, Tur53, Wan16, New57b]. **Functions** [DK51, DK53, DK55, Leh30d, Leh31b, Leh33a, Leh36e, WJ76, Leh30a, Leh32a, Leh43b, Leh49a, Leh59d]. **Funktion** [Leh76a].

G [Leh41a, Leh76a]. **G.C.D.** [McD91]. **Gauss** [Leh56f, Leh76c]. **Gaussian** [Leh88d]. **GCD** [Jeb95, Sed01, Sor95]. **general** [Zha04]. **generalization** [DZ01, Gao04a, Gup53, LZ07a, LZ07b, LY09, LY10a, Wei06, Wen93, YpZ03, You05, YW02, YY09, Zha93, Zha94c]. **Generalizations** [SM93]. **Generalized** [DRY92, Leh82c, WJ76, XY11, GSS14, Guo11b]. **Generated** [Ful76b, LP03, Ful76a, Yam60]. **Generating** [MB64]. **Generation** [Lin61, Spo84, TT56b, Leh54a]. **generator** [PB96, PRB69]. **Generators** [DRY92, KM13, DH97a, DH97b, Kir79, Leh69a]. **Geometric** [Tri73, WCW11, WCW12, CWQ12]. **George** [CBL⁺87]. **German** [KW81]. **Gifford** [Leh36a]. **given** [Leh59c]. **good** [Des10]. **Grad** [Leh76a]. **Graeffe** [Leh45]. **graph** [Leh85a]. **graphs** [Ver17]. **greatest** [Wat77]. **Greeks**

[Gra13]. **Gregory** [Leh82b]. **grösser** [Leh76a]. **Group** [LP03, vI17]. **group-invariant** [vI17]. **Groups** [Leh32f, DMPP19]. **Gruenberger** [Leh61a]. **Guide** [Leh41c, Leh61c].

H

[Ano92, BM10, BM13, Bri82, Bri83a, Bri83b, BD10, Cal89, CS83, CS83, DZ01, EZ19, EZ21, GZW00, GZ01a, GZ01b, Gao03, Gao04a, Guo11a, Guo11b, HZ15, HXYZ21, Jon04, Kle90, Leh41a, Lin61, LZ06, LZ07a, LZ07b, Liu07, LY08, LRS07, LY09, LY10a, LY10b, Mie13, Mir48, New57a, New57b, Pal53, Ram85, Ram88, Ras64, Ren09, S.70, Sai87, Sel59, Sin71, SS74, Swi72, Ver17, W.85, WGH96, WHG96, Wan16, Wei06, Wei08, Wen93, Wen03, XY11, XY20, XZ06, XZ08, Xu09, Xu13, XZ14, You05, YW02, YY09, Zha93, Zha94b, Zha94a, Zha94c, Zha03, ZZY03, Zha04, ZX09, ZW10, Zha12, Zha14, ZZ15, ZG98, ZL18]. **H.** [GZ02, Gao04b, YpZ03]. **half** [Gau94, Leh88a, Xu09]. **half-century** [Gau94]. **Hamiltonian** [Ver17]. **Hardware** [PB96]. **Hardy** [Leh41a, Leh37b, Leh59b, Sim18]. **Harry** [Leh74b]. **Harvard** [Ano51]. **having** [Bri83a, Bri83b, LLS70, LL83c]. **heights** [vI17]. **held** [Mey56]. **Heuristics** [LL62a]. **High** [Leh56e, Leh13, W.85, XZ14, Zha14, BB87, BLS⁺83b, BLS⁺88b, BLS⁺02, HXYZ21, LLV54, Leh54a, Leh63d, Uhl49b]. **High-dimensional** [XZ14, Zha14, HXYZ21]. **High-Speed** [Leh56e, Leh13, LLV54, Leh54a, Leh63d]. **Higher** [BLL64]. **highly** [Leh71a]. **History** [Leh80a, MHR80]. **Howell** [Spo84]. **Hurwitz** [TCY15]. **Hybrid** [LZ07a, LZ07b]. **hyper** [LL68, LZ07b, Liu07, Wei08, ZX09]. **hyper-dimensional** [Wei08]. **hyper-Kloosterman** [LL68, LZ07b, Liu07, ZX09]. **hyperplane** [DH97a]. **hypothesis** [CSV94a].

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[Leh71e, BM13, DK51, GM11, Leh49b, LL80, LY10a, Ram88, Zha94c]. **III** [DK51]. **imaginary** [Tay12]. **implementation** [PB96]. **Improvements** [Loe93]. **Improving** [Wil80]. **Incomplete** [Leh76c]. **independent** [Kir79]. **indeterminate** [Leh26d]. **index** [Jar06, PGCN20]. **Indices** [SK13]. **Inequality** [WCW11, WCW12, Ghi07a, Ghi07b]. **Infinitude** [Leh64c, MW16]. **Influence** [Leh33c, Leh74c]. **initial** [Des10]. **initiales** [Des10]. **inspired** [EZ19, EZ21]. **Integer** [LLS70, WB79, Leh72c]. **Integers** [Jeb95, Leh65d, LMv86, GLMU56, Tay12]. **integral** [Loo83]. **Interchanges** [Leh65b]. **Interesting** [DFG10, DFG13, Leh85b]. **International** [Lev95, Mou01]. **intervals** [Guo11a, XY11, XZ06, Xu09, XZ14, Zha14]. **invariant** [Leh42a, vI17]. **Inverse** [Leh44b, WGH96, Zha94b]. **inverses** [GZ01b]. **Involving** [Leh85b, LS60, Leh91b, LY10b]. **ISSAC** [Lev95, Mou01]. **IV** [DK53].

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Mechanized [Leh66b]. **Meets** [Cor08]. **Meissel**
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Ful76a, GZW00, GZ01a, GZ01b, GZ02, Gao04a, LP31, Leh32c, Leh35a,
Leh36b, Leh54c, Leh61c, Leh69b, Leh73d, Leh76d, LM78a, Leh82c, LL83b,

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Shanks [Leh79]. **Sharp** [WCW11, WCW12]. **Short**
[LL83a, Guo11a, XY11, XZ06, XZ14]. **should** [Gra13]. **Sieve**
[GM78, Leh33d, Leh80a, Leh53a, Leh54b]. **Siever** [Ano33]. **sieves** [GLMU56].
significant [Leh49a]. **simulation** [PGCN20]. **Six** [Leh61a]. **sixteen**
[Leh54c]. **Smith** [Leh30c]. **Soc** [New57a]. **Software** [WTL00]. **Solids**
[Leh86b, Kle90, Leh86a]. **Solution** [ATC⁺38, BTC⁺41, BTdR⁺46, Cor28,
Erd37, Erd43, EVWK56, GLT⁺35, Gol54, Leh26b, Leh26a, LIAC31, LAC⁺36,
LJT⁺36, Leh48c, Leh55b, Mak62, Ras64, RWJ⁺30, Rob26, RTG⁺40, San48,
SCB⁺54, SCR⁺40, TFM⁺37, WLE⁺37, Wei55, Mir48, Sin71]. **Solutions**
[AJD55, AJL57, ATC⁺38, AC38, AS38, ACP32, AV36, AG27, Ano30, AL38,
BS56, BB55, BL63, Bel44, BS79, BG56, BTC⁺41, BB41, BTdR⁺46, BSBK46,
BS27, CGR⁺77, CVP78, CL55, CW36, CR38, CG40, Cor28, Cor30, Cou38,
CK38, CE42, Cou46, DA31, ES79, Erd37, EL39, Erd43, ES44, ER55,
EVWK56, EP58, Erd59, Erd62, FK36, FL38, FP61, Fun63, GJ38, GB79,
GJ79, GLT⁺35, GC36, Goh55, Gol54, GHL55, GR39, Goo50, HB40, IP27,
IL30, IH32, IA32, IM57, JPD30, JC36, JF42, KW79, KH55, KC57, KCD⁺77,

KL79, Leh26b, Leh26a, Leh27a, Leh29b, LIAC31, LAC⁺36, LJT⁺36, LS36, LA36, LB38, Leh38f, LH38, Leh39e, LM39, LS41, Leh42b, LSSW46, Leh48c, LK50, Leh55b, LC56, LR57, LV57, LS80, LBE82]. **Solutions** [Lor55, MZ38, Mak62, MC63, MS63, MD27, MS39, MG39, NB63, Old47, OL47, RZ36, RHSW55, RG56, Ric36, RF37, RWJ⁺30, RI30a, RI30b, RR31, RU27, Rob26, RL79, Ros38, RTG⁺40, RP40, SL81, San48, SK50, SCB⁺54, SK55, SCR⁺40, SS40, SM79, SG44, SN29, SL27, TT36, TD36, TFM⁺37, TR38, Thé39, TG39, TG40, TS41, Thé44, TF46, TyH39, TP40, Tre38a, Tre38b, TD79, UC63, WBL44, WR50, WLE⁺37, WB39, yWM56, WT63, Wei55, WI56, Whi36, WB38, WH57, WBG31, WL30, dS46, Leh29, Leh91b]. **Solved** [Leh79]. **Solving** [Leh61b, Leh69c]. **Some** [LO80, Leh33f, Leh59d, Leh63d, Leh66c, Leh71c, Leh72c, Leh73e, NJ55, Tur53, WJ76, Xu13, ZZ15, Bre82, CP09, Fla09, Tay12, KW81]. **Sorting** [Leh57c]. **Southeast** [VRP92]. **space** [FM13]. **Special** [Fil97]. **Speed** [Leh56e, Leh13, LLV54, Leh54a, Leh63d, Wil80]. **spurs** [Ver17]. **Square** [Leh85d, Zha03, ZZY03]. **Square-Separable** [Leh85d]. **squarefree** [LL81]. **Squares** [Leh37d, Leh48b, Leh54b, Shi86, Shi19]. **Squaring** [Leh63a]. **Starke** [LS80, LBE82, SL81]. **statistical** [Gol65]. **statisticheskii** [Gol65]. **Stencils** [Leh39a]. **Stern** [Leh29a]. **Stirling** [Leh73d, Leh85c]. **Störmer** [Leh64b]. **Strong** [Leh76d, Rot82]. **strongly** [Leh70c]. **structural** [Leh72c]. **study** [DH97b, PGCN20, vNG53]. **subjects** [Leh41a]. **Succinct** [Bre82]. **suggested** [Leh41a]. **suite** [Des10]. **sum** [LS60, Leh88c, Leh91b, Zha12]. **Summation** [Fil97]. **Sums** [Leh56f, LL79, Apo93, HZ15, LL60, LL67, LL68, Leh76c, LL80, LL83b, Leh90c, LZ07b, Liu07, Shi86, Shi19, Wen03, XY20, Zha04, ZX09, ZW10, ZZ15]. **Superpseudoprimes** [SK15]. **support** [DH97a]. **suppression** [DH97a]. **SWAC** [Cor08]. **swap** [Ver17]. **Symbolic** [Lev95, Mou01]. **Symmetric** [DK51, DK53, DK55]. **Symposium** [Ano51, Gau94, Lev95, Mey56, Mou01]. **system** [GZ01a]. **Systems** [Leh63c].

Tabelle [Leh76a]. **Table** [Bri82, Leh71d, Leh71e, LM78a, LM78b, SS74, Swi72, Uhl49b, Leh36b, Leh36a]. **Tables** [DK51, DK53, DK55, Leh36a, Leh41c, Leh43c, Leh44b, Leh49a, Leh61c, S.70, Sel59]. **tangent** [Tod49]. **Tarry** [Leh47b, Mir48, Pal53, Sin71]. **Tau** [Leh65c, Leh70a, BCO22]. **Tau-Function** [Leh65c, BCO22]. **Tausworthe** [DRY92]. **Teaching** [Leh60e]. **Technique** [LL74]. **technology** [Leh69b]. **term** [Xu13]. **Terms** [HS15, Jar06]. **Ternary** [Leh32f]. **Ternouth** [Leh36a]. **Test** [Bru93, KM13, Kra70, Leh35b, Ros88, Gra13, Leh39b, Len79]. **Testing** [AL81, WJ76, Gol65, TT56b]. **Tests** [Leh82a, Leh27b]. **tetrahedron** [Leh40a]. **th** [Leh30b, ZX09, PP51]. **Their** [Leh33c, Leh56e, LM78b, Leh13, GZ01b, LM78a, ZG98]. **Theorem** [LLMS62, Boy81, Ghi07a, Jon04, Leh27b, Leh39b, Leh71d, Leh71e, Pal53, Rob58, Leh32b, Leh36d, LL41, Leh49b, LLV54]. **théorème** [Swi72]. **theorems** [Leh46, Paj80]. **theoretic** [Leh77a]. **Theorie** [KW81]. **Theory**

[Cor08, Leh30d, Leh41c, KW81, Leh30a, Leh61c, Leh66a, Leh69b, Leh74c, Sai87, Leh79]. **Three** [Dys43, Cox52]. **Todd** [Leh82b]. **Tool** [WTL00]. **Tools** [Leh64a, Leh81a]. **totatives** [Leh55a]. **totient** [Leh32d]. **Toy** [BM10, BM13]. **Transcendence** [GSS14]. **transformations** [TT56a]. **triangular** [Leh51c]. **tricks** [Leh60e]. **Tridiagonal** [Leh75b, EZ19, EZ21, Leh74a]. **Trigonometric** [Leh33b, Leh33e]. **Trinomial** [LV57]. **Trivial** [Bru93]. **Tuckerman** [W.85]. **tuples** [Liu09]. **Turán** [Leh80b]. **Twelve** [Leh41a]. **Twentieth** [MHR80]. **Two** [Leh46, Leh53b, Leh81b, Paj80, Shi86, Shi19]. **type** [BB87]. **types** [Leh66a].

uniformly [Jag63]. **units** [Leh51a, Leh73f, Leh88d]. **University** [Ano51, Leh41a, Mou01, Mey56]. **unpublished** [Cox52]. **Unsolved** [Leh79, Leh85d]. **upper** [BŽ19]. **Use** [Leh25, Gre78, WB79]. **Using** [LL74, WJ76].

V [Leh36a, Leh76a, New57a, New57b, DK55]. **valeurs** [Des10]. **Value** [Leh26e, Guo11a, HZ15, LZ07a, LZ07b, PGCN20, Wan16, Wei06, Wei08, XZ08, Zha03, ZZY03, ZW10, Zha12]. **values** [Des10, Uhl49b]. **Vancouver** [Gau94]. **Vandiver** [Cor08, Leh74b]. **vanishing** [Leh47c]. **variable** [Leh60b]. **Variables** [MB64, Boy81]. **variant** [GM11, Mur07]. **Variations** [BCO22]. **vérifiant** [Swi72]. **version** [Ray94, vI17]. **vi** [Leh49a]. **Vol** [Leh36a, Leh72a]. **vychislitelnykh** [Gol65].

Wagstaff [W.85]. **Ward** [Leh93]. **Weakening** [McN13]. **weighted** [Leh72b, Uhl49a]. **weighted-mean** [Uhl49a]. **Weil** [Ghi07a]. **Western** [Mou01]. **which** [MW16]. **Wilson** [Leh37e]. **witnesses** [EP87]. **work** [Leh93, Leh41a]. **Wurtzelexponenten** [Leh76a].

xv [Leh36a].

York [Leh41a, Leh49a].

Zeros [Ste69, Ste71, COSV93, CSV94b, CSV94a, Leh88c, Loo83]. **zeta** [KW81, Leh56a, Leh56d, Leh88c, TCY15, Tur53, New57b]. **zeta-function** [Leh56a, Leh56d, TCY15, Tur53, New57b]. **Zetafunktion** [KW81]. **zur** [KW81].

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