A Complete Bibliography of Publications of John von Neumann

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Abstract

This bibliography records publications of John von Neumann (1903–1957).

Title word cross-reference

$1 + 2$ [vN51c]. **$125** [Lup03]. **$19.95** [Kev81]. 2,000 [MRvN50]. **$23.00** [MC00]. **$25.00** [Jon04]. **$29.95** [CK12]. $2^{1/3}$ [vNT55]. **$35.00** [Ano91, Pan92]. **$37.50** [Ano91]. **$45.00** [Ano91]. e [MRvN50, Rei50]. F_∞ [vN62]. H [vN29b, von10]. N [vN46b]. ν [vN62]. p [DJ13]. $p = K\rho^{4/3}$ [vNxxb]. π [MRvN50, Rei50, She12]. q [DJ13]. $T_\rho^\rho = 0$ [vN35h].

-theorem [von10]. **-Theorems** [vN29b].

/119.00 [Emc02]. **/89.00** [Emc02].

0 [Lup03, MC00, Rec07]. **0-19-286162-X** [Twe93]. **0-201-50814-1** [Ano91]. **0-262-01121-2** [Ano91, Bow92]. **0-262-12146-8** [Ano91]. **0-262-16123-0** [Ano91]. **0-521-52094-0** [Jon04]. **0-7923-6812-6** [Emc02, Lup03]. **0-8027-1348-3** [MC00]. **0-8218-3776-1** [Rec07].

1 [GvN47b, GvN47c, GvN47d, Rec07, vNW28a]. **10/18/51** [McC83]. **12th** [Var88, Wah96]. **1900s** [IM95]. **1927** [Has10a]. **1940s** [IM09a]. **1942-1952** [Fit13]. **1946** [vN57b]. **1949** [Ano51]. **1950s** [IM09a, Mah11]. **1954** [Réd99]. **1957** [Ano57c, OPP58, Tel57, Wig57, Wig67a, Wig67c, Wig80]. **1981** [Bir83]. **1982** [TWA+87]. **1988** [B+89, GIS90, Var88]. **1989** [B+89, RMK94]. **1989/90** [B+89]. **1990** [CW91]. **1992** [Bir97]. **1997** [Ano97]. **1999** [E+00, Fro00]. **1R** [Har67].

2 [GvN47e, GvN47f, GvN47g, vNW28b]. **20th** [CW91, Cin85, Cip00, Kőr99]. **20th-Century** [Cin85]. **25th** [Ano97, Tót93]. **28** [B+89, Tel57]. **28.September** [B+89].

3 [MC00, vNW28c]. **31.50** [Bow92]. **37** [Has10b].

4 [B+89, Har67]. **4/67** [Har67]. **4/67-1R** [Har67]. **423pp** [CK12].

6 [Lup03]. **6.25** [Ran74]. **67-1R** [Har67].

80th [Sze83b].

'94 [BR94].

= [Har89a, Har89b].

A. [Fie15]. **A.E.C.** [Ano57a]. **Abbildungen** [vN32a]. **Abelian** [vN40b]. **Aberdeen** [Ber00]. **abstract** [Mat03]. **Abstracting** [Lor19]. **abzählbar** [vN28c]. **Academic** [Emc02, Lup03, B+89]. **Accomplish** [Mir92]. **accomplishments** [Bre04]. **Accounting** [Tod74]. **accumulation** [AFB79]. **Accuracy** [Neu33]. **ACM** [Ano91, Ano87]. **acting** [CvN44a, CvN44b]. **Activity** [IM09a]. **Adaptive** [Hol62]. **adatok** [Nag87b]. **Addison** [Ano91]. **Addison-Wesley** [Ano91]. **Addition** [vN29i]. **Additions** [vN32i]. **address** [Réd99]. **Adiabatic** [vNW29a]. **adiabatischen** [vNW29a]. **Adjoint** [vN32e, vN32f, DNvN55]. **adjungierte** [vN32e, vN32f]. **Advanced** [Asp87, Mit80, Reg87]. **adventurous** [ABES12]. **Aerodynamical** [vN10, vN51d]. **aerodynamics** [Ano51]. **African** [CFK+91]. **after** [Ano93]. **age** [Mar96, CW91]. **Agencies** [Ano57a]. **ago** [Ano95, Bal04, Csá03, Kov03b, Szé78, Sze97, Zád83]. **agy** [Neu64, Neu72, Neu06]. **agyról** [Érd85]. **agyú** [Sze76]. **AI** [Bou18]. **aiming** [vN41a]. **akademische** [B+89]. **Akik** [Kőr99]. **al** [CFK+91]. **al-Khwarizmi**

[CFK+91]. **Alakja** [Bal04]. **Alamos** [Fit99, Fit13, Lax03, HPR14a, Lax03, Lax05]. **Alamos-i** [Lax03]. **Alan** [Lie11, Ano96, Asp80, IM13, Lie11, Müh09, Ran72]. **alapelvének** [Kov03b]. **Algebra** [Bac78, Bac87, vN29f, ABS96, Réd59, vNS35]. **Algebraic** [vN37a, JvNW34, vN36d, vN31a]. **algebraical** [vN43b]. **Algebraically** [vN28e]. **algebraisch** [vN28e]. **Algebraische** [vN31a]. **algebras** [Ara90, DK04, Kad58]. **Algorithm** [Fer99, JML13, DG17, Dya71, LLY22, iP13]. **Algorithms** [Cip00, Knu98, FR96]. **alkalmazó** [Sze03a]. **alla** [Ven02]. **Allgemeine** [Tur60a, vN51e, vN28a, vN29a]. **allgemeinen** [vN28h, vN29g, vN29i]. **Almost** [BvN35a, BvN35b, Tau61b, vN34a, vN34b, vNW40]. **általános** [Von90b, vN26a]. **am** [B+89]. **America** [Jon04, FB69, Tar77]. **American** [Ame52, Rec07, Bir77, Nor98, Tar77]. **Amiss** [HSS09]. **Amplification** [vN53c]. **Amplifying** [vN59a, vN54b]. **AMS** [DK04]. **Amsterdam** [Réd99]. **analizu** [vN87]. **analógia** [Érd85]. **Analogie** [Cso04]. **analogue** [Dya71]. **analogy** [Cso04, Érd85]. **Analysis** [Grc11, Grc12, JML13, Tau63b, Wil71, Asp89c, LY13, LLY22, Mad12, RKH+21, vN44b, vN87]. **Analytic** [vN29c, vN33, KvN37]. **analytischen** [vN29c]. **analytischer** [vN33]. **Analyzing** [HKLS93]. **Ananyo** [Kum21]. **Andrew** [WS92, WS03]. **Anecdotes** [TWA+87]. **Angeles** [HFG51]. **Anhang** [Tur60a]. **Animal** [vN49a]. **Animate** [Hon09]. **anläßich** [B+89]. **anläßlich** [B+89]. **Anniversary** [CFK+91, Sze83b, Tót93]. **annual** [Ano88, JC87, Tar77, Wei92]. **Answering** [HKLS93]. **Appendix** [Asp83, vN41a, Tur60a]. **Apple** [CW91]. **Application** [Kat60, TWA+87]. **Applications** [BR94, vN32c, vN52a]. **Applied** [Ali09, Fro00, Kah97, Día05, Stö04]. **Appraisal** [Bub10, Asp83, Ste81]. **Approach** [Mar46, Pos95a, LY13]. **Approximative** [vN42a]. **aranycsinálója** [Sze83c]. **Arbeit** [vN29i, vN31b, vN32i]. **Architect** [Ano57a, Kov03b]. **architecture** [Cer00, Roj94]. **architectures** [RH00]. **arising** [CvN42, CvN43, CvN44a, CvN44b]. **arithmetics** [vN37c]. **Army** [Ber00]. **Arthur** [All87, Har67]. **Article** [vN93a]. **Artificial** [Cso04, Wah96, Mar98]. **Ascent** [Bro73a, CW91]. **Asimov** [CFK+91]. **Aspect** [Pos95b]. **Aspects** [GvN47a]. **Aspray** [All87, Ano91, Bow92, Ham92, CFK+91, CW91, Kid92, Mah93, Pan92]. **assignment** [vN53a]. **Association** [Ano91, Jon04, Tar77]. **assuming** [vNxxb]. **assured** [Byr10]. **astronomy** [FF91]. **Astrophysics** [Tau63c]. **Asymptotic** [LLY22]. **Atanasoff** [Ano96, Smi10]. **Atomic** [vN46a, vN57b, vN55b, vN55c]. **áttekintés** [Döm03]. **áttekintése** [SI+79]. **atyja** [Kov84]. **Aufbau** [vN27c]. **August** [Ano51, BR94, Fro00, Var88, Wah96]. **Ausbildung** [B+89]. **Ausführungen** [vN31b]. **Ausnutzung** [vN54a]. **Australian** [CFK+91]. **authorship** [Fie15]. **Automata** [Bur70, SM56, Tau63b, Tur60a, vN41c, vNB66, vN96d, Sha58, Tar72, Vol06, vN51g, vN63b, vN71b, Asp90c, CFK+91, Har67]. **Automaten** [Tur60a]. **automates** [vN96d]. **Automatic** [vN47a]. **Automaton**

[Bur61, Hon09]. **avenue** [Ném93]. **Averages** [HKLS93]. **Averaging** [HKLS93]. **avtomatov** [Tur60a, vN71b]. **award** [B+89, Ano57a, Ano87, Fie15]. **Away** [Lor19]. **axiom** [Ben72]. **Axiomatic** [vN29d, Haj59, Mit22]. **axiomatikus** [vN26a]. **axiomatischen** [vN29d]. **Axiomatisierung** [vN25b, vN28b]. **Axiomatization** [vN28b, vN25b, von97]. **Axiomatizations** [Lac00]. **Azarya** [GC97].

Babbage [Ano91, CW91]. **Back** [Asp90a, CW91]. **Baleful** [Kah97]. **Baltimore** [DK04]. **barotropic** [CFvN50]. **Barry** [CW91]. **Basics** [Asp90a, CW91]. **Basis** [vN27a, vN31d]. **Bateson** [Hei77]. **Be** [Bac78, Bac87]. **Beauregard** [Ber69]. **Beautiful** [Mor02, Nas98a]. **became** [Ném93]. **Become** [Kov84]. **Bedford** [Asp83]. **Before** [CFK+91, vN46a, vN57b]. **Beginning** [CLBdB89]. **Beginnings** [Sma83]. **Begründung** [vN27a]. **Behavior** [Ano57a, vNW29a, vNM44, vNM47, vNM53b, vNM61, vNM64, vNM67a, vNM67b, vNM73, vNM74, vNM04, Jef51, vNM53a, vNM70, vNM80, vNM07, Ebe67, Haw45, Hur48, Rel92]. **Behaviour** [K.44]. **Believe** [Bec04]. **Believes** [Gra56]. **Bell** [Sch91, Ali09, Pos95b, Whi16]. **Bells** [Sch91]. **Bemerkungen** [vN28f, vN31b]. **Benchmarks** [Kah97]. **Berlin** [Has10b, Has10a, Ano30, Has10a]. **Best** [Cip00, vN48b]. **Bets** [HPR14a]. **between** [DD13, GM04, Rel92]. **bev** [Kor86]. **Beweis** [vN29b]. **Beweise** [vN29e]. **Beweistheorie** [vN27d]. **Beweistheorie“** [vN31b]. **Beyond** [IM09a]. **Bhattacharya** [Kum21]. **bibliography** [KW64, Asp83]. **Bicentenary** [CFK+91]. **bicentennial** [Tar77]. **Biographies** [Ula82b, Wei88]. **Biography** [Von88, Wig80, Wig96a, CFK+91, Smi10]. **biológiája** [Ven03]. **Biological** [Ano97]. **biology** [HD13, Ven03]. **Birkhoff** [Ven02, Zun02]. **birth** [Ano93, Sze83b]. **Birthday** [Grc05]. **bis** [vN31a]. **bit** [DG17]. **Bits** [Per92]. **Blast** [BFvN+44, BFH+47, GvN55, PPvNF44]. **body** [KvN97]. **Bohm** [Pin77, Pos95b, Stö99]. **Bomb** [Ano57a, Lan93a, Twe93, Gol84, Pou93, Pou03]. **Bombe** [CFK+91, Pou03]. **Bombs** [DK41, Wal16]. **Book** [All87, Asp83, Ber69, Bir83, Bir97, Bow92, Cor11, Dic03, Dys81, Ebe67, Emc02, God74, Har67, Haw45, HB82, Hod81, Jon04, K.44, Kev81, Lup03, Lus19, MC00, Mah93, Pan92, Ran74, Rec07, Sto83, Tau60, Tro76, Twe93, vN49a, vH67]. **Books** [CK12, Hal85]. **Boolean** [vNS35]. **Boostered** [vN43c, RKH+21]. **Borel** [Del95, vN53b]. **Born** [Kov94, Kov03b, Szé78, Zád83]. **Boston** [Emc02]. **bottleneck** [PJW+22]. **boundaries** [Fie15]. **Boundary** [FvN51]. **Brain** [Ano57a, BH89, Fre13, Neu64, Neu72, Neu06, URR86b, vN58a, vN60b, vN65, vN93a, vNCC00, vN12, Bro73b, Érd85, PA13, PJW+22, Ula58b, vN70, vN80, vN86, vN91a, vN91b, PA13, Tau60]. **Brains** [IM13, Wal16]. **breaking** [Sip05, Sze76]. **brief** [CFK+91]. **brilliant** [Kov03a]. **brother** [Neu03, Von87, Von91]. **brothers** [Fil03]. **Brouwer** [vN37f]. **Brouwerschen** [vN37f]. **Budapest** [RS01b, Var88, Wah96]. **Building** [Emc97]. **Built** [Ano57a]. **bulk** [vN96c]. **Burks** [Har67, All87]. **Burning** [CEE+51]. **burst**

[vNR57]. **Business** [CFK+91, CW91]. **Byte** [CFK+91].

C [CW91, Sel92]. **C.** [Bre08, vN52a]. **cache** [PJW+22]. **calculated** [MRvN50]. **Calculating** [Ake07, CFK+91]. **Calculation** [CW91, GvN55, vN48a, vN48d, vNR50]. **calculator** [Bau98a, Érd85]. **Calculus** [vN30]. **California** [HFG51]. **Cambridge** [Ano91, ABS96, Bir83, Bow92, CFK+91, Jon04, Kev81]. **came** [Bal04, Csá03]. **Campbell** [CFK+91]. **Campbell-Kelly** [CFK+91]. **Can** [Bac78, Bac87, Gra56, vN55a, Kow15, Tur60a, TvN99]. **cannot** [Neu89b]. **Capacitance** [vN59a, vN54b]. **Capital** [Wal16]. **Card** [CW91]. **Career** [Lan89]. **Carlo** [HFG51, Ben16, Dys12a, Eck87, HPR14a, Hur85, JML13, KW64]. **Case** [Asp89a, Dal01, NAH+89, Ven02]. **Case-Study** [NAH+89]. **Caso** [Ven02]. **Catastrophe** [Leo06, Kow15]. **Cathedral** [CK12, Dys12c]. **causality** [GL01]. **Celebration** [Ber00, DK04]. **Cells** [vN61b]. **Cellular** [Bur61, Bur70, Vol06]. **Centenario** [Pel03]. **Centenary** [Pel03]. **Centennial** [Grc05, DK04]. **Center** [Ano88, Joh86]. **Centre** [E+00]. **Century** [CW91, Cor11, Bal12, Brü87, Har06b, Her88, Her95, Whi16, Cin85, Cip00, IM01, IM09b, Kőr99, MHR80]. **Cerebral** [Jef51]. **Ceres** [Kow15]. **Certain** [vN39, FvN22, vN36c, vN53a, vN58b]. **Chain** [JML13]. **challenges** [Fro00]. **Change** [CLBdB89]. **changed** [Har06b, Mar06]. **changing** [Nat88]. **Character** [LvN47]. **Characteristics** [vN29c]. **Characterization** [Bon04, vN61a, vN35b]. **Charakterisierung** [vN35b]. **Charles** [Ano91, CW91]. **Charts** [Kev81]. **Checking** [McC83]. **chemical** [vN55c]. **Chemistry** [Kah97]. **Chess** [Leo06, Leo10]. **Chips** [CLBdB89]. **chromodynamics** [Fro00]. **científico** [IM01]. **Circle** [Lup03]. **Circuit** [CW91]. **Circulation** [Sma83]. **Clarifying** [DD13]. **classes** [vNS35]. **Classic** [Lew21, vN93a]. **Classical** [vN32h, vN32i, vNH41, HvN42, Jam74b]. **Claude** [TWA+87]. **Co** [Fie15, MC00, Ano91, Göt03]. **Co-authorship** [Fie15]. **co-operation** [Göt03]. **co-published** [Ano91]. **Co.** [CFK+91]. **Code** [HPR14b, PJW+22]. **Coding** [TWA+87, GvN47b, GvN47e, GvN47c, GvN47f, GvN47d, GvN47g, vNG48a, vNG48b]. **Cold** [Ake07, Bre04]. **COLING** [Var88]. **Collaboration** [Ber10, MJ09, Rel92]. **Collapse** [Bec04]. **Collapsed** [vN35f]. **Collected** [Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Wig96c]. **Collection** [MHR80]. **College** [B+89, RMK94]. **collision** [vNS43]. **collisions** [WvN54]. **colloquium** [B+89]. **Combination** [vN47f]. **combinations** [UvN47b]. **come** [IM95, IM08]. **commemorating** [Tar77]. **Commemoration** [BH89]. **Commentary** [Gol84]. **Comments** [Bre08, SW80, vN31b]. **Committee** [vN46a, vN57b]. **Communicate** [Pin77]. **Communication** [vN49a, vN53b]. **community** [Ins12, Mit80]. **commutative** [DK04]. **como** [IM01]. **compact** [BvN35c]. **Comparing** [Khr08]. **Comparison** [Sch91, vN61b, For72a, For72b, Lie11]. **compendium** [vNBV95]. **complementary** [KvN97]. **Complemented** [vNH37]. **complete**

[vN35c, vN35d]. **completion** [Mit22]. **complex** [Veb37, VG55]. **complexity** [DG17]. **Components** [vN56b, vN63c]. **Computation** [Ste74]. **Computational** [Müh09, MJ09, Var88]. **Computations** [Hur85]. **Computer** [All87, AB87, Asp89b, BN71, BH89, BR94, CW91, Dan85, Fre13, Fro00, God74, GH93, Gol72, Gol83b, Gra63, Gri03, Kah97, Knu70, Kov89, Kov94, Lap96, Lew21, LR67, Mac92a, Mac92b, Mac94, McC01, Neu64, Neu72, Neu06, Pel99, Ran74, Sla87, SW80, Swa76, Tau60, Tro75, Tro76, vN58a, vN60b, vN65, vN70, vN80, vN86, vN91a, vN91b, vNCC00, vN12, Ano96, Ano97, Asp80, Asp87, Asp89c, Ben16, Bre04, Bro73b, CK12, Cer00, Érd85, Fie15, Gol87b, Gol93, Gol03, Gol87c, HP20, Kov03b, Lie11, Mac99b, Nor98, Rév83, Roj94, Shu84a, Shu85a, Shu96a, Smi10, Sze83a, Sze03a, Sze83b, Sze76, CW91, MC00]. **computer-minded** [Sze76]. **Computer-Research** [Mac94]. **Computerforschung** [Mac94]. **Computerforschung-Facetten** [Mac94]. **Computers** [Ano91, CLBdB89, E+00, IM13, Kov84, Lie11, Ran82, Tau63b, URR86b, vN47a, Ake07, PJW+22, Ran72, RH00, Ste81, Ula58b, URR86c, CFK+91, Asp83]. **Computing** [All87, Ano91, AB87, Asp89b, Asp90b, Ber00, Bow92, BGvN82, CFK+91, CDJ84, E+00, Fro00, GvN47a, GvN63, Lax05, Mah11, MHR80, MCP23, Ste80, Tót93, Ula80, URR86d, vNG46, vN47b, vN54c, vN81a, vN81b, vN88, Ham92, BGvN46, Gal93, GvN45, GvN47b, GvN47e, GvN47c, GvN47f, GvN47d, GvN47g, Lax03, MH11, Tar58, vNG48a, vNG48b, vN51f, Ano91, CFK+91, CW91, Pan92, Kid92, Mah93]. **Concavity** [GM04]. **concentrate** [Ano30]. **Concept** [Asp90a, HPR14c, Réd01, CW91]. **Conception** [Hon09, Kje01]. **Conceptions** [Pel99]. **concerning** [Tar58, vN42b, vN52a]. **Condition** [Kat60, FvN22]. **Conditions** [Pin77, KvNS63]. **conducted** [Veb37, VG55]. **Conduction** [CN47]. **Conference** [McC83, Var88, Wah96]. **Configurations** [vN35f]. **Conformal** [vN51c]. **Congress** [Ame52, BR94, Réd99]. **Congressional** [vN57b]. **congruent** [vN28c]. **Conjecture** [HKLS93, Sam92, vNG53]. **Connection** [For51, NHN89, vN51b, vN63d]. **Connections** [Lan93b, Lan99]. **considerations** [Khr08]. **Consistency** [vN29d]. **constant** [KvNS63]. **Construction** [Fra07]. **constructivity** [Asp80]. **Context** [Cin85, RKH+21]. **Contexts** [Kje01]. **Continuation** [Lac00]. **Continued** [vNT55]. **Continuous** [vN36a, vN37b, vN37c, vN52b, vN60a, vNH81, vN98, Hal85, KvN32, vN27e, vN36b, vN37a, vN58b, Tau62]. **Contradiction** [vN29d]. **Contribution** [Kap95, RW12]. **Contributions** [Ano57a, Asp89b, Sha58, vH58]. **Control** [vN49a]. **Convergence** [HKLS93, JML13]. **conversation** [Ano95]. **Coordinate** [Neu33]. **coordinatization** [FH55]. **correlations** [CvN43, CvN44a]. **Correspond** [Chu21]. **cosmical** [Ano51]. **Costa** [Ber69]. **Coulomb** [KvN97]. **countable** [vN28c]. **covering** [KW64]. **Craig** [Ano91]. **Created** [Isa14, Lew21]. **Creation** [Wal16, Leo10]. **Creativity** [ADS83, Asp89a, NAH+89]. **creators** [Str11]. **Critiche** [Ven02]. **Criticism** [Ven02]. **Cross** [SvN46a, SvN48a, SvN46b, SvN48b]. **Cross-Space**

[SvN46a, SvN48a, SvN46b, SvN48b]. **Crossley** [CFK+91]. **crossroads** [ET07]. **csodálatos** [Mor02]. **cuántica** [vN49b, vN91c]. **Cybernetics** [Kay97, vN49a].

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Landed [Lan93b, Lan99]. **Landmark** [GGC+05]. **Language** [Lor19]. **Languages** [Kah97]. **Large** [GvN63, vNG46, vN48b, vN81b, vN88, GvN45]. **Large-Scale** [GvN63, vN81b, vN88]. **Last** [SvNG89]. **László** [Kov03a]. **late** [Ula58b]. **Later** [FS12, For10]. **Lattice** [vN40b, Bir58, Fro00]. **Lattices** [vNH37]. **Lausanne** [Ano97]. **Leaders** [Bir77]. **Leading** [Pin77, Lax03]. **leaves** [Gyö75]. **Leben** [Bau82, LS83]. **Lebensbegriff** [Cso04]. **Lebesgue** [vN36f]. **Lecture** [Kah97, For51, Lig76, TWA+87]. **lecturers** [Ano30]. **Lectures** [BFvN+44, B+89, Ano87]. **left** [Kőr99]. **Legacy** [GIS90, Müh09, Ara90, Pal03b, Szé88, Szé03b, Von90a]. **Legend** [Hal73, Hal91, Hal77, Hal03, Hal04]. **legenda** [Hal77, Hal03]. **Lemma** [vN30]. **Leo** [Fra05, Hor97, Lan89]. **Leopold** [Szé03b]. **Lesniewski** [vN31b, vN31b]. **lett** [Kov84]. **Letter** [TWA+87, vN03]. **Letters** [Szé03b, Lan08, Réd05, vN05, Rec07]. **levelei** [Gyö75]. **Levelek** [Szé88, Szé03b]. **li** [Tur60a, Tur60b, TvN99]. **li.vi.5** [CFK+91]. **Liberated** [Bac78, Bac87]. **Library** [CFK+91]. **Licklider** [CW91]. **Lie** [SvN50]. **Life** [Bau82, Bha22, CW91, Chu14, Cso04, Dys81, HB82, Hod81, Hon09, Kac82, Kay97, Kev81, Kov03c, LS83, MS73, Ste82, von05, ABES12, Döm03, Hei80, IM08, Kum21, Mar98, PC06, Sto83, Szé03b, SI+79, Yee82]. **lifetime** [Szé88]. **Light** [Fit99, Fit13, Nag87a, Von90a]. **like** [Réd96]. **liked** [Réd96]. **limitations** [FKC86]. **Limits** [Neu33, Cas03]. **Lindgren** [Ano91, CW91]. **Linear** [BMvN46, Dan85, JML13, KvN97, SvN46a, SvN48a, vN29c, vN29e, vN39, vN59a, JvN35, SvN46b, SvN48b, vN54b, vN59b]. **linearer** [vN29c]. **Linearformen** [vN29e]. **Linguistics** [Var88]. **link** [DD13]. **Lipot** [Szé88, Szé88, Szé03b]. **Liquids** [FvN51, FvN55]. **list** [Ano57e]. **live** [Neu89b]. **lives** [Wol16]. **Living** [Hon09]. **located** [vN41a]. **Loewner** [WvN54]. **Logic** [Ven02, Ara90, Asp80, BvN36, Réd01, vH67, Tau61a]. **Logica** [Ven02]. **Logical** [BGvN82, GvN47a, Hol62, Tur60a, vN41c, vN96d, BGvN46, vN51g, vN63b]. **logiceskaja** [Tur60a]. **Logics** [vN37d, vN56b, vN63c]. **logique** [vN96d]. **logische** [Tur60a]. **Logistics** [vN37d]. **London** [Bir83, Bow92, Emc02, Ran74, Rec07]. **looks** [Cer00]. **Lüders** [Khr08]. **Lundstrom** [CLBdB89]. **Lupacchini** [Lus19]. **Lyle** [Ano91].

M [Fie15, vN32g]. **M.I.T** [Bir83]. **MA** [Asp83]. **Mach** [vNR57]. **Machine** [Kem55, Lor19, Pes95, HP20, Her88, Her95, Tur60a, TvN99, FS11, Tod74, vN49a]. **Machinery** [Ano91, CW91]. **Machines** [CFK+91, GvN63, vNG46, vN54a, vN81b, vN88, GvN45, Tar58]. **Macrae** [Bir97]. **MADDIDA** [TWA+87]. **Made** [Eri15]. **Maestro** [CFK+91]. **Magyar** [Nag87a, Ano03, Kov03e]. **Magyarok** [Kov89]. **Mahoney** [CK13]. **mainframes** [Shu96a]. **makers** [Wol16]. **Making** [Yor87]. **Man** [Bha22, Bro73a, CFK+91, Gra56, Kem55, Kum21, Mon06, Smi10]. **Managing** [CW91]. **Manhattan** [Ben16, HHW99, Lan93b, Lan99, Lan11]. **Maniac** [Lab23, Bre04]. **manuscript** [RKH+21]. **Many** [Ano57a, CFK+91, Bre04, Byr10, vN28c]. **Mapping** [vN51c]. **Mappings**

[vNH37, vNH40]. **mark** [Kőr99, Stö04]. **marking** [Tót93]. **Markov** [JML13]. **Marling** [CFK+91]. **Married** [Gra56]. **Marshall** [DK04]. **marslakó** [Har06a, Kov03b]. **Martian** [Kov03b, vNW12]. **Martians** [Har06b, Lan93b, Lan99, Mar96]. **Maryland** [DK04]. **Maschine** [Tur60a]. **Maschinen** [vN54a]. **mashina** [Tur60b, TvN99]. **masina** [Tur60a]. **Mass** [Bir83, Bow92, vN31a, vN34c]. **Massachusetts** [ABS96, ABS96]. **Maße** [vN31a]. **Masses** [Ano51, vN29g]. **Maßes“** [vN29i]. **Matematica** [IG02, Lus19]. **matematico** [IM95, IM08, IM01]. **matemáticos** [vN49b, vN91c]. **matematikus** [Szá03c]. **Material** [HKLS93]. **Mathematica** [Has10b]. **Mathematical** [Cor11, GvN47a, IM09b, Jon04, Kje01, Rec07, vN27a, vN47c, vN49c, vN54a, vN55d, vN18, Asp80, Asp87, Bal12, IM95, IM01, IM08, KT58, RKH+21, Stö04, Val08, vH67, Mar65, Tar77, vN32b, vN49b, vN64, vN67, vN68, vN71a, vN91c, vN96a, vN96b]. **Mathematician** [Ano57a, Has10a, Bre04, Mon06, Szá03c, Szá11, vN47d]. **Mathematicians** [Hei77, Jon04, Réd99, Jam02]. **Mathematics** [Bir77, Die17, Dys81, GM04, HB82, Hod81, IG02, IM09a, Kac82, Kah97, Kev81, Mur04, Rec07, Ste82, Ula80, URR86d, vN31d, CR03, Del95, Día05, FF91, GGC+05, Hei80, Mah11, Phi88, Réd99, RMK94, Stö04, Sto83, Tar77, URR86c, vN54e, B+89, Mac94]. **Mathematik** [B+89, Mac94, vN31d]. **Mathematiker** [Has10b, Has10a]. **mathématiques** [vN47c]. **Mathematische** [Ber69, vN27a, vN32b, vN49c, vN64, vN67, vN68, vN71a, vN96a, vN96b]. **mathematischer** [vN54a]. **Matrices** [GvN47h, GvN51, GMvN59, Kat60, vN42a, vNG47]. **Matrix** [vN37e]. **Matrix-Inequalities** [vN37e]. **Matrix-Space** [vN37e]. **Matrizen** [vN29h]. **Mauchly** [Asp83, Ano96, SW80, Ste81]. **maximization** [vN47e]. **maximum** [vN63a, vN74]. **May** [GIS90]. **McCartney** [MC00]. **McKay** [Ano91]. **McNeil** [CFK+91]. **mean** [Har42, vN41b, vNKBH41, vN42b]. **meaning** [Hor97]. **Measurable** [vN32a]. **Measure** [vN29g, vN29i, vN35a, Hal58, vN34c, vN36g]. **Measurement** [Jam74b, Neu33, Ara90, Bub01, FKC86, Mol72]. **measurements** [Khr08]. **Measures** [vN36f, vN99, vN51a]. **mecánica** [vN49b, vN91c]. **Mécanique** [Ber69, vN47c]. **meccanica** [Lup18, Lus19]. **mechanical** [Cso04, JvNW34, vN27b, vN36d]. **Mechanics** [Bel66, Cob72, Emc97, GL23, HvNN27, Jam74c, Lac00, Mar65, Pos95a, Sil23, Tau61a, vN27a, vNW28a, vNW28b, vNW28c, vN29b, vN32b, vN32h, vN32i, vN35g, vNH41, vN47c, vN49c, vN55d, vN64, vN67, vN68, vN71a, vN96b, vN18, Ben03, Ben72, BvN36, Bre99, ET07, HvN42, Lup18, Mit22, Réd96, vN27c, vN49b, vN91c, vN96a, von10]. **Mechanik** [vN29b, vN32h]. **Mechanik“** [vN32i]. **mechanischer** [Cso04]. **mechanisms** [Jef51]. **Medal** [Ano57a, DCH05, Fie15]. **Meet** [Ano30]. **meeting** [PA13, Tar77]. **Meetings** [Hur85]. **meets** [Stö04]. **Még** [Neu89a, Sze97]. **megalapozása** [Ben03]. **megalkotója** [Kov03b]. **megtestesítoje** [Cze08]. **meine** [vN31b]. **meltdown** [Byr10]. **members** [Mit80]. **memoir** [vNW12]. **memorabilia**

[Hal87]. **Memorandum** [vN45d]. **Memoriam** [CW91]. **memories** [Ném84, Kov87a, Neu03]. **Memory** [Bon04, MCP23, vN59a, Bou18, Kov03b, Pal87, vN54b]. **Men** [CLBdB89, Str63a]. **Menge** [vN31a]. **Mengenlehre** [vN25b, vN28b, vN28h, vN29d]. **mérés** [Neu33]. **merkwürdige** [vNW29b]. **message** [Neu90]. **messbare** [vN32a]. **metal** [Ame52, Ame52]. **metallurgical** [vN52a]. **Metamatematica** [Lup18]. **metamathematics** [Lup18]. **Metaphysical** [Pin77]. **meteorológiában** [Göt03]. **Meteorology** [Dal01, Tau63c, vN47b, Göt03]. **Method** [CN47, Eck87, GvN47h, GMvN59, HKLS93, Ras07, vN44c, vN48b, vN51c, vN55e, Ano93, Ben16, For72a, For72b, HFG51, Mon79, vN44b, vNR50, vN54d]. **Methoden** [Sze83a]. **Methodology** [For10]. **Methods** [RvN85, vN32h, vN32i, vNH41, vN45d, HvN42, KW64, RUvN47, Sze83a, Sze87, vNR47b]. **Metric** [vNS39, JvN35, vNS41]. **Metrization** [vN37e]. **Michael** [Ano91, Emc02, Lup03, CK13]. **microprocessors** [Shu96a]. **Microsystems** [CW91]. **migration** [FB69]. **Miklos** [Lup03, Emc02, Rec07, Dic03]. **Mind** [Bla57, DJ13, Gra56, Mor02, Nas98a, Hey47, Shu84a, Shu85a, Shu96a]. **minded** [Sze76]. **Minimally** [vNW40]. **Minimax** [BEMD11, Kje01]. **minimum** [FvN22]. **Minimumpolynome** [FvN22]. **Minkowski** [vN29e]. **Minkowskischen** [vN29e]. **mint** [Cze08]. **Miracle** [HPR14b]. **mix** [Bou18]. **Mixtures** [CEE$^+$51]. **Model** [vNxxa, Cze08, vN45b]. **Modeling** [Sma83]. **modell** [Cze08]. **Models** [Dal01]. **Modern** [ADS83, Asp90b, Bow92, CW91, DW16, Grc11, Grc12, HPR14b, Ham92, Kid92, Mac92a, Mac92b, Mah93, Pan92, Wil71, Ano91, Asp87, DCG89, Kov03b, Mac72, Mac86, Mac99b, Mad12, RMK94]. **Modern-Day** [DW16]. **modified** [LY13]. **módszere** [Ano93]. **módszerek** [Sze87]. **Modular** [vNH37]. **Molecular** [E$^+$00]. **mondo** [IM95, IM08]. **monográfia** [Neu89a]. **monograph** [Neu89a]. **Monte** [JML13, Ben16, Dys12a, Eck87, HPR14a, HFG51, Hur85, KW64]. **Morgenstern** [Ebe67, Hur48, Haw45, K.44, Leo10, Mar46, Mir92, Rel92]. **Motion** [Ano51, KvN97]. **Mounier** [CW91]. **Mounier-Kuhn** [CW91]. **Move** [Gra56]. **Mozet** [Tur60a]. **Mozhet** [Tur60b, TvN99]. **Mr.** [vN31b, vN32g]. **MR2609069** [Has10b]. **Ms** [CFK$^+$91]. **MSRC** [Ber00]. **Much** [Mac92a, Mac92b, Mac99b]. **Müller** [Ano91, CW91]. **Multiple** [Fra05, Byr10]. **Multiplicity** [vN10, vN51d]. **mundo** [IM01]. **munkássága** [GW03b, GW03a, Kov03c, Sze87, Sze76, SI$^+$79]. **mutual** [Byr10]. **My** [CW91, Neu03, vN31b]. **myslit** [Tur60a, Tur60b, TvN99]. **mystery** [Bal04]. **myth** [Mar96].

Name [Cip00]. **named** [Ano30]. **Nancy** [Asp83]. **Nash** [Ano91]. **nation** [Tar77]. **National** [Ame52, Ano88, Lan93b, Joh86, Lan99, Tod74]. **natural** [Ake07, Cso04]. **naturalized** [Sch88]. **nature** [CR03]. **Naturphilosophie** [Cso04]. **Nazi** [MP01]. **near** [KvNS63]. **near-neutral** [KvNS63]. **neat.** [HP20]. **Negyven** [Sze97]. **Neiman** [Dan90]. **nem** [Neu89b]. **network**

[PJW+22]. **networks** [ABS11]. **neuen** [vN29b]. **neuerer** [vN54a].
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[All87, Ano57c, Ano88, Ano91, Ano97, ABS96, Asp83, Bau98a, Bau82, Ber69, Bir83, Bow92, B+89, CLBdB89, CFK+91, CW91, Cor11, Cso04, DCH05, Dic03, DK04, Dys81, Ebe67, Emc02, E+00, FS11, Fie15, Fro00, GIS90, Ham92, Har67, Has10b, Has10a, Haw45, HB82, HKLS93, Hod81, Hur48, Jon04, K.44, Kev81, Kid92, LS83, Lig76, Lup03, Lus19, Mac94, Mah93, MS73, NHN89, Nas98b, OPP58, Pan92, Pou03, Ran74, Rec07, Réd99, Rév83, Sch91, Ste82, Sze83a, Tót93, Tur60a, Twe93, Wig57, Wig67a, Wig80, Wig96b, Joh86, Acu21, Ádá83, Ali09, ABS11, Ano57a, Ano57b, Ano57d, Ano57e, Ano75, Ano93, Ano95, Ano96, Ano03, Ano19, Ara90, Asp80, Asp87, AB87, Asp89a, Asp89b, Asp89c, Asp90b, Asp90c, Bac78, Bac87, Bal12, Bal04, Bar82, Bau98a].
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[Hei80, Hen03, Hep90, HKLS93, Hon09, Hor97, How88, IM95, IM01, IG02, IM08, IM09a, IM09b, IM13, Jam02, Jék03a, Jék03b, JML13, Kac82, Kah97, Kap95, Kar04, Kat60, KS84, Khr08, Kje01, Knu70, Kor86, Kőr99, Kov84, Kov87b, Kov94, Kov99, Kov03a, Kov03b, Kov03c, Kov03e, Kow15, Kri95, KT58, Kum21, Lac00, Lad93, Lan08, Lan93b, Lan99, Lax90, Lax03, Lax05, LS83, Leo06, Leo10, LY13, Lie11, Luc11, Lup18, Mac92a, Mac92b, Mac94, Mac99a, Mac99b, Man17, Mar98, Mar65, Mar46, Mat03, McC83, MS18, MS73, Mir92, Mir75, Mit22, Mol72, Mon79, Mon06, MCP23, Mor02, Müh09, Mur04, Nag87b, Nag87a, NAH+89, Nag03, Ném84, Neu89a, Neu90, NPP66, OPP88, Pal03a, Pal87, Pal03b, Pel03, Per92, Pes95, Pet01, Pet05, Pin77, Pos95b, Pou93]. **Neumann**
[Pou03, PJW+22, Ras07, Réd59, Réd96, RS01b, RS01a, Réd01, Réd05, RW12, Rel92, Rév83, RKH+21, Rut03, Sam92, Sch88, Sha58, Shu84b, Shu85b, Shu96b, Sil23, Sim03, Sip05, Smi59, SW80, Ste80, Stö99, Stö04, Stö07, Sto83, Str63b, Sza03b, Sza03a, Szá11, Szé78, Sze83a, Sze87, Sze03a, Szé88, Szé03b, Sze83b, Sze83c, Sze97, Sze76, SI+79, SN57, Tar58, Tar72, Tau60, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Tel70, Tel57, Tho89, Tod74, Tom57, TWA+87, Tur60a, Ula58a, Ula58b, UKTS68, UKTS69, Ula80, Ula82b, Ula82a, URR86a, URR86b, URR86d, Val08, Var94, Veb37, VG55, Vei19, Ven03, Ven02, Vol06, Von87, Von88, Von89, Von90a, Von91, Von90b, vNW90, Wig67c, Wig96a, WG96, Wil86, Yee82, Zád83, Zal03, Zun02, vH58, vNBV95].
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Neumann-legenda [Hal77, Hal03]. **Neumannig** [Gol87b, Gol03]. **Neumannról** [Frö93, Lad93, Nag87b]. **Neumanns** [Sch91, DH55]. **neural** [PJW+22]. **neutral** [KvNS63]. **Neutron** [RvN85, RUvN47, vNR47b]. **Never** [DJ13]. **News** [All54, Axe52, Bou18]. **next** [Brü87]. **NIC** [E+00]. **nine** [Mar06]. **nineth** [Tar77]. **No** [Bub10, CR03, GL01, Kow15, Neu89a]. **nobles** [Mac72, Mac86]. **Nodded** [MS18]. **Non** [vN54b, vN59a, DK04, vN58b, vN59b]. **non-commutative** [DK04]. **non-isomorphism** [vN58b]. **Non-Linear** [vN59a, vN54b, vN59b]. **nondegenerate** [Khr08]. **nonlinear** [ABS96]. **Norberg** [CW91]. **Norbert** [Bir83, Dys81, HB82, Hod81, Kev81, Ste82, Hei80, Kac82, Sto83, vN49a]. **NORC** [vN54c, vN81a]. **Normal** [vN29f, Dya71, FR96, For72a, For72b, Wal96, vN35e]. **normalen** [vN29f]. **Norman** [Bir97]. **Northrop** [vN03]. **notable** [Wol16]. **Note** [Hur85, Har42]. **Notes** [Ano57c, Axe52, Bur61, vN52b, vN53c, Kev81, vN53b]. **Nothing** [Cer00]. **Novecento** [IM95]. **November** [Ber00]. **NP** [Har89a, Har89b]. **Nuclear** [HPR14a, Mac92a, Mac92b, Seg85, Wig96c, Byr10, Jék03a, Jék03b, Mac99b]. **nukleáris** [Jék03a, Jék03b]. **Null“** [vN31a]. **Nullstellen** [FvN22]. **Number** [Bre08, Gal93, JK99, vN25a, LLY22, iP13, Réd59]. **Numbers** [vN28e, vN48b, FR96, Fer99, vN23, vN26b]. **Numerical** [BMvN+59, CFvN50, CN47, Fro00, GvN47h, GvN51, Grc11, Grc12, Sma83, Tau63b, vNG47, vN48a, vN48b, vN48d, Asp89c, Mad12, Sze83a, Sze87, vN44b, vNR47a, vNR50, vNG53, vN54d]. **numerikus** [Sze87]. **numerischen** [Sze83a]. **nyomában** [Érd85]. **nyomot** [Kőr99].

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