

# A Bibliography of Publications of Alan Mathison Turing

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## Abstract

This bibliography records publications of Alan Mathison Turing (1912–1954).

## Title word cross-reference

$0(z)$  [Fef95]. **\$1** [Fis15, CAC14b]. 1 [PSS11, WWG12]. **\$139.99** [Ano20].  
**\$16.95** [Sal12]. **\$16.96** [Kru05]. **\$17.95** [Hai16]. **\$19.99** [Jon17]. 2 [Fai10b].  
**\$21.95** [Sal12]. **\$22.50** [LH83]. **\$24.00/\$34** [Kru05]. **\$24.95**  
[Sal12, Ano04, Kru05]. **\$25.95** [KP02]. **\$26.95** [Kru05]. **\$29.95**  
[Ano20, CK12b]. 3 [Ano11c]. **\$54.00** [Kru05]. **\$69.95** [Kru05]. **\$75.00**  
[Jon17, Kru05]. **\$9.95** [CK02].  $H$  [Wri16].  $\lambda$  [Tur37a].  $\lambda - K$  [Tur37c].  $M$   
[Wri16].  $p$  [Tur37c].  $\times$  [Jon17].

**-computably** [Fai10b]. **-conversion** [Tur37c]. **-D** [WWG12]. **-definability**  
[Tur37a]. **-function** [Tur37c].

. [Nic17]. **Życie** [Hod02b].

**0-19-825079-7** [Hod06a]. **0-19-825080-0** [Hod06a]. **0-19-853741-7** [Rus89].

**1** [Ano12g]. **1-84046-250-7** [CK02]. **100** [Ano20, FB17, Gin19]. **10011-4211** [Kru05]. **10th** [Ano51]. **11th** [Ano51]. **12th** [Ano51]. **1942** [Tur42b]. **1945** [TDCKW84]. **1947** [CV13b, Tur47, Tur95a]. **1949** [Ano49]. **1950s** [Ell19]. **1951** [Ano51]. **1988** [Man90]. **1995** [Fef99].

**2** [DH10]. **2.0** [Wat12o]. **20** [CV13b]. **2001** [Don01a]. **2002** [Wel02]. **2003** [Kov03]. **2004** [Pip04]. **2005** [Bro05]. **2006** [Mai06, Mai07]. **2008** [Wil10]. **2011** [Str11]. **2012** [Gol12]. **20th** [Kru05]. **25th** [TDCKW84]. **26** [DB04]. **2952222** [CBB12].

**3** [Ano20, Mar11c, Mar11d]. **320pp** [Sal12]. **32nd** [WTP<sup>+</sup>06]. **38th** [BFG<sup>+</sup>12].

**4** [Fai12, Mar11a]. **423pp** [CK12b]. **432pp** [Sal12].

**5** [Cra10b, Man90]. **50-pound** [Ano19d]. **505** [Boo52]. **50th** [Fis17, Set17]. **53** [AH85]. **53/7/77** [AH85]. **55.00** [Rus89]. **5th** [DIMV11].

**60** [FOO71]. **632pp** [Sal12]. **66** [Goo92]. **6th** [DMV12].

**7** [Sal12]. **77** [AH85].

**8** [Dal12b, Gee12a]. **8th** [CDL12].

**9/11** [Kru05]. **93** [Ano88]. **978** [Ano20, Dal12b, Fai12, Gee12a, Sal12]. **978-0-19-871918-2** [Hai16]. **978-0-19-874782-6** [Jon17]. **978-0-19-874783-3** [Ano20, Jon17]. **978-0-19-960915-4** [Fai12]. **978-0-19-963979-3** [Sal12]. **978-0-262-03454-8** [Nic17]. **978-0-691-15564-7** [Sal12]. **978-0-691-15574-6** [Shi14, vL13]. **978-0-713-99750-7** [Sal12]. **978-1-4000-7599-7** [Sal12]. **978-1-906124-90-8** [Dal12b, Gee12a]. **978-3-319-53278-3** [Ano20]. **9th** [Ano51, ACL12].

**A.** [Bod49, Bri90, CD86, Fie15, Goo79b, Har47, Kid96, TDCKW84, Tur72, TWCD86, Tur01a, TB12]. **A.L.I.C.E.** [Wal95, Wal09]. **Abstract** [DL06]. **Abuse** [Kru05]. **Abyss** [Ken17]. **accelerated** [PR10]. **Accelerating** [CS11b, Kur04]. **access** [KvLP88, Mai06]. **accidentally** [McG12]. **account** [DT12, Pap12]. **ACE** [AWL<sup>+</sup>88, Tur45, Ano11a, Ano12d, CK17, CD86, Cop12a, Dow12b, Har47, TWCD86, Wil80, Ano13]. **achievement** [Jam06]. **achievements** [Hae12]. **Acid** [LE91]. **ACM**

[Ano99, Ash87, Fis15, Owe12, Set17, CAC14b]. **across** [BSK<sup>+</sup>15]. **Active** [BB16]. **activity** [Dav13, Ell13]. **Actor** [Hew13]. **actress** [Kah84]. **Ad** [Cha94]. **Ada** [Swa13]. **adaptivity** [Sie13]. **Add** [Fra06]. **Adding** [Ano09a, Mai06]. **additional** [AH85]. **adventure** [Lom05]. **African** [CFK<sup>+</sup>91]. **After** [Daw16, Hod04b, Mur12, Coo12b, CP00, Dav13, Gal06, Par14]. **Again** [Cas01, Res17]. **Against** [LA12, DB04]. **Agar** [CK02]. **Age** [Hal13, Kov03, MBC06, Cop12b, Got96, Hal14, SG17, Bol84, Hod06a, Sal12, Bea84, Hai16, Sut85]. **Agencies** [Kru05]. **Agent** [Cas01]. **Agnes** [Bur11]. **AI** [SCT<sup>+</sup>17, Cop09, Cro94, Lev17, Yap12]. **aid** [PA11b]. **al** [CFK<sup>+</sup>91]. **al-Khwarizmi** [CFK<sup>+</sup>91]. **Alan** [Ano99, Ano20, CK84, Chr16, Coo06a, Dys12a, Gin19, GKO95, Ham16, Hod12c, Hof85, Kru05, Lie11, Lip11, May61, MMB13, TDCKW84, AB00, AW77, AH85, Ano96, Ano00a, Ano00b, Ano09b, Ano12d, Ano12b, Ano12a, Ano12c, Ano12h, Ano13, Ano15a, Ano19a, Ano19b, Ano19c, Ano19d, Ano20, App12, Asp80, AB12, AB14, Bar98, Bau12, Ben12, Blu14, Bre12a, Bre12c, Bro09, CK12a, Cap05, Cas01, Cas13, Che93, Chr10, Chr13, CM96, CS12, CBB12, Coo12b, Coo12c, Coo12d, CV13a, CvL13, CP96, CP99, Cop05a, CP12b, CGLWVR12, Cop12a, CL17b, Cop18, Cor07, Cow19, Dav13, Daw16, DC12, DC13, Don14, Dow13, Dys12a, Ell13, Ell19, FH15, FB17, Fre86, Fri05, GMC12, Gam13, Gee12b, Ghe11, Gla01, Gla03, Gla04, GR12, Gla12]. **Alan** [Gol12, GKO95, Got96, Gou99, GC12b, GC12a, GC12c, GC12d, GG13, Hae12, Har12a, Hel17, Hen11, Hid12, Hil93, Hil91, Hoc87, HG89, Hod83a, Hod83b, Hod85, Hod88, Hod89a, Hod89b, Hod92, Hod94a, Hod94b, Hod95a, Hod95b, Hod97a, Hod97b, HP00, Hod00, Hod01, Hod02a, Hod02b, Hod03a, Hod03b, Hod04a, Hod04b, Hod08a, Hod08b, Hod09, Hod12d, Hod12b, Hod12c, Hod14, Hou12, Hym12, Irv04, IM13, Jac12, Kie12, LCKBJ12, Lea05, Lea07, Lea12, Lei01, Lem04, Lem12, Lie11, Liv02, Lol13, Lov04, Mac12a, Mac12b, Mar13b, MD11, Mei12a, Mic08, MC96, MJ84, Müh09, Nan03, Nau09, New55, New12, New03, Num05, OF03, O'R12, Odi12, Pap12, Par14, Pat04, Pat07, Pea19, Pet08, Pic03a, Pit14, Ran72a, Ran72b, Rob97]. **Alan** [Sal04, Sal12, Sau93, Sev12, Sie12, Sol87, Sor05, Str15, Swa13, Swi19, Tau56, Ter11, Teu04a, Teu12, The87, THWV88, Tsa19, Tur42b, Tur59, Tur00, TP06, Tur12, Tur15b, Tur15a, Und13, Unk84, Vin13, Vos13, Web12, Wel12, Whi87, Whi91, Yan12, Zab95, Zab12, Zab17, Zas18, de 12, vL13, And08, Ano14, Asp84, Avi14, Chr15, Dal12b, Ers84, Fai12, Gee12a, Hof83, Lav12, Lea19, LH83, Lov04, Rid84, Shi14, Shu87]. **Alana** [Hod02b]. **AlanTuring.net** [CP01]. **Algebraic** [Cha95]. **Algebras** [HTG12]. **ALGOL** [FOO71, FOO71]. **Algorithm** [Cai12, BFP07]. **Algorithmic** [DH10, Dow14a]. **Algorithms** [Gur95, Par17, SGV94]. **Alignment** [Don14]. **alikes** [BA05]. **Alisa** [Ano20, Gin19]. **All-Against-All** [LA12]. **alle** [Dys12a]. **allegations** [Irv04]. **Allen** [GC12e, Sal12, SCT<sup>+</sup>17]. **aller** [GKO95]. **Allgemeine** [Tur60a]. **Allied** [Kah84]. **Allies** [AWL<sup>+</sup>88]. **Almost** [Tau61b, Tur35a]. **Always** [OSZ03]. **Am** [Hod94c]. **America** [Kru05, DB04]. **Americas** [Kru05].

**amplitude** [Dut10]. **analog** [Cor17]. **Analyses** [WS00]. **Analysis** [Cuc12, KW12, Kle95, Tau63b, AB12, AB14, Blo98, CP10, DDL01, Ghe11, Mad12, Sie14]. **Analyst** [Wil71]. **Anatomy** [Wal95, Wal09]. **ancestry** [GC12e]. **Andrew** [Asp84, CK84, Hof83, LH83, Rid84, Sal12, Shi14, Shu87, vL13]. **Anecdotes** [SHH81, THWV88]. **Anerkennung** [Hod12c]. **angle** [Pro17c]. **Anhang** [Tur60a]. **Animal** [Mur12, Poo92]. **Annals** [Boo52]. **Anniversary** [CFK<sup>+</sup>91, TDCKW84, Fis17]. **annotated** [Lip11, Pet08, Wil10]. **Annual** [ACL12]. **anticipation** [CP96, Dow14a, Goo00]. **Ants** [HL02]. **apology** [Ano09b, Nau09]. **appalling** [Bro09]. **Appel** [Shi14, vL13]. **appendix** [Tur60a]. **Apple** [Pat04, Lem04, Lem12, Vin13, Cas16]. **Application** [Chu13, EH91, Tur36, The87, Tur37b]. **Applications** [ACL12, BAC14, Kle95, Kru05, Tur41a, Zab12, Zab17, DIMV11, DMV12, Soa16, Gas16]. **Applied** [BBST53, GGZ06]. **approach** [GAM11]. **Approaches** [DP02, BBLT06]. **approximations** [Tur38b]. **Arbeiten** [Hod12c, ST12]. **Archimedes** [Bra13]. **architect** [Got96, GW14]. **Architecture** [Mak95]. **Archive** [Ano10a, CP01]. **Arid** [KW12]. **Art** [Gol12, GF91]. **Article** [Goo92, The87]. **articles** [FF63]. **Artificial** [CP04, Cop04, Cop05b, Edm03, Fur12, Rou18, Wie12, Yan12, AB00, Bod17, Moo03b, Web12, FRT14]. **artikkel** [The87]. **Artilect** [DH09]. **Artin** [Boo06a]. **Artistic** [Mas12]. **arvoitus** [HP00]. **Asimov** [CFK<sup>+</sup>91]. **aspects** [The87]. **aspekter** [The87]. **Asperger** [Jam06, OF03]. **Aspray** [CFK<sup>+</sup>91]. **assessment** [de 12]. **Association** [Sof83]. **astronomy** [FF91]. **Astrophysics** [Tau63c]. **Asymptotically** [OSZ03]. **Atanasoff** [Ano96, Smi10]. **attribute** [EH91]. **Auction** [Ano15a]. **Aufholjagd** [Hod94d]. **Australian** [CFK<sup>+</sup>91]. **Author** [Pit14]. **authorship** [Fie15].

**Automata** [Dow12a, IT12, Mar13a, Tau63b, Tur60a, DIMV11, DMV12, Sha09a, CFK<sup>+</sup>91]. **Automaten** [Tur60a]. **Automatic** [And08, Ano49, AWL<sup>+</sup>88, Cop05a, Tur45]. **Automatism** [Eri03]. **Automaton** [MC12b, DDL01]. **Autonomy** [Cas01]. **aux** [Bia79]. **av** [The87]. **Ave** [Kru05]. **Avenue** [Kru05]. **avtomatov** [Tur60a]. **Award** [Ano99, Ash87, Fis17, Mic15, Var17, Ano14, Fie15, Fis15, Lip12, CAC14b]. **awarded** [Gee11]. **Axes** [Whi12].

**B** [And08, EW17, Fai12]. **B.** [Hod06a, Sal12]. **Babbage** [OS65, SHH81, Das14, Jon16, Swa13, Swa17, THWV88]. **Baby** [Cop11b, Cop17b]. **Back** [Res17, Coa13, Coo12d, Moo15]. **Bacteria** [Mar13a]. **Bad** [Pip04, Pip05, Hai17]. **Ballesteros** [Hid12, Hid12]. **Balliett** [Kru05]. **Bamford** [Kru05]. **Banburisms** [Sim17b]. **Banburismus** [Sim17a]. **Bank** [Pea19, Tsa19]. **Banknote** [Ano19a, Hum14]. **Barrier** [NA06, CS19]. **barriers** [BBLT06]. **Barry** [Chr15, Löw16]. **Based** [Cai12, Mar11a, EH91, Tur38c, Tur39, Tur65]. **Basic** [Kru05, Dav65]. **Basis** [Dys12a, Fre86, Nan03, Tur90, Tur52]. **Basque** [JTS97]. **battle** [SM07]. **Bayes** [EW17, Goo00, McG11, Sim17a]. **Bayesian** [Fie06, Fie06]. **Bayley**

[TB12]. **BCS** [Don01a]. **Be** [Cha16, Tsa19]. **beaten** [Hej07]. **beautiful** [Vos13]. **Beaver** [Bra95]. **Became** [CL17b]. **become** [Fie06]. **becomes** [Ano19d]. **Before** [CFK<sup>+</sup>91, RA04, RA03]. **began** [Das14]. **Begegnung** [GKO95]. **Behavior** [Dre10, Shi04]. **Behaviorist** [Wha09]. **Behind** [RA04, Rue07, Hod12c, RA03]. **Beijing** [ACL12]. **Being** [Pel09, Dav13]. **belated** [Ano09b]. **Belief** [PR17]. **Berechenbarkeit** [ST12]. **Berners** [Jor07]. **Berners-Lee** [Jor07]. **Bernhardt** [Nic17, Tho18]. **berühmt** [Hod12c]. **Berührungspunkte** [GR12]. **Better** [BBF03, Ack14, Wel02]. **Between** [Gla04, Dys12a, Emm13, GKO95, Kah84, LL12, Sen21]. **Beyond** [Has95, Hod12e, Kan12, Pau91, Roc12, MC12a, Sie95, Bra13, Fre12c, SCT<sup>+</sup>17, GKO95]. **Bicentenary** [CFK<sup>+</sup>91]. **Bifurcation** [RMP11, Dil05]. **Big** [Wat12b, Coo12d, Str99]. **biggest** [Bie12, Cop17g]. **bilinear** [TT56]. **Bill** [Hou12]. **binario** [Hid12]. **biochemical** [GAM11]. **Biografie** [Ano12b]. **biographer** [McG12]. **Biographies** [Chr13, Wei88]. **Biography** [Hod04a, CFK<sup>+</sup>91, Hod12b, Smi10, Tur15a, Ano12b]. **bioinformatics** [GMC12]. **Biological** [DP02, Mit12, Mei12b, SNUM03]. **biologischen** [Mei12b]. **Biology** [Mur93, Sau93, GMC12, HL02, Man90, Mis09, Zas18]. **biomathematics** [GMC12]. **Biomedical** [Mur12]. **Biometrika** [Goo92]. **Birth** [Ber16, Hod06a, Nic17, Tho18]. **bis** [Hod12c]. **Bit** [Cas06a, Hej07, Hid12]. **Bletchley** [Sev12, Ano10a, Ano11b, Cop06, Cop17a, Gee11, Goo79a, GMT<sup>+</sup>12, GW14, HS93, Sal04, Smi15b, Smi15a]. **blossoms** [Han12]. **Blue** [Kru05]. **Blueprint** [Cas06a]. **boat** [DB04]. **Body** [Cla72, Hof83]. **Bokulich** [Ano20, Gin19]. **Bold** [Pic11]. **Bolter** [Bea84, Sut85]. **Bombe** [CFK<sup>+</sup>91, DK90, Gla03, Tur03, Dea98, Bur11, Car10, Tur04]. **Bombes** [CVC17]. **Book** [Ano04, Asp84, Avi14, Bea84, Bla14, CK02, Cha94, Chr15, Coo06a, CV13c, Dal12b, Ers84, Fai12, Fef99, Gee12a, Gin19, GC12e, Hai16, Hay17, Hod06a, Hod06b, Hof83, Jon17, KP02, Lav12, Lea19, Lov04, Nic17, Nof17, OS65, Pet18, Rid84, Rus89, Shi14, Smi02, Smi14, Tho18, Tur40, Wil10, vL13, Hod14, Lip11, Par14]. **Books** [CK02, CK12b, Día12, LH83, Smi14, Por19]. **Boosts** [Fis15]. **Bot** [Bie12]. **boundaries** [Fie15]. **Bounded** [Gur95]. **Bowen** [Ano20, Jon17, Pet18]. **Box** [EG12]. **boyish** [Bie12]. **brackets** [Tur42a]. **Brain** [Dal12a, Mur12, Rue07, Ano12j, Cop12a, JTS97, PA13, PA13, Fai12]. **Brains** [IM13, RA03, RA04, Sie12]. **Brake** [Hic08]. **breachable** [CS19]. **Break** [NA06]. **Breaker** [Ano15a, Cow19, Hen11]. **Breaking** [Bat17, GMT<sup>+</sup>12, Hil00b, LJWH97, RA03, RA04, Whi87, WH87a, WH87b, WH88a, WH88b, Rob17, Rob97]. **breakthroughs** [Haw05]. **Brett** [Kru05]. **Bridge** [BCT10]. **bridging** [Dys12a]. **brief** [CFK<sup>+</sup>91]. **Bright** [Ken17]. **Bringing** [Cop09, Ste12b]. **Bristow** [Pit14]. **Britain** [Cha16]. **British** [Gee12a, Ano15a, WCK89]. **Broadway** [Kru05]. **broke** [Hea15, Lem04]. **Broken** [AWL<sup>+</sup>88, Mac12b]. **Broker** [Met19]. **Brown** [Nau09]. **Brückenschlag** [Dys12a]. **Buifendam** [AWL<sup>+</sup>88]. **Build** [And08, Cop05a, Cop12a]. **Building** [Lav12, Len95, Len09, LCKBJ12, DB04].

**Bursts** [ÇG12]. **Burton** [Gee12a]. **Business** [CFK<sup>+</sup>91, Wat12b]. **Busy** [Bra95]. **byte** [Cle17, CFK<sup>+</sup>91].

**C** [AWL<sup>+</sup>88, PC88]. **CA** [CS11a, USE83]. **Cabinet** [Coa13]. **cafe** [Ive15]. **calculability** [Sie14]. **Calculable** [Kar95]. **Calculating** [Ano88, AWL<sup>+</sup>88, CFK<sup>+</sup>91, Jon16]. **calculation** [Tur43]. **calculations** [Tur53]. **Calculator** [Tur46, Tur05b, AWL<sup>+</sup>88]. **Caldwell** [Kru05]. **Cambridge** [Ano04, CFK<sup>+</sup>91, CDL12, Kru05, Nic17, Flo17, HM02]. **Campbell** [Gee12a, CFK<sup>+</sup>91]. **Campbell-Kelly** [Gee12a, CFK<sup>+</sup>91]. **Can** [Coo06c, Den04, NA06, Tur91, Wat95, Wat09, Wie12, Tur60a, TvN99]. **Canada** [Sof83, Kru05]. **cancellation** [Boo52, Tur50c]. **canciones** [Hid12]. **Cantor** [Lom05]. **Capsule** [TDCKW84]. **Carpenter** [AWL<sup>+</sup>88]. **Cartesian** [Eri03]. **Case** [TDCKW84, Zde03, Che93]. **Cash** [Tur01c]. **castration** [Dav13]. **catalogue** [AH85]. **Catalytic** [CP12a]. **Catching** [Hod94d]. **Cathedral** [Bla14, CK12b, Día12, GC12e, Sal12, Dys12c]. **Cayley** [dC11a]. **Ce** [Mar13b]. **celebrate** [Fis17]. **Celebration** [Owe12, Set17, Dic13, Hae12]. **Cellular** [Dow12a, LGB11, Mar13a, DDL01]. **Centenary** [CDL12, Ano12e, Ano12j, Bre12b, Coo12e, Dys12b, GMC12, Hae12, Rei12, Sal12, Wel12, BAC14, Owe12]. **Central** [Zab95]. **centuries** [McG11]. **Century** [Rus89, B<sup>+</sup>11, GGZ06, Her88, Her95, Tay98, Wol17, MHR80]. **certainty** [GKO95]. **Ceruzzi** [TDCKW84]. **chain** [Tia11]. **Challenge** [SCT<sup>+</sup>17]. **Cham** [Ano20]. **changé** [VB15]. **changed** [Haw05, VB15]. **changing** [Coo08]. **Channel** [CEL10, Whi12]. **characters** [KAB99]. **Charles** [OS65, Wil10, SHH81, Swa13]. **Chasing** [Kru05]. **Checking** [Tur49]. **Chemical** [Fre86, HSD09, Nan03, Tur90, WS00, Dav13, McG12, Poo92, Tur52]. **chess** [CP17a, Lev88]. **Child** [Pro17a, Ste12b]. **Child-Machine** [Ste12b]. **China** [ACL12, BAC14, Set17]. **Chlorite** [LE91]. **Chris** [Gee12a, Nic17, Tho18]. **Christof** [Kru05, Lov04]. **Christos** [Ano04]. **Church** [AD12, BA05, CS19, Cot03, Dav06a, Deu85, Dow12a, Gal06, NT42, Par17, Pic11, Sie14, Tay98, Tim04, Tur42a, Yao03, Zie09]. **CiE** [BBLT06, CLS07, CDL12]. **Cipher** [AWL<sup>+</sup>88]. **ciphers** [GMT<sup>+</sup>12]. **Circular** [LA12]. **claims** [McG12, Par14]. **Clarendon** [Hod06a]. **clash** [WB12]. **Classical** [Kru05, Yao03]. **Classics** [Man90]. **Claude** [SG17]. **clock** [Sut12]. **Closed** [LKE93]. **Closing** [Den12a]. **cloth** [KP02, Nic17]. **Co** [Fie15, Gla04]. **Co-authorship** [Fie15]. **Co-operation** [Gla04]. **Co.** [CFK<sup>+</sup>91]. **Coalgebraic** [Jac11]. **Coat** [Mur12, BSK<sup>+</sup>15]. **Code** [Ano15a, Cow19, GC12a, RA03, RA04, Whi87, WH87b, Bre12a, Bre12b, Ell19, Hen11, LJWH97, Mac12b, McG11, Moo14, Rob17, Rob97, SM07, WH87a, WH88a, WH88b]. **Code-Making** [GC12a]. **Codebreaker** [And08, Dav13, Hil00a, McG12, Bro13, Cop05a]. **Codebreakers** [HS93]. **Codebreaking** [GC12a, Cop06]. **codes** [DB04, Hea15, Hil00b, WB12]. **Coding** [Joy00, OG12, Whi12]. **Cognition** [Har12a]. **Cognitive** [AWL<sup>+</sup>88, Wel04, Wie12, Wel06b]. **cold** [Sen21]. **Collaboration**

[Bro05, MJ09]. **Collected**  
 [AWL<sup>+</sup>88, Kid96, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Tur01a].  
**Collection** [Ano19b, Ano19c, MHR80, FF63]. **collections** [Ano20]. **colorful**  
 [KAB99]. **Colors** [BT12]. **Colossal** [Hai17]. **COLOSSUS**  
 [Ran76, Cop06, Shi12]. **Comes** [MBC06]. **Coming** [Wat12].  
**Commemorative** [Gee12b]. **Commentaries** [AWL<sup>+</sup>88]. **Commentary**  
 [Luc95, Luc09, Zab12]. **Comments** [Tro93, Tro95, Wil71]. **Common**  
 [Flo17, Lev17, FRT14]. **common-sense** [FRT14]. **Communication** [Che93].  
**communications** [Kah84]. **Commuting** [TT56]. **Companion** [Chr16].  
**Company** [KP02]. **Comparison** [LL12, WS00, Lie11, PC88]. **compendium**  
 [Lev88]. **Compiled** [TB12]. **Complete** [CP12a]. **Complexity**  
 [Axe12, Ben95, MC12b, MD11, Mar11a, NW12, HS14, Ste90, Zie09].  
**composer** [Ano12e]. **Computability** [AB12, AB14, BBLT06, Co06b,  
 CLS07, CDL12, Dow14a, Gas16, Kle95, Soa07, Tur37a, dLMSS56, Che93,  
 CP10, Lip11, Pet08, Por19, ST12, Soa14, Soa16, SS15, Löw16, Nof17].  
**Computable** [Chu13, Fai10a, FHM14, OG12, Tur36, Dav65, Ghe11, The87,  
 Tur37b, Zen13, Co08]. **computably** [Fai10b]. **computadora** [Lea12].  
**Computation** [ACL12, Aho12, Ano49, AWL<sup>+</sup>88, Bac12, Baj12, BAC14,  
 Bee95, Buz12, Con12, Co012a, Dah95, Den12a, DW12, Den12b, Den12c,  
 DC11b, Dre10, DL06, EGW04, Fra12, Fre12a, Gel12, GC12b, Hew13, Jac11,  
 Min67, Min72, Mit12, QSW11, Ros12, Sie95, Weg12, Ano04, Blu14, Mar11b,  
 Pap03, Wel06b, Zen13, CLS07]. **Computational**  
 [Aho12, CM10, DC12, Mar11a, Müh09, MJ09, Tra12, Wha09, Wie12,  
 BBLT06, Co008, DC13, HS14, The87, Zie09]. **Computationalism** [Sch02].  
**Computations** [Fen95]. **Compute** [Coo06c, CS11b]. **Computer**  
 [Ano51, Ano12e, Ano16, Bea84, Ber16, Bia79, BFG<sup>+</sup>12, Bri90, CK02, CP99,  
 CP04, CP12b, Cop11a, Cop11b, CP17a, CL17c, CL17a, CH83a, CH83b,  
 Cow19, Dav95a, Deu85, Eps95, EBR09, Eps09, Eva81, Fly02, Gee12a, Har12b,  
 Hod06a, KP02, Ken89, Kil14b, Lap96, Lev88, Met19, Mic80, Nic17, Spr12,  
 Sut85, Tho18, TDCKW84, Tur72, Wat12a, WTP<sup>+</sup>06, WCK89, dSAL<sup>+</sup>13,  
 Aga01, Ano96, Ano13, Asp80, BB12a, BB12b, Bre12c, Bro97, BDD15, CK12b,  
 Cop05a, Cop12a, CSS17, Cor17, Das14, Dav00, Dav12, Dew89, Dew93, DT12,  
 Dys12a, Fie15, Goo84, Got96, HP20, HH84, Hol90, HH90, Ire17, JTS97,  
 Kil14a, Lea05, Lea07, Lea12, Lie11, dBPZM10, Shi12, Smi10, Smi05, Str99,  
 Tur50b, Tur51b, Bol84, BTHS12, Dys12a, Spr12, Smi02, And08, Co006a].  
**computer-science** [Bre12c]. **Computerizing** [Bee95]. **Computers**  
 [BBST53, Bia79, Dav95b, DB05, Dys12a, FF63, Goo79a, IM13, Lie11, NA06,  
 Tau63b, Tim04, Wat12b, Wat12c, Cop06, Cor17, Jac12, LCKBJ12, Ran72a,  
 Ran72b, Ran17a, Sch04a, CFK<sup>+</sup>91, Lav12]. **Computes** [CDL12].  
**Computing** [And08, Bow53a, Bra13, Bul15, CFK<sup>+</sup>91, CH16, Cop04, Cop05a,  
 Fef99, Hin17, Kov03, MHR80, Par12, Ros12, Swa13, Ted15, Tur45, Tur50a,  
 Tur95b, T<sup>+</sup>06, Tur09, Wat12d, Ano19d, CS11a, CP17b, Cop17h, Dys12b,  
 Hen11, HP15, Jac12, LTM<sup>+</sup>51, Mei12a, Mis09, Wat12m, Yan12, Zie09,  
 CFK<sup>+</sup>91, CP01, Cas13, Luc95, Luc09]. **Concept**

[Ano19a, TDCKW84, Kan12, Pro17d]. **conceptions** [Coo08]. **Concepts** [CM96, Mak95, PR10]. **concerning** [Irv04]. **Concise** [Mar11b]. **Concurrent** [HP88b, HP88a]. **Condemned** [Cow19]. **conditional** [FRT14]. **Conference** [ACL12, Ano49, Ano51, BBLT06, BFG<sup>+</sup>12, CS11a, CLS07, CDL12, DMV12, MBS11, Sof83, USE83, WTP<sup>+</sup>06, DIMV11, Set17]. **Conferences** [WCK89]. **conferenza** [Odi12]. **Configurations** [Jea12]. **Confirmed** [Ano15b]. **confirms** [Irv04]. **Conflicting** [Zde03]. **Confluence** [Gan95]. **Conjecture** [Boo06a]. **Connecting** [AS08b]. **Connection** [Bea89, Goo00]. **Connectionism** [CM96, CP17b, Teu04b, CP96]. **Connections** [AS08a]. **Consciousness** [Wat12f, Wat12m]. **Consensus** [Dav06a]. **Consequence** [Szu12]. **Conservative** [DL06]. **Consideration** [Fre12a]. **Considered** [Fre12a]. **Constructibility** [Edm03]. **Construction** [Wil80]. **constructivity** [Asp80]. **contact** [GR12]. **Contemporaries** [Lav12, LCKBJ12, Dal12b, Gee12a]. **Contemporary** [Kru05]. **Contest** [Loe95, Loe09, Bro97]. **Context** [Hod12f, Sch12a]. **Continuous** [Tra12, Tau62]. **Contribution** [EW17]. **Contributions** [Gla04]. **Controlled** [AWL<sup>+</sup>88]. **Controversia** [And84]. **controversy** [McG11, And84]. **conventions** [Tur51a]. **Convergence** [RV12]. **Conversation** [Hut95, Hut09, LC01, TP06]. **conversations** [WS16]. **conversion** [Tur37c]. **convicted** [Dav13]. **conviction** [Ell13]. **Cooper** [Chr15, Löw16]. **Copeland** [Fai12, Hai16, Hod06a, Jon17, Pet18, Sal12, And08, Ano20]. **corneae** [BSK<sup>+</sup>15]. **Corporation** [Tur01c]. **Corps** [Hod94e]. **Correction** [Tro95, Tur37b]. **Correspondence** [AMKM66, BSPI65, HLOS65, AH85]. **Coruña** [DMV12]. **Costs** [ZM08]. **could** [BB12a, BB12b, Jac12]. **Counterpoint** [Shu87]. **Counting** [Kör96]. **counts** [Sch04a]. **course** [Sha09a, Sor05]. **Cover** [Mau09]. **Coverand** [Cas06a]. **cracked** [Ell19, McG11, Moo14]. **cracker** [McG12]. **Cream** [Sch04b]. **Created** [Isa14, Haw05, Tia11]. **Creativity** [BBF03]. **Cribs** [Gla03, Tur03]. **Crime** [Cha16, Cop17c]. **Critique** [Gla03, Tur03]. **croqué** [Lem04]. **croquée** [Lem12]. **cross** [Tia11]. **cross-diffusion** [Tia11]. **Crossley** [CFK<sup>+</sup>91]. **crunched** [Lem12]. **cryptanalysis** [Goo00]. **Cryptography** [Kru05, Tur41a, Zab12, Zab17, Blö12, Joy00]. **Cryptologia** [DKK<sup>+</sup>98]. **Cryptologic** [Kru05]. **Cryptology** [Bau00, Chr10, Kah84, Kru05]. **CSAC** [AH85]. **Cult** [ZM08]. **Culture** [Bea84, Sut85, Bol84, Emm13, Ive15, LC01]. **Current** [BFG<sup>+</sup>12, WTP<sup>+</sup>06]. **cyberculture** [TJC03]. **Cybernetics** [ER68]. **Cybersecurity** [Hel17]. **cybertragicommedia** [Pat07]. **Cyberworld** [Pip04, Pip05]. **Cylons** [Mar13c]. **Czech** [BFG<sup>+</sup>12, WTP<sup>+</sup>06].

**D** [TB12, Ano11c, WWG12]. **Daisies** [Swi04, GMC12]. **damit** [Dys12a]. **data** [DB05]. **datafaglige** [The87]. **dauerte** [Hod12c]. **David** [Bea84, Fef99, Sut85]. **Davidson** [Sha12]. **Davis** [KP02, Kil14a, Kil14b]. **Dawn** [Wat12d, Dys12b, Wat12m]. **Day** [DW16]. **Days** [Bul15, Hus91]. **Dayton** [Gla01, Tur01c]. **DC** [Tur42b]. **Deadheads** [Wat12e]. **Deal** [Par12]. **Death** [CFK<sup>+</sup>91, Moo14, Ter11, Hod02b, McG12]. **Deavours** [CFK<sup>+</sup>91].



**Debate** [DH09, Pro17b, Tro93, Tro95]. **Debs** [Smi15b]. **Decidability** [Whi17]. **Deciphering** [Bau00]. **decoded** [Tur15a, Chr16, Ham16]. **Decomposability** [Fai10b]. **defending** [Sha12]. **Defense** [Bac90]. **Definability** [CL02, Tur37a]. **Defined** [Edm03]. **definition** [HMRC88]. **degrees** [Fai10b]. **Delay** [Hod94]. **Delays** [LGB11]. **DELILAH** [TB12, Cop17d]. **delirio** [Paz03]. **delirium** [Paz03, PC06]. **dell'incomputabile** [Cap05]. **demasiado** [Lea12]. **demise** [Ste90]. **denies** [Irv04]. **denken** [Tur60a]. **dens** [The87]. **Dense** [Fu12]. **Dependent** [RV12, AKS11]. **Depth** [Ben95]. **depths** [Sim17a]. **Dermot** [Chr16, Ham16]. **Descartes** [Abr11]. **Description** [TB12, Nau93]. **Deserts** [She12, Smi14]. **Design** [Bro05, CG87, Hol86, HSD09, Liv02, HP20, HMRC88, Tau63b]. **desktop** [GC12e]. **deterministic** [Wel06a]. **DEUCE** [Wil80]. **Deutschland** [GR12]. **developed** [Kah84]. **Development** [AWL<sup>+</sup>88, Tur45, Tur72, Daw16, DT12, HS14, Mad12, Poo92, TDCKW84]. **Developments** [Ano88, AWL<sup>+</sup>88, Dow14c, Dow14b]. **Deviant** [CP10]. **Devil** [Par12]. **Dewdney** [Bri90, Ken89]. **Dial** [Kru05]. **Dialogue** [GF91, GG12]. **Did** [CP00, Hod08b, OF03, Poo91, Poo92, BDD15, Fie06, McG12]. **didn't** [HP20, Par14]. **Diego** [USE83]. **Dies** [Met19]. **difference** [Sen21]. **differential** [Dow13]. **différentielles** [Dow13]. **Diffusion** [AWL<sup>+</sup>88, BVE11, CEL10, KW12, Kon12, AKS11, Ano15b, Dut10, Tia11]. **Digital** [AWL<sup>+</sup>88, BBST53, Bla14, Bow53a, Bul15, CK12b, Día12, Isa14, Mai07, Swa13, TDCKW84, Wat12f, Wat12g, Dys12c, GC12e, Ran72a, Ran72b, Ran17a, Sal12, Smi10, Wat12m, Cas16]. **dígito** [Hid12]. **Dimensional** [Ano89, BVE11, IST<sup>+</sup>10, UST<sup>+</sup>10]. **directions** [Sch02]. **disabled** [Mai06]. **disciplinary** [Fie15]. **Discipline** [Ted15]. **Discourse** [Zde03]. **Discover** [Poo92, Poo91]. **Discovery** [dSAL<sup>+</sup>13, AS08a, Mei12b, Rob12, Soa14]. **Discrete** [RMP11]. **discussion** [The87, CBB12]. **Displacement** [LP11]. **dissertation** [Tur38c]. **distribution** [Leh70]. **Diverse** [BSK<sup>+</sup>15]. **Division** [Tur45]. **DNA** [CS11a, CS11a, QSW11]. **Do** [vEB12, CS11b]. **doch** [Hod12c]. **Does** [Fra06, Hut84]. **Doing** [Har12a, Las09, Las95]. **Domains** [LGB11]. **Donald** [CFK<sup>+</sup>91]. **Done** [Hod04b]. **Doran** [AWL<sup>+</sup>88]. **Dotcom** [Wat12h]. **dots** [Tur42a]. **Doubleday** [Kru05]. **down** [McG11]. **Dr.** [Gan54]. **Dream** [Hin17]. **dreamers** [VB15]. **dreams** [Lev06]. **drift** [Mai06]. **Driscoll** [Bur11]. **drøfting** [The87]. **DSLTrans** [BLA<sup>+</sup>11]. **dubious** [Hid12]. **Dudley** [THWV88]. **dudoso** [Hid12]. **Dummies** [vEB12]. **During** [RA04, Kah84]. **Dustin** [Kru05]. **Dusting** [Fre12b]. **Duxford** [CK02]. **Dynamical** [Del06]. **Dynamics** [LGB11]. **Dyson** [CK12b, Día12, GC12e, Sal12].

## E. [TDCKW84]. **Early**

[Bul15, Goo79a, Hus91, MJ84, Par12, WCK89, Web12]. **Easy** [Har12a]. **eboluzioaz** [JTS97]. **Eckert** [Ano96]. **eclectic** [Odi12]. **eclettico** [Odi12]. **Ecological** [Wel04]. **Economy** [Don01a]. **Ed**

[Kru05, Shi14, AWL<sup>+</sup>88, Hod06a, Rus89, vL13]. **edge** [Hol18]. **Edited** [Ano04, And08, Chr15, Dal12b, Lov04]. **edition** [Sal12]. **Editor** [MMB13, EH91, CAC14a, Str65, Var14]. **eds** [Ano20, AWL<sup>+</sup>88, Gin19, Nof17]. **Education** [Kru05]. **effective** [Sie14]. **Efficient** [AG11, QSW11]. **Eight** [Mah10, Cha94]. **Eindhoven** [MBS11]. **einem** [Tur60a]. **einfache** [FOO71]. **Einführung** [ST12]. **Einstein** [Hol18, Sen21]. **Elastic** [Liv02]. **Electrode** [LOM<sup>+</sup>01]. **Electronic** [Fai12, Tur46, Tur72, Tur05b, Cop12a, Tur50b, Tur51b]. **elusive** [Moo03b]. **Embedding** [Edm95, Edm09]. **Embeddings** [OG12]. **emerged** [McG11]. **Emergence** [Coo06b, MJ09]. **emphasis** [GMT<sup>+</sup>12]. **empirical** [Goo00]. **encodings** [CP10]. **Encounter** [Liv02]. **Encounters** [Cra10a]. **encrypting** [Cop17d]. **Encyclopedia** [CFK<sup>+</sup>91, CF98]. **end** [Ive15]. **Enduring** [For12]. **Engine** [And08, Löw16, Cop05a, Tur45]. **Engineering** [MBS11, Smi05]. **Engineers** [Kah84, Ano96]. **England** [Pea19, Tsa19]. **enhancement** [Mei12b]. **ENIAC** [TDCKW84]. **Enigma** [AWL<sup>+</sup>88, Bro13, CK84, Ell19, Hof85, Ran12, Shu87, Cap05, Hod83a, Hod83b, Hod85, Hod88, Hod89a, Hod89b, Hod92, HP00, Hod00, Hod01, Hod03b, Hod12d, Hod14, Sal12, Bur11, Cap05, Cas06b, CV13c, Cop04, Dav13, DB04, Goo00, Gre17, Hod94a, Hod94b, Hod02b, Hod03b, Joy00, Mah10, McG12, McG11, Par14, RA03, RA04, SM07, TDCKW84, Tur40, Tur99, Unk84, Asp84, Hof83, LH83, Rid84, Ers84]. **énigme** [Hod88, Hod01]. **Enjoying** [Sch04b]. **Enlightenment** [Gör95a]. **Enough** [CFK<sup>+</sup>91, DK90, Len95, Len09, RS03, Dea98]. **Entdeckung** [Mei12b]. **Entertaining** [Cra10a]. **Entscheidungsproblem** [The87, Tur36, Tur37b, Chu13, Whi17]. **Entzifferte** [Bau00]. **enumerable** [Fai10b]. **Environment** [EH91, KW12, PA11a, CG87]. **epic** [Rob12]. **Epilogue** [Hod94g]. **Epistemology** [Bea89]. **Epstein** [WWG12]. **Equation** [Cha95, Dut10]. **equations** [Dow13, Dow13]. **Equivalence** [Tur35a]. **Erfinder** [Lie11]. **Ergodic** [Tau61b]. **Errata** [Ano88]. **Error** [Tur35b, ZM08]. **Errors** [Bod49, Tur48c]. **Ershov** [CL02, Fai10a, Fai10b, Fai11]. **Erzählung** [Hoc87]. **Esprit** [Hod94e]. **Essays** [MHR80, Ano20]. **Essential** [Cop04, Hod06a, Hod06b]. **Essentials** [Rue07]. **Estimation** [OSZ03]. **eta** [JTS97]. **Europe** [BBLT06, CLS07, CDL12, Löw16]. **every** [Pro17c]. **Everyday** [Cra10a]. **Evidence** [RAM95]. **Evolution** [Weg12, JTS97]. **evolutionary** [Lei01, Yan12]. **EVZI** [Ste12a]. **Exact** [PSS11]. **Exclusion** [Mai07]. **Excursions** [Bri90, Ken89, Dew89, Dew93, Hol18]. **Exercise** [BT12]. **exhibition** [Mac12b]. **Exhibits** [Ano02]. **expanded** [Blu14]. **Experiment** [WS00, Vos13]. **Experimental** [HSD09, RAM95, Dav13]. **experiments** [SNUM03]. **Explained** [Ano10b]. **explains** [Sen21]. **explanations** [Lei01]. **Explorations** [Ano20, FB17, Gin19]. **explores** [Mac12b]. **Exploring** [GC12e, Zen13]. **extensions** [Tur38a]. **Externalist** [Sch12c].

**F.R.S.** [Gan54]. **Face** [Tsa19, Ano19d, Pea19]. **Facing** [Ran00]. **Factor** [EW17, Wri16]. **Facts** [Ano19d]. **failure** [Coa13]. **Families** [OG12, Fai10a].

**famous** [Cop17e, Hod12c]. **fanden** [Hod12c]. **Farben** [BT12]. **Fast** [KvLP88, SGV94]. **Faster** [Bow53a, Wel02]. **fastest** [Cop12a]. **Father** [Ano19d, CFK<sup>+</sup>91, CP12b, Dys12a]. **fatherhood** [Cor17]. **Faults** [ÇG12, Ran00]. **Fauvel** [CFK<sup>+</sup>91]. **favour** [Moo15]. **feature** [Ell19]. **Features** [Sch04b]. **February** [CV13b, Tur47, Tur95a]. **Feeling** [Har12a]. **Feigenbaum** [TDCKW84]. **Ferranti** [Tur00]. **Fibonacci** [Swi04]. **Fifteenth** [CFK<sup>+</sup>91]. **Fifth** [Kru05, TDCKW84]. **Figuring** [Cra10a]. **Files** [Ano02]. **film** [Hod14]. **filter** [Zas18]. **Filtering** [Cai12]. **Filtering-Based** [Cai12]. **fingerprints** [GAM11]. **Finite** [Fin95, Min67, Min72, Tur38b, Whi12]. **Finnish** [HP00]. **First** [Ano16, Chr10, Lav12, Ash87, CP17a, Ire17, LCKBJ12, PA13, Tay98, Zas18]. **fish** [Cop17g, HM96, KA96]. **Flat** [KW12]. **flower** [Han12]. **Flowers** [Hai17]. **Floyd** [Ano20, Gin19]. **fly** [Gub86]. **focus** [Por19]. **Folk** [CM96]. **Following** [Pro04]. **fondamentale** [Bia79]. **food** [Tia11]. **Fools** [DV09]. **footsteps** [Yan12]. **foresaw** [Sie12]. **forest** [Rob97]. **Foreword** [Teu12]. **Forgotten** [CP99]. **Formal** [Dow12a, NT42, Sha09a, WB12]. **Formation** [BB16, KW12, Kon12, RMP11, WS00, Daw16, DDL01, GAM11, Mei12b, Rei12, SNUM03]. **Forming** [Coo12a]. **forms** [Tur48b]. **formula** [GC17a]. **Foundations** [Kru05, Sch12c, Ghe11, Zie09]. **Four** [Smi14, IST<sup>+</sup>10, UST<sup>+</sup>10, VB15, Kru05]. **four-dimensional** [IST<sup>+</sup>10, UST<sup>+</sup>10]. **Fourier** [DDL01]. **fractal** [dBPZM10]. **fragility** [Lei01]. **frame** [Cro94]. **Free** [LKE93, Pro17b, Llo12]. **freedom** [Lom05]. **French** [Ano96, Bia79, Bre12c, Dow13, Gou99, Hod88, Hod01, Lea07, Lem12, Lom05, Mar13b, VB15]. **Frenkel** [CFK<sup>+</sup>91]. **fridge** [Sen21]. **Friendly** [PA11a]. **Frontiers** [SG18]. **FRS** [AW77, AH85]. **Fuller** [CFK<sup>+</sup>91]. **Function** [Tur35b, Leh70, Leh56, Tur37c, Tur43, Tur53]. **Functions** [Tau61b, Zde03, Dav65]. **Fundamental** [Bac12, Bia79]. **funds** [Gee11]. **Fusion** [MJ09]. **Future** [CH16, Moo03a, Web12].

**Game** [Bra95, Cop05b, Pro15, WS16, Cho09, Hod14, Las09, Las95, Lon09, Pic03b, Cho95]. **Games** [BBST53, LW11, Tau63c]. **Gandy** [Dah95]. **gap** [Dys12a]. **Gardner** [AWL<sup>+</sup>88]. **garuna** [JTS97]. **garunaren** [JTS97]. **Gaussian** [Tur35b]. **Gave** [Hod06a, Jac12]. **Gay** [Cha16, Mar13c, Ell13, Mac12a]. **Gaylons** [Mar13c]. **Geeks** [Isa14]. **Geheimnisse** [Bau00]. **Geheimschreiber** [Joy00]. **Geist** [Mei12a, Hod94f]. **geistige** [Dys12a]. **gelang** [Dys12a]. **gene** [Blo98]. **genealogia** [Cap05]. **genealogy** [Cap05]. **General** [CH83a, CH83b, NA06, Szu12, GMT<sup>+</sup>12, LTM<sup>+</sup>51, Tur60a]. **generalizations** [Nor14]. **Generation** [TDCKW84]. **genesis** [Das14]. **génies** [VB15, Ano12b]. **genio** [Rig91]. **Genius** [Ano12b, OS65, Phi65, Hai17, Hen11, Hil93, Hil17, Mac12b, Par14, Rig91]. **Geniuses** [Isa14, VB15]. **Genome** [Kov03]. **Geometrical** [DL06]. **Geometry** [Lon09, Tau62]. **George** [CK12b, Día12, GC12e, Sal12]. **Gerdes** [CFK<sup>+</sup>91]. **German** [AWL<sup>+</sup>88, Ano12b, Bau00, BT12, Blö12, Bre12a, Dys12a, FOO71, Fur12,

GR12, Gla12, GKO95, Hil00b, Hoc87, Hod94d, Hod94e, Hod94f, Hod94g, Hod94h, Hod94i, Hod94j, Hod94k, Hod94c, Hod94l, Hod94m, Hod12c, Lie11, Mei12a, Mei12b, OW12, Pil12, ST12, Spr12, Tur60a, Tur87]. **Germany** [GR12]. **Gets** [Wat12a, Ano09b]. **Gettier** [PR17]. **Gewissheit** [GKO95]. **Ghost** [Cha94, Mei12a]. **Giovanni** [Nof17]. **given** [Dav13]. **Giza** [JTS97]. **gjennomgang** [The87]. **Glue** [PSS11]. **glycolytic** [Dut10]. **Gnirut** [Pla09]. **Go** [Wat12c]. **Goal** [Hau03]. **goals** [Hol86]. **God** [Haw05]. **Gödel** [Bre13, Hol18, Jor07, Ken17, Lom05]. **Goes** [Ano15a, Lew78]. **Going** [Mau09]. **Goldreich** [Kru05]. **Good** [OSZ03, Pip04, Pip05, Ano12j]. **Google** [Fis15]. **Gordon** [Nau09, GW14]. **Got** [Poo92, Poo91]. **Gower** [Tia11]. **Grace** [Wat12j]. **Gradient** [LKE93]. **Gradient-Free** [LKE93]. **Grammar** [Mar13c, EH91]. **grands** [Ano96]. **Graphs** [dC11a]. **Great** [ALdlP20, Kru05, Lap96, Lov04, RM00b, RM01, Rue07, Cop17h, RM00a, Rob97, Teu04a, Ano96]. **Group** [Isa14, Sof83, Tau61b, Tur38a]. **groups** [Boo52, Tur38b, Tur50c]. **Grow** [Swi04, GMC12]. **Growing** [LGB11]. **guarantee** [Kah84]. **Guard** [THWV88]. **guide** [CBSW17, Mar11b, Ano20, Jon17, Pet18, Hay17]. **guided** [Lip11, Pet08].

**H** [Ano04]. **Hackers** [Isa14]. **Hacking** [Hea15, Pat04, Pat07]. **Hairs** [Ano06b]. **Haldane** [EW17]. **Half** [Rus89, Her88, Her95]. **Half-Century** [Rus89, Her88, Her95]. **Hall** [Kru05, Don14]. **hallmark** [Shi04]. **Halting** [Cha95, Fra06, Hut84, Wel06a]. **Hamkins** [Wel06a]. **Hamkins-Kidder** [Wel06a]. **handbook** [Tur50b, Tur51b]. **Hard** [Har12a]. **Hardback** [Jon17, Hod06a, vL13]. **Hardcover** [Ano20, CK12b]. **Hark** [Kru05]. **Harmful** [Fre12a]. **Hartree** [Ano88, AWL<sup>+</sup>88]. **Harvard** [AWL<sup>+</sup>88]. **hbk** [Shi14]. **Heads** [Wat12e]. **Hedy** [Kah84]. **held** [Ano51, Man90]. **Help** [Coo06c, DW16, ST12]. **Helquist** [Kru05]. **Henry** [CFK<sup>+</sup>91]. **heretical** [Tur96]. **Herken** [Rus89]. **hero** [BDD15]. **heute** [Hod12c]. **heutigen** [Dys12a]. **hexagonal** [OS91]. **Hidden** [SW10, Smi15a]. **Hierarchy** [CL02, Fai10a, Fai10b, Fai11]. **High** [Ano49, GvN51, vNG47, Bro97, Ive15, Jam06]. **high-end** [Ive15]. **Higher** [Nor14]. **Hilbert** [B<sup>+</sup>11, Cop17e]. **Hillston** [BTHS12]. **him** [HP20]. **himself** [McG12, Par14, Pro15, McG12]. **hinter** [Hod12c]. **histoire** [VB15]. **historic** [Gee11, Lip11, Pet08]. **Historical** [Hai17, HP20]. **History** [AWL<sup>+</sup>88, CFK<sup>+</sup>91, CP01, Cop11a, Cop11b, CL17a, DKK<sup>+</sup>98, Eva81, Fef99, MHR80, Goo79b, Haw05, HHW08, Mah10, Smi15a, TJC03, VB15, CFK<sup>+</sup>91, TDCKW84]. **Hitler** [Cop17g, Hea15, Moo14, Rob17]. **HL** [Hou12]. **Hodges** [LH83, Sal12, Shu87, TDCKW84, Asp84, CK84, Hof83, Rid84]. **Hold** [Loe95, Loe09]. **Holling** [Tia11]. **Homage** [Cas01]. **hombre** [Lea12]. **Home** [Hod97b, THWV88, Hod97a]. **homme** [Lea07, Lem04, Lem12]. **homosexual** [Dav13]. **homosexuality** [Ell19]. **honor** [Hym12]. **honors** [Sor05]. **honours** [Ano12e]. **Hopf** [Dil05, RMP11]. **hot** [Sen21]. **House** [Kru05]. **HP** [Ano10a]. **Hub** [Gar95, Gar09]. **Human** [Cop05b, Hic08, Mau09, Pel09, Ste17, JTS97]. **hunted** [McG11]. **Husson** [TDCKW84]. **Hut** [Mah10]. **Hydrodynamics**

[Tau63c]. **Hyperbolic** [Mar13a]. **Hypercomputation** [Cot03, Dav04].  
**Hypercomputational** [Sta04]. **Hypotheses** [Zie09]. **Hypothesis**  
 [Boo06a, EW17, GAM11, Boo06b, Tim04].

**Ian** [Kru05]. **IBM** [TDCKW84]. **ICL** [CFK<sup>+</sup>91]. **Icon** [CK02]. **Idea**  
 [Wol16, Gou99, Str99]. **Ideas** [CP99, Dow14c, EGW04, Gan95, Hod06a,  
 Nof17, Coo12d, Daw16, Dow14b, Rob97, SS15, Wol16]. **idée** [Gou99].  
**Identification** [Tra03]. **Idiotic** [Sch04b]. **IEE** [Don01a]. **If** [Bri95, Bri09]. **II**  
 [Bre12a, Goo92, Kru05, Bre12a, GvN51, Goo79b, Kah84, Sal04, Tau61b,  
 Tia11, Tur51b]. **III** [Tau63a]. **Illogical** [Hel17]. **Illustrated** [LH83].  
**Illustrator** [Kru05]. **im** [Lie11]. **Image** [CFK<sup>+</sup>91]. **Images** [Mak95].  
**Imagine** [Emm13]. **Imitate** [Pel09]. **Imitation** [Cop05b, Hod14, Hai17,  
 Pro15, WS16, Cho09, Las09, Las95, Lon09, Pic03b, Cho95]. **Immortal**  
 [Jea12]. **Impact** [Ano88, AWL<sup>+</sup>88, CvL13, Hop12, Nof17, CBB12, Pap12,  
 SS15, Chr15, Ano14, Avi14]. **Implementation** [RTM04, SGV94].  
**Implementing** [dBPZM10]. **implications** [Lei01]. **Impossible**  
 [ApS65, BT12, Lon09, SHH81, AMKM66, BSPI65, HLOS65, Str65]. **imprint**  
 [DT12]. **Improvements** [Tru11]. **Inaugural** [Ano51]. **Inclusion** [Mai07].  
**Incomplete** [BLA<sup>+</sup>11, Dal12a]. **Incompleteness** [Fra06, Sut13].  
**Incomputability** [Coo12b, Soa07]. **Incomputable**  
 [Coo12c, Cap05, Coo12d, Coo12e]. **independent** [Ive15]. **Indianapolis**  
 [Lip11]. **Indistinguishable** [Bre13]. **Individuals** [HTG12]. **inference**  
 [Fie06]. **Inferentialism** [CM10]. **Infinite** [CEL10, Min67, Min72, Whi12].  
**Infinitum** [Cha94]. **Infinity** [Cha94]. **influence** [Abr11, Gla12]. **Influences**  
 [Dav95a]. **Info** [DC12, DC13]. **Info-Computational** [DC12, DC13]. **Inform**  
 [San05]. **Information**  
 [Baj12, Hai16, Roc12, SG18, Cop12b, Sal12, SG17, Cer04].  
**Informationierung** [Pil12]. **Informatique** [Bia79, Bre12c, Lea07].  
**informatization** [Pil12]. **Informing** [Coo12a]. **ing** [Vos13]. **ingénieurs**  
 [Ano96]. **inhibition** [Mei12b, Mei12b]. **inhumane** [Nau09]. **Inmos**  
 [AWL<sup>+</sup>88]. **Innovation** [AWL<sup>+</sup>88, Don01a, Jon16]. **Innovators** [Isa14].  
**input** [IST<sup>+</sup>10]. **insect** [BSK<sup>+</sup>15]. **insights** [Poo92, Var17]. **Inspired**  
 [Har12b, Hod14, Zas18]. **instabilities** [Dil05, RR12]. **instability** [AKS11].  
**Instrument** [CL17b]. **Instruments** [Ano88, AWL<sup>+</sup>88]. **insubstantiality**  
 [Lei01]. **integers** [Haw05]. **Integration** [Ste17]. **intellectual** [TJC03].  
**Intelligence** [AS08b, Chu95, Chu09, CP04, Cop04, Cop05b, Edm95, Edm03,  
 Edm09, EG12, Fur12, GC12c, Kru05, Müh09, MJ09, RS03, Rou18, Ste03,  
 Ste17, Tur50a, Tur87, Tur95b, Tur09, AB00, Ano12j, Cro94, GW14, Hod85,  
 Hod88, Hod01, MM69a, MM72, MM69b, Moo03b, Num05, Pro17d, Shi04,  
 Tur92c, Yan12, FRT14, Tur87, Shu87, Cas13, Luc95, Luc09]. **Intelligence\***  
 [Ste00]. **Intelligent** [Cop17f, Tur48a, Tur69, Tur96]. **Intelligenz** [Fur12].  
**Intelligenza** [Tur94, Num05]. **Interaction** [KW12]. **Interactive** [Gol95].  
**Intercepts** [Don14]. **Interfaces** [Gar95, Gar09]. **Interlocutor** [SW10].  
**Internal** [Sha54]. **International** [Ano20, CS11a, DMV12, MBS11, DIMV11].

**Internet** [Ben97]. **Interpretation** [Pro06]. **interpretive** [CG87].  
**Interrogative** [LW11]. **Interrupted** [GC12d]. **Introducing**  
 [Sim17b, WW17, Bro97]. **Introduction**  
 [DW12, HH84, Hol90, HH90, MC12a, Wat12i, MMB13, ST12]. **Introductory**  
 [Goo92, Hod04a, Hod12b]. **invencción** [Lea12]. **inventa** [Lea07]. **inventé**  
 [Ano96]. **Invented** [CP00, Ano96, Lea07, Smi10, SG17]. **Invention**  
 [Coo06a, Cop17h, Lea05, Lea12]. **inventor** [Lie11]. **Inverting**  
 [GvN51, vNG47]. **Invited** [BTHS12]. **Iodide** [LE91]. **Iraq** [Kru05].  
**Irascible** [Phi65, OS65]. **Irruption** [Coc12]. **ISBN** [Ano20, CK02, Dal12b,  
 Fai12, Gee12a, Hai16, Hod06a, Jon17, Nic17, Rus89, Shi14, vL13]. **ISBN-13**  
 [Dal12b]. **Isolated** [CG12]. **Issue** [MMB13, TDCKW84, GMC12, Teu12].  
**Issues** [EBR09, Nau09]. **Italian** [Cap05, Hod03b, Num05, Odi12, Rig91].  
**Italy** [CLS07]. **IV** [Hod12c, CK02, Hod12c, Tau62].

**J** [Bea84, Kru05, Tur60a]. **J.** [EW17, Sut85, Tur60a]. **Jack**  
 [And08, Ano20, Fai12, Hai16, Hod06a, Jon17, Pet18, Sal12]. **James** [Kru05].  
**Jan** [Chr15]. **Jane** [BTHS12]. **January** [BFG<sup>+</sup>12, Jon17, WTP<sup>+</sup>06].  
**Japanese** [Don14]. **Jenseits** [GKO95]. **job** [Dav13]. **Jobs** [ZM08]. **John**  
 [Lie11, Ano96, Asp80, Fie15, IM13, Lie11, Mad12, Müh09, Smi10, Tau61a,  
 Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. **Johnson** [Gee12a]. **Jon** [CK02].  
**Jonathan** [Ano20, Jon17, Pet18]. **Journal** [BTHS12, TDCKW84]. **journey**  
 [HP15]. **Judge** [Bri95, Bri09]. **Juliet** [Ano20, Gin19]. **July**  
 [Ano51, BBLT06, Man90, Sof83]. **Jumps** [CZ12, Fai10a, Fai10b, Fai11]. **June**  
 [Ano49, BBLT06, CLS07, CDL12]. **Jungle** [Roc12]. **Juni** [Str11]. **Just**  
 [Smi14, Mac12a]. **Justice** [Las09, Las95, ZM08]. **Justified** [PR17].

**Kahan** [Ano99]. **Kann** [Tur60a]. **Kasparov** [Ano12f]. **Keep** [Sch12b].  
**Keira** [Bro13]. **Kelly** [Gee12a, CFK<sup>+</sup>91]. **key** [ER68]. **Keyboards**  
 [CFK<sup>+</sup>91]. **Keynote** [Lis12]. **Khwarizmi** [CFK<sup>+</sup>91]. **Kidder** [Wel06a]. **kill**  
 [McG12, Par14]. **Knew** [Coo06a, Lea12, Lea05]. **Knightley** [Bro13].  
**Knowledge** [Gol95, GF91]. **Knuth** [CFK<sup>+</sup>91]. **Kode** [Bre12a]. **Konrad**  
 [Lie11]. **Kozaczuk** [AWL<sup>+</sup>88]. **Kruh** [CFK<sup>+</sup>91]. **Kryptografie** [Blö12].  
**Kryptologie** [Bau00]. **Künstliche** [Fur12].

**Laboratory** [AWL<sup>+</sup>88, Fef99, Wil80]. **Lady** [SHH81]. **laid** [Dys12a]. **laissé**  
 [Mar13b]. **Lamarr** [Kah84]. **Land** [Fef95]. **Lane** [Sal12, GC12e].  
**Lane/Pantheon** [GC12e]. **lang** [Mei12b]. **lang-reichweitiger** [Mei12b].  
**lange** [Hod12c]. **Language**  
 [BLA<sup>+</sup>11, CH83a, CH83b, Fen95, HC88, MBS11, EH91, HH84, Hol86, HC87,  
 HP88a, HP88b, HMRC88, Hol90, HH90, DIMV11, DMV12]. **language-based**  
 [EH91]. **Languages** [Dow12a, Sha09a]. **Laplace** [Lon09]. **Large**  
 [AWL<sup>+</sup>88, Tur49]. **Large-Scale** [AWL<sup>+</sup>88]. **larger** [Lei01]. **Last**  
 [Cle17, Moo15]. **LATA** [DIMV11, DMV12]. **Later**  
 [SCA00, SCA03, Sea95, Sea09, Daw16, Mei12b]. **laureates** [Fis17].

**L'aventure** [Lom05]. **Lavington** [Dal12b, Gee12a]. **Law** [Kur04, THWV88]. **Lazy** [Cha94]. **leaders** [Kah84]. **Leading** [HSD09]. **Learner** [PA11a]. **Learner-** [PA11a]. **Learning** [EG12, dBPZM10]. **leaves** [Und13]. **Lebens** [Bre12a]. **Lecture** [Bro05, CV13b, Don01a, Kov03, Mai06, Mai07, Pip04, Rob97, Tur47, Tur95a, Wel02, TW05, BTHS12, Don01b, Hel17, Pip05, Ran00]. **lectures** [Har47, Odi12, Ash87]. **Ledger** [TDCKW84]. **Lee** [Jor07]. **Leeuwen** [Chr15]. **left** [Mar13b, Tur35a]. **legacies** [FRT14]. **Legacy** [Ano20, Cho12, CS12, Cuc12, DC12, DC13, Dow14c, Fef99, FB17, For12, Gin19, Kar95, Kru05, Lov04, Müh09, Ano11a, AB12, AB14, Ben97, BC17, CM96, Dow14b, MC96, Por19, Teu04a, Und13]. **legte** [Dys12a]. **Leibniz** [KP02, Kil14a, Kil14b, Dav00, Dav12, MC12a]. **Leistungen** [Hod12c]. **Lengyel** [WWG12]. **leopard** [Poo91, Poo92]. **Lesehilfe** [ST12]. **Leslie** [Tia11]. **let** [Hum14]. **letra** [Hid12]. **Letter** [Str65, Var14]. **Letters** [CAC14a]. **li** [Tur60a, Tur60b, TvN99]. **li.vi.5** [CFK<sup>+</sup>91]. **Liberate** [Ano10a]. **liberté** [Lom05]. **Library** [CFK<sup>+</sup>91]. **Lie** [Tur38b]. **Lieutenant** [TB12]. **Life** [Bra95, Bre12a, Bre12b, Cop04, CB17, Cop09, FH15, GC12d, Hod03b, Kru05, Lov04, Ter11, Bod17, GC12c, Hod02b, Mac12b, Pap12, Teu04a]. **Lifestyle** [Mai06]. **light** [New03]. **like** [DDL01, Spr12]. **Limit** [Sie95, Zab95, CS19]. **Limitations** [Mar11d]. **Limits** [Kar95]. **lineages** [BSK<sup>+</sup>15]. **Lines** [Hod12a]. **Literature** [AWL<sup>+</sup>88]. **Little** [Ive15]. **Lives** [ZM08, B<sup>+</sup>11, Wol16]. **Local** [Tur51a, Mei12b]. **location** [Ive15]. **Loebner** [Zde03]. **Logic** [Bea89, Bee95, CLS07, Cop04, Dav95a, Dav95b, Dow14c, Hel17, vL13, App12, Asp80, Dow14b, Dys12a, GGZ06, Shi14, Tur38c, Tur39, Tur65, Tur01a, Tur01b, Tau61a]. **Logical** [Ben95, Hod08a, Tur60a, CS19, BBLT06]. **logiceskaja** [Tur60a]. **Logician** [GG13]. **logics** [GGZ06]. **Logik** [Dys12a]. **logische** [Tur60a]. **lokaler** [Mei12b]. **London** [Shu87, CV13b, Tur47, Tur95a]. **lone** [Zas18]. **Long** [RMP11, Mei12b]. **long-range** [Mei12b]. **Long-Term** [RMP11]. **Look** [Hau03, War12, BA05]. **look-alikes** [BA05]. **Lost** [Cop18, Dav13]. **Lovelace** [BBF03, SHH81, Swa13, Swa17]. **lover** [Bro13]. **Loving** [Wat12j]. **low** [Fai10a, Fai10b]. **Ludwig** [GKO95, GKO95]. **lunaires** [VB15]. **lunar** [VB15]. **lyrics** [Hid12].

**M** [Ano99, AWL<sup>+</sup>88, Bod49, CD86, Chu13, Fie15, Gan54, Gla03, Gla04, Goo79b, Goo92, Har47, Kid96, Lol13, May61, Sor05, The87, Tur59, Tur72, TWCD86, Tur01a, Tur12, TB12, Tur15b, Zab12]. **M.** [Boo52, TDCKW84]. **MA** [Ano04, Nic17]. **macchina** [Cap05]. **machine** [Num05]. **Machine** [AWL<sup>+</sup>88, AG11, BCT10, Bow53b, CK02, ÇG12, CL17b, Cur65, EG12, For12, Har12b, Hod08b, Hof83, Len95, Len09, Mar11c, Mar11d, MM69a, MM72, MM69b, PA11a, PA11b, Rus89, Ste12b, Ste17, THWV88, T<sup>+</sup>06, Aga01, Ano12j, Bia79, Blo98, Bro97, CK12a, Cap05, CD77, Cas06b, Co012f, Cop17h, FOO71, Gou99, Gre17, HP20, Hal14, Hod12c, LTM<sup>+</sup>51, Lis12, Mal87, Mei12a, Nau93, Num05, Par14, SGV94, Sie12, Smi02, Tur60a, Tur91, TG95, TvN99, Wat12m, Wel14, Bia79, Blo98, Cas06a, Co012a, CP00, Hal13, Has95, Her88,

Her95, Her98, Hod95a, Jac12, dBPZM10, Pet08, RTM04, Sha54, Ste90, Wel04, Cha94, Lip11]. **Machine-Inspired** [Har12b]. **Machinery** [Cas13, Luc95, Luc09, Tur48a, Tur50a, Tur95b, Tur09, Cop17f, Dys12a, Tur69, Tur96, AWL<sup>+</sup>88]. **Machines** [Ano88, Ano89, AWL<sup>+</sup>88, Axe12, BLvT11, vEB12, Bow53a, CFK<sup>+</sup>91, Cla72, CM10, CS11b, Den04, Har03, Hin17, Hod12e, Hop84, IT12, Jea12, Jon16, Mar11a, Mic08, MC96, Min67, Min72, NW12, RS03, Rou18, Wat12j, Wat12k, Wat95, Wat09, dC11a, And64, Bat17, BB94, Gam13, IST<sup>+</sup>10, KvLP88, Lev06, III14, PR10, Pro17a, Sha09b, Sze94, TPD85, UST<sup>+</sup>10, Web12, dLMSS56, And84, Arb95, AWL<sup>+</sup>88, Hop12, Mar13a, Wel06a]. **madman** [Lev06]. **Maestro** [CFK<sup>+</sup>91]. **Major** [Kle95]. **Make** [Ano89, BDD15]. **Makers** [AG02, Wol16]. **Making** [CK02, Eva81, GC12a, Sch04b, Tra03, Aga01, Smi02]. **Malonic** [LE91]. **Man** [Bea84, CFK<sup>+</sup>91, Co006a, Lea12, Pau91, Sut85, Bol84, Cap05, GG12, Hod12c, Lea05, Lea07, Lem04, Lem12, Moo14, Smi10, Tur17]. **Manchester** [Ano51, Ano12g, Cop11a, Cop11b, LTM<sup>+</sup>51, Swi19, Tur50b, Tur51b, Lea19]. **Manipulation** [Con12]. **Mann** [Hod12c]. **Männer** [Hod94h]. **Manual** [AWL<sup>+</sup>88, Tur00]. **Manuscript** [Bau12]. **Many** [CFK<sup>+</sup>91, Hod12c]. **máquina** [Tur74]. **maquinas** [TPD85, And84]. **March** [DMV12]. **Mark** [Ano12g, Ano20, Jon17, Pet18, Tur51b]. **Marling** [CFK<sup>+</sup>91]. **Marriages** [Mur12]. **Mars** [Smi05]. **Marshall** [Don14]. **Martin** [Gee12a, Kil14a, Kil14b, KP02]. **martyr** [Mac12b]. **Marvelous** [Wat12k]. **Masani** [AWL<sup>+</sup>88]. **Maschine** [Hod12c, Tur60a]. **Maschinen** [Dys12a]. **mashina** [Tur60b, TvN99]. **masina** [Tur60a]. **Master** [And08, Cop05a]. **Matching** [LA12]. **matematiche** [B<sup>+</sup>11]. **matematico** [Odi12]. **material** [AH85, Man90]. **Materialism** [Coc12]. **Math** [Cra10a, Emm13, Sie12]. **Mathematical** [Ano88, AWL<sup>+</sup>88, Cas06b, CV13b, Dav95a, Dav95b, GGZ06, Lom05, Mur93, Mur12, Pic03a, Ste94, Tur47, Tur95a, Tur01b, Asp80, Haw05, Hil93, RR12, B<sup>+</sup>11, Tur01a]. **Mathematician** [Ano12h, Dav13, Ell19, MS17, Rid84, Rue07, AW77, McG12, Odi12, Zas18]. **Mathematics** [Bee95, Bee04, BH03, Hal13, Hal14, Rue07, Boo52, Daw16, Emm13, FF91, KAB99, Tur92b, WW17, Tur45]. **mathématique** [Lom05]. **Mathison** [AW77, AH85, Ano00a, Che93, CV13a, New55, Tau56, Ter11]. **Matrices** [GvN51, vNG47, TT56]. **Matrix** [Bod49, Tur48c]. **Matter** [vEB12, Hut84, Jon16]. **Mauchly** [Ano96]. **Maurice** [Ben12]. **Maverick** [AWL<sup>+</sup>88]. **Max** [CV13a, GG13, GG17]. **Maxima** [Bau00]. **Maximen** [Bau00]. **May** [ACL12, DIMV11, McG12, Poo92]. **McBain**. [Kru05]. **McCorduck** [TDCKW84]. **McLean** [AWL<sup>+</sup>88]. **McNeil** [CFK<sup>+</sup>91]. **Mean** [Hod08b]. **Meaning** [Bra95]. **means** [Mic15]. **meccanica** [Tur94]. **Mechanical** [Tur92c, HHW08]. **Mechanics** [DP02, Tau61a]. **Mechanism** [BB16, LL12]. **Mechanisms** [Dah95]. **Mechanization** [Bee04]. **Medal** [Fie15]. **Media** [HS82]. **Meeting** [Hil17, GKO95, Man90, PA13]. **Meets** [BLvT12, SG18, Mis09]. **mela** [Pat07]. **Membrane** [GS12, Zas18]. **membranes** [TCP<sup>+</sup>18]. **Memoir** [Hus91]. **Memorial** [Don01b, Ran00].



**Memory** [Cop11a, Dre10, Tur05a]. **Men** [Cha16, Hod94h]. **Mental** [Mak95]. **Mentes** [TPD85, And84]. **Mentor** [GG13, GG17]. **Merin** [WTP<sup>+</sup>06]. **metaheuristics** [Yan12]. **Metamathematics** [Bea89]. **Meteorology** [Tau63c]. **Method** [Boo06a, HSD09, Tru11, Tur43]. **Methoden** [Bau00]. **Methodological** [EBR09]. **Methods** [Bau00, GMT<sup>+</sup>12, Tur51a]. **Meyer** [Bur11]. **MI5** [Irv04]. **Micro** [Eva81]. **Microelectronics** [AWL<sup>+</sup>88]. **Microemulsions** [BVE11]. **Might** [Lip12]. **Military** [Hod03a]. **million** [Fis15, CAC14b]. **Milner** [BLvT12]. **mimic** [Sie12]. **Mind** [AWL<sup>+</sup>88, Cla72, CM10, Cop05b, Hof83, Mck95, Mck09, Mic08, T<sup>+</sup>06, Cho12, HHW08, Sie12, SG17, Spr17, Wel06b]. **Mind-Body** [Cla72]. **Minds** [And64, Har03, Rue07, HM02, And84, TPD85]. **Minimum** [Liv02]. **Minimum-Weight** [Liv02]. **Minister** [Nau09]. **ministers** [Coa13]. **Miracles** [Ter11]. **Misidentification** [SW10]. **mistaken** [Cro94]. **Mistakes** [Sch04b]. **Mk** [Tur00]. **Mlŷn** [BFG<sup>+</sup>12]. **mm** [Jon17]. **Model** [Ano10b, Ano15b, Dah95, DC11b, Hew13, KW12, MBC06, Tra12, AKS11, Ano12j, Dal12a, Dut10, FHM14, Jac12, RR12, Spr17, Tia11, Nor14]. **Modeling** [LE91]. **Modelle** [Mei12b]. **Modelling** [LP11, Mur12]. **Models** [ACL12, BAC14, DC11b, EGW04, Sta04, Wie12, DDL01, GS12, SNUM03, Wel14, Mei12b]. **Modern** [And08, Bia79, CK02, CP12b, Dav95b, DW16, dSAL<sup>+</sup>13, Aga01, Ano19d, Cop05a, Cor17, Mad12, Smi02]. **Modern-Day** [DW16]. **modernes** [Bia79]. **Modest** [Pic11]. **Molecular** [MBC06, CS11a]. **moments** [CP17a]. **monument** [GC17b]. **Morphogen** [LGB11]. **Morphogen-Regulated** [LGB11]. **Morphogenesis** [Coo12a, Fre86, Ric06, SNUM03, Tur90, Tur92a, WBM17, Kid96, Tur52, Nan03]. **most** [Rob17]. **Motivating** [Tay98]. **Mouse** [Ano06b]. **Moving** [Fre12c, Hau03, SCT<sup>+</sup>17]. **Mozet** [Tur60a]. **Mozhet** [Tur60b, TvN99]. **MR** [CBB12]. **Ms** [CFK<sup>+</sup>91]. **Much** [Coo06a, Lea12, Lea05]. **Muddled** [TDCKW84]. **Multitape** [IT12, SGV94]. **Münster** [CBB12, Gla12]. **Murdered** [Pit14, Par14]. **Murphy** [THWV88]. **Music** [Ano16, CL17a, CL17c, Hid12]. **música** [Hid12]. **Musical** [CL17b]. **Musings** [Ner14]. **Musterbildung** [Mei12b]. **My** [Hum95, Hum09]. **myslit** [Tur60a, Tur60b, TvN99]. **Myth** [Dav04].

**Nachwort** [Hod94g]. **Named** [Ste94]. **nanopatterns** [BSK<sup>+</sup>15]. **nanoscale** [TCP<sup>+</sup>18]. **nanotechnology** [Wel02]. **Narration** [Hoc87]. **National** [Fef99, Tur01c, Wil80]. **Natural** [DC11b, Gel12, Whi12, Hod97c]. **naturalized** [Sch88]. **Nature** [Chu95, Chu09, Coo06c, DC12, DC13, Zen13]. **naval** [Goo00, Don14, Mah10]. **Navy** [Gla03, Tur03]. **Nazis** [Hea15]. **near** [Dil05]. **neat**. [HP20]. **Negative** [PSS11]. **neither** [Irv04]. **Netherlands** [MBS11]. **Nets** [CP12a]. **networks** [RR12, Web12]. **Neue** [Hod94h].

**Neumann** [CFK<sup>+</sup>91, Fie15, Tur60a, Ano96, Asp80, CK12b, HP20, IM13, Lie11, Mŷh09, Sch88, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Tur60a]. **neural** [Web12]. **neurons** [CP17b]. **Newman** [CV13a, GG13, GG17]. **News** [Ack14, Fis15, Fis17, McG12, CAC14b]. **NJ** [Kru05]. **no** [Sha12]. **no-priority**

[Sha12]. **Non** [Wel06a]. **Non-deterministic** [Wel06a]. **Nonexponentially** [Fu12]. **Nonlinear** [KW12]. **nor** [Irv04]. **Norbert** [AWL<sup>+</sup>88]. **Normal** [Bec12, BFP07, Turxx]. **Norman** [Ano12h]. **Norris** [AWL<sup>+</sup>88]. **Norton** [KP02]. **Norwegian** [The87]. **notable** [Wol16]. **Note** [CZ12, Sch04b, Tsa19, Ano19d, Ell19, Pea19, Turxx]. **Notebook** [Ano15a, Cop18]. **Notes** [Tur05a, Hut84]. **nous** [Mar13b]. **novel** [Ano04, HM92, Pap03]. **November** [Tur42b]. **NP** [Fu12]. **NPL's** [Ano11a]. **Nuclear** [Hel17]. **numberings** [Fai10a]. **Numbers** [Bec12, Chu13, Pau91, Tur36, BFP07, Bra13, The87, Tur37b, Turxx]. **Numeracy** [Pau91]. **Numerical** [Cuc12, GvN51, HAC<sup>+</sup>85, Tau63b, Wil71, vNG47, Dow13, Mad12]. **numérique** [Dow13]. **NUPT** [Ste12a]. **NY** [Kru05].

**O.B.E** [Gan54]. **OBE** [AW77]. **Objection** [Pic03a]. **Obscaja** [Tur60a]. **Observers** [THWV88]. **Observers** [Sut13]. **Ockham** [Res17]. **October** [MBS11]. **Oded** [Kru05]. **ODFL** [Ste12a]. **Off** [Fre12b, Tur48c, Hej07, Bod49]. **offer** [Poo92]. **Oh** [Wei88]. **Ohio** [Tur01c]. **Old** [Pro17b]. **Omnibus** [Bri90, Ken89, Dew89, Dew93]. **Once** [Cha16, CH16]. **one** [LC01]. **Online** [CF98]. **ont** [VB15]. **Ontario** [Sof83]. **OO** [BB94]. **Opening** [Den12b]. **operate** [Jac12]. **operating** [HP88a]. **Operation** [AWL<sup>+</sup>88, Gla04]. **Operators** [Tau63a, Ire17, Tau61b]. **Opposition** [Dav06a]. **Optimal** [OSZ03]. **option** [HM92]. **Oracles** [BCT10]. **ordenadorea** [JTS97]. **Order** [GvN51, vNG47]. **Orders** [DJ12]. **ordinals** [Tur38c, Tur39, Tur65]. **ordinateur** [Ano96]. **ordinateurs** [Bia79]. **organisational** [Smi15a]. **Organizational** [AWL<sup>+</sup>88]. **Origin** [Dav95b]. **Original** [Tur72, Kan12]. **Origins** [Bla14, CK12b, CFK<sup>+</sup>91, Dia12, MD11, Mic80, Swa13, Asp80, Dys12c, GC12e, Kah84, Ran72a, Ran72b, Ran17a, Sal12]. **Other** [AWL<sup>+</sup>88, CD86, Sch04b, Tau62, Blu14, CK12a, CD77, Smi15b, TWCD86]. **Out-of-the-Box** [EG12]. **Outlaw** [Hod94m]. **Output** [PR10]. **Overcoming** [THWV88]. **Oxford** [Ano20, Fai12, Hai16, Hod06a, Jon17, Rus89, Sal12, vL13, Man90].

**P** [Ano96, TDCKW84, Rou18]. **P-Type** [Rou18]. **P.** [TDCKW84]. **Page** [Hod97b, Hod97a]. **Pages** [Fai12, Ano04, Ano20, Gee12a, KP02, LH83]. **Pantheon** [CK12b, Dia12, GC12e]. **Papadimitriou** [Ano04]. **paper** [Lip11, Pet08, Zas18]. **Paperback** [Ano20, Jon17, Sal12, CK02, Hai16, Hod06a]. **Paperbacks** [Shu87]. **Papers** [CD86, Lap96, AW77, AH85, Ano11b, Dav65, ER68, TWCD86, AWL<sup>+</sup>88, MBS11]. **para** [Hid12]. **parade** [Ano12k]. **paradigms** [Coo08, GS12]. **paradox** [Gör91, Gör95b, HS82]. **Parallel** [Dah95, IST<sup>+</sup>10, UST<sup>+</sup>10]. **paranormal** [Lea17]. **Pardon** [Dav13, Hou12, Coa13, Ell13]. **Pardoned** [Cha16]. **Park** [Ano11b, Cop06, Cop17a, Gee11, GMT<sup>+</sup>12, GW14, HS93, Sal04, Sev12, Smi15b, Smi15a]. **Parsing** [ERB08, EBR09]. **Part**

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**pensar** [Tur74]. **pensé** [Gou99]. **pensée** [Bre12c]. **People**  
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**performance** [GC17a]. **Periodic** [Tau61b]. **periodicity** [Tur35a].  
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 [Ano13, Ano11a, Wil80]. **Pioneer**  
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**pratique** [Gou99]. **pre** [Cor17]. **pre-war** [Cor17]. **Predator**  
 [RMP11, AKS11]. **predicted** [Zas18]. **Preface** [GMC12]. **Prefiguring**  
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**presented** [Man90]. **Press** [Ano04, Ano20, Fai12, Hai16, Hod06a, Jon17,  
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**Prestigious** [Ano14]. **Pretext** [Kru05]. **Prey** [RMP11, AKS11]. **Price**  
 [Con95]. **Prime** [Nau09]. **Primes** [Bul15]. **Princeton**  
 [Sal12, Shi14, vL13, App12]. **Principle** [Szu12, Wie12, Deu85, Tim04].  
**Principles** [AD12, Dah95, Dow12a]. **priority** [Sha12]. **prize**

[Fis15, CAC14b, Ano90]. **probabilistic** [dLMSS56]. **Probability** [Cha95, OSZ03, Tur41a, Zab12, Zab17, Goo79b]. **Problem** [Cla72, Fra06, Har12a, Hut84, Boo52, Cop17e, Cro94, Tur50c]. **Problems** [Tra12, Dav65, GGZ06, III14, Tur54]. **Proceedings** [Sof83, USE83, PA13, ACL12, AWL<sup>+</sup>88, BFG<sup>+</sup>12, CLS07, CDL12, DIMV11, DMV12, WTP<sup>+</sup>06, BBLT06, CS11a]. **Process** [Fra12, HTG12]. **Processes** [Tur48c, Bod49]. **processing** [DB05]. **Prodigy** [CFK<sup>+</sup>91]. **produces** [Poo92]. **Prof** [CV13c, Tur15a, Tur40, Chr16, Ham16]. **Prof.** [BTHS12]. **Program** [ApS65, Hum95, Hum09, MJ84, SHH81, TDCKW84, AMKM66, BSPI65, CPR11, HLOS65, Nau93, Str65]. **Programmability** [Con95]. **Programmer** [Bea89]. **Programming** [Tur50b, Tur51b]. **Programming** [EH91, HC88, Lis12, Met19, PA11a, CS11a, HH84, Hol86, HC87, HP88a, HP88b, HMRC88, Hol90, HH90, dBPZM10, Tur51a]. **Progressions** [DJ12]. **project** [Sch88]. **Proof** [MJ84]. **Proofs** [Gol95]. **Propeller** [Wat12e]. **properties** [UST<sup>+</sup>10]. **Proposal** [Tur45, Tur72]. **Proposed** [Tur46, Tur05b]. **propositions** [Dav65]. **PROSE** [Ano14]. **Prospective** [Ano88, AWL<sup>+</sup>88]. **protagonists** [B<sup>+</sup>11]. **Proving** [CPR11]. **proximity** [Fie15]. **Psychology** [CM96]. **psychotic** [Lom05]. **psychotiques** [Lom05]. **Publications** [May61]. **Publisher** [Wil10]. **Publishing** [Ano20]. **Puede** [Tur74]. **punishment** [Cop17c]. **Pure** [Tur92b]. **purification** [TCP<sup>+</sup>18]. **Purpose** [CH83a, CH83b]. **Pushdown** [IT12]. **Pushing** [Coo12d]. **put** [Hum14]. **puzzle** [Lei01].

**qu'Alan** [Mar13b]. **Quantum**

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**reverse** [PA11b]. **Reversible** [AG11, Axe12, DL06]. **Review**  
 [Ano04, Ano20, Asp84, Avi14, Bea84, Bla14, Bod49, CK84, CK02, CK12b,  
 Cha94, Chr13, Chr15, Chu13, Coo06a, Dal12b, Día12, Ers84, Fai12, Fef99,  
 Gas16, Gee12a, Gin19, GC12e, Ham16, Hay17, Hod06b, Hof83, Hof85, Jon17,  
 KP02, Ken89, Kil14a, Kil14b, Lea19, Mac12b, Nic17, Nof17, OS65, Pet18,  
 Rid84, Rus89, Shi14, Smi02, Smi14, Sut85, Tho18, Wil10, Chr16, Lip11, The87].  
**Reviews** [Ano06a, AWL<sup>+</sup>88, Bri90, CFK<sup>+</sup>91, Hai16, Hod06a, Kru05, Lov04,  
 TDCKW84, vL13, Sal12, Ano88]. **Revised** [Cop11a, Cop11b, MBS11].  
**Revision** [Chr10]. **revisited** [Cor17, Shi12, Sim17a]. **Revolution**  
 [Isa14, Nof17, HP15, SS15, AWL<sup>+</sup>88]. **Revolutions** [CK02]. **Rich**  
 [CS12, Und13]. **Richard** [Kru05]. **Richards** [Ric06]. **riddle** [McG12].  
**Riemann** [Boo06a, Boo06b, Leh70, Leh56, Tur53]. **Right**  
 [Tra03, Tra12, Tur35a]. **rigor** [Lom05]. **rigueur** [Lom05]. **Rings** [Tau63a].  
**Risk** [Buz12]. **River** [Kru05]. **Road** [KP02, Kil14b, Dav00, Dav12, Kil14a].  
**Robert** [Gas16]. **Robin** [Ano20, Jon17, Pet18]. **Robots** [CFK<sup>+</sup>91, Pro04].  
**Robust** [Cai12]. **Roger** [Gee12a, Pit14]. **role** [Kah84, Mei12b]. **Rolf** [Rus89].  
**Rolle** [Mei12b]. **roots** [Leh56]. **Rounding** [Tur48c, Bod49]. **Rounding-Off**  
 [Tur48c, Bod49]. **Routine** [Tur49]. **Routledge** [Ano12h, CF98]. **Rowland**  
 [AWL<sup>+</sup>88]. **Royal** [Dav13]. **Rule** [Kru05, Pro04, McG11]. **Rule-Following**  
 [Pro04]. **Rules** [Pic03b, Jac12]. **Ruminations** [Pau91]. **Running**  
 [Gla03, Tur03]. **Russian** [McG11, TvN99].

**S** [Chr15, EW17, Gla03, TDCKW84, Tur03]. **S.** [TDCKW84]. **sabía** [Lea12].  
**Saddle** [Kru05]. **Saga** [AWL<sup>+</sup>88]. **Said** [Den12a, Pro15]. **San** [USE83]. **Sara**  
 [May61]. **saved** [Ano11b]. **Saving** [Mur12]. **Says** [Tsa19, Pit14]. **Scale**  
 [AWL<sup>+</sup>88]. **scandal** [Rig91]. **scandalo** [Rig91]. **Scheutz** [THWV88].  
**Scholastic** [Kru05]. **school** [Bro97]. **Schriften** [Tur87]. **Schuster**  
 [Kru05, LH83]. **Science** [AG02, AWL<sup>+</sup>88, Ber16, Bia79, BFG<sup>+</sup>12, CK02,  
 CP99, Dav95a, Har12b, Ken89, Lap96, SCT<sup>+</sup>17, SG18, Ted15, Wel04,  
 WTP<sup>+</sup>06, Asp80, Bre12c, Bro97, BDD15, Das14, Dew89, Dew93, DT12, Fie15,  
 HH84, Hol90, HH90, LC01, Lea07, Smi05, Wel06b, Nic17, Bri90, Tho18].  
**Sciences** [Mur12, Fly02]. **Scientific** [Hin17, Tra12, HM02]. **scientists**  
 [Rob12]. **scrambler** [Kah84]. **script** [Bre12a, Bre12b]. **Second**  
 [BBLT06, Wat12l, Sha09a, RA03, RA04]. **Secrecy** [TB12]. **Secret**

[Lew78, DB04, Hea15, Rob17]. **Secrets** [Bau00, Cop04, Cop06]. **secure** [Kah84]. **Security** [Hel17, Pip04, Pip05]. **Segarra** [Hid12, Hid12]. **seine** [Hod12c]. **Selbstverstärkung** [Mei12b]. **Selected** [MBS11]. **Selections** [DKK<sup>+</sup>98]. **Self** [Arb95, RTM04, Mei12b]. **self-enhancement** [Mei12b]. **Self-replicating** [RTM04]. **Self-Reproduction** [Arb95]. **semi** [Boo52, Tur50c]. **semi-groups** [Boo52, Tur50c]. **Seminal** [Cop04]. **Sense** [Flo17, FRT14, Lev17]. **Sensible** [Hut95, Hut09]. **September** [CS11a]. **Sequence** [AWL<sup>+</sup>88]. **ser** [Boo52]. **Serendipitous** [dSAL<sup>+</sup>13]. **series** [TW05]. **Service** [Tur87]. **services** [Hod12c]. **set** [BSK<sup>+</sup>15, Jac12]. **Sets** [Fu12, OG12, Tau61a, Fai10a]. **Sex** [Cha16]. **shadow** [New03]. **Shannon** [Smi05, SG17, SG18]. **Shapes** [PSS11]. **Shaping** [Ted15]. **Shells** [DP02]. **shops** [Ive15]. **Shore** [Hod94c]. **Short** [Gla03, Hut84, Tur03]. **Siena** [CLS07]. **signaling** [RR12]. **Significance** [DC11b, ZM08, CAC14a]. **Simon** [Dal12b, Gee12a, Kru05, LH83]. **Simple** [AG11, FOO71, HP20, Poo92]. **Simplicity** [Hin17, MC12b]. **Simulating** [LP11]. **Simulation** [Hut95, Hut09, FOO71, FRT14, GC17a, KvLP88, FOO71]. **Simulator** [Cur65, Her98]. **Single** [PSS11]. **Sinkov** [Chr10]. **Skill** [Gör95a]. **skin** [HM96, KA96]. **SLAIS** [MMB13]. **Slave** [CFK<sup>+</sup>91]. **SLE** [MBS11]. **Small** [NW12]. **Smaller** [Wel02]. **Smart** [Len95, Len09]. **śmiercé** [Hod02b]. **Soare** [Gas16]. **sobre** [And84]. **Social** [Edm95, Edm09, EG12, Mur12, Par17, Smi15a]. **Socialization** [RS03]. **Society** [Gee12a, Tur47, Tur95a, Mac12b, Cer04, CV13b]. **Socrates** [RM00b, RM01]. **SOFSEM** [BFG<sup>+</sup>12, WTP<sup>+</sup>06]. **Software** [Sof83, MBS11]. **Solution** [RV12, Dow13, Wri16]. **Solvable** [Tur54]. **Some** [Rue07, Tur53, UST<sup>+</sup>10, Wel12, Wil71, Jam06, Lei01, Wol16]. **Sommaruga** [Nof17]. **Son** [CFK<sup>+</sup>91]. **songs** [Hid12]. **Sorry** [San05]. **Space** [Gol12, Mck95, Mck09, RMP11, Sze94]. **Space-** [RMP11]. **Spain** [DIMV11, DMV12]. **Spake** [CFK<sup>+</sup>91]. **Spanish** [And84, Hid12, Lea12, Paz03, TPD85]. **spätere** [Mei12b]. **Special** [Teu12, GMC12, Por19, MMB13]. **species** [Tia11]. **Spectral** [Hod12a]. **spectrum** [Kah84]. **Speech** [TB12, Cop17d]. **Speed** [Ano49]. **Spider** [Tur04]. **Spillman** [Kru05]. **Spindleruv** [BFG<sup>+</sup>12]. **spirit** [Hod94e, Hod94f]. **spiritual** [Dys12a]. **Spots** [Poo92, Poo91]. **spread** [Kah84]. **Sprevak** [Ano20, Jon17, Pet18]. **Springer** [Ano20, Kru05]. **Springer-Verlag** [Kru05]. **Stability** [KW12, WWG12]. **stage** [Sol87]. **Stamp** [Gee12b]. **Standard** [Gar95, Gar09, ZM08, Moo03b]. **Starch** [LE91]. **Starts** [Ano12c]. **State** [HS82, OS91]. **Statement** [Den12a, Den12b]. **States** [Bre13, Sha54, Tro93, Tro95]. **Stationary** [RV12]. **Statistical** [Goo92, ZM08, Goo79b, GMT<sup>+</sup>12]. **Statistics** [Tur41b, Goo79b]. **Status** [Moo03a]. **Statutory** [Hou12]. **Step** [Sie14]. **still** [Dal12a, Gal06]. **Stochastic** [HTG12]. **Stored** [TDCKW84]. **Storia** [Hod03b]. **stories** [Smi15b]. **Story** [Hod03b, Lew78, Whi87, DB04, Hea15, HS93]. **Strahm** [Nof17]. **Strand** [LP11]. **stravagante** [Odi12]. **Strawberries** [Sch04b]. **Street** [Kru05]. **striped** [OS91]. **stronger** [Gam13]. **Structural** [DP02].

**Structure** [Kop95, Zas18]. **Structures** [DP02, LE91, LKE93, RV12, RAM95, TCP<sup>+</sup>18, WWG12]. **Struggle** [And08, Cop05a, Cop12a]. **students** [Bro97]. **Studies** [Goo79b]. **study** [GC17a, New03]. **style** [Nau93]. **sublogarithmic** [Sze94]. **submarines** [McG11]. **Subway** [Ste94]. **succeeded** [Dys12a]. **Summer** [Sof83]. **Summit** [CFK<sup>+</sup>91]. **Sunflowers** [Ano12]. **super** [GS12, Sie13]. **super-Turing** [GS12, Sie13]. **Supplementary** [AH85]. **Surface** [KW12]. **Surfaces** [LOM<sup>+</sup>01]. **Surprises** [Hut95, Hut09]. **Survey** [Gol95, NW12, Rus89, Her88, Her95]. **Swansea** [BBLT06]. **Switzerland** [Ano20]. **Symbol** [Con12]. **Symmetry** [MC12b]. **Symposium** [AWL<sup>+</sup>88, Bow53a, Den12c]. **Synchronizability** [IT12]. **Synchronization** [IT12]. **syndrome** [Jam06, OF03]. **Synopsis** [Lav12]. **System** [KW12, LE91, LKE93, RMP11, TB12, vL13, Dut10, GS12, Poo92, Shi14, Tur42a, WWG12]. **Systems** [CEL10, Del06, HS82, LP11, Tur38c, Tur39, Tur65, Wie12, App12, HP88a, SNUM03].

**Take** [Pro17b]. **Takes** [Wha09]. **Talking** [RS03]. **TAMC** [ACL12]. **Tape** [Axe12, EH91]. **tapes** [IST<sup>+</sup>10]. **Tarragona** [DIMV11]. **Taster** [Yap12]. **taxi** [Cle17]. **Teacher** [PA11a]. **Teacher-Friendly** [PA11a]. **Team** [Hod94e]. **Technical** [CFK<sup>+</sup>91, Mis09, TB12]. **Technology** [AWL<sup>+</sup>88, DKK<sup>+</sup>98, Don01a, GF91, Gör95a, Kah84, Mai06, CFK<sup>+</sup>91]. **Telecollaboration** [Bro05]. **teleprinter** [GMT<sup>+</sup>12]. **tell** [HP20]. **Temperature** [PSS11]. **ten** [Coo12d]. **teorija** [Tur60a]. **Term** [RMP11]. **termination** [CPR11]. **terrible** [Tur17]. **Test** [Ano90, Bac90, BBF03, Cra10b, Dew92, EG12, Eri03, EW17, Fre12b, Ham90, Hod09, Mas12, Sch12c, VFR<sup>+</sup>12, War12, Wie12, Ack14, Bie12, Cro94, Fre12c, Hod12a, Lev17, Llo12, Nau86, Pat07, Pro17c, PA11b, Shi04, CAC14a, Zas18, BB12a, BB12b, BBF03, CP95, Cop03, CP04, CP09, Edm03, ERB08, EBR09, Gar95, Gar09, Hod95b, Hor95, Hor09, Hum95, Hum09, KK09, Len95, Len09, Loe95, Loe09, Moo03a, Moo03b, Pat04, Pla09, Pro06, Rap03, SCA00, SCA03, SCT<sup>+</sup>17, Sea95, Sea09, Sha12, Tra03, Var14, Wha09, Zde03]. **Testery** [Rob17]. **Testing** [PA11a]. **Tests** [Pav17, SW10, Ste00, Ste03]. **Teuscher** [Kru05, Lov04]. **text** [CFK<sup>+</sup>91]. **Textbook** [Chr10]. **Their** [Ano88, AWL<sup>+</sup>88, DJ12, IM13]. **Them** [Rue07]. **Theorem** [Fra06, NT42, Zab95]. **Theorems** [CZ12]. **Theoretical** [HL02, Man90]. **Theorie** [Mei12b, Tur60a]. **Theories** [Roc12]. **Theory** [ACL12, AD12, BAC14, BFG<sup>+</sup>12, CFK<sup>+</sup>91, CM10, Deu85, Dow12a, Gas16, Tau61a, Tau61b, Tau63b, Tur60a, WTP<sup>+</sup>06, WS00, WBM17, Blu14, Cas06b, DIMV11, DMV12, Dow14a, FHM14, Han12, Joy00, Mar11b, McG11, Mei12b, Moo15, NT42, PA13, Ric17, Sha09a, Soa16, Ste90, Tur48b, Tur96, Zie09, Tau63c, PA13]. **There** [Par17]. **these** [Gal06]. **Thesis** [AD12, Cot03, Dav06a, Dow12a, Fef06, Ner14, Pic11, Szu12, App12, BA05, CS19, Gal06, Sha12, Tay98, Par17, Yao03, vL13, Shi14]. **Things** [Kru05]. **Think** [Den04, Wat95, Wat09, Tur60a, Tur91, TvN99]. **Thinker**

[Kru05, Teu04a, Lov04]. **Thinking**  
[Aho12, Eps95, EBR09, Eps09, Jon16, Jor07, Nau86]. **Thinning** [Cai12].  
**Third** [CLS07, MBS11]. **Thomas** [CFK<sup>+</sup>91, Nof17]. **Thomason** [Kru05].  
**Thought** [Bow53a, MC96, Bre12c, Coc12, FF63, Gou99, HP20, Hol18].  
**Thousands** [Cha16]. **Three** [BVE11, Por19, Sal12, Tia11].  
**Three-Dimensional** [BVE11]. **Thus** [CFK<sup>+</sup>91]. **Time**  
[Axe12, RV12, RMP11, Whi12, Hod12a]. **Time-Dependent** [RV12].  
**Time-Discrete** [RMP11]. **Times** [Bau12, LH83, Wel06a]. **Titanic** [Coo12f].  
**todas** [Hid12]. **Today** [Ano12c, Dys12a, Hod12c]. **Todd** [Mad12].  
**Tomography** [BVE11]. **Tony** [Met19]. **Too** [Coo06a, Lea12, Lea05]. **Topics**  
[Tau62, LTM<sup>+</sup>51]. **Toronto** [Sof83]. **Total** [Sch12c]. **Tour**  
[Ano06a, Rue07, Lip11, Pet08]. **toxic** [McG12]. **Tracks** [Ano89]. **trail**  
[HL02]. **Transfinite** [Wel14]. **Transformation** [BLA<sup>+</sup>11].  
**Transformations** [Bul15, TT56]. **Transient** [LKE93]. **Transients** [RMP11].  
**Transition** [OS91]. **Translation** [CFK<sup>+</sup>91]. **Transport** [BB16]. **treasury**  
[FF91]. **Treatise** [CV13c, Tur40, Tur99]. **Treatment** [Bro09, Nau09].  
**Trends** [BFG<sup>+</sup>12, WTP<sup>+</sup>06]. **Trieste** [PA13]. **triumphant** [McG11].  
**trousers** [Tur17]. **True** [PR17]. **Truly** [Sch12c]. **Truth** [Hod94f]. **Tumours**  
[Mur12]. **Tunny** [Cop17g, GMT<sup>+</sup>12]. **Turing**  
[AW77, AH85, And08, Ano99, Ano12d, Ano12b, Ano13, Ano14,  
Ano20, Arb95, Ash87, Asp84, AWL<sup>+</sup>88, Avi14, Blo98, Bre12a, Bri90, CK84,  
CK02, CFK<sup>+</sup>91, Cha94, Chr15, Chr16, Coo06a, CDL12, CP00, Dal12b,  
Deu85, Don01a, Dys12a, EH91, Ers84, Fai12, Fie15, Gan54, Gee12a, Gin19,  
GR12, Gol12, Goo92, GKO95, Ham16, Hay17, Her88, Her95, Hid12, Hoc87,  
Hod94a, Hod94b, Hod06a, Hod12c, Hof83, Hof85, Hou12, Jon17, Ken89,  
Kru05, Lav12, Lea19, LH83, Lie11, Lip11, Lov04, Mei12a, MMB13, Owe12,  
Par17, Pet18, RTM04, Rid84, Rus89, Sal12, Set17, Sev12, Shi14, Shu87,  
CAC14b, Sut85, Swi19, Tim04, THWV88, TDCKW84, Und13, Wel06a,  
Yao03, Zie09, vL13, Abr11, Ack14, Aga01, AB00, AKS11, ALdlP20, Ano89].  
**Turing** [Ano96, Ano00a, Ano00b, Ano01, Ano02, Ano06a, Ano06b, Ano09a,  
Ano10b, Ano11c, Ano11b, Ano12b, Ano12a, Ano12e, Ano12f, Ano12h, Ano12i,  
Ano12j, Ano12k, Ano12l, Ano15a, Ano15b, Ano19a, Ano19b, Ano19c, Ano19d,  
Ano20, App12, AD12, Asp80, AB12, AB14, AG11, Axe12, Bac90, BLvT11,  
BLvT12, BB12a, WBM17, BVE11, BAC14, Bar98, BLA<sup>+</sup>11, Bau12, Bea89,  
BFP07, Bec12, BCT10, BA05, Ben97, Ben12, Ber16, BB94, Bia79, Bie12,  
BSK<sup>+</sup>15, Blö12, Blu14, vEB12, Bod49, Bol84, Boo06a, Boo06b, Boo52,  
BB12b, BC17, Bra13, Bre12b, Bre12c, Bre13, BBF03, Bro97, Bro05, Bro13,  
BB16, Bro09, Buh14, BDD15, CK12a, Cap05, ÇG12, CZ12, CD77, CD86,  
CD17, Car10, Cas06a, Cas01, Cas13, Cer04, CEL10, Che93, Cho95]. **Turing**  
[Cho09, Cho12, Chr10, Chr13, Chr16, Chu13, CP12a, CM96, CS12, Cla72,  
CBB12, Cle17, Coa13, Coc12, CM10, CL02, Coo12b, Coo12c, Coo12d, Coo12e,  
Coo12a, Coo12f, CV13a, CvL13, CV13b, CV13c, CH16, CP95, CP96, CP99,  
CP00, CP01, Cop03, CP04, Cop04, Cop05a, CP09, CP10, CP12b, CS11b,  
CGLWVR12, Cop12a, Cop12b, CL17b, CBSW17, Cop17h, CL17a, Cop18,



CS19, CH83a, CH83b, CG87, Cor07, Cor17, Cot03, Cow19, Cra10b, Cro94, Cuc12, Cur65, Dal12a, Dav13, Dav00, Dav06a, Dav06b, Dav12, Daw16, DW16, DK90, Del06, Dew89, Dew92, Dew93, DT12, Dic13, Dil05, DC11b, DC12, DC13, Don01b, Don14, DDL01, Dow12a, Dow13, DH10, Dow14a, Dow14b, Dow14c, Dow17, Dow12b, Dre10, DJ12, DL06, Dut10, Dys12a, Dys12b].

**Turing** [Dys12c, EGW04, Edm03, EG12, Ell13, Ell19, EH91, ERB08, EBR09, FH15, Fai10a, Fai10b, Fai11, Fef95, Fef06, FOO71, Fis15, Fis17, FB17, Flo17, For12, Fre86, FRT14, Fre12b, Fre12c, Fri05, Fu12, Fur12, Gal06, GMC12, Gam13, Gar95, Gar09, GAM11, Gee12b, GS12, Ghe11, Gla01, Gla03, Gla04, GR12, Gla12, Goo79b, Goo84, Goo00, Gör91, GKO95, Gör95b, Got96, Gou99, GC17a, GC12b, GC12a, GC12c, GC12d, GG12, GG13, GG17, GC17b, Gub86, Hae12, Hai17, HP20, Hal13, Hal14, Ham16, Ham90, HL02, Han12, Har03, Har12a, HM92, Har12b, Har47, Has95, Hej07, Hel17, Hen11, Her98, Hew13, Hic08, Hid12, Hil93, Hil91, Hin17, Hoc87, HG89, Hod83a, Hod83b, Hod85, Hod88, Hod89a, Hod89b, Hod92].

**Turing** [Hod95a, Hod95b, Hod97a, Hod97b, Hod97c, Hod99, HP00, Hod00, Hod01, Hod02a, Hod02b, Hod03a, Hod03b, Hod04a, Hod04b, Hod08a, Hod08b, Hod09, Hod12d, Hod12b, Hod12e, Hod12c, Hod12f, Hod12a, Hod14, HM96, HH84, Hol86, HC87, HP88a, HP88b, HC88, HMRC88, Hol90, HS14, Hop84, Hop12, Hor95, Hor09, HSD09, HAC<sup>+</sup>85, HH90, Hum14, Hum95, Hum09, Hym12, IT12, Irv04, IM13, IST<sup>+</sup>10, Jac12, Jac11, Jea12, Jor07, KP02, Kan12, Kar95, KvLP88, KW12, Ken17, Kid96, Kie12, Kle95, KA96, Kon12, Kov03, Dea98, KK09, LP11, Las98, LL12, LCKBJ12, Lea05, Lea07, Lea12, Lea17, LGB11, Lei01, Lem04, Lem12, Len95, Len09, LE91, LKE93, Lev17, Lev06, LOM<sup>+</sup>01, Lie11, Lip12, Lis12, Liv02, Llo12, Loe95, Loe09, Lol13, Lom05, Lon09, Lov04, Luc95, Luc09, LW11].

**Turing** [Mac12a, Mac12b, MBC06, Mai06, Mai07, Mal87, Mar13a, Mar13b, MD11, Mar11a, Mar11c, Mar11d, Mas12, May61, Mei12a, Mei12b, Mic15, Mic80, Mic08, III14, MC96, Moo15, Moo03a, Moo03b, MJ84, Müh09, MS17, Mur12, Nan03, Nau09, Nau86, Nau93, NW12, NA06, Ner14, New55, New12, New03, Nic17, Nof17, Nor14, Num05, OF03, O'R12, OG12, Odi12, OW12, OSZ03, OS91, Pap03, Pap12, PR17, Par14, Pat04, Pat07, PSS11, Pav17, Paz03, PC06, Pea19, dBPZM10, PC88, Pet08, Pic03a, Pic03b, Pic11, Pip04, Pip05, Pit14, Poo91, Poo92, Por19, PR10, Pra01, PA11a, Pra95, Pro06, Pro15, Pro17d, Pro17b, Pro17c, PA11b, QSW11, RV12, Ran72a, Ran72b, Ran00, Ran12, Ran17a, Rap03, RM00b, RM01, RR12, Rei12, Res17, Ric06].

**Turing** [Ric17, Rig91, Rob97, RMP11, RAM95, MC12a, Sal04, Sal12, Sau93, SCA00, SCA03, Sch04a, Sch12a, Sch12b, Sch88, SCT<sup>+</sup>17, SGV94, ST12, Sch12c, Sea95, Sea09, SW10, Sha12, Sha09b, Sha54, She12, Shi04, Shi12, Sie95, Sie13, Sie12, Smi02, Smi05, Soa14, Soa16, Sol87, SS15, Sor05, Spr17, CAC14a, Ste00, Ste03, Ste12b, Ste17, Ste90, Ste94, Str99, Str15, Sut13, Swa13, Swa17, Swi04, Sze94, SG18, Szu12, TCP<sup>+</sup>18, Tau56, Tay98, Ter11, Teu04a, Teu04b, Teu12, The87, Tho18, Tia11, Tim04, Tra03, Tro93, Tro95, Tsa19, Tur40, Tur42b, Tur59, Tur72, TWCD86, TG95, Tur99, Tur00, Tur01a, TW05, Tur12, TB12, Tur15b, Tur15a, UST<sup>+</sup>10, Unk84, VFR<sup>+</sup>12, Var14,

Var17, Vin13, Vos13, War12, WS16, Web12, WWG12, Wel12, Wel02]. **Turing** [Wel04, Wel06b, Wha09, Whi87, Whi91, WW17, Wie12, Wil80, WB12, Wol17, WS00, Wri16, Yan12, Yap12, Zab95, Zab12, Zab17, Zas18, Zde03, dC11a, de 12, dSAL<sup>+</sup>13, Bow53b, Ano90, HS82, Ano09b, Kil14a, Kil14b, May61, Wil10, Ano04, Bea84, Bla14, CK12b, Día12, Fef99, Gas16, GC12e, Hod06b, Hai16]. **Turing-like** [DDL01]. **Turing-Powerful** [LP11]. **Turing-Type** [LOM<sup>+</sup>01]. **Turing-Universal** [DL06, QSW11]. **Turinga** [Hod02b]. **Turingmaschine** [FOO71]. **Turings** [Gla12, Mei12b, Tru11, ST12]. **Turmites** [Ano89]. **Tutte** [Hai17]. **twentieth** [B<sup>+</sup>11, MHR80]. **twenty** [Ash87, Tay98]. **twenty-first** [Tay98]. **Two** [Ano89, Bau12, HS82, Pra95, Sha54, Ste00, Ste03, Ano20, McG11, AWL<sup>+</sup>88]. **Two-Dimensional** [Ano89]. **Type** [LOM<sup>+</sup>01, Rou18, Tia11, Tur48b]. **types** [NT42]. **tyranny** [Sut12].

**U** [Gla03, Tur03, DB04]. **U-boat** [DB04]. **Überleitung** [Hod94k]. **Ufer** [Hod94c]. **Ugly** [Pip04, Pip05]. **UK** [BBLT06, CDL12, Jon17, Ano19d, Gla04, Man90]. **ultra** [DB04, GW14, Lew78, Ran17b]. **unbreakable** [Kah84]. **Uncertainty** [Buz12]. **Uncomputable** [CS11b]. **undecidable** [Dav65]. **Understanding** [Nau93, Cro94, Zen13, Poo92]. **Underworld** [Wat12g]. **unfinished** [Sch88]. **uniform** [OS91]. **unique** [Ive15]. **United** [Tro93, Tro95]. **unity** [Lei01]. **Universal** [AG11, CK02, CL17b, Deu85, DL06, KP02, Kil14b, NW12, QSW11, Rus89, Sha54, Aga01, CK12a, Cho12, Cop17h, Dav00, Dav12, FOO71, HP20, Kil14a, Mei12a, Nau93, Smi02, Wat12m, Arb95, Blo98, CP00, Her88, Her95, RTM04]. **Universality** [Del06, Mar11d, PSS11, Sut13]. **Universe** [MC12b, CSS17, Dys12c, HP15, Sen21, Zen13, Sal12, CK12b, Día12, GC12e, Bla14]. **universelle** [FOO71]. **universellen** [Mei12a]. **University** [Ano51, Ano20, CFK<sup>+</sup>91, Fai12, Hai16, Jon17, Kru05, Rus89, Sal12, Shi14, vL13]. **UNIX** [CH83a, CH83b]. **Unknown** [ALdlP20, WS16]. **Unmögliche** [BT12]. **Unorganised** [Rou18]. **unorganized** [Web12]. **unpublished** [BFP07]. **Unsolvability** [Fra06]. **unsolvable** [Dav65, Tur54]. **until** [Hod12c]. **untold** [DB04]. **Unwin** [Shu87]. **uomo** [Cap05]. **Upper** [Kru05]. **USA** [CS11a, Kru05]. **use** [Hod03a, Tur42a]. **USENIX** [Sof83]. **Using** [PA11a, Rou18, GAM11, HH84, HP88a, HP88b, Hol90, HH90].

**V** [Ano99, Lie11, Tau63b]. **valid** [Gal06]. **validating** [Ric17]. **Vardi** [Var17]. **Vater** [Dys12a]. **Vegetative** [KW12]. **Venice** [Ive15]. **Venus** [Smi05]. **verbal** [Shi04]. **Vergleich** [Lie11]. **Verification** [OW12]. **Verifikation** [OW12]. **Verifying** [LP11]. **Verlag** [Kru05]. **Vermeer** [Kru05]. **Versus** [Tim04, Ano12f, Hew13]. **very** [Jam06]. **Verzögerung** [Hod94]. **VI** [Tau63c]. **via** [FRT14]. **victim** [Mac12a]. **video** [Ano13]. **viele** [Hod12c]. **Viewpoint** [BDD15, Mic15]. **viii** [Hod06a]. **Vintage** [Sal12]. **Vision** [Ber16, Nic17, Tho18, PA11b]. **Visionary** [Cow19]. **Visit**

[Gla01, Tro93, Tro95, Tur01c]. **Vita** [Hod03b]. **Vite** [B<sup>+</sup>11]. **Vogelfrei** [Hod94m]. **vol** [Boo52]. **Volume** [Kru05, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. **Voynich** [Bau12]. **vs** [Bur11].

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**xii** [KP02]. **xiv** [Rus89]. **xv** [Jon17, vL13]. **XXIst** [GGZ06]. **XXXVII** [Goo79b].

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**Zeitgeist** [CD17]. **Zero** [Cha94, Gol95]. **Zero-Knowledge** [Gol95]. **zeros** [Leh70]. **zeta** [Leh70, Leh56, Tur43, Tur53]. **zeta-function** [Leh70, Leh56, Tur43, Tur53]. **zur** [Mei12b]. **Zuse** [Lie11, Lie11, MC12a]. **zwischen** [Dys12a,

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Turing was convicted on charges of homosexuality in 1952 and committed suicide in 1954. The government apologized in 2009 for its treatment of him, and in 2013, Queen Elizabeth II formally pardoned him. In April, the head of Britain’s signals intelligence agency, GCHQ, also apologized, for its past discrimination against gays.”

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