A Bibliography on Pattern Matching, Regular Expressions, and String Matching

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

David Salomon
Professor Emeritus
Department of Computer Science
California State University Northridge
Northridge, CA, USA

09 May 2024
Version 1.201

Title word cross-reference

(l, d) [Tan14]. 1 [Mun07]. 2 [ASG99, BSM+07, BZ98, CR95b, KPR97, KD15,
LT90b, SHCY93, Via02, Via04]. $29.95 [Ano97a]. 3
[BSM+07, CJ93, LT90b, TCCK90]. $65.00 [Ano97b]. (1) [Sid99, Sid02]. 2
[Ram94]. 33 [BGFK15a, BGFK15b]. 4 [ZLN11]. m [Jan23]. U [Jan23]. c
[WD99]. c^n [Rob79]. D [Sid99, CGK08, CDEK95, GKP19, dRL95]. d(1)
[Sid95, Sid00]. δ [CIL+03]. ε [Gef03, HM98, HSW01, Lif03]. GREP(1) [Sid00].
K [COZ09, LVN87, ATX21, ALP04, CLZ+15, CKP+21, CW18a, CW18b,
CN21, FWW13a, FWW13b, FGKU15, GG86, GU16, GN19, GGF13, Gra15, GL89, HT17, JL93, JL96, KRS19a, KRS19b, KRS23, KVX12, LV88, NYuR15, NR17, QQC+13a, QQC+13b, WD99]. $L_1$ [LP08, LP11]. $L_2$ [LP11]. $L_\infty$ [LP11]. $L_p$ [WC14]. $\mu$ [DJ96]. $N$ [ML96a, ML96b, KST94, KWL07, KWLL08, Wag74]. $O(\text{mod} T \text{ mod } 3)$ [KKM+85]. $O((\log \log n)$ [BG90]. $O(n^2 \text{ mod } m)$ [CN18]. $O(n \text{ mod } \omega)$ [GF08]. $O(n \log^3 m)$ [CH97b]. $O(n \log n)$ [Gef03]. $O(s^2)$ [CZ01]. $\omega$ [BdFED+20, EJ23]. $\omega^n$ [Cho78]. $\omega T$ [BdFED+20]. $q$ [HKN14, KB22, KPA10, STK06, Sal12, ST95, ST96b, ST96c, ST04, Ukk92]. $r$ [Pol13]. $\rho$ [CFK07]. $t$ [Liu14]. $x$ [Liu14].


.NET [AS04, SM04, Stu07].

'08 [ACM08].


4 [Ano12, Bro77]. 40th [ACM08]. 4th [Apo93a].

5 [B+05]. 50th [IEE09]. 5PM [BEM+12, BEM+13]. 5th [CG94b, NH11].

6 [IEE01a, IEE01g, IEE01c, IEE01c, IEE01h, IEE01f]. 68 [HK77]. 6th [BGPN94, GU95].

7 [Rob99a, Rob99b]. '79 [Ng79]. 7th [DMVT13, HM96, Hwa85, Win78].

'86 [Cha86, CVP86]. '87 [ACM87, Ano87]. '88 [IEE88]. 8th [AH97].


A-DFA [BC13b]. A. [AFI98, Pet95]. Aarhus [AH97]. absence [AGH+17]. absolute [ZZJC20]. Abstract [CDL95, Gon02, HOS85b, JO97, LM02, Pre99, AG06, BC93, Chl08, CM95, GPN96, GV00, HOS85a, Pie08, Zei08].


Ada/Tcl

Adapted

Adapting

Adaptive

Adding

Addressable

Addressing

Adjacencies

Adjeroh

Administration

Advanced

Adversarial

Adversaries

Affordable

Affordable

Aggregations

Aggressive

Agrep

Ahead

Algorithm

Algorithme

Algorithmic

Algorithms
ALP04, Apo93b, AG97, ADLM01, ARS16, BYF96, Bak93, Bar84a, CMO+08, CDDM05, CX20, CLT07, CWZ10, CCG+93, CT96, CR94, CL96, DC94, DV21, ECSS88, Gal75, Gal76a, Gal84, GG13. **Algorithms** [HIEH22, HOK18a, HOK18b, HTX17, Ind98, Ju91, KB22, KN00, KM13, KM84, Lec07, MAC14, MW92b, Mha05, MM07, MR13, NR02, Par98, PDC94, PS88, QLY07, Sal12, Sch91a, Sch91b, SZ05, Tan14, THG17, Val09, VHL+12, WZ96, A+08, Len93, Ano97b]. **Aligned** [LSTW17, SN94]. **Alignment** [BLP94, Ben94, BAM24, BDFW94, HPM94, JWZ94, KK08, LPT12, LPR+08, Pol13, RND97, RFD23, CLT07, FSL15, NT20]. **Alignments** [Cha94]. **All-Against-All** [LA12, BSTU08]. **Alley** [DNM00, Nel96]. **Allocation** [VSM87, YD95]. **Allowing** [FNU02, CCF13, WM92a]. **Allows** [Man94, Man97]. **Almost** [CGPS13b, GR99, FS13, LMM17]. **Almost-linear** [CGPS13b]. **Almost-optimal** [GR99]. **Alphabet** [AFM94, ABF94a, CR95b, KR94, KRR17, KMRY20, SJNS19, TP97, AFI98, AGM05, GP92, KMR21]. **Alphabet-Friendly** [SJNS19]. **Alphabet-Independent** [CR95b, KR94, GP92]. **Alphabet-Invariant** [KMRY20, KMR21]. **Alphabets** [Bre94a, CLP98, Fre02, KT06, KST12, KR92, Ris16, STK10, Cro99b, Fre03, YHV+15]. **Alternating** [BL16]. **Alternative** [Bar81, JWZ94, AP90, Fat15]. **Alto** [IEE93, IEE98]. **always** [LMM17, LLS+20]. **Amar** [Neu10]. **AMASS** [KS99]. **Ambiguity** [MGH93, SL17]. **ambiguous** [BBM21, NdMM02a]. **American** [NEH90]. **amino** [LVN87]. **Analyses** [KPP19, WHZ+17]. **Analysing** [HH93a, HH93b, HH93c]. **Analysis** [AHU74, AR13, AJS92, BBH+87, FO76, KR92, Les95, Liu88, LS94, Med23, Nip98, Par96, Par98, SJ13, SCFC94, SP16, Sca11, SWZ01, WCE92, Yan95, ZHW+21, DSv94, AP90, Fat15]. **Answer** [KKSL01, ADT15]. **Answering** [CJR+21, KKSL01, ZCÖZ12, AL08, CDL08, CKC07]. **Answers** [GN19, Ano92a]. **Antidictionaries** [STSA99]. **Antisymmetric** [Gil70]. **Antonio** [IEE94b]. **Ants** [FR17, Joh01]. **Any** [Bur11, PW93]. **Apostolico** [Ano97b]. **Application** [AV23, GPP04, GT90, Hud89, IIE95a, IE99, IEE95b, PC99, SMD04]. **Anomaly** [GKW+10]. **Answer** [KKSL01, ADT15]. **Answering** [CJR+21, KKSL01, ZCÖZ12, AL08, CDL08, CKC07]. **Answers** [GN19, Ano92a]. **Antidictionaries** [STSA99]. **Antisymmetric** [Gil70]. **Antonio** [IEE94b]. **Ants** [FR17, Joh01]. **Any** [Bur11, PW93]. **Apostolico** [Ano97b]. **Application** [AV23, GPP04, GT90, Hud89, IIE95a, IE99, IEE95b, PC99, SMD04]. **Anomaly** [GKW+10]. **Answer** [KKSL01, ADT15]. **Answering** [CJR+21, KKSL01, ZCÖZ12, AL08, CDL08, CKC07]. **Answers** [GN19, Ano92a]. **Antidictionaries** [STSA99]. **Antisymmetric** [Gil70]. **Antonio** [IEE94b]. **Ants** [FR17, Joh01]. **Any** [Bur11, PW93]. **Apostolico** [Ano97b]. **Application** [AV23, GPP04, GT90, Hud89, IIE95a, IE99, IEE95b, PC99, SMD04].
MW94, MM03, PA10, SHS14, Sid95, Sid99, TIA90, WKR09, dLFM07.

**application-database** [SHS14]. **application-specific** [WKR09].

**Applications**

[Bak96, BM00, Brz62, CL94, DMVT13, FK16, Gia93, GV05, HSTS01, Hui92, HN05, IE94b, IE95b, IJK08, MHKR12, NR03, Pol13, Sch95, AS04, Bak93, B+07, Che96, CX20, FMdB99, FG99, FLSS93a, FLSS93b, GV00, Ind97, Jan23, KF92, RTO15, Sid00, SVM14, SR16, SWZ01, SALP20, VHL+12, WYA+07].

**Applied** [DGBH93, PDL98, DGBH93].

Applying [AK08, SdM01].

**Approach**

[ABF94a, CFM17, CCH09, Cox09, DC94, FKRV15, FL12b, GN19, IMR08, KTSA99, KS99, LP13, LN19, Lut02, NR98, NR99b, RM88, Reg92, Sha93, Tar81b, AP13, B+05, BYG92, BSTM08, BG91a, BCD14, BYK22, FS22, FMdB99, GPR95b, GW92, Goo05, HLN09, KD15, LBK08, LMS21, MF96, Mus03, dSOMY15, PP85, PSK17, SVS97, SD91a, SD91b, SSL21, Sr93].

**Approaches** [BM08, vNG01, FBMA05, MR13]. **Approximate** [Aku94, Aku95, AAK+09, AEK+11, AC01, BYP92, BYN96, BYN97, BYN98, BYN99, BCP92, BH02, BPRR02, BM00, BK93g, Bun95, CJM12, CLS+10, CL90, CL92, CM94, CL94, CCH09, CN02, CH02, CIM+02, EMC96, FPT22, FNU92, Fre96, Fu96, GP90, GIMV03, GGF13, HD80, HLS97, HT17, HM00, HHL90, HN02, HN05, IMP01, JU96, KYG19, KM92, KM95a, KST16, LSW98, LH03, LP11, LLW+15, MW92a, MW92b, Mc95, MM02, MII17, MM96, MM89, Mye98, MOG98, Nav98, NBY9a, NBY9b, NBY01, Nav9a, NRS18, OMS88, PIM01, Par96, PW95, Phi94, PP09, RN09, Sad96, STK10, ST95, ST96b, ST96c, ST04, TT20, Tak94, TU93, Ukk92, Ukk93, UW93, VD901, WR94, WM92b, WMM95, ZMA03, van14a, van14b, AGW13, BYP96, BLPL92, BFG09, CRV06, DLF+15]. **approximate** [DC94, FCLST07, FS22, FN04, HOK18a, HOK18b, HLS+11, HTX17, HFN05, Hy98, JU91, KST92, KWL07, KNT11, LV86b, LV89, LG16, LT97, LLL13, MW94, MM03, MM07, MBH20, Mus05, Mye99, Nak14, NBY99c, Nav00, NK+01, Nav01a, NF04, NC06, Par98, Sad93, SY23, SW90, TLS16, WC14, ZA17, ZD95]. **Approximated** [PW93]. **Approximately** [Cob94, KRS19a, KRS19b, KRS23, Mye95].

**Approximation** [ADLM96, ADLM01, BLP94, CM08, Huc21, LZZ13, KR95, KWL07, TU88].

**April** [ACM74, ACM84, ACM90a, AGS93e, Apo92, DMVT13, SC93, SC96, SC98, SC02]. **Arabic** [JZAA19, Kul11, Mus03, Mus05, ZA87]. **arbiters** [SMT+86]. **Arbitrary** [Nav9a, WMG09, YH92]. **arc** [GGN06].

**arc-annotated** [GGN06]. **Architectural** [CL09, GSL17, IS90].

**Architecture** [AWD+18, BYHT18, BTC06, CG87, CF85, CDC+23, HKL+14, KL02, LHCH93, LEO99, PLL08, SRV+19, TS95, VP12, ZCH23, dLBHC22, FKS06, KRL87, MM07, NNSP22, TYN186, ZV97].

**Architectures** [OWP16, TVCM12, San09]. **Arden** [LHCH93]. **area** [SV87].

**Ariel** [Han92]. **Arithmetic** [Hwa85, KP96a, MHKR12, CS22, KP96b, MP88].

**Arizona** [Ap092, ACM97a]. **arm** [NHN+20]. **Armenian** [Gue87]. **Array**
[CPW88, GHK+91, LK90, WBA83, DK13, LK88, ME97, MM07]. **Arrays**
[AOK02, ABM08, GV05, MM93, Neu10, PP06, Shi96, Bak78, CR91, DSv94, GV00, HHLS06]. **Arrhythmia** [ARM+19]. **arrivals** [SWZ01]. **Art**
[DGBH93, Kuu05, Ruc15, WDG+14]. **Artificial** [IEE94b, ZGY+16]. **ASCII**
[Pol01]. **Asia** [IEE94a]. **Asia-Pacific** [IEE94a]. **Asilomar** [CG94b]. **Aspects** [FJ92]. **Assembly** [KS99, MW92b, Sno01, FL71]. **assertional**
[PS90]. **assertions** [Jay92]. **assertions** [Har02]. **attributed** [CTF+98, Gro92]. **attribution**
[Far92a, Far92b]. **Audio** [DCM15]. **Audit** [KNMH00]. **Augmented** [OS11, SA96]. **August**
[ABB93, BGPNP94, B+02, FGR72, IEE95b, WN90]. **authenticated** [PPTT15]. **Authentication**
[RMK+14]. **Authorizing** [WSY+14]. **Auto-completion** [XQW+13]. **Automata**
[A WD+18, Ant95, Cha02a, CLOZ04, Coo72, CDPP23, DKA+15, DMVT13, DM11, EZYA23, FL12a, Ghi62, G ol93, GWX+13, GH13, GHI15, HIRS17, HU79, HU92, HNU01, HMU07, HSW97, HSW01, KPR97, KPR00, KV15, LKM23, LT16, LPJ23, Loh10, MS98, MHKR12, MHT09, MY60, Mel95, MSZ17, Moli97, MR09b, NR98, NWE97, Ned98, OS11, Pet92, RS59, RSG+19, SRV+19, SM56, SM74, She95, SSS10, Sim94, UW93, dLBHC22, BYCG94, BYBDS09, BDFED+20, BDFR08, BSR6, BT21, BH06, BK93f, Cho78, CR87, FS22, GOMSJGP08, Gef03, HW07, HM00, HR00, Kle56, Laut00, LSO17, Lei81, NR00, NWE99, NdMM02a, NK07, Pet94, Ryt89, SY72, SBR+07, SH85, THL+20, VW11, YH91, YB13, ZZH16]. **automata-driven** [NWE99]. **automata-like** [YH91]. **Automata-Processing** [AWD+18]. **Automated**
[BY92, BY96b, Bun94, CS18, Kap92, PPPdG20, Zha96, Rémi17, BY91, Bun94]. **Automaten** [SM74]. **Automatentheorie** [HU92]. **Automatic**
[BA06, BDD+14, DKA+15, DMWW77, KP93, PHXD19, RTO15, SWY75, SMS15, WKR09, Ear74, HA90, MR09a, PS93a]. **Automatically**
[CWG+07, Ku92, Mor02, SDM01]. **Automating** [Kah06, VR18]. **Automaton** [CZOdlH17, CZ01, GJ16, LY86, MOSZ18, Pru17, Ant96, BYG96, COZ09, Hur84, Lei80, TLLL07, TLLL09, ZC99]. **automaton-matching** [TLLL09]. **Automatically** [KT23]. **Auxiliary**
[CZW15]. **availability** [LLL12]. **Average** [BYR92, BLP18, BMRR919, FN04, HKN14, Mon17, NF04, SAI12, SCFC94, Bar22, CRR90, GFG11, Quo92]. **Average-Case** [BLP18, HKN14, SCFC94, Bar22, Quo92]. **Average-optimal**
[FN04]. **Avoiding** [AGM19, Fos89, Thh93]. **aware** [MBP22, WQG+07]. **Awk**
[AKW85, Dou91, Mis89a, Mis89b, Bar90]. **AWK-like** [Mis89a, Mis89b].
Axiom [Ano68, JT94]. axiomatization [HN11]. axioms [CD18].


Balancing [GL19, MM02, MM03]. Baltimore [ACM90b]. Banff [A+08]. Barcelona [LV06]. Bark’ [Gue87].

Base [IEE01a, IEE01b, ZZJC20]. Based [AOK02, AV23, BYHT18, BL16, CFP19, CD11, CZCD09, D’A98, DS19, EGP14, EZYA23, FYJ+17, FL12a, FMP20, GMAS22, GR96, GKW+10, H83, JZAA19, Kd90, KKSL01, KLV12, KNMH00, LLLC17, Liu14, LT09, LS94, Lut02, MU02, MGF97, MNR+23, Mye98, ND02, OWP16, PS10, PP06, Sa96, SF01, SvS14, SL17, TMV+01, TK07, WPKL13, WMGS19, WD09, WZU14, YC22, Yun12, AF98, Agu23, ASM17, Ano96a, ARS16, BKE18, BDMT16, BC06, Bro77, BFS00, CW13, CFCK22, CLP95, CK08, DLF+15, Far92a, Far92b, Gan89a, GN19, Gre88, Ier09, IK08, KB22, KS07, KN00, LLL12, LHCK04, Lus94, MLC08, Mye99, NE93, NRO12, PD12, PJKR14, PKK18, Rus92, SBB19, SNM+13, SZ05, SYYW19, SMW+23, THQ19, TM04, TP07a, TP07b, TPT13, TN13, TN15, VRC24, WL15b].

based [WSW16, WHZ+17, YT03, ZV97, ZZ12, ZZJC20, ZYX+12, dH05, Ano96b, NTS93]. Bases [AAC+01, B+02, Gon83, ABB93]. Batched [Man86]. Bayesian [SD91a, SD91b]. BC [LL08]. Be [Cox07, LY86, EMT23, PW93, Sch91a, Sch91b, AK90b]. Beach [HM96, CVP86, IEE97]. Beam [DMW77]. beams [NA90]. Beating [ZGY+16]. beats [THG17]. Beautiful [OW07]. Beauty [FvGM90]. BESL89. Beginning [JNS08]. Behavior [CDM11, Wei83, LYWL08].


Biology [Gus07, Lab12a, Lab12b, Val09]. Biometrics [Rei03]. Bipartite [Eke95, FS13]. birthday [FvGM90]. bisimulation [BCG07]. Bit [CF06, CHL14, GF08, HT17, HN02, HN05, KKK11, KIL10, LKM23, Mye98, NR98, NH11, RD17, TBS06, TLS16, WSVS22, ASM17, AAK+09, CL09].
GS93b, GS93c, HFN05, Hyy08, KXY12, KIH15, Mye99, NR00, SBB19.

**Bit-Coded** [RD17, NH11].  **Bit-Parallel** [CF06, CHL14, HT17, HN02, HN05, Kül10, NR98, GF08, TLS16, Hyy08, KIH15].  **bit-parallelism** [ASM17, HFN05, NR00].  **Bit-Split** [KKK11, TB06].  **Bit-Vector** [Mye98, Mye99].  **Bitcoin** [VD17].  **bits** [AEK+11].  **Bitstream** [Bur11].  **Bitwise** [KF91].  **Bivariate** [Liu14].  **biXid** [KH06].  **BIXSAN** [VS11].  **Blackboard** [DJ96].  **BLIM** [Kül10].  **Blindfolded** [EF13].  **Block** [LT97, Chr96, HFFA09].  **block-interchanges** [Chr96].  **Blocked** [FTJ95].  **Blocking** [Bon07].  **blocks** [MBH20].  **Bloom** [MA12, ZS17].  **Bluetooth** [LTL04].  **BNF** [Man06].  **board** [AAB+86].  **Body** [JM85, BWG12].  **body-worn** [BWG12].  **Bolt** [WZL+23].  **bounds** [PS89].  **BonXai** [MNNS12].  **Book** [Ano97a, Ano97b, Ano12, Gue87, Hig95, Hum97a, Hum97b, Neu10, Pux97, Sal01, Tal81, Uma97].  **Bookshelf** [BF97, Lut02].  **Boolean** [SJ13].  **Boomerang** [BFP+08].  **Boost** [BBvdM21].  **Boosting** [CDL+15, LLW+15].  **both** [JDXD13].  **bottom** [BDB90, CPT92, Cha87].  **bottom-up** [BDB90, CPT92, Cha87].  **Bound** [BG92, GK86, Les94, BCKM15, BG91b, GZ10b, Ind98, Li10, LP08].  **boundaries** [SHS14].  **Bounded** [Dur94, LLCC17, NR03, SD95, BF96, CR95a, FK96, KNT11].  **Bounds** [CM08, Col94a, CHP95, CH97a, GG91, GG92, GH95, KS94, BCT93, CJPS13, Co90, CH92, SASU13, Shi97, SV87].  **boxed** [CNS18].  **boxed-mesh** [CNS18].  **Boyer** [Tal81, AR13, AG86, BYR92, BYCG94, BYBDS09, BPMA02, Ber00, BKM95, CFG12, Col90, Col94a, DR06, EMC96, Gal79, Gol90, GO80, HA90, Kau92, KP96a, KP96b, KBN90, KUN95, LEC92, Men89, NT05, Pie95, Ral92, Rus85, Rus92, Ryt80, STK10, Sch88a, Smi94, Sto02, Tak96b, TU93, TJMC20, WW03, WW93, Woo86].  **Brain** [TMV+01].  **brains** [Joh01].  **Branching** [Dur94, BK86].  **Bridging** [BG90].  **British** [AM92d, ACM92b, MG94].  **Browser** [NTS93, V11].  **Bruijn** [Sri88].  **Brute** [GHK14].  **Brute-force** [GHK14].  **BSR** [Sto96].  **BST** [SCFC94].  **BUFFERS** [Du82].  **bugs** [WBS22].  **Building** [BC06, GKH+91, SK17, DF00].  **Burrows** [Neu10, ABM08, DGG+19, ZMAB03].  **buses** [KRL87].  **business** [BJK+12, FvGGM90, PJMR14].  **buts** [Edw07].  **BWT** [AMB+02, BPMA02, FBMA05].  **BWT-transformed** [AMB+02].  **Bypassing** [PLT14].  **byte** [TMK+02].
[Jon07, MCP17]. Call-pattern [Jon07]. calls [FF08]. CAM [WSVS22].
Camera [LT90b]. Can [Cal00, Cox07, DKA+15, JGMP22, Sch91a, Sch91b].
Canada [ACM92d, ACM94d, ACM08, A+08, GS00, LL08, MZ07, Lev95, MG94].
Candidates [MUHT96]. Cannot [JL96, LY86, PW93, EMT23, GGL94, JL93].
can’t [LLS+20]. Capabilities [Cal00, Fri97b]. Captions [GR96]. Capture [Sch22].
Capturing [MCF+11, MCF+14]. Car [KK02]. Care [Aku94, Aku95].
Cares [BL94, CEPR10, KR97, MBY91, NR17]. Carolina [ACM93a, IEE89].
Carte [TL12a, TL12b]. Cartesian [F+23]. Cascaded [GC01]. CASCON [BGG+94].
Case [BLP18, CCL87, FTJ95, Gal79, JM85, PV91, Shi92, Bar22, BG91a, BGWXP22, Du82, Feb01b, GF08, HKN14, KT90, Pep91, Quo92, SCFC94, SKS96]. Cases [ALLL98a, ALLL98b, BAC06, PPPdG20].
Categorical [LT90a, TG96]. Categories [KST12]. Character [Car77, CLP95, Dav73, HZ13, HH93a, HK77, MBP22, MR11, NR03, TMD+02, TJD+17, Wol86, CT96, HH93b, HH93c, LS09, Per94, Vin77a, Vin77b].
CIP-Project [BW91]. Ciphers [PP06]. Circuit [IMM+22, PM78, TT20, ADM+13].
Circuits [Brz64a, Brz65, FU82, GHKL18, KBB01, Pie95]. Circular [CKP+21, CHL14, HTH17, LA12, Boo80, HOK18a, HOK18b]. cities [Joh01].
ClamAV [OPW16]. Class [CGS17, EU98, Kin92, Ku11, SA96, Sch12, Sch13, BAC06, BRO16, CRV06, Kod79, Pie08, Wal89]. Classes [HHW+99, NR03, Lei85, LS09]. Classic [HST99, RB05, MAC14].
Classification [Bon07, BYHT18, Lee91, TD18, WZJH12, XPZ+23, LMT16, TZH+13, WXZY12]. Cleaning [FKR16, QTO+20]. Clients [CDM11].
[CFM17, CDM11, SOR16, KLL23]. cloud-edge [KLL23]. clouds [SCF+17].
cluster [MM03]. Clustering [CZW15, LSTW+17, WMGS19, KAT07].
Clustering-Based [WMGS19]. CMA [ZL18]. Co [CDPP23, CA18, CA20].
Co-lexicographically [CDPP23]. Coarse [FL99, TTO+22].
Coarse-Grained [FL99, TTO+22]. Cobol [HHW+99]. Coconut [AK09b].
codata [TCP16]. CODE [BY91, AGT89, Cox12, Fra83, GFH82, GHF83a, GHF83b, Gie90, ND02, RTT02b, SED14, VSM87, WHZ+17, WNL+83, ZWH+21, AG06, BDB90, BY92, BY96b, CLS95, FHP92, Gan89a, GHS82, HV93, MSRR00, MR82, NAR08, OW07, Rémi7, UIM22]. code-generator [FHP92]. Coded [BG95, Chun95, RD17, BC95, NH11]. Coder [MP88].
Codes [YK11, Bra90, Mei08]. Co(inductive) [HN11]. Collage
[IST05, KMT+01, KMS+03]. Collections
[Nav21b, Nav21a, BC13a, CHLS07, CMRV10, FGG+08, HAI02, WL15a].
Colony [ACM83]. Color [Hui92]. coloring [FS13]. Columbia
[ACM92d, ACM08, MG94]. Column [SP16]. Com [Lia84]. Com-puter
[Lia84]. Combating [KEG+08]. Combinations [Kmu05]. combinator
[Sta89]. Combinatorial
[Ano17, BM08, Cro92a, GIMV03, Mei08, SLTB+06, Val09, WCM+94a, WCM+94b, CDDMD05, HLN09, PPPdG20, AL01, AP10, Ano92b, Apo92, Apo93a, AH97, AT02, ACP05, BYCC03, CG94b, CF98, FL08, GU95, GS00, GM11, HM96, KS12a, Ku09, LV06, MZ07, PC99, SMD04, Lab12a, Lab12b].
combinators [LT90a]. Combining
[Ber00, JA17, JX-A20, HBRV10, NR00, THQ19]. Command
[Roo99, YC22, Blu08]. Command-line [YC22]. Commands [Lud77].
Comments [Akl78, ZZ12, Gro91a, THQ19]. commerce [ZCT14].
COMMERCIAL [BY91, BY92]. Common
[Alc94, ACR20, F+23, FR17, HIRS17, IF94, KRS19a, KRS19b, KRS23, LJZZ13, DK13, FGKU15, Gra15, Maa06, Mi98, MBH20, Ron21, TU88, TTO+22, Mu 95, MuT95, Mun95].
Commonwealth [ACM89]. Communication
[Ayc15, Bao93, HRN+15, HSL10]. Community [LYT+23, LGZ+14].
Commutative [Eke95, HY92]. Compact
[Asp12, HAR10, NR01, RC79, YP12, ZZH16, BFC08, DGM19].
CompactDFA [BBHK14]. compaction [NE93]. compaction-based
[NE93]. Comparative [JM85, MSZ17, PSK08]. Comparator [Bur84, Bur82].
Comparing [Hoc19, Hua94]. Comparison [BCT98, JTU96, Lav91, de 82, Bar84a, BCT93, CT96, ECSS88, FBMA05, HA90, KB22, SVS97].
Comparisons [Bre93, CL92, GPR95a, Liu86, Bre96, PW06]. Compatible
[Anoxx, LT09]. Competitive [DV21]. Compilation
[FU82, KUTU87, Ses96, AP90, Dan91, HF13, KGP+05, Sch88b]. Compiler
[AJ89, GFH82, Pet92, vNG01, CGZ+13, FKS06, HWF90, Jér92].
compiler.kit [Abb77]. compilers [BGNP94]. Compiling
[AU72, AU73, PS93b, Sch99, GHR+16]. Complement [GN12, Rob79].
Complete [A69, BBH + 87, Pet02, Sch14, Kin91]. completeness [TCC91].
Complex [Gor00, ZL18, LG16, LR14]. Complexité [Alb89]. Complexity
[ABBH + 16, BKL97, BKL + 02, BDFW94, BCT94, BCT98, Col94a, CHPZ95,
CH97a, EZ74, EZ76, EMTG23, FMMS20, GG91, GG92, GK86, GH15, Hei01,
HK11, HST01, KHL16, MNS10, Mor83, NRS18, Prü17, RS98, Ale89, AK12,
Bar22, BDM19, CGK90, CM90, CH92, CGG90, CS22, FCFM00, FKH96, Hun79,
KS07, Lei81, LM12, LM13, LMM16, Mag81, Man76, NF04, PS89, PAG09, Sal12,
Via04, XH23, Yao79]. components [CFM00].
Composite [XK92]. composition [AGH + 17, SV09]. Compositional
[LN19, GJS20]. Comprehension [BL + 94]. comprehensions [SVMM17].
Compress [GH82]. Compressed
[ABF96, BR09, BA16, BKL97, BKL + 02, BGS23, CHLS07, CLS + 10, CHP92,
FT98, FV16, FT04, GP01, GP03, Gaw12, Gaw13, GV00, GV05, IST05, Jez15,
KTS99, Kid09, KS05, LSW08, Loh10, Man94, Man97, MHT09, MHH + 01,
NR99b, Nav01c, NM07, Nav11b, Rao95, RNM09, STSA99, TKM + 02, YK11,
ZMDS93, ABF94b, BCD98, BPM02, BFG99, BBK12, CP97, FT95, FGG + 08,
GR99, GO12, HHL06, KTS + 98, KMS + 03, NKT + 01, NT05, SNZB00, SLZ + 20,
SMW + 23, TM04, TM05b, TM05a]. compressible [BFK09]. Compressing
[WL15a]. Compression
[ABM08, BC13b, BK93a, CW84, FG98, GS85, How97, LS94, Man94, Man97,
Neu10, RPE81, RT17, SAD96, SKF + 00, SC93, SC95, SC96, SC98, SC99,
SC01, SC03, SC04, SC05, SM09, SM10, SM11, ASG98, AGS96, BFP10,
Cha93b, CDC96, CL96, How96, Lar99, OW03, QZC17, RLT02a].
COMPSAC [IEE95b]. Computable [KT23, EH88]. Computation
[Bro93, CO90, Cha86, HU79, HMU01, HMU07, Hua98, Lev95, Ng79, Rao94,
WN90, CCI + 13, Far19, Han02, Maa06, NHH + 20, NA90, PS93a, QZC17,
SY23, SAS01, Sid00, Tak96b, YT03, ACM94b]. Computational
[Gus97, Lab12a, Lab12b, Tal81, HIN11, Val09, Via04]. Computationally
[HT14]. Computations [FKP77, CR91, NEH90, Pra97, PCS99]. Compute
[MR11, MS95]. Computer [ACM89, AHU74, Bao93, Cop91, FJ92, Gus97,
Hea71, Hwa85, CV986, IE989, IE990, IE992, IE993, IE995a, IE995b, IE997,
IE998, IE999, KL02, Knu05, Kli10, RJK79, Ruc15, SS93a, Coo86, Fat15,
II09, Ker04, SS94, VVV04, Win78, iA94, KP15]. Computer-Recognized
[RJK79]. Computers [FL99]. Computing [ACM69, ACM74, ACM76,
ACM81, ACM84, ACM86, ACM90b, ACM91, ACM92d, ACM93b, ACM94d,
ACM95c, ACM97c, ACM99b, ACM00, ACM08, An013, BGK + 16, CzoH17,
CFM17, CZ01, Cha94, DT87, DGBH93, FYJ + 17, Fra20, HM98, HM87,
ISNH94, LK90, Rot91, RW10, WO10, BNGP94, BC95, IP96, ILK88, ZY + 15].
Concatenation [CGS17]. Concave [KM92, KM95a]. Conception [Hud89].
Concepts [BG01], Conceptual [BK75], concise
[BNSV10, NdMM02a, Yod91], concrete [J89]. Concur [SBF80].
Concurrent [GR92, Pe87, SBF80, BFN + 09, Gol90, JM90, Rus92, YTO3].
condition [Han92, KT90]. Conditional [DJ96]. conditionals [Edw07].
Conduct [NCKL14]. Conference [ACM89, ACM92c, ABB93, AGS93e,
Ano87, AAC+01, AOV+99, Bao93, B+02, Bun94, DMVT13, FMA02, CVP86, IEE94a, IEE94b, IEE95b, Kap92, KP15, MG94, NH11, SW94, Sto92, SC93, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SC04, SC05, SM09, SM10, SM11, USE92, DT87, HF13, ACM79, ACM76, ACM81, ACM92a, ACM93a, ACM94a, ACM95a, AGS93a, AGS93b, AGS93d, AGS93e.

Conferencing [Sch95]. Configurable [ACF05]. Configuration [Sch95].


Constructability [Kar82]. Constructing [IY02a, IY02b, Lei80, JRV94, TU88, TTHP05]. Construction [BP63, EJ23, McC76, MOSZ18, BH96, FCFM00, Kos94, Mei08]. Constructions [Ant95, MSZ17, Ant96, Che96]. constructive [Tak96a]. constructors [MME14]. contact [KD15]. Containing [HJ99, CFM00, FSL+15]. Containment [FLS98, CDL08, HN11, SH85]. Content [PF12, Agu23, LMT16, MLC08, TLLL09]. content-based [MLC08]. Context [CK02a, Haz01, Hua94, Kewa91a, SBH94a, KGA+12, Mye95].


Corasick [CW13, NK07, PLL10, RKM21, TM05b, TZH+13, TVCM12]. Core [LY17, TLC15, JA17, JXA20, MAC14]. Cores [LSTW+17]. corpus [IIK08, I08]. corpus-based [IIK08, I08]. correct [Ryt80]. Correcting [Kuk92]. Correction [And02, Bur84, IOK18a, JP73, KRS19a, KRS23, RJK79, Wag74, BSY00, Mae90, MS95, TIAY90]. CORRECTNESS [By91, Sto92, BY92, SBR+07]. correlated [SWZ01]. Correlation [KC99, Sha93, WZJH12, PPZ08]. Correspondence [BYKZ+92, Spi99b].
corresponding [Lif03]. Corrigendum [FLSS93a]. Cortical [TMV+01].
cosine [TP07a, TP07b]. Cost [KLL23, WZL+23, SASU13]. Cost-Efficient
Counter-Based [WPKL13]. counterparts [BdFED+20]. Counters [LT09].
Counting [CGS17, GGM12, CGPS13a, Gel10, Nic03, THL+20].
counting-set [THL+20]. coupling [All89]. course [GHR14, HR00].
coverage [GJS20]. Covered [Yun12]. Covering [BNV+13, CASS13, SASU13].
covers [IP96, MS95]. Covert [HL10].
CPE [AL01, AP10, Apo93a, AH97, AT02, ACP05, BYCC03, CG94b, FC98, FL08,
GU95, GS00, GM11, HM96, KS12a, KU09, LV06, MZ07, PC99, SMD04].
CPU [LLC17, ZCH23]. CPU/GPU [LLC17].
crash [GHR14]. crash-course [GHR14]. CRCW [Apo93b]. CRCW-PRAM [Apo93b].
CREW [dB93]. Critical [Lut02]. Crochemore [Bre93, Bre96].
Crochemore-Perrin [Bre93, FTJ95, KNS12, Sha93, LG+14]. Cross-Correlation [Sha93].
Crowd [CDL+15]. Crowd-Sourcing [CDL+15]. Cryptanalysts
[GS93a]. cryptography [DA18]. CS3 [Kah07, Kah09]. CS3/CS4 [Kah09].
CTRL [MMDdJ11]. Cube [ML96a, Dow91, ML96b]. Cubes [CR95c].
Cuckoo [TK07]. CUDAs [KMM15]. curly [HSW97]. curve [SA77].
Curved [LT90b, NA90]. Curves [HHW+99]. Custom [Han01, Vol12]. Cut
[AM97, Lud77, CK04]. CVPR [CVP86]. Cycle [KK95]. cycles [Ste12].
Cyclic [KPP21, Mae90].

D [SHCY93, ASG99, BSM+07, BZ98, CJ93, KD15, LT90b, Mun07, TCC90, ZLN11].
D-pattern [ASG99, KD15]. DAGs [ZZ12]. daisy [SMT+86].
Dallas [IEE95b, NEH90]. Damaged [SP16]. Dark [Hum99].
Darmstadt [GS93a]. Data [ABM08, AAC+01, BLIW12, B+02, BGNV10, Bon07, CW84,
CMNP17, DT87, EF13, FG89, FO76, FBY92, FMA02, FMYG23, Gia93,
GG97, GUS85, Har02, JDXD13, KM94, LSW08, LKL02, LM01b, LMV16,
LS94, MBP22, MMS14, Neu10, PYY19, Pre99, RPE81, Sad96, SD95, Sld78,
SW94, Sto92, SC93, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SM09,
SM10, SM11, SOR16, TV14, VMML15, WCM+94b, YDBB15, ABB93,
AL08, AM16, BGHZ15, BFP+08, BFS00, BC93, Chat93b, CDC96,
CDP16b, CD96, FG95b, FG99, FGMC02, GS22, GW92, GS93b,
GS03c, GPN96, GRS12, GS06, HN90, HSL10, HH16, HF13, JO97, JD89,
Kra08, Lar99, LWS+16, LRV13, LT15, MRA+17, MF96, MRR+18, Ni90,
ORPF13, OR11, OSSK16, PJ+18, PM14, QTO+20, RW93, RM06].
data [SMS15, SG16, SMW+23, TSI13, TG96, VR18, Wad87, WCM+94a, ZBST14,
SC04, SC05]. Data-Parallel [VMML15, MMS14, GS93b, GS93c].
data-parallelism [RW93]. Database
[ACM93, ACM49a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a,
ACM06, ACM07, CCL87, HF13, HAL02, LHMH91, LL08, MNP+23, SK17,
Determining [ZZJC20]. Determinism [GGM12]. Deterministic [BGNV10, BKW92a, BKW92b, BKW92c, Coo72, FS19, GZ94, GMS12, Ind97, KV15, LY86, Nag21, Ned98, TLLL07, VW11, Vis90, Vis91, XLC19, BS86, BMM21, CDLM17, GHR+16, GM17, Lau00, LMN16, NdMM02a, SV09].

develop [DV21]. developers [LS99]. Developing [MNNS12].

Development [JLHB92, LHCH93]. Developmental [YCJK08]. Developments [PV91, OKT92]. Devices [HAR10, Sym85, CMS08, Pet07].


Diagnosis [SL17]. Dictionaries [Bre94a, Owo93]. Dictionary [And02, Bre94a, Bun95, Gue87, KV99, KS11b, KS12b, AF92, DLF+17, SMW+23].

differentiation [PS93a]. Diffusion [CZCD09].

Digital [AGS93a, AGS93b, AGS93d, AGS93c, JRV96]. Digitized [LV94]. Digree [SK17]. Dijkstra [FvGGM90]. dimension [Bak78].

Dimensional [ABF94a, ADLM96, BYN97, BKLP97, BL95, CDEK95, CL95, CHLT14, CR92, CR95b, CGPR95, CHG+98, CIK98, FGR+98, FNU02, GPP04, Gia93, GG95, GG97, HEWK03, HW12, KPR97, KPR00, KU99, KR94, Les79, Les95, Par96, Pru+17, ZT89, AK08, AF92, ABF94b, ABC+04, AKT06, AGM05, ADLM01, BRY93a, BYR93b, Bir+77a, CGK08, CR94, GP92, MVL09, JKN00, KM13, Mid96, MPW21, NBY99a, Par98, TTT83, WC14, XML11].

dimensions [CCG+93, dRL95]. Directed [Fv95, Fu96, Fu97, Gud92, Kor83, BO13, Dan91, Fil21, Nil90]. Directly [Man94, Man97].


Discontinuities [Lee91]. discourse [Kit94]. Discovering [LSTW+17, LSWP19, SW93]. Discovery [CLST+13, VGO1, WCM+94b, MP05, TS13, WCM+94a, WZ95].

Discrete [ACM97b, Gim73, KB99, Nak14]. Discrimination [KC87]. Disease [TMV+01]. Disease-Specific [TMV+01]. Disjoint [LS10, YD95].

Disjunctive [HR03]. Disk [JDXD13, WHZ+17]. Disk-based [WHZ+17].
disordered [CGM10]. dispatch [MFRW09]. dispatching [FMd99].

Display [Rei77]. Display-Oriented [Rei77]. Distance [BCP02, CZOdH17, D’A98, FMP20, KS94, Md23, Ris16, RKOH2, TT20, ZC09, AEP06, AK12, AD11, BC95, CM07, EHS8, GF08, HK914, HOK18b, Leu07, PPZ08, RTop91, SKS96, TSH13, ZXL+13, HOK18a]. Distance-join [ZC09].
distances [AAB+09]. Distorted [VB98]. Distortion [KC87]. Distributed [AYS+24, ASA17, BYNTK21, CPW88, IMR08, ML96b, NCKL14, PSP+18, SK17, TVCM12, ZLN11, AC93, DSV94, FW12, HRN+15, HFFA09, LQL+16, LLC03]. Distributed-Memory [TVCM12].
Distribution [MR11, YJ84]. divergent [Sid95]. Diversified [FWW13a, FWW13b]. Divide [KD15, SW12, SHCY93].


DNA [BEL17, CLST+13, CN21, HAI02, IMR08, KYG19, KB22, LSTW+17, MT14, NEL17, RLP20, TP97, YT03]. DNA/RNA [IMR08].


Document [ABMN20, BK93b, BKW92d, DS19, FKRV15, FRU+20, KNS12, LMNT16, All82, Arn93a, Arn93b, BK93d, BK93e, KRML09, WZS95, WCW82].

Domain [CF85, CDC+23, GÁSÁ+13, PIR17, SKS96, SHvR+16]. Domain-Specific [CDC+23, SHvR+16]. Donald [Neu10, Ruc15]. Done [LY86].


DRexX [ADR15]. Drive [KK02, BC06]. driven [BCD14, FWDL15, GHSS82, Mus03, NWE99, Sak21, TJG+22]. Drosophila [YCJ+08].

DSL [BCD14]. DSL-driven [BCD14]. DTDs [BNSV10]. Dublin [ABBA93]. Duration [XJT+04]. Duration-constrained [XJT+04]. during [Sch81].

Dynamic [AGT89, ALLS07, ACR+20, BSM+07, BFN10, CWL+21, CL95, Mye98, Sch95, WBA83, ZLN11, ADM+13, BD98, CHLS07, CGM10, FG95b, FhDAP09, HSL10, JSH09, KT14, LYWL08, Mye99].

Dynamics [JM85, MSP+17].


Edge [FS13, BYK22, KLL23]. edge-centric [BYK22]. Edge-coloring [FS13].

Edinburgh [AOV+99]. Edit [CZoDH17, JZW94, Med23, RKH06, AEP06, AK12, BC95, CM07, Len97, LT97, QWX+13, SKS96, ZXL+13]. Edited [Ano97b]. editing [DOS93].

Efficiency [ALR08, San15]. Efficient [AC75, ACR01, ALV92, ALLL98a, ALLL98b, Apo93b, BKE18, BDB90, BC13a, BA15, BC13b, Ben94, BHI+87, BYHT18, BT21, BYK22, Bra94, BC94, BG95, CF06, CCF13, CFP19, COZ09, CRG02, CDDM05, CCI+13, CLT07, CGPS13a, CDC+23, CR95c, DA18, DGG+19, EMC96, FMP20, FMMS20, FRU+20, FT04, FM06, GC01, GP01, GP03, Gaw12, GLS07, GWW+23, Gon83, GM17, GNAS22, Gue90, GZ10a, GS06, HHM+13, HIL10, HH16, HW12, KR81a, KR81b, KR87, KRS97, KS94, KT14, KKK11, KRR17, Kos89, LV86a, Laut01, LP13, LKL02, LTL04, MK90, MHT09, MOSZ18, NHH+20, NWE99,
NdMM02a, NK07, Owo93, PAMP12, PDC94, QLY07, SRV+19, SRK20, SA96, SOR16, SvS14, SWW+12, SLZ+20, SMW+23, TZYH14, TJGY22, WZL+23, XQW+13, Yun12, ZJP+18, ZXL+13, AB09, Aoe89, CPT92, CRG03, CLZ+15.

Efficient [CW13, CD96, ESL89, FNP09, Fil21, FHP92, GPR95b, GL89, GLS92, LV86b, LVN87, Lee82, Maa06, MRA+17, NAR08, PLL10, QWX+13, SY23, TJY+17, YKGS11, YB13, YHV+15, ZCT14, ZYQ+15, ZKA12, ZYX+12]. Efficiently [ADR15, DF00, ADM+13, Kim99].

Effort [LG16].
ergrep [Woo87].
Eighteenth [ACM86, ACM99a]. Eighth [ACM97b, B+02, ACM76]. Einführung [HU92]. Elaborating [CA18, CA20].

Elastic [BGP+22, BPPR20]. Elastic-Degenerate [BGP+22, BPPR20].

Electron [DMWW77]. Electron-Beam [DMWW77]. Element [MGH93].
Eleventh [ACM92b]. eliminants [AS85]. Eliminating [CDP16a].

Elimination [Han13b, CK04]. Eliminating [CDP16a].

Einstein [HU92]. Elaborating [CA18, CA20].
[AAK+09, AAB+09, BLLP90, CEPR10, KNT11, San95, WM92a]. ESA’93 [Len93]. Espoo [GU95]. Essential [KPP19]. essentially [GHK14].

Essentials [Bal15]. Estimating [TP07a, TP07b]. Estimation [CZW15, KB01, KC87, JKNS00, KS96, STKD20, TCCK90]. Euclidean [GK86]. Eugene [Hi95]. EUODHILOS [OSM94a, OSM94b, OSM94c]. European [Len93].

EUROSAM [Ng79]. EUUG [Ano87]. Evaluating [ADR15, FLC+19, RSG+19, SSSS10, LM12]. Evaluation [BC13b, Cha02a, D’A98, GL01, Reg92, Ses96, VB98, YJ84, ADR03, ADR06, BS00, Chi17, CD99, DR06, Hur84, Jay92, KEG+08, MRA+17, MM03, PSK08, Smi91a]. even [LR14].

Event [CvW18, SGCW14, dH05, CK08, LG16]. Event-based [dH05]. event-processing [CFCK22]. Examples [BDD+14, Bra94, BC94, KK08, GHS12, Kod79, LSO17, SG12, SG16].

Exchange [RMK+14, AL08, HSL10]. excluding [MBH20]. EXE [CGP+08].


Expect [Fr97b]. Expected [CZOdH17, KU99, CL90, Sch88a]. experiment [GHS82, Rus85]. Experimental.[Acr91, GIMV03, HBRV10, Lee95, JFL14]. Experiments [Lec98, MNS84, Smi91b]. Expert [LYT+23, WSS94]. experts [B+07].


explosion [PLT14]. expressibility [tC09]. Expression [Anoxx, Asp12, BC13b, Bon07, BTO06, ZC01, CJBW16, CKW09, Cox07, Cox09, Cox10a, Cox12, Dav99, EU98, FC04, GJ16, GRS99, Gib21, GoI93, Han13a, Hol84, Ier09, JLLK+20, KM92, KM95a, KN12, LKM23, Lee09, LT16, LN19, MPN+14, Mye92, MOG98, NR99a, NR01, Nav01c, Nav04a, NR04, NR21, NH11, OS11, OW16, PPA10, RD17, Ric79, Sab76, Sca11, SD95, SM99, SvS14, SL14, SL17, VCS+12, WPKL13, WMM95, YP12, YQW+16, ZCH23, vNG01, AI18, Agu23, BAC12, BvdM17, BBvdM21, BFC08, BFG09, BG22, BFS04, BH07, COZ09, CJBW13, Chi17, CLT07, CGPS13b, CS11b, Cox10b, CS22, DF00, FGD+11, Fgl21, Foss89, Goo05, GHR14, HN11, Hos06, HVP00, HP01, HP03, HVP05,
expression [NT20, ORT08, ORT09, PIR17, PLT14, PCS99, RTO15, SJ13, SCF^+17, Spe85a, Spe85b, Stu03, Stu07, SSYW19, SLZ^+20, SMV^+23, Tho68, WXZY12, WL15b, WBS22, WW03, WR15, Yam19, YKGS11, YCJ08, YB13, ZZH16, Zia96, ZC99, ZYX^+12, dLFM07]. Expressions [ARM^+19, AM91, Ano68, Ano12, Anoxx, Ant95, ACT10, Bac94, BDD^+14, BR20, Bee13, BF97, Ber00, BGNV10, Bra94, BMNR19, BK93b, BKS92d, Brz62, BP63, Brz64b, Brz65, CDLV99, CDLV02, CN99, CSY03, Cha01, Cha02a, CLOZ04, CJM15, CGR02, CHP92, CC97, CGS17, CDC^+23, CDL95, CDL99, Dav03, Dav04, Dav21, Dav22, DM11, FLS98, FU82, Fri02, GHHJ18, GGM12, GN12, Ghi62, Gin67, GH13, GH15, HHM^+13, Hab04, HM98, Ham88, HW06, Han13b, HJ99, Hir96, HK11, HSW97, HSW01, Hum99, IY02a, IY02b, KT06, KU17, Kea91a, KP99b, KP99c, Kin92, KMMRY20, KV15, KZ02, KST12, LS99, LS06, LHZ98, LM01b, LT09, Loh10, Mad01, MNS10, MY60, MSZ17, MR09b, MPdS12, MGF97, NM10]. Expressions [Org03, OF61, Pak94, PM78, Pat71, Peo02, Pik06, Pre99, Ray96, Rez92, SA96, Sch99, SSSS10, Sou99, TV14, TB00, Uma97, Urb23, VHC88, Wen93, WZU14, XK92, XLC19, Yam01, YPG21, ZGS^+15, ZJWL20, AFI98, Ano97a, AGM05, AM95, Ant96, AOMC07, ACM02, ADU16, BCG07, BYG96, BRL13, BDAD^+20, BTGS83, BG91a, BDFR08, BvdM23, BS86, BNSV10, BM21, BK86, Bra95, BK93c, BK93d, BK93e, CDR03, CP97, CX20, Cho78, CK02b, CK08, CGPS13a, CDLM17, DL03, EZ74, EZ76, FL71, FHW10, FS19, Fri97a, Fri98a, GLRA11, GR92, Gef03, Gel10, GL03, GL12, GS07, GH14, GMS12, GM17, GHO9, Gue90, HW07, HY90, HW03, HS94, Hoc91, Hov12, LN00, Jan85, JSH99, Joh69, KF96, KR22, KRP96, KGA^+12, Kin91, KMMR21]. Expressions [Lar98, Lau00, Lau01, LSO17, Lei81, Lei85, LWS^+16, LT15, LR14, LM12, LM13, LMO16, Lus94, Mag81, MMDdJ11, Mor02, MZZ10, MM89, Nic03, PHX19, PC02, PM23, PIT^+03, PPDG20, Pra97, RT18, Rob79, Rom14, Ryt89, Sak21, San15, SMM15, Sha88b, SY72, SH85, SM04, Stu07, ST19, STM^+86, TN13, TN15, UIM22, XH23, XJT^+04, YH91, YH92, tC09, Hum97a, Hum97b]. Expressive [AGP18, BLLLW12, HS08, MFRW09]. Extend [Cal00, dLFM07]. Extended [Ano68, BK93b, CTF^+98, Gon02, HY90, HL97, KV15, KZ02, NR98, SVS14, Yam01, YH90, YH92, AM95, BK93c, BK93d, BK93e, CM95, GV00, JM93, RT18, Rob79, SMM^+86]. Extendible [vNG01, MKSIA98]. Extending [AS04, DJ96, Jan85, Kea91a, MSR00, PMS11, WLF14, Bak78]. Extensible [BAC06, SNM07, BFN^+09]. Extension [Lin86, Kan92, SNM07, MMDdJ11]. Extensional [DRW95]. extensions [Mis89a, Mis89b, Wea94, WKR09]. External [GIK97, FG95b, FG99]. extracting [BGHZ15]. Extraction [FKRV15, FKR16, HHM^+13, KT23, Kea91a, BDMT16, BT21, DLF^+15, FKR13, Kt94, KLR^+08]. extractor [Agu23]. extrapolation [Sid95, Sid99, Sid00, Sid02]. extremely [AK08].
F [Ano97a, JGMP22]. FA [CKW09]. faces [KSWC93]. Fact [LSWP19].
Factor [ACR01, CFP19, YQW+16, Bj693, BH96, HM00, KW05]. factored
[Gue90]. factoring [DRSS96]. Factorization [KKP16a, KKP16b].
Factorizations [DW17]. FAdo [MR05]. fails [EMT23]. fairness
[MMSdJ11]. Fall [KOI94]. Fall-in [KOI94]. False [Mut97]. Fascicle
[Knu05]. Fast [ADR03, ADR06, ATX21, BYP92, BYKZ+92, BYR93a, BYR93b, BYP96,
BYG96, BYN98, BD00, BLP18, BC13b, BS97, BGP+22, BFC08, BAM+24,
BM77, Bre95, BL16, BFK+03, Bun95, CLP98, CR95a, Chu95, Coh94, CP10,
Cox07, CCG+99, FL12a, Fen01a, FNU02, Gal76b, GS00, Gia93, Gil85,
GWX+23, HAR10, Hor80, HS90, HS91, KBB01, KST94, KKS01, KMP77,
KMP94, KX12, KNM00, KRML09, LV88, LV99, Lec07, LT16, LCL06,
Man94, Man97, MlU10, MNS84, Mon17, Mye98, NR98, NBY99a,
N99a, NR00, NR01, NR03, Neb06, Nei96, Ott94, OM88, PPA10, Quo92,
Ris95, RLP20, Sen00, ST96a, SNZBY00, Smi91b, Sun90a, Sun90b,
Tar81a, Vis91, WM92b, WM92a, YKS+91, ZS17, Zha17, ZCH23, AK08,
AG84, CDC96, CNPS15, CCG+99, Coo89, Der95, DM94, FGG+11]. fast
[IHEH23, II86, KW19, KTP10, LHCK04, Mye99, NBY99c, Nav01b, PS90,
RM06, RW10, SW90, Tak93, TLLL09, Vis90, WL15b, dBB08]. Faster
[ASM17, ALP04, AKT06, BYN96, BYN99, CH02, DGM90, DGM94, Fre02,
GZ94, HN92, Ind98, Jez15, LS09, Men89, NKT+01, SB09, WT89, FCLST07,
N93, WTT8, Yam19]. Fastest [Col94b]. fault [BKLE18, BG91a].
fault-tolerant [BG91a]. Feasibility [HTK+21]. feasible [ATD07].
Feature [Bac94, TBD22, Taf22, WSW16]. Features [OWP16, LR14, Moo12].
February [ACM89, DGH93]. federated [KLL23]. feed [MA12].
feed-forward [MA12]. Feedback [DKA+15, Joh95]. few [CEPR10, NR17].
FFT [SZ05]. FFT-based [SZ05]. Fgrep [Ash85, KBB01]. Fibonacci
[IM97]. field [WSW16]. fields [CRV06]. Fifth
[ACM06, ACM93b, AOV+99]. Fighting [ZGY+16]. File
[IK83, Man94, Man97, ZJP+83, All82, KCK93]. Files
[ABF96, BH85, BBH+87, Man86, Pol01, TMK+01, ZMSD93, Ayc15,
CEMW91, TM05b, TM05a]. Filling [LJJZ13]. Filter
[CCH09, F98, KNM00, CMS80, ZC89]. Filtering
[BAM+24, GMAS22, KVX12, KRML09]. Filters
[WZJH12, ZS17, Hos06, MA12]. Filtration [PW95, ST96b, ST96c, LLL13].
Finder [NTS93]. Finding
[ATX21, ALLT11, Ben94, Hig86, Iba97, KS11a, KF91, Man75, PRU11,
RVV23, VB98, ZD95, BD80, GHST17, LMM17, Lee82, Yam19]. Fingerprint
[DS19]. Fingerprint-Based [DS19]. Fingerprinting [LZ18]. Finite
[Ant95, Bow87, CZOdH17, CLO04, CM48, Cho78, FG59, GHKL18, Gli62,
Gol93, GH13, GH15, HSW97, HSW01, JA17, JX20, KPR97, KPR00, KV15,
LY86, Me95, Pet92, RS99, vNG01, Ant96, BDFR08, BT21, BK93a, Gaa04,
HW07, Hur84, Kle56, Kod79, Lei80, Lei81, MMS14, Ron21, Ryt89, SLT6+06,
SH85, VHL+12, WW11]. Finite-State
Functions

[MFMA15, MFMA17, Sch91a, Sch91b, CFLH+22, Dow93, Kod79, Yod91],
functors [dSOMY15]. Fundamental [Sym85]. Further
fuzzers [CGZ+13]. Fuzzy
[GJ16, GN01, RDF23, BC13a, WSS94, WLF14, ZBST14].
grading [Mor02]. Graham [MSRR00]. Graham-Glanville [MSRR00].
Grails [JN08]. Grained [FL99, TTO] 22]. Gram [ST95, HKN14, KST94, KWL08, KPA10, Sal12]. Gram/2L
[KWL07]. GraMi [EASK14]. Grammar [WMe69, Wb95, Man06, Wat03].
Grammars [BK93b, BKW92d, Pat71, SBHM94, BK93c, BK93d, BK93e, KS93, LY+T23, MN+P23, M28+19, PMJ14, RHK02, SK17, WH2+17, Zue96, A+T08, BLE18, BLR11, BCTJ10, BYK22, EASK14, FWW13a, FWW13c, FM22, GPTV93, LRV13, MCF+11, MCF+14, SW93, SH+R2+16, SGCW14, Sr88, TG96, ZXL+13, ZC09, ZC0Z12].
Graph-Structured [CMNP17]. Graph-based [PJMR14]. graph-oriented [GPTV93, TG96].
Graph-Structured [BLLW12]. Graphic [LLLC17]. graphical [CMW87, LLS12].
graphs [AK08]. GraphLog [CM90].
Graphs [BJM79, BYNTK21, EMTG23, EMT23, Fu95, Fu96, HPM94, LMV16, LSWP19, MY60, RHR2+21, TV14, WD99, BBG13, B201, FTD23, KCI5, QQ+2+13a, QQ+2+13b, SVM14, SW2+12, ZY2+15].
Graspan [WH2+17, ZW2+21]. great [Sch1]. Greco [Sal1]. Greco-Roman [Sal1].
Greek-Armenian [Gue87].
Greppin [Sal1]. Grepping [HHW].
Grep [Pit80]. VCS2+12. Goe95, NTS93, R999, Tao97, K290, K909, Sid99, Sid02, Hol84, Bar90, Hae89, Nav01b, Woo86, Hum88b, BK09].
Greppin [Sal1]. Grepping [HHW].
greps [Hum88a]. Groovy [JN08].
ground [KR95]. Group [DT87, KC99, GMC02]. Grouping [OR12].
Groups [Sch22, J290, guate [Liu14]. guarantees [FWW]. guards
[GJS20, JM90, KSV15, RA99]. Gueriguian [Sal1]. Guessing [Pak91].
Guide [GS93a]. guided [FhDAF09, Nav01a]. Guidelines [Anoxx, Dav99].
Guid [B+2+07].

Hairpin [CDJM15]. Hamiltonian [YT03]. Hamming
[HOK18a, AD11, GF08, HOK18b, Ris16, TT20]. HAMPI [KGA].
Handwritten [CLP95, SKS96]. hard [LM17]. Hardware [Bur84, HH83, HKL2+14, Lee90, Lut02, MGW14, OWP16, PK85, Rob92, ZS17, AK08, ACF05, Bur82, FNP09, GZ10a, Hur84, KKM2+06, MP88, MLC08, TYNM86]. hardware-accelerated [MLC80]. hardware-assist [KKM2+06].
Hardware-Based [HH83]. harmonic [BCWG09].
Hash [CH09, Dav73, RJK79, Sch91a, Sch91b, KB22]. Hashing
[Bur84, CKW09, CG79a, CG79b, GIG77, Gri79, Har71, LLLC17, TK07, ASM17, Bur82, Kim99, MKS198, TLL107, XLC11]. Haskell
[HHW2+92, Jon07, VLP17, Wen93]. Hate [HHW]. Hausdorff [Rot91].
Head [LY86, WW2+16]. Head-Modifier [WW2+16]. Heads
[JL96, GGL94, JL93]. Healthcare [BTTF20]. height [Th81]. Help
[DKA2+15, FR17]. helpful [VV04]. Helsinki [KS12a]. Hershey [ACM76].
Heterogeneous [MM02, MM03]. heuristic [BCD98, Mus05]. Heuristics [CIL+03, Han13b, KR92]. Hierarchical [GM02, IK83, Loh10, Coo89, KAT07]. hierarchy [Lar98]. High [BYHT18, BTC06, CGM10, Ear74, JLK+20, JGZL12, LK90, Lee09, LPT12, PW12, RSG+19, TS05, VCS+12, WGL+21, Wea94, YP12, ASJDW18, Dit78, HC87, KM84, LH13a, PLT14, SW12, SNB+19, TLLL07, XMCL11, ZYX+12]. High-level [Wea94, ASJDW18, HC87, SW12]. High-Performance [JLK+20, Lee09, WGL+21, YP12, CGM10, SNB+19]. High-Speed [BYHT18, LK90, PW12, VCS+12, JLK+20, JGZL12, LK80, Lee09, LPT12, PW12, ASJDW18, Dit78, HC87, KM84, LH13a, PLT14, TLLL07, XMCL11]. High-throughput [BTC06, LPT12]. Higher [HW12, JR15b, KU99, SDm01, CH10, OR11, P10e, Z108]. Higher-dimensional [KU99]. Higher-order [HW12, JR15b, SDm01, CH10, OR11, P10e, Z108]. Highly [BEL17, BKL97, BKL+02, GHK+91, Nav21b, Nav21a, NEL17, BFKL13, CDC96, MAC14]. highly-threaded [MAC14]. Hilbert [HHW+99]. History [JDXD13, LG16, Ritxx]. HMM [SB09]. Holes [YGG+23]. Holism [MMZ10]. Holistic [BEL17, BKL97, BKL+02, GHK+91, Nav21b, Nav21a, NEL17, BFKL13, CDC96, MAC14]. Highly-threaded [MAC14]. Holostic [BEL17, BKL97, BKL+02, GHK+91, Nav21b, Nav21a, NEL17, BFKL13, CDC96, MAC14]. Holon [Len93]. Horspool [BYR92, Ne06, R192, SM19, T120]. Host [ZS13]. Host-to-host [ZS13]. Hotel [ACM83, Bao93]. Hough [KC87, SA77]. HTTP [BBK12]. Huffman [CFG12, DS04, FT04, KS01]. Huge [NR21]. Human [KSWC93]. Hyper [Lia84]. Hypermedia [LZ96]. Hypertext [ALK97, ALL00, Nav98, PK95, Nav00, SD91a, SD91b]. Hypothesis [Liu14]. I/O [PSK08, ZYQ+15, dBB08]. IBM [HKL+14, Wai84]. ICL [CPW88]. Icon [Gri83, Gri85, Wal89]. Iconic [GL86]. ID [BCD98]. Ideas [Bee81, W109]. Identification [Col94, L128]. Identifying [FLSS93a, FLSS93b]. Identities [Mc85b, Mc185a]. idf [TP07a, TP07b]. Idiom [KKM+13, KKM+06]. IDPM [LJH+17]. IEEE [Bao93, CVP96, IEE09]. IFIP [FG72]. ifs [Edw07]. II [AU73, Nav21b, OSM94a, OSM94b, OSM94c]. Illinois [Hwa85, Hwa18, Rob87]. illustrating [HWF90]. Image [DS19, How97, LV94, SN92, VB98, ASG99, AGS96, ZC98]. Images [GR96, KPR97, KPR90, KS06, How96, KS05, YCJ08]. Imaging [AGS93a, AGS93b, AGS93d, AGS93e, AGS93e]. Immersion [HFT+08]. impact [MBH20, NEH90, NCV10]. Implement [Cha01, Cha02a, AD+13]. Implementation [Bar81, DNM00, Gin73, Har71, HOS85a, HOS85b, LZ18, MHT09, RND97, TT22, VKPI17, Vin77a, Vin77b, Y12, Aoe89, AG84, Bro77, MK90, NK07, OA17, PLL10, PD12, PCS99, ZYX+12]. implementations [Nak14]. Implementing [AM91, Gri83, LT90a, WT88, WT89, BBvdM21, BD98]. Implication [LS10]. Implicit [Cha01, Cha02a]. Imply [Gal76b]. Important [Jed87]. Improve [Bon07]. Improved [BY89, BFG09, CMO+08, CM08, GG86, GP90, Han13a, ...
IS86, KV15, KZ02, LSW08, LJH+17, LDI98, LJZJ13, Nav98, Nav00, Pol13, RKM21, RDF23, Tan14, Ayc15, BC95, Oph89, SYW19). Improvement [Cha87]. Improvements [CK92]. Improving [AYS84, Bir77b, DHPT10, Gal79, GKW+10, Hyt08, KCP13, NBY01, YQW+16, HIEH22]. In-degree [LSV08]. In-Memory [SRV+19, TT20]. In-place [HTX17]. In-Situ [GMAS22]. In-Storage [JLK+20]. In-vehicle [BKLE18]. Inclusion [CX20, CGP13b, CGP13a, Hov12]. Inclusive [MIH17]. Incomplete [NCKL14, Ritxx]. Inconsistencies [FKRV16]. Incorporate [SKS96]. Increased [HFN05]. Increasing [HR00]. Incremental [FWW13c, HKR92, Mey85, ISH88]. Independent [ABF94a, CR94, GP92, VS11]. InDesign [Kah06, Kah07, Kah09]. Indeterminate [DW17, SW09, LMS21]. Index [CRG02, CN02, Cox12, Gia93, HTK+21, Man86, Zve80, All82, CRG03, DGM19, HSL+11, KWL07, KWL08, KC21, KST16, NC06, TPT13, ZCT14]. index-sensitive [TCP16]. Indexed [TCP16, ZJP+18, EMT23, GCO2, GO12, KNT15, Sen00]. Indexes [CLS+10, KRR17, Nav21b, RNOM09, CHLS07, NM07]. Indexing [BGS23, Gib21, GL86, GV05, KKSL01, KTY+18, LMRT14, LM01b, NBY99b, Nav21b, Nav21a, SWY75, SVM14, GV00, HA102, SJ13]. Indianapolis [DBG893]. indirect [DSv94]. Induction [Zha96]. Inductive [ASJDW21, ASJDW18, CL09]. industrial [Mo02]. industrial-strength [Mo02]. Inference [BNSV10, BGNV10, JM93, Tej20, Van06]. Infinite [KT06, KST12, SMD894, APTS13, Sid99]. Infix [HWW06]. Infix-Free [HWW06]. Inflectional [TB00]. Influence [FTJ95]. Inform [Gro91a]. Information [FKRV15, FKV16, FBY92, IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, KT23, LZW+96, MKF91, MSP+17, SD91a, SD91b, Sno01, XPZ+23, FKV13, KIT94, KLS+08, Lus94, SHS14, SKS96, FGR72]. Informative [IEE01c, IEE01d]. inheritance [Mor02]. Initial [Man75]. Initialization [MME14]. Injection [AV23]. Inner [BF97]. Input [TJD+23, Sak21]. input-driven [Sak21]. Inputs [CGP+08]. Inscription [D+23]. Inspection [LLL08, LLC17, PW12, VWR11, YP13, ARS16, BAC12, NYuR15, NNSP22, SYW19]. Inspired [GWG+10, Pe92, San09]. Installations [SK17]. instance [FK96]. instant [Abb77]. instead [AGH+17]. instructions [KKM+06, MR82]. insufficient [LG16]. Integer [Nav04a]. integers [Mat94]. integral [EF95, SY72]. integrals [Sid99]. Integrated [BGG+94, FU82, WBA83]. Integration [Har79, Fat15, PMR14]. Intelligence [IEE94b, PMR14, Rob92]. intelligent [JLB92]. Interaction [BNV+13, KP96a, KP96b, HR00]. Interactions [BNV+13]. Interactive [Han02, MR05, BKM95, BH07, DKP11, MI07]. interchanges [Chr96]. Interconnect [SRV+19]. interconnection [KRL87]. Interest [DT87]. interests [SW93]. Interface [IEE01a, IEE01g, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d].
Interfaces [IEE01g, IEE01h, PW06]. Interferences [FTJ95]. Interleaving [CGS17, CGPS13a, Gel10]. Internal [ACR20]. International [ACM94b, ABB93, AGS93e, AAC01, AOV+99, Bao93, B+02, Bro93, Bun94, DMVT13, FMA02, IEE95b, Kap92, KP15, Lev95, Ng79, NH11, SW94, Sto92, WN00, A+08, BGNP94, HF13, MG94]. Interpolation [HW12, Lut02]. Interpretation [HH95, JP11, NC92, SHCY93]. Interpretations [MP09]. Interpreter [HOS85b, Mae94, Eck89, HOS85a, Rob87]. Interprocedural [WHZ+17, ZWH+21, FWDL15]. Intersection [GN12, HL10, Pet02, CS09, CP10, Gel10]. Interval [Via02, Via04, WSS94]. Intractable [FLM+10]. Intrinsic [MFMA15, MFMA17]. Inversion [KS94, Gie90, GT90]. Inversions [CCF13, GFG11]. Inversions [CCF13, GFG11]. Inverted [BBH+87, ZM93, KWL07]. invisible [EHS07]. invited [Rém17]. Invocation [Kor83]. Invocations [GMM12]. IO [PSK08]. Ireland [ABB93]. Irregular [PCS99]. ISB [Ano12]. Island [ACP05]. Isomorphism [BJM79, Gro91a, Gro91b, KSH+15, Mäk89]. Israel [AL01]. ISSAC [Lev95, WN90]. ISSAC’93 [Bro93]. ISSAC’94. [ACM94b]. Issue [Ano17, Cro92a, IEE01a, IEE01g, IEE01e, IEE01b, IEE01h, IEE01f, AGS93a, AGS93b, AGS93d, AGS93e]. issues [BG91a, IS90, San15]. Istanbul [SMD04]. Italy [AAC+01, Apo03a, FL08, GM11]. Iterable [LM02]. iterated [Jan05, itself [JGMP22].

J [Tal81, KS08]. J2EE [BTTF02]. Jackson [San09]. Jan [Ano12]. January [ACM87, ACM92a, ACM93a, ACM94a, ACM95a, ACM97b, USE92]. Japan [AT02, IEE94a, WN90]. Java [Agu23, Ano96a, Ano96b, Ca100, CGM06, Dwe00, FR00, Hab04, HHW+99, LM02, MFRW09, Mor02, NAR08, NM10, Pit98, Sch14, SM04, Stu07, dH05]. Java-based [Ano96a, Ano96b]. java.util.regex [Hab04]. JavaScript [KT14]. Jeffrey [Ano97a]. Jeju [ACP05]. Jersey [FC98]. Jerusalem [AL01]. Jigsaw [BK93g]. JMatch [LM02]. John [Sal10]. join [WDG+14, WLF14, ZC09]. joins [BK02, JLF14]. Jose [ACM95b]. JET [KS05, KS06]. jQuery [PIR17]. JTL [CGM06]. July [AL01, AH97, AT02, Bro93, Bun94, Cha86, Cro92a, FC98, GU95, KS12a, KP15, Lev95, LV06, MZ07, PC99, SMD04]. Jumbled [BCFL12, GHLW15, KRR17, BFKL13, GG13]. June [ACM92e, ACM92b, ACM95c, ACM98, ACM99a, ACM06, ACM07, AP10, Apo93a, AH97, APC05, BYCC03, Bun94, CCG94b, FL08, FMA02, GS00, GM11, HM06, HF13, Hwa85, CVP86, Kap92, KU09, LL08, Len11, Ng79, Sto92]. JVM [BFN+09].
K-M-P [RUG97]. Karp [CR91, GBY90a, GBY90b].
Karp-Miller-Rosenberg [CR91]. Karp-Rabin [GBY90a, GBY90b].
Keeper [Wei84]. Kentucky [ACM89]. Kepler [TLS16]. kernel [WKR09].
Kernelization [BCKM15]. Key [CG79a, CG79b, Gri79, RMK+14].
Key-Exchange [RMK+14]. Keys [FFTD15]. Key-Exchange [RMK+14].
Keys [FFTD15].

L [Sal01]. Label [XPZ+23, VR18]. Labeling [FK16]. Labels
[KMRY20, KMR21]. Lafayette [Hig95]. Laguna [HM96]. lambda [Dow91].
lambda-calculi [Dow91]. Language
[AKW85, ADR15, Ano65, Car77, Fre06, Fre78, GS93a, GP93, GH09, Gud92,
GR96, Hir96, KN17, LS99, Lu02, MGH97, NM10, Reg92, Sab76, SBF80,
SBM+18, TBD22, Tar22, TB00, VV04, vNG01, Arn93a, Arn93b, BK86,
BS00, CFM00, CM86, CGM06, CK08, CMW87, FL71, FP08, Fri97b,
HJW+92, Jor92, KH06, KN19, Mal93, MLC08, RT18, RW93, RTO15,
SNB+19, SC88, Ste12, Str13, SNM07, YIAS89, Zia96, DMVT13, DWE89].
Languages
[ACM92a, ACM93a, ACM94a, ACM95a, AAB+17, AGP18, BLW12, CM58,
CDPP23, EJ23, HWW06, HU79, Hu92, HU01, HMU07, Hud89, KT06,
KP99c, KLH16, Kor83, KST12, Nac21, ND02, SA96, Sch12, Sch13, Wag74,
ACM87, AGM05, AOMC07, BRL13, BiFED+20, BLSS03, BK92a,
BK92b, BKW92c, BDM91, CS09, Cohl90, Di78, ETV21, FlDADF09,
HW07, HWJ03, HSJ04, HW09, Kes91, LRV13, McI04, MZZ10, MPW21,
Mye95, PP85, Rus88, Sak21, Sch88b, SHV+16, Smi91a, dLFM07, BGNP94].
Large
[AAC+01, AV99, BH85, B+02, LP13, LHM91, Ris16, VB98, WHZ+17,
ZM99, ZW9+21, AB93, BC13a, CD96, EASK14, HA10, LY08,
Owo93, QQ+13a, QQ+13b, RW10, YHV+15, ZD95, ZC09, ZC+12].
Large-Scale [LP13, WHZ+17, ZW9+21, LY08]. Larger [G94]. LATA
[JDX13]. laziness [KSV15]. Lazy [KKP16a, KKP16b, Jay92, Jor92, AJ89].
Lazy-ML [AJ89]. LDA [YCKJ08]. Learned [HTK+21]. Learning
[BGNV10, Bra94, BC94, Bra95, KK08, Kin92, KK02, Org03, PDL98, RFD23,
SPF08, SG12, ZCS+12, BDM16, BC06, Ker04, PPK18, STK19, THQ19,
VV04]. learning-based [PPK18]. least [Boo80, DK13]. Left
[NWE97, Ned98, CWZ10, CA20, HR03, Tak96b]. Left-to-Right
[NWE97, Ned98, Tak96b]. legacy [Joh94b]. Leif [SC88]. Lempel
[BK93a, BFG09, FT95, FT98, KKP16a, KKP16b, NR99b, Nav01c, NT05].
Length [BL94, Bre94a, Chr95, LLC17, YJS4, ZGS+15, BFKL13, BGW12,
BC95, CS22, HOK18a, HOK18b, KR97, ZHH10]. Length-Bounded [LLC17].
lengths [KIH15]. lenses [BFP+08, FPP08]. Less [LMRT14]. Let
[ABF96, MW92b]. Lett. [Gro91a]. letter [AGM05, Bar84b]. Letters
[Ale94, BTTF02, HHW+99]. Level [JSC83, MFMA17, ASJDW18, Dit78,
Ear74, HC87, KWL07, Moo12, dSOMY15, SW12, Wena94]. levels [Lar98].
Lexer [SVS14]. Lexical [HKR92, LS79, Nip98, Yan95, ISHY88]. Lexico
[KKSL01]. Lexico-Syntactic [KKSL01]. Lexicographically
[Boo80, CDP23]. Lexicons [ZMSD93, ZD95]. Lexing
[Urb23, ADU16, ELF22]. Libraries [Ano10]. Library
[AK09b, CL95, EU98, Ano01, Cox10b, PSK17]. library-defined [PSK17].
Lie [ABF96]. life [CM90, Ste12]. light [Agu23, SNM+13]. lightweight
[BFNP10, DA18, SNM07, GWX+23]. Like [CFG12, GLHLW15, Hol84, HK11,
AMRV16, BTG83, Mis89a, Mis89b, MPW21, YH91]. Lille [KU09].
Limitation [Kü10]. Limited [HAR10]. limits [Sid00]. Line
[FG98, GG97, Lut02, Man75, MM93, Frü17, Sno01, Tak86a, Tak86b, BEL17,
Blu08, CLP95, CT96, FG95a, Fre06, Gal75, Joh95, KNT11, NR02, NEL17,
Rot91, Shi96, TIT88, YC22]. Linear [BJM79, Brz65, Bur11, CFP19, Cha94,
Cha02b, CS17, CH03, Coo72, CR95b, CGPR95, GS81a, LK90, LO94,
Man75, Pat71, PRU11, REP81, SSSS10, CGPS13b, EH88, ETV88, GFG11,
GMS12, HKN14, IKX15, KKR+13, LK88, Rep98, SLYM00]. linear-space
[IKX15]. Linear-Time [CR95b, Man75, GS81a, HKN14]. linearised
[TJMC20]. linearity [GO80]. Linguistic [Haz01]. Linguistically
[GWvG10]. Link [LTLL04, KCPC13]. Linkage [VRC24]. linked [BAP06].
Linter [UIM22]. Linux [Blu08, Mal07, Qui00, DBB08]. liquid [VLP17].
LISP [ACM92c, JLHB92, Kod79, MS20, KMT95, Mun95]. list
[dSOMY15]. list-of-functors [dSOMY15]. listless [Jay92]. Lists
[Gil85, BAP06]. Literary [HSTS01]. Literate
[Ham88, Pep91, VHC88]. Lithographic [DMWW77]. lithography
[SS93b]. Live [YGG+23]. lifes
[Hol01]. Ljubljana [FGR72]. Load [MM02, MM03]. Local
[ABH+14, CM94, DJ96, GKH14, MU02, ZCS+12, GS81a, MPW21]. Locality
[TLC15]. Locality-Centric [TLC15]. locally [Me08]. locating [Mas89].
Location [LYT+23]. Locations [ST95, GS81a]. Log [DJ96]. logarithmic
[Sid95, Sid02]. LOGCFL [Pet02]. Logic
[Bac94, GHK+91, Mac94, BDIF+20, CDF08, Coh90, Knu95, SMI91a, TPT13, YIAS89, Tal81].
Logical [CEW58, Wei84, PP85]. logics
[LH03, Pel87, tC09]. London
[MZ07]. Long [CLP98, KYG19, Kha16, ML96a]. Longest
[ACR20, BK93a, Bur11, F+23, FGG15, HIRS17, KR92, KRS19b, KRS23,
RT17, Ron21, BBH14, Gra15, NHH+20, TTO+22, HTK+21, KRS19a].
Longest-match [BK93a]. LongestMatch [Huc21]. Look
[McC01, Yan95, GPNN96]. Look-Ahead [Yan95]. lookahead [BAC12].
lookup [KW19]. Loops
[BF97, FTJ95, KK95, BK86, RP95]. Lossless
[How96, Cha93b]. Lossy [LS94, RT17, How96]. Louis [IEE90]. Louisiana
[ACM91, ACM97b]. Louisville [ACM89]. Love
[GP18]. low [LH13a]. Lower
BG92, CHPZ95, GG91, GJS20, GK86, AGW13, BCKM15, BG91b, CJPS13,

M [RUG97, Ram94]. MACHINE [BY91, CG87, Cox99, RDF23, AG84, BY92, Nak14, Ram94, WHZ+17]. Machinery [DT87]. Machines [AYS84, Bow87, BP63, JA17, JXN20, MO04, OF61, Pux97, YD95, Aoe89, GOMSV08, KAT07, MMS14, Yod91]. macro [Sas79]. Macsyma [JM85]. Madison [FMA02]. Main [BK75]. Maintaining [AS91, GO12]. Management [BY91, CG87, Cox09, RFD23, AG84, BY92, Nak14, Ram94, WHZ+17].


Match [GHW05, KR92, LD10, Mor83, Pet92, Ses96, VB98, Zve80, Baa78, BK93a, BBH14, DWE89, GJS20, JGMP22, KSVJ15, KCK93, Mei15, ZCO09, ZOIZ12, HC87]. Match-Bounds [GHW05]. Matcher [HH83, Sab76, Coo86, Ker07]. Matches [Dav73, KF91, MUT97, MCG98, PR01, RVV23, GHST17, Mha05, Ukk92, Ya99, ZD95]. Matching [AOK02, Abr87, ABM08, AC75, AGT89, Aku94, AR00, ACR01, ABF94a, ABF96, AAL97, ALL97, ALL99, ALL00, AAL+00, ARD08, AP10, Ano92b, Ano96a, Ano96b, Ano17, AYS84, iA94, AYS+24, AT02, ADLM96, AW89, Ash85, AJS92, ACD01, ASA17, BST+03, BYP92, BYCM94, BYN96, BY96a, BY97, BYN97, BYN98, BYN99, Bak96, BEM+12, BCP92, BL18, BCP92, BLP18, Bee81, Bee13, BEL17, BH02, BH85, BKLP97, BLK+02, BGP+22, BL94, BM00, BBL93, BYNTK21, Bow87, BG92, Bre93, Bre94a, BCT94, BG95, BCT98, BGG12, BG14, BTC06, BL16, BK93g, Bun95, BZ98, BG01, BCF12, BCC+13, CCF12, CF06, CFP19, CFM17, CDM11, CK02a, CLS+10, CL92,
CM94, CL94, CCH09, CL97, CLP98, Cha02b, CN02, CTF+98, CZZC09, CHL14, CJBW16, CWL+21, CK92, CDEK95, CG94a, CLP95, CM08, CL95. Matching [Chu95, CW84, CHZ06, CJPS12, Cob94, Col94a, CHPZ95, CH97a, CH02, CH03, CHLT14, Col94b, CG79a, CG79b, Cox07, Cox09, Cox10a, Cox12, CP91, Cro92a, CR92, CCG+94, CR95b, CGPR95, CGG+97, CGH+98, CIK98, CIM+02, CIL+03, D+98, DB86, DLG12, D+23, DN77, DCM15, DGM94, Dwe00, EIV04, ETV88, Eke95, EMC96, EF13, EMTG23, EZA23, FT98, FL12a, FL12b, FM90, FMMS20, FG98, FL08, FPT22, FR00, For02, FP98, Fre02, FNU02, FT04, Fre06, FC04, Fu95, Fu96, Fu97, GHLW15, Gal76b, Ga79, GS80, Ga81, GP90, GG91, GG92, Ga95, GPP04, GC01, GPR95a, GIK97, GP01, GP03, GIMV03, Gaw12, Gaw13, GP93, GM02, Gia93, GG95, GG97, GM11, Gib21, GS22, Gil85, GKP19, GZ94, GWX+23, Gon02, GK86, Gri79, Gri83]. Matching [GL01, Gro92, GL68, GV05, GMM12, GHS2, HD80, Han13a, Har92, Har97, HAR10, HL10, HT14, Haz01, Hen71, HEWK03, Hei01, HL97, HUN+19, HH93a, Hig95, HT17, HO82, HST90, How97, Hu92, HW12, HN02, HN05, IS94, IMP01, IM08, IST05, IS06, IM+22, IK83, JAA91, JLK+20, Jz15, JL96, JZG12, JSC83, JU96, KPR97, KPR00, KU99, KS12a, KR81a, KR81b, KR87, KR95, KS97, KS99, KP93, Kesh79, Kha16, KTS09, KMT+01, Kid09, KST94, KS99, KKK01, KKK11, KS06, KS11b, KS12b, KM92, KM95a, KM95b, KMP77, KLH16, KRR17, KS83, KMM15, KB18, KK92, KR97, KU09, KNS12, Kii10, KVX12, KNNH00, KC99, Lab12a, Lab12b, LSW08, LV94, Lav91, LP13, Le 91, LM01a, LKM23, Lec95, Lec98, LKL02, Lec99, LYT+23, LT17, LT03, Les95, Les94, LV06]. Matching [LY86, LYT+23, LLL08, LA12, LLC13, LNH+17, LLL17, LLL17, LP11, Li96, Li96a, LM02, LT16, LN19, LGZ+14, LCL06, LLW+15, LS94, Lut02, MZ07, Ma06, MS98, MBP22, MKF91, M002, MW92a, MW92b, MGW14, MR11, MN+23, MHT09, MUHT96, Mc85b, MPN+14, Me95, Mey85, MM02, MH17, Moh07, MS01, Mon17, MN+23, ML96a, ML96b, Mu 95, Mu95, Mun07, MR92, Mut07, Mye92, Mye98, Nao91, NR98, Nav98, NB99a, NR99b, NB99b, NBY01, NR03, Nav04b, NWE97, Ned08, NdMM02b, ND02, NRS18, NKL14, NR15, NEL17, OR12, OS11, OP16, Ott94, OM88, PDL98, PAMP12, PS10, PLL08, PK95, Pur96, PV91, PPA10, PW95, Phi94, Pol13, PP09, Pou93, PK85, Pru17, PS93b, RR90, RR92, Rao95, RM88, RTO02b, RKM21, RS98, RHR+21, Ric79, Ris16]. Matching [RKH02, RPE81, RMK+14, RT17, RSG+19, RDF23, RNO09, Sad96, SV94, SMD04, STK10, SCFC94, SN92, SP16, Sca11, Sch95, SRR92, SRR95, SD95, Sha93, STSA99, SKF+00, Shi00, Shi04, Shi92, SSSS10, Sim83, Sim94, SF01, SdM01, Sli78, Sli83, SW09, Som82, Spi99b, Sto96, ST95, ST96b, ST96c, ST04, TBD22, Ta22, Tak86a, Tak86b, Tak94, TT22, TMK+02, TS05, TZW94, TWZ23, TU93, TP97, TMV+01, TJGY22, TK07, TLC15, TL12a, TL12b, TMC12, UW93, Ukk10, VSM87, VB12, VWR11, Via02, VG01, VRD01, Vis91, Vis99, VS01, WAH23, WPKL13, WSW16, WMS19, WZL+23, Wat96, WKA94, WD99, WBA83, Wri94, WM92b, WM95, WS122, Xi03, XZL+19,
YP12, YP13, YQW+16, YK11, YJ84, YDW18, YGG+23, Yun12, ZZ12, ZS17, ZS13, ZL18, Zha17, ZLN11. Matching

[ZCH23, ZTH9, Zue96, de 82, van14a, van14b, AMB+02, ADR03, ADR06, AK08, AK09a, Akl78, Ak179, ASM17, Alb89, ACF05, ASG99, ALV92, AF92, AFM94, ABF94a, AAL797a, ALL98b, AL01, ALP04, ABC+04, AKT06, ALLS07, AAK+09, AAB+09, AEK+11, ABH+14, Ano97b, Ano01, Aoe89, AG84, Apo92, Apo93a, AG97, AC005, ADLM01, AGS96, AD11, AGW13, AG06, BFKL18, BKL18, BYR93b, BYC03, BY00, Bak78, Bak93, BDB90, BCD98, BEM+13, BSTU08, Bar22, BFGK15a, BFKL15b, BR09, BA15, BA16, BKBB+14, BBvdM21, BCD14, BPP20, BLLP90, BLPL92, BFC08, BFGO9, BGVW12, BG22, Bir77a, BGJ89, B013, BGWX22, BBL98, BYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BBL98, BBYK22, Bra90, Bra95, BBK12, BBH14, BG90, BG91b, BTC93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93.
PS90, PLT14, PC99, PP94, Per94, Pet07, PMS11, PPZ08, PDC94, PA10, QZC17, Quo92, RM06, RTT02a, RUG97]. matching
[RT015, Rus88, RLP20, Sad93, SY23, SVS97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SYG900, ST96a, SN94, SSL21, Shi97, Sil77, SR16, Smi91a, SDS14, GSW14, SHCY93, Spe85a, Spe85b, Sp99a, Sr93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Tak93, TBS06, TZYH14, TJD+17, THQ19, TM04, TM05b, TM05a, THG17, Tej20, Thi93, TTT83, IIT13b, TSL16, TJMC20, TLLL07, TLLL09, TCC91, TRL+20, Ukk92, Ukk93, VRC24, Val09, Van06, VLP17, WV11, Vin04, Vin77a, Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat03, Weng94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZHH10, ZHH16, ZA17, ZSO18, ZZJC20, ZYY+12, dBB93, dRL95, BCKM15, HTK+21].

Matching [JD89, Neu10]. Matching-Based [CZCD09].
mappings [RTO15, Rus88, RLP20, Sad93, SY23, SVS97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SYG900, ST96a, SN94, SSL21, Shi97, Sil77, SR16, Smi91a, SDS14, GSW14, SHCY93, Spe85a, Spe85b, Sp99a, Sr93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Tak93, TBS06, TZYH14, TJD+17, THQ19, TM04, TM05b, TM05a, THG17, Tej20, Thi93, TTT83, IIT13b, TSL16, TJMC20, TLLL07, TLLL09, TCC91, TRL+20, Ukk92, Ukk93, VRC24, Val09, Van06, VLP17, WV11, Vin04, Vin77a, Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat03, Weng94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZHH10, ZHH16, ZA17, ZSO18, ZZJC20, ZYY+12, dBB93, dRL95, BCKM15, HTK+21].

Matching [JD89, Neu10]. Matching-Based [CZCD09].
mappings [RTO15, Rus88, RLP20, Sad93, SY23, SVS97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SYG900, ST96a, SN94, SSL21, Shi97, Sil77, SR16, Smi91a, SDS14, GSW14, SHCY93, Spe85a, Spe85b, Sp99a, Sr93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Tak93, TBS06, TZYH14, TJD+17, THQ19, TM04, TM05b, TM05a, THG17, Tej20, Thi93, TTT83, IIT13b, TSL16, TJMC20, TLLL07, TLLL09, TCC91, TRL+20, Ukk92, Ukk93, VRC24, Val09, Van06, VLP17, WV11, Vin04, Vin77a, Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat03, Weng94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZHH10, ZHH16, ZA17, ZSO18, ZZJC20, ZYY+12, dBB93, dRL95, BCKM15, HTK+21].

Matching [JD89, Neu10]. Matching-Based [CZCD09].
mappings [RTO15, Rus88, RLP20, Sad93, SY23, SVS97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SYG900, ST96a, SN94, SSL21, Shi97, Sil77, SR16, Smi91a, SDS14, GSW14, SHCY93, Spe85a, Spe85b, Sp99a, Sr93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Tak93, TBS06, TZYH14, TJD+17, THQ19, TM04, TM05b, TM05a, THG17, Tej20, Thi93, TTT83, IIT13b, TSL16, TJMC20, TLLL07, TLLL09, TCC91, TRL+20, Ukk92, Ukk93, VRC24, Val09, Van06, VLP17, WV11, Vin04, Vin77a, Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat03, Weng94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZHH10, ZHH16, ZA17, ZSO18, ZZJC20, ZYY+12, dBB93, dRL95, BCKM15, HTK+21].

Matching [JD89, Neu10]. Matching-Based [CZCD09].
mappings [RTO15, Rus88, RLP20, Sad93, SY23, SVS97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SYG900, ST96a, SN94, SSL21, Shi97, Sil77, SR16, Smi91a, SDS14, GSW14, SHCY93, Spe85a, Spe85b, Sp99a, Sr93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Tak93, TBS06, TZYH14, TJD+17, THQ19, TM04, TM05b, TM05a, THG17, Tej20, Thi93, TTT83, IIT13b, TSL16, TJMC20, TLLL07, TLLL09, TCC91, TRL+20, Ukk92, Ukk93, VRC24, Val09, Van06, VLP17, WV11, Vin04, Vin77a, Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat03, Weng94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZHH10, ZHH16, ZA17, ZSO18, ZZJC20, ZYY+12, dBB93, dRL95, BCKM15, HTK+21].
CFS^89, LY17, LN19, Rei03, SMB^18, TJGY22, VKP17, ZL18, BKLE18, CMS08, GZ10a, LMMN07, LHCK04, SALP20, Tak96a, TLLL07, WXZY12.

Network-based [BKLE18]. Networks
[CLP95, DCM15, JGZL12, KTY^18, MSP^17, Ray96, SF01, TD18, CEMW91, Kin89, KD15, LMMN07, LHCK04, SALP20, Tak96a, TLLL07, WXZY12].

Neural networks [BKLE18]. Networks [CLP95, DCM15, JGZL12, KTY^18, MSP^17, Ray96, SF01, TD18, CEMW91, Kin89, KD15, LMMN07, LHCK04, SALP20, Tak96a, TLLL07, WXZY12].

Neuropsychology [AB89]. Nevada [ACM95c]. Next [KKP92]. Next-generation [KKP92]. NFA
[ARS16, Cha01, CP97, GS07, HM98, Hyv08, Li03, PD12, YKGS11, ZYX^12].

NFA-based [ARS16]. NFA-OBDDs [YKGS11]. NFA’s
[CHP92, GLRA11, Lau00, IY02a, IY02b]. ngrep [McC01]. NIDS [TK07].
NIDS/NIPS [TK07]. Nineteenth [ACM92a, IEE95b]. Ninth
[ACM90a, ACM97c]. NFA-based [ARS16]. NFA-OBDDs [YKGS11].

NFA’s
[CHP92, GLRA11, Lau00, IY02a, IY02b]. ngrep [McC01]. NIDS [TK07].
NIDS/NIPS [TK07]. Nineteenth [ACM92a, IEE95b]. Ninth
[ACM90a, ACM97c]. NFA-based [ARS16]. NFA-OBDDs [YKGS11].

Nondeterministic [ABMN20, Cha02a, CDL95, CDL99, DL03, HSW97, HSW01, Nag21, BT21, Ge03, GHR^16, Ryt89]. Nonlinear
[MSP^17, RR92, Dan91, NA90]. Nonuniform [Lut02]. Norm
[TZW94, WC14]. Normal [BMMR19, JR15b]. normality [Jan23].

Normalization [KWLLO8]. North [IEE89]. notation
[LLS12, Man06, Rev91]. notations [Vol12]. Note
[Ano17, BST^03, CR92, Gra15, Gro91b, Ryt89, Sil77, tC09]. Notes
[BYKZ^92, BLPL92]. notion [Cha02c]. Novel
[LLCC13, RVV23, LS99]. November
[A^+08, IEE88, IEE89, IEE93, IEE98, NEH90]. Novel
[JSN08, MLM^08, PP94]. NP [TCC91]. NP-completeness [TCC91]. NR
[Nav01b]. NR-grep [Nav01b]. NUCA [HFFA09]. Nucleic
[CCL87]. nucleotide [LVN87]. Number
[BM00, GPR95a, GS81a, Kod79, LS09]. Numeric
[KAN^17]. Nutshell
[Gi92, Rob99a, Rob99b]. NY [AP10, Kap92].

O [PSK08, ZYQ^15, dBB08]. OBDDs [CH04, YKGS11]. obfuscation
[OSSK16]. Object
[CLJ93, GP93, LT90b, BY96b, Coo89, GPTV93, LLCO3, MME14, TG96].

Object-Oriented [GP93, LLCO3]. Objects
[BZ08, SP16, Alb89, BGWXP22, HNB^13, IM13, Mar89, MR05]. Oblivious
[FV16, HLS^11]. obliviously [FGG^08]. Observations
[Hun79, APTS13]. Obtaining
[HW07, DR06]. OCaml [Fri06b]. Occurrence
[CIL^03, Cha02c, Mus05]. occurrences [FLSS93a, FLSS93b]. OCR
[San95, TIA90]. October
[Bao93, IEE89, IEE90, IEE92, IEE95a, IEE97, IEE98]. off [MNS07]. offer
P [RUG97]. P2P [LLL12, LYWL08]. Pacific [IEE94a]. Package
[Liu14, van14a, van14b, Kas08a, Kas08b, Kas08c, Nic03]. packages [Hoc19].
Packed [Zha17, BKKB+14, GGF13]. Packet
[BYHT18, LLLL08, LMT16, VKPI17, VWR11, YP13, ARS16, BAC12, CMS08, NYuR15, SSYW19]. Padova [Apo93a]. PageRank [LSV08].
pages [Ano97a, Ano97b]. Pair [BNV+13, PPZ08]. Pairs [GLS92]. Paisley
[TL12a, TL12b]. Palermo [GM11]. Palindrome
[IEE93, IEE98]. PAMA [LCL06]. paper [Pet95]. Papers
[Cro92a, Moo64, ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, BW91, IEE92, IEE93, A+08]. paradigm
[AC93]. PARAILD [WOQ+07]. Parallel
[Ash85, BL94, BG92, CF06, CG87, Che96, CHL14, CCL7, CR92, CGG+97, CGH+98, DK13, ECSS88, FL99, GG87, Gal95, GJ16, GHK+91, GZ94, GS85, GIG77, GMAS82, HT17, HN02, HN05, IS86, KR94, KKK11, Klil0, LLC13, LLL17, MS01, MR09b, Mut00, NR08, RR90, SV94, SN92, TLC15, TVCM12, VMM15, Wei83, BGNP94, BLPL92, BYK22, BG90, BG91b, Bre94b, Bre95, BH96, CL09, CCG+93, CR91, CR94, Gal84, Gal92, GS93b, GS93c, GF08, Hur84, Hyv08, IIR86, IJUV96, KIH15, LV89, MK90, Mis03, MMS14, NYuR15, Ry89, SY23, TTO+22, TLS16, ZC99]. Parallel-Algorithm [SV94].
Parallelism [JA17, JX20, MKF91, WRJ9, ASM17, CFKT17, HFN05, LV86b, NR00, RW93, SBB19]. Parallelizable [ATX21]. Parallelization
[KP93, HA90, NE93, RP95]. Parallelizing [HN90, MIH17]. Parameter
[Jok90, Su21]. Parameterized
[Bak96, BRL13, BDFW94, CHLT14, IS94, OP16, PA10, AFM94, Bak93, BA16, CGK08, FM06, HLS07, IS96, KC21, KPA10]. Parameters
[CJW16, CJW13]. Parametric [Chi08, HPM94, WAH23]. parametricity
[Rén17]. parentheses [PDC94]. parentheses-matching [PDC94].
Parenthesis [Sto96]. Paris [Cro92a]. Park [IEE89]. ParsCit [PKK18].
Parse [Fe78, Kc91a, DFG0, PFE78]. Parser
[Hol84, TB00, GAN89b, LK06, MLC08, PKK18]. parsers [Dya94]. Parsing
[AVT2, AVT3, BRO16, Cam99, DA20, Gor00, MGH97, NH11, RD17, Rus88, SL14, BMD17, BG22, BBM1, GHR14, MII14, Ier09]. Part
[CDPP23, JH18, KU15, Klil1, NAV21, NAV21b]. Part-of-Speech
[JH18, Klil1]. Partial
[Ant95, Ant96, AYS+24, CW84, CDS9, GL01, KK08, KMR21, Mor83, Ses96, Smi91a, Zve80, ADR03, ADR06, DR06, HR03, Jor92, KCK93, MR09a, ST19]. Partial-Match [Mor83, Zve80]. Partially [ZMSD93, HY92]. Parties
[XZL+19]. Partition [CF85, FR17, WL15b]. Partitioning
[Fat15, KIM99, LYWL08, Mid96]. Partitions [Knu05]. partners [LLL12]. Pascal
[Liu86, Sha88b]. Paso [ACM97c]. password [KJS17, MW94]. Paste
[Lud77, AM97]. patches [TCC19]. Path
[Bac94, BWW12, CDLV99, CDLV02, HJ99, LM01b, Sch22, SNM+13, Tar81a,
Tar81b, TPT13, ZJP+18, BBG13, CJR+21, Che96, CK02b, LM12, MF96, PC02, SVM14, YCJ,K08, YT03. Path- [TPT13]. Path-space [SNM+13]. Path-wise [MF96]. Paths [MNP+23, GLS07, LM13]. Pattern [AMB+02, ABM08, AKW85, ABF94a, ABF96, AAL97b, ALL97, AAL+97a, ALLL98a, ALL00, AAL+00, ALR08, AAB+09, AP10, AWS16, Ano92b, Ano96a, Ano96b, Ano17, AYS84, IA94, AYS+24, AG84, AG97, AT02, ADLM96, AW89, Ash85, AJS92, AGS96, AD11, BYN98, Bak96, BCD98, BEM+12, BLP18, Bec81, Bee13, BKL,P97, BKL+02, BCKM15, BBL93, BBL98, BYNTK21, Bow87, BTC06, BL16, BGJ01, BCFL12, BC93, BCC+13, CCFG12, CFM17, CS98, CDM11, CG87, CK04, CLST+13, Cha02b, CZCD09, CWL+21, CK92, CDEK95, CG94a, CL95, CM08, CL95, CHZ06, CEPR10, CJPS12, CDP4, CH03, Col94b, CG79a, CG79b, Cro92a, CR92, CR95b, CGPR95, CL96, CGH+98, D+98, DB86, DWE89, DLG12, D+23, DN77, Dit87, DCM15, DGM94, Dwe00, EIV04, EGP14, Far92a, Far92b, FMMS20, FL08, FR00]. Pattern [For02, FNU02, Fu95, Fu96, Fu97, GHLW15, GPP04, GC01, GRS99, GIK97, GP01, GP03, GMV03, Gaw12, Gaw13, GP93, GM02, Gia93, GG95, GG97, GM11, GMC02, Gl85, GW92, GKP19, GWX+23, GGN06, Grl79, Grl83, GL01, Gro92, GL86, Har02, Har97, HAR10, HH83, HL10, HT14, Haz01, Hea71, HEWK03, Hei01, HL97, HUN+19, Hig95, HO82, HSTS01, How97, HW12, CVP86, IMR08, IST05, IMM+22, JLK+20, Jez15, JSC83, KPR97, KPR00, KU99, KS12a, KR81a, KR81b, KR87, KR94, KR95, KR97, KN00, KP93, Kes91, Kes79, KTS99, KMT+01, Kid09, KS99, KKSL01, KKK11, KS01, KS06, KM92, KM95a, KM95b, KMP77, KRR17, Kor83, Kra08, KB18, KK02, KU09, KNS12, Kil10, KVX12, KXH10, Lab12a, Lab12b, LV94, Lav91, LP13]. Pattern [LM01a, LKL02, LSTW+17, LY17, LT03, Les85, LV06, LY+23, LTL04, LA12, LLCC13, LJH+17, LLC17, LP11, Lin86, Liu88, LM02, Lut02, MZ07, MS98, MBP22, MKF91, MU02, MW92a, MW92b, MGW14, MR11, MNP+23, MHT09, MUHT96, Mcd85a, McI85b, MS01, Mon17, Mu95, MuT95, Mut00, Mye92, Nao91, Nar91, Nav98, NBY99a, NRB99, NBY01, NR03, Nav04b, NWE97, Ned98, NdmM02b, Ndo2, Neu10, NRS18, NCKL14, OR12, OP16, OW03, Ott94, PDL98, PS10, Par96, PV91, Pet92, PW95, Pit98, PPZ08, PP09, Pou93, PK85, PS93b, QTO+20, RR90, RR92, Rao95, RM88, RKM21, RS98, RRH+21, Ric79, Ris16, RSG+19, SMO4, SCFC94, SN02, SP16, Sch95, SRR92, SRR95, Sel84, Ses96, Sha93, SN94, STISA99, SKF+00, Shi00, Shi04, SSSS10, Sim83, SF01, SdM01]. Pattern [SW09, Som82, Spi99b, TBD22, Taf22, Tak86a, Tak86b, Tak94, TT22, TMK+02, TM05a, TMV+01, TSI13, TK07, TL12a, TL12b, Ukk10, VSM87, VWR11, Via02, VG01, VRD01, Vis91, Vis99, Vol12, VS01, VB98, WAH23, WCM+94b, WZS95, WSW16, WZL+23, Wat96, WKA94, WD99, WBA83, WM92b, WSVS22, Xi03, YP13, YK11, YDW18, YGG+23, ZZ12, ZZH10, Zha17, ZDO18, ZLN11, ZT89, Zue96, ADR03, ADR06, AK08, AK09a, AkI78, Alb89, ASG99, AYCLS02, ALV92, ALLL98b, AL101, ABC+04, AKTO6, AL1S07, ABH+14, Ano01, Aoe89, Apo92, Apo93a, AH97, ACP05, AP90, ADLM01,
pattern [CF88, CGM10, Cha93b, Cha93a, CKP+21, Cha87, Cha02c, CRV06, CR95a, CLS95, CFCK22, CFKT17, CNPS15, CNS18, CS11a, CWZ10, CJPS13, CDP16a, CA18, CD18, CA20, Col90, CCG+93, CH97b, CT96, CD89, CGR93, CG94b, CR94, CCG+99, CKC07, DS04, DA18, DGG+19, DGM19, Di76, Dijxx, Dow91, Dow93, DGM90, EASK14, ET21, FL+10, FWW13a, FWW13b, FWW13c, FLC+19, FC98, FHV18, Fen01b, FBMA05, Fri97b, Ga94, GP92, GU95, GR99, GU16, GS00, GG13, GP96, GJS20, GZ10a, GS06, HEH+22, HWV07, HC87, HM96, HBRV10, HP01, HP03, HK77, How96, HLA09, IIT13a, Iba97, HEHE23, Ier09, Ind97, IM13, ISHY88, JGMP22, Jan23, JM93, JP11, Jon07, KTP10, KSVJ15, KS07, Kas08a, Kas08b, Kas08c, KTS+98, KMS+03, KCK93, Kin99, KKNS23, KKH24.

Pattern-Based [EGP14, Far92a, Far92b, KS07].

Pattern-Directed [Kor83].

Pattern-Match [Pet92, GJS20].

Pattern-Matching [FR00, KPR97, KPR00, KR81a, KR81b, KR87, KRS95, KRS97, KP93, KVX12, LY17, Lut02, MUHT96, NWE97, Ned98, Ott94, Pou93, SCFC94, Sch95, SSSS10, SW09, WM92b, CL96, GMC02, KN00, CF88, Dijxx, Fri97b, Ga94, Ier09, KSVJ15, LH13a, Nav01b, NWE99, NdMM02a, OR11, Per94, Sch88b, Wea94].

Pattern-Recognition [AWS16].

Patterns [BLR14, BH85, BGS23, CLP98, CMNP17, CMNP18, Gim73, HNB+13, IS94, JGZL12, Kha16, Les79, LSWP19, Prü17, SB09, TMV+01, ADT15, Alb89, AG06, BLR11, BH13, BSM+07, BFS04, Bro77, CP10, Dun91, ETV88, IS96, JSH09, KPA10, KHI15, KRML09, LMM17, MR09a, NdMM02a, Tak93, Ver92, Vou06, Wal89, ZKC07, ZJL14].

payload [NNSP22].

PCRE [Anox].

Pearl [KN12, ADU16, DA20, FHW10, JR15a].

Peas [Ben86, Ben90, Bir10].

pebbles [EHS07].

peeling [ALLT11].

Peephole [All89, Spi99b, BA06, Spi99a].

peer [AB09].

Penalties [KM92, KM95a].

Pennsylvania [ACM76, ACM99a, IE92].

people [Mah07].

pep [Woo86].

Peptide [LZ18, SVS97].

Perfect
perform [MW92b]. Performance [FWW12, HKL14, IS90, JLK10, KNT15, Lee99, MM02, MM03, RSG19, Sca11, WGL21, YP12, YK11, YJ84, CGM10, Fen01b, Hur84, LH13a, SNB19, SWZ01].

Periodicities [Sli83].

Periodicities [Lab12a, Lab12b, Ano97a, Anoxx, Fri97a, Han01, LT09, Mah07, NTS93, SPF08, Sno01, SM04, Stu07, Val09]. Perl-based [NTS93].

Perl-based [Lab12a, Lab12b, Ano97a, Anoxx, Fri97a, Han01, LT09, Mah07, NTS93, SPF08, Sno01, SM04, Stu07, Val09].

Permutation [BBL93, BBL98, Chr96, Iba97, Jan23]. Permutations [BBL93, BBL98, Chr96, Iba97, Jan23].

Permuted [HUN19, BEL04].

Perrin [Bre93, Bre96].

Personal [VB12]. Pesky [CJBW16, CJBW13].

Petri [GR92, PP85].

Phase [FYJ17, CK02b]. PhD [HF13].

phen [Lia84]. Phi [TLS16]. Philadelphia [ACM99a].

physically [SNM13]. physically-based [SNM13].

Picking [CJBW13, CJBW16]. Piconets [LTL04]. Pictorial [DOS93].

picture [Mar89, MPW21, TCC91]. Pictures [AGM19, JSC83, Tak93]. Pipelined [PLL08, ISHY88, PLL10].

PipesFS [dBB08]. Pisa [FL08].

Piscataway [FC98].

Plagiarism [PAMP12]. Planar [AK09a].

PLAs [KTU87]. plasma [AP90].

Platform [HZ13, MFMA15, MFMA17, PYY19, ZLN11, FNP09].

Platform-Specific [MFMA15, MFMA17]. play [FHW10]. Plexus [AB09].

plush [II09, MI07]. plushie [MI07].

PODS [ACM95b, ACM99a, ACM07, HF13, ACM90a, ACM91a, ACM92a, ACM93a, ACM94a, ACM95a]. PODS’08 [LL08].

PODS’11 [Len11].

PODS’12 [KLB12]. PODS’13 [HF13].

Point [CM08, GIMV03, HG86, MU02, UKK10, VKA94, ZHWW12, dRL95, AK09a, ACT10, CGK08, CS90, RTH14, WC14].

Point-Pattern [MU02]. pointer [MF96]. points [Jon13]. Poland [Win78]. Polaris [Wen94].

Policy [LTL04]. Polling [LTL04]. Polymorphic [Vou06]. polymorphism [DRW95].

Polynornial [BCC13, ISNH94, WP93, EMT23, FLM10, GH09, Liu91].

Polynomial-Time [ISNH94]. polypeptides [SHCY93]. Pool [BTTF02].

POPL [ACM94a, ACM95a, ACM87]. Population [TMV01].

Population-Based [TMV01]. Portable [IEE99, IEE01b, IEE01c, IEE01d, IEE01e, IEE01f, IEE01g, ZGE85].

portfolio [LH13b]. Portland [ACM94a, ACM00, BGN94].

Posets [FK16].

Position [OS11, PRU11, SOR16]. Positions [IY02a, IY02b]. POSIX [IEE99, IEE01b, IEE01c, IEE01d, IE01e, IE01f, IE01g, ADU16, BbvM21, BT21, SL14, Urb23, Kuk17].


Powerful [Ano97a, Pol01, Fri97a, NTS93]. Practical
proceedings [GU95, HM96]. Proceedings. [BGG+94]. Process [Gro91a, HHW+99, Sid95, Sid99, Sid00, Sid02, VVV04]. Processes [SBF80, AB89]. Processing [AKW85, AWD+18, CCL87, GWX+23, GSL17, Jlk+20, Llcc17, LPJ23, Ljd77, Pyy19, SrV+19, Sk17, Tmk+02, Vcs+12, Vkp17, dLbc22, vNg01, Cl09, Ck08, Ecss88, Fgr72, Gre88, Knt15, Ksh+15, Kit94, Qwx+13, Zxl+13]. Processor [Hkl+14, Rsg+19, Tt22, Lhc04, Me97, Mm07, Sas79, Tlll07, Wkr09, Cpw88, Sca11]. processor-based [Lhk04]. Processors [AWS16, Ly17, Vcs+12, Vsp08, Yp13, Tlll09, Yias89]. Production [Dwe89, Muht96]. productivity [Ap13]. products [Yod91]. Professional [Hz13, Jns08]. Profile [Fhd09]. Profile-guided [Fhd09]. Profiles [Sb09, Pjp+18]. profondeur [Alb89]. Program [Asjd21, Cl+15, Jp73, Mu95, Mnt95, Wea94, Fil21, Kord79, Kmmnp85, Mag81, Mpo9, Mn95, Pei87, Pep91, Pra97, Wzs95]. Programmable [Cfs+89, Ghk+91, Lk90, Oa17, Wzl+23, Lk88, Mm07]. Programmer [Ak85, Bf97, Hhw+99, Mae94]. Programming [Ac93, Bdm+16, BAC06, Bk89, Cm86, Coh90, Dv21, Ear74, Fls88, Hjw+92, Ks08, Kn19, Mor02, Mye99, Pie08, Rob87, Smi91a, Str13, Yias89]. PROGRAMS [By91, Bir77b, Egp14, Rnd97, Vmll15, Web95, By92, Bk86, Gol90, Hn90, Jon07, Koi94, Kap69, Nw99, Nar08, Ok94, Or11, Rns92, Sltb+06, Dh05]. PROGRES [Zue96]. Progressive [Czw15, Xmlc11]. Project [Yc22, Bw91]. Project-Based [Yc22]. Projections [Wei83]. PROLOG [Wei84, Cfs88, Gan89a]. Proof [Asp12, Cd18, Fil21, Kn12, Sha88a, Ww93, Adu16, Cdp16b, G080, Pptt15, Rns85, Pux97]. Proof-directed [Fil21]. Proof-relevant [Cd18, Cdp16b]. ProofChecker [Sbr+07]. PROOFS [By91, Ghw05, By92, By96b, Kpp21, Sbr+07]. Properties [Sli78, As85, Fwdl15, Lmn16]. property [Kkm+85, Lm13]. Proportion [Aw89]. Proposal [Liu88]. Protein [Bnv+13, Cls+13, Ccl87, Lstw+17, Les95, Lz18, Mgw14, Nro3, Pol13, Vg01, Flls93a, Flls93b, HAl02, Kd15]. Protein-DNA [Clst+13, Lstw+17]. Protocol [Xz1+19, Ab09]. Protocols [Gkw+10, Hl10, Hsl10, Srk20]. Prototype [Mu95, Mnt95, Mm95].


Ale94, NR21, RKH02, SD95, CADA18, CRV06, Jan23, Rou21, SN94, Yao79].

Randomized [AJS92, ACD01, BST⁺03, CGG⁺97, KR81a, KR81b, KR87, TWZ23, AGW13, CH97b, I86]. range [HFI⁺08]. Rapid

CG79a, CG79b, Gri79, Bak78, AWS16]. Rapidly [Dav73]. RASSA [KYG19]. Raster [AGS93a, AGS93b, AGS93d, AGS93e, AGS93c]. Rationale [IEE01c, IEE01d]. Ratios [Huc21]. ray [SS93b]. RDF

HRN⁺15, KSH⁺15, LRV13, LRSV18]. Re


Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].

Realization [CEW58, Kle56, TB00, XK92]. Rearrangement [AAB+09]. Reasoning [ADT15, G01, PSS88, BGM13, CM90, Gal75, NNSP22].
KTU87, Kea91a, KP99b, KP99c, Kin92, KM92, KM95a, KHH16, KMRY20, KN12, KV15, KZ02, KST12, LS99, LS06, Lar98, LKM23, Lec09, LHZ98, LM01b, LTV15, LT16, LN19, LT09, Loh10, Mad01, MS98, Mag81, MS99, MS99+14, MSZ17, NR99a, NR01, Nav01c, Nav04a, NR04, NR21, NH11, NM10, OS11, OWP16, ORg03, ORT08, ORT09, Pak91, PM78, PPA10, Pat71, Pet02, Pik06, Pra97, Pre99, Ray96, Rez92, RD17, Ric79, Sab76, SA96, SCa11, Sch99, SD95, SS93a, Sou99, Spe85a, Spe85b, SM99, Ste03, Stu07, SV14, SL14.

Regular [SL17, TV14, TB00, Uma97, VCS+12, VHC88, WPKL13, Wat96, Wen93, WMM95, WZU14, XK92, XLC19, Yam01, YPG21, YP12, YQW+16, ZGS+15, ZMWL20, ZCH23, Zia96, dLFM07, vNG01, AFI98, A118, A192, An97a, AGM05, AM95, ANO97, AOMC07, ACM02, ADU16, BCG07, BCG09, BBG96, BBG13, BSL13, BslFED+20, BGD91a, BDFR08, BvdM17, BvdM21, BvdM23, BS86, BNSV10, BFC08, BFG09, BG22, BBM21, BK86, Bra95, BH07, BKW92a, BKW92b, BK93c, BK93d, BK93, BDM19, CS09, CPG03, CP97, CJR+21, CJBW13, CX20, Ch17, Cho78, CK02b, CLT07, CK08, CGPS13b, CGPS13a, CS11b, Cox10b, CDLM17, DL03, DF00, EZ74, EZ76, FL71, FDG+11, Fli21, FHW10, Fos89, FS19, Fri97a, Fri06a, GLR´A11, GR92, Gef03, Gli10, GL03, GS07].

Regular-Expression [BTC06, Han13a, ORT09, SCF+17, WR15]. Regular-like [BTG83, MPW21]. Reifial [MMDdJ11].

Reinforcement [KK02]. Related [CHZ06, AS85, Gro91b, Sr93]. Relation [KN12, MR92, Pre99, LSV08].

Reliability [FO76]. Reliable [KKSL01, CDC96]. Remark [Tho81, Pet95, TCC91]. Remarks [CR87]. REMatch [RVV23].

Reporting [MOG98]. representable [Dow93].
Representation [NR01]. Representations [KAN+17, YB13, ZC89, ZZH16].
Residue [BM00]. Resilient [ABBH+16, RMK+14]. Resistive [KYG19].
S [Tal81, BGFK15a, BGFK15b]. safe [HS08]. safer [Rén17]. safety [FF08]. Salomaa [AFI98]. salute [FvGGM90]. sam [Pik87, Pik00]. Samples [GZ94, ST96b, ST96c, Tak94, Kin91]. Sampling [FMP20, GPR95a, Lut02, Vis91, WS16, CGR93, Vis90, ZHWW12]. San [ACM92c, ACM92b, ACM93b, ACM95a, ACM95b, DT87, IEE94b, KP15, Sto92, USE92]. Sandeep [Hig95]. sanitizer [VS11]. SANTM [TJGY22]. SAR [B02]. Saratoga [Kap92]. SASL [LT90a]. Satellite [SS93a]. Savage [Sal01]. Savage-Smith [Sal01]. Saving [Bre93, Bre96, GS80]. Scaffold [LJZZ13]. scalability [KNT15]. Scalable [ARS16, ACM92b, ACM93b, ACM95a, ACM95b, DT87, IEE94b, KP15, Sto92, USE92]. Scale [LP13, LYWL08, TZYH14, WHZ+17, ZWH+21]. Scaled [BEL04]. Scaling [HW12, MS01, LYWL08, TZYH14, WHZ+17, ZWH+21]. Scan [MIH17, Gre88]. scanner [Hur84, ISHY88]. Scanners [HKR92]. Scanning [AKW85, PW+11, CWZ10, HFI+08]. SCCs [ZYQ+15]. Scenes [B98, BSM+07]. scheduling [LMMN07, Mid98]. schema [HK08, MNS07, dLFM07]. Schemas [BGNV10, MNS10, KS07]. Scheme [Bur84, FK16, JDXD13, Man94, Man97, Bur82, Kod79, KRL87, LH13a]. Schemes [KK08, Pel87, QWX+13]. School [Cro92a, Ana92b]. Science [ACM89, FJ92, Gus97, IEE89, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE99, Ker04, Win78]. Scientific [WCM+94b, ORPF13, WCM+94a, WZS95]. Scopolopax [ORPF13]. Score [Ben94]. Scores [CLST+13]. Scoring [KK08, ONS01]. Scotland [AOV+99]. Scottsdale [KLB12]. Scratchpad [JT94]. screening [QPWH08]. Scrimsaw [Arn93a, Arn93b]. Scripting [Fri97b, RB05, BFN+09, BH13, Bhut08, FhDAF09, Han01, LS99]. ssh [Sar02]. SDN [AV23]. SDN-Based [AV23]. Search [AC75, HR02, BYKZ+92, Ber00, BK93g, Cal00, Cha91, EF13, FG98, FL99, GN19, GG97, KR94, Lut02, Man86, MM96, NR99a, NR01, Pol01, Rob88, Snn91b, SED14, SOR16, SJNS19, SB09, Sun90a, Sun90b, Tay97, WWW+16, WT89, YDDB15, Zha07]. ZGS+15, AB09, AVN22, Bar84b, BC13a, BPM02, BC06, FG95b, FG95a, FG99, Git96, GHK14, HH16, JBV96, KW05, KJS17, KM84, LGZ+14, MRR+18, MKSia98, NR02, ONSk16, QCC+13a, QCC+13b, QLY07, Rai99, SCF+17, YNMM86, Tan14, Tho68, WDG+14, WT88, YH+15, ZBST14, dKM04, Cox12]. Search-Space [ZGS+15]. Searches [DNM00, GN01, MM93, MT14, Ne96, Shi96, Feln01a, KSO8, KBN09, MW92b, Men89, SMS15, WR15]. Searching [BY89, BK93a, BPM02, BS97, BM77, Bur11, CFG12, CC97, CCL87, CR95c, Dmr92, Dv93, EF95, Gon93, HL94, Hor80, HS90, HS91, Kn98, LD98, Man94, Man97, MNS84, Nav01c, NR03, Nav04a, NR04, PWW+11, PW12, Rai92, Reg92, Roo99, Ros95, Snn94, Ste94, TTS2, VSP08, ZMS93, AG86, Apo93b, AEMS14, Ay91c, BYG92, BYG96, BD80, Bar84a, CD96, CEMW91, FGG+08, GO80, HK94, Han93, IA80, KIH15, MHA05, Mus03, Mus05, Owo93, Per94, Ryt80, SNZBY00, WL15a, WM92a]. Seattle [ACM74, ACM98]. Sebastopol [Ano97a]. Second
[ACM83, ACM00, Ano12, ACM90b, Dow91, TPT13]. second-order
[ACM91, TPT13]. secondary [BA15, MP05, AVN22]. Sections [DCM15],
Secure [BEM+12, BEM+13, EF13, HT14, SSB19, SJNS19, DA18, SCF+17].
Security [HL10, LN19, MW94, PP06, Rei03, SALP20]. seed [Dou91, Bar90],
seed [CCI+13]. Seeded [LPR08]. Seeds [Zha07, FCLST07]. SEFT
dKM04]. segmentation [IIK08]. Segments [EIV04]. Seiki
[SM04]. Selected [Cro92a, Moo64, BW91]. Selection
[Bon07, CMR18, Gie90, LH13b]. Selections [CvW18]. selectivity
[JKN800, STKD20, TP07a, TP07b]. Self
[CG87, TJJGY22]. self-composition [AGH+17]. self-determination
Semantic [Gan89b, Har97, II08, Coo86, IIK08, MP09, OA17, SG12, AGP18].
Semantica [Har97]. semantically [ELF22]. Semantics
[Dan91, Gud92, MNR+23, Pag78, PAG09, BvdM17, Ch108, Mal93, San15].
Semantics-directed [Dan91]. Semi
[KV15, LYT+23, TMK+02, BGHZ15, Rob79]. Semi-Extended [KV15].
Semi-structured [TMK+02, BGHZ15]. Semi-Supervised [LYT+23].
Semiring [AS85]. semirings [GHKL18]. semistructured [BS00].
Sensemaking [LLS+20]. Sensitive [CK02a, SA96, TPT13]. sensor
[NCV10]. sensors [BWG12]. Sentiment [THQ19]. Separated [Pol13].
Separating [LMM17]. Separation [Kul11]. September
[ACM+01, AOV+99, Len93, MG94, Win78]. Seq [SNB+19]. Sequence
[BLP94, BGM19, BDFW94, Bra90, CCL87, GM02, KPP19, KS99, KK08,
LPT12, MWG14, RND97, CLT07, ETV21, GO12, HAF12, MBY91,
NT20, VS97]. sequenced [GW92]. Sequences
[BLP18, BEL17, CvW18, Gus97, Hua94, IMR08, LJJ+17, MT14, NEL17,
DKP11, GGN06, HIEH22, IHEH23, KB22, KR14, LVN87, MZZ10, NR02,
Nil90, RLP20, Sish4, SN94, Sid95, Sid00, Sid02, ZKCY07, Lat02].
Sequencing [RM06, WGL+15, FSL+15, KRML09]. sequentiability
[Gal04]. Sequential
[BP63, Brz64a, Brz65, Dur94, GR99, GPR95a, Liu14, Man86, Moh94, MR13,
Moo64, OF61, PM78, RS98, Wei83, Zve80, JM90, MMZ10, TTO+22].
SEQUITUR [MHM+01]. Serial [WSVS22, GS93b, GS93c, LV86b, LV89].
Series [KL02, MR09b]. Series-Parallel [MR09b]. Server [GL17, SWZ01].
Server-Side [GL17]. service [CADA18, PM23, ZBST14]. Services
[KPP19]. SeSG [AVN22]. Set [HL10, Hig86, Hui92, KF91, CGK08, CP10,
KR97, THL+20, WC14, dRL95, TJD+17]. SETH [EMT23]. Sets
[AGM19, BNV+13, EIV04, Pol13, Pru17, Via02, AK09a, Alb89, CS98, Che96,
Cho78, Kin91, LMM17, Mat94, Rot91, Sta89, TZHY14]. Setup [SOR16].
Seventeenth [ACM89]. Seventh [LL08, ACM95c, AAC+01]. SGML
[KB93b, BKW92d, BK93c, BK93d, BK93e, MG93, MG97]. SHA [KJS17].
SHA-1 [KJS17]. shading [BSM+07]. Shallow [Cam99]. Shankar
[Pux97]. Shape [BZ98, CTF+98, YJ84, DOS93]. Shapes
skip [Hua98]. Skolem [Kar82]. Sleeping [ABF96]. sliced [KRL87]. Slicing [DSv94]. Sliding [FL12b]. Small
[CLP98, CGPR95, HSW97, HSW01, MPN+14, NTS93, STK10, Sca11]. Small-Ruleset [Sca11]. Smaller [GPR95a, GLR91]. Smallest [Man75].
smart [JR15a]. Smith [Sal01]. smoothed [AK12]. Smoothness [ZCS+12]. Smurf [CADA18]. SNOBOL [Bro77]. SNOBOL4
[Duf82, Gim73, Gri85, Liu86, Sch81, Sil77, Gri83, Pag78]. SNOBOL4/Icon [Gri85]. Snowbird
Soft [CKC07, How97, How96]. Software [Bee81, CS18, FO76, IEE94a, IEE95b, KPA10, MG94, PAMP12, Cox19, Gre88, Joh01, Jon13, KOI94, MP88, PA10, San09, Spe85a, Spe85b, Bol02]. Solaris
[Roh99a, Roh99b]. Solution [Hea71, B+05, BLPL92, Goo05, Sch81, YCJK08]. Solutions [Gon02, Sto96, AI18, BBHK14, DL03, Sta89, BGG+94]. solved
[SSLL21]. solver [KGA+12]. Solvers [ZGS+15]. Solving [BK93g, CFLH+22, FR17, SED14, Tar81a, Tak96a]. Some
[Fen01b, Gal76b, Liu86, MW92b, Sli78, WCM+94b, Wol90, San15, WCM+94a]. Sorted
[Wal88, Gie90, Kes91]. Sorting
[BS97, CMR18, Chr96, JRV96, Knu98, FCFM00]. sorting-complexity
[FCFM00]. Sortedton [FMG22, FMG23]. Source
[AWD+18, Bol02, EZYA23, MFMA17, SED14, AG06, Joh94b]. Source-Level
[MFMA17]. sources [ST96a]. Sourcing [CDL+15]. South [ACM93a]. Space
[BC13b, Ben94, CF06, CZ01, Cha94, CF85, CDEK95, CJPS13, CR95c, CGPR95, GSS80, GHST17, GPR95a, GP01, GP03, KC87, LT09, McC76, SY23, SW75, ZGS+15, AK08, BCWG09, BGM13, CD96, CGR99, GS81b, GS83, GPR95b, GO12, IKX15, KR89, LMT14, PLT14, Rob79, SW12, SNM+13, TJ+17]. Space-Economical
[McC76]. Space-Efficient [BC13b, SY23]. space-optimal [KR89]. Space-Time
[CF85, GHST17]. Spaced
[Zha07, FCLST07, NCV10]. Spafford
[Hig95]. Spain
[BMVT13, LV06, NH11]. Spam [ZGY+16, KEG+08]. Spanners
[ABMN20, FKRV13, FKRV15, FRU+20]. SPARQL
[LM12, LM13, PAG09]. Sparse
[WSW16, HSL10, Quo92]. spatial [CS98, CFCK22, FLC+19]. spatio-temporal
[PMD01]. Speaker
[PG90]. SPEC
[KL02]. Special
[ALLL98a, AK09b, AGS93a, AGS93b, AGS93d, AGS93c, Ano17, DT87, ALLL98b, Cro92a]. specialisation
[Jon07]. specialization
[ADM+13]. specialized [GASA+13]. Specific
[CDC+23, MFMA15, MFMA17, MGW14, MSS+19, TMV+01, SH+16, WKR09]. Specification
[BG91a, Lut02, Sou99, SMT+86, MRA+17]. Specifications
[NCJF18, JM90]. Specified
[ZMSD93]. specify [CFM00]. Specifying
[Lus94, Lut02]. Spectra
[BM08, SHCY93]. spectrum
[ZHWW12]. Speculation
[JA17, JXA20]. Speculative
[NYnR15, RP95]. Speech
[JLH18, Kul11, PG90, RJK79, AAB+86]. Speed
[BYHT18, FL12b, JGZL12, LK90, PW12, VCS+12, ZL18, Git96, KM84,
LK88, PLT14, TLLL07, XMLC11, ZYX+12. Speeding
[CCG+94, Deo06, SKF+00, AFC05]. spelling [AB89, BSY00, TIAY90]. spelling-correction [BSY00]. SPIRIT [GRS99]. Split [KKK11, TBS06]. Splitting [RTT02b]. Sprachen [HU92]. Spreadsheet [GHS12, SG16]. spreadsheets [BGHZ15]. Spring [Ano87]. Springer [Neu10]. Springs [Kap92]. SQL [AV23, BJK+12, FPD08]. Square [ACM83, CIK98]. Squares [CR95c, Rao94, IMS97]. Squib [SM99]. SSD [PYY19]. St [IEE90, TSM88]. stability [Sid99]. stable [KT90]. Stack [ZZ12]. Stack-based [ZZ12]. STACS [FJ92]. stage [JGMP22, YCJK08]. staged [PSK17]. Standard [IEE01a, IEE01g, IEE01e, IEE01c, IEE01h, IEE01b, IEE01d, XLC19, BR09]. STAP [ILBHC22]. Star [BMMR19, HY90, Tho81, YH92, tC09]. star-free [tC09]. star-height-problem [Tho81]. starting [Mid98]. State [Bow87, BDM19, CZOdlH17, CM58, Gol93, Han13b, JA17, KLH16, MY60, NRS18, Sut21, WDG+14, Yun12, vNG01, Gaá04, HW07, Hur84, JXA20, MMS14, VHL+12, Yod91]. State-of-the-art [WDG+14]. Stateful [VKPI17]. Statements [JP73]. States [DGBH93, LK06]. Static [Cha02b, HV93, JGZL12, WHZ+17, ZWH+21, ALLS07, Aoe89, FhDAF09, GLS07, HS08, JU91, LYWL08, MP09, PIR17, PM23]. Stationary [KS96, ST96a]. Statistical [BGJ01, GS93a, GWvG10, THQ19]. Statistics [Liu14, Jan23, Maa06, ZZJC20]. Std [IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d]. Steady [Sut21]. Steady-State [Sut21]. stem [YHV+15]. step [BD98]. Stereovision [PDL98]. Steven [Ano12]. Stieltjes [KC11]. Still [Gon02, LS06]. STOC [ACM08]. Stochastic [SBHM94, YPG21]. Stone [D+23]. Stopper [RTT02b, RTT02a]. Storage [BK75, JLK+20, PYY19, All82, CDC96, GS81a, SCF+17]. Strategic [Vis99]. Strategies [CJ93, MM02, AVN22, AG86, HBRV10, MM03, MLM+08, PSK08, PCS99, IA94]. Strategy [Bon07, EMC96, AEH94, LLL13]. Stream [PP06, Ni90]. Streamed [DCM15]. Streaming [BG14, GKP19, PP09, BGFK15a, BGFK15b, GHR+16, MRA+17]. StreamQRE [MRA+17]. Streams [CJPS12, DLG12, Har02, CL09, CGM10, San15, SGCW14, TSI13]. strength [Moo12]. strict [HJW+92]. Stride [PW12, VWR11, NYuR15]. stride- [NYuR15]. striding [ARS16]. String [AOK02, Abr87, AC75, Aku94, AR00, ACR01, ADR15, AYS84, iA94, ACD01, BST+03, BY89, BYP92, BYN96, BY96a, BYN97, BYN99, BCP02, Bar84b, Bee13, BK93a, BEL17, BH02, BH5, BGP+22, Ber00, BLLP90, BL94, BM00, BGVW12, BGS23, BM77, BG92, Bre93, BCT94, BG95, BCT98, BGG12, BG14, BK93g, BZ98, Bur84, CZOdlH17, CF06, CFP19, Car77, CF88, CK02a, CLS+10, CL92, Cha93b, CM94, CL94, CCH09, Cha91, CL97, CLP98, CN02, CTF+98, CHL14, CH04, Chn95, CW84, Col94a, CHPZ95, CH97a, CH02, CP91, Cro92b, CCG+94, CR95c, CGG+97, CIK98, CIM+02, Dav82, Dav73, DW17, DNM00, EMC96, EMTG23, EZYA23, FT95, FT98, FL12a, FL12b,
FMP20, FR17, FG98, FL99, FV16, FPT22, Fra20, FU98, Fre02, FT04. **String** [Fre06, Fre78, Gal76b, Gal79, GS80, Gal81, GP90, GG91, GG92, Gal95, GPR95a, GHW05, GZ94, Gon02, GFG11, GV05, GMNN12, GH82, HD80, HL94, HH93a, Hoa77, Hui92, HS90, HS91, MN02, HP05, IK83, JL96, JLF11, JU96, Kha16, KST94, KKK18, KST16, KS11b, KSI2b, KTY+18, KMM15, LSW08, LP13, Le 91, Lee95, Lee98, Les94, LY86, LLLL08, LLLL17, LD10, Liu86, Liu88, LD98, LCL06, LLW+15, LS94, Man75, MM93, Mel95, Mey85, MM02, MIH17, Moh97, MNS84, ML96a, ML96b, Mun07, MM96, MR92, Mye98, Nao91, NR98, NBY99b, Nav21b, Nav21a, Ne96, NR15, NE17, OM88, PAMP12, PLL08, PWW+11, PW12, PK95, PP94, Pet07, Phi94, Ra92, Rao94, RTO02a, RTO02b, Reg92, RHH02, RPE81, Ros95, RDF23, RNOM09, Sad96, SV94, STK10, SD95]. **String** [Shi96, Shi92, Shi97, Sim94, Sli78, Sli83, Smi94, Spi99b, Ste94, SJNS19, ST95, ST96b, ST96c, ST04, Sat21, TS05, TU93, TP97, TT82, TGL15, TPCM12, UW93, VMM15, VSP08, WT89, Wri94, YP13, YDW18, ZS17, ZS13, ZGS+15, ZWL20, de 82, van14a, van14b, Aku95, ASM17, AFC05, AVN22, ALP04, AAK+09, AEK+11, Aoe89, AG86, AES14, AGW13, Ayc15, BFKL13, BYF96, BYP96, BD80, BSY00, Bak78, Bar84a, BR09, BKBB+14, BLPL92, BFG90, BFP+08, BG90, BG91b, BCT93, Bre94b, Bre95, Bre96, BGM13, BUR92, BLO04, CADA18, CCF13, CL90, Cha93a, CDM05, CW13, CW18a, CW18b, CN21, CFL+22, CR87, CH92, CCG90, CD96, CM07, CGR99, DAI09, DR06, Dec06, Der95, DC94, DR06, DHH01, EMT23, FLST07, FL13, FS22, Fen01a, FG95a, FMdB99, FG99]. **string** [FGG+08, FBMA05, Fre03, FN04, FM06, Gal75, Gal76a, GS81a, GS81b, GS83, Gal84, GS86, GS87, Gal92, GPR95b, GL94, Git96, GBY90a, GBY90b, GF08, GL89, GV00, GO80, GHK94, Han93, HY92, HF95, HR03, HH93b, HHH93c, HOK18a, HOK18b, HM00, HL5+11, HK77, HHL06, HFN05, HYy08, IP96, IMS97, Ind98, IS90, II08, IA0, JL93, JH95, JU91, KB22, KST92, Kim99, KWL07, KC21, KNT11, KS96, KST16, KPA10, LV86a, LV86b, LVN87, LV88, LV89, Lar99, Lec07, Liu81, LHCK04, LT97, LLLL13, Mae90, MNU05, MBY91, ME97, Men89, Mhu05, MM03, MM07, Mis03, MS95, Mus03, Mus05, Mye99, Nak14, NHH+20, NBY99c, NR00, NKT+01, Nav01a, NF04, NT05, NC06, Neb06, NC92, PLL10, PA10, PPK18, RUG97, Ryt80, RLP20, Sad93, SY23]. **string** [STK06, Sal12, SW90, SZ05, SMS15, ST96a, STKD20, SG12, SR16, Sp99a, SV97, TYN96, Tak96b, TS06, THG17, TPT13, Ukk92, Ukk93, VRC24, VLP17, Vin77a, Vin77b, WD+14, WL15a, WLF14, WT88, XMLC11, Ya97, YTO13, ZZJC20, dB93]. **String-Based** [EZYA23]. **String-Manipulating** [VMM15]. **String-Matching** [BG14, CCG+94, GS80, Gal95, JL96, Kha16, Les94, LY86, Moh97, Mut97, Sli78, Sli83, CH04, Cro92b, BR09, CCF13, CW13, CR87, CGR99, DR06, Gal75, Gal76a, GS81a, Gal92, GPR95b, HY92, HR03, JL93, KST92, LHCK04, PLL10, TB960, Ukk92, Ukk93, dB93]. **string-pattern** [Kim99]. **string-searching** [Mhu05, Ryt80]. **string-similarity** [BSY00]. **String-to-Dictionary** [KS11b, KS12b]. **string-to-string** [Mae90].
stringdist [van14a, van14b]. Stringlish [Ayc15]. Strings
[Ale94, BS97, BCFL12, Chu95, Col94b, FT98, Gaw13, GNU94, GL01, Gus97,
HUN+19, HT17, Hor80, Huc21, ISNH94, KRS95, KRS97, KAN+17, KMP77,
LT03, Lut02, Shi96, SW09, Ver92, YQW+16, Zha17, ADR03, ADR06, BLSS03,
BFK+03, BC95, CD89, CR91, DGG+19, EH88, ETV88, FT95, GO12, JRV69,
Jan23, KGA+12, KMP94, KR97, LMM17, LS10, LMS21, McI04, Mei15, NR02].
Strong [BMMR19, GGM12, LS06, MCF+14, WD99, AW89]. Strongly [Dur94].
Strother [Tal81]. Structural [BGJ01, KWLL08, Pik06, Shi00, Shi04, BFS00]. Structure
[CGR02, FMG23, Gia93, Les95, Pol13, Si178, TMV+01, AP90, CRO03, CD96,
FG95b, FG99, FLSS93a, FLSS93b, FMG22, KWL07, MP05]. Structured
[BLIW12, CMNP17, KM94, KS99, BGHZ15, Fla88, TMK+02]. Structures
[Cha01, Cha02a, FB92, GHLW15, GG97, Gor00, GKW+10, LSW08, Lar99,
Lec98, Les79, APTS13, ABH+14, BA15, GMM02, HN90, HTK+21]. stuck
[AEK+11]. Students [DKA+15]. Studien [SM74]. Studies
[JM85, SM56, SM74, SS93a, AVN22]. Study
[CSY03, FTJ95, JM85, KP96a, MM02, MSZ17, OP16, PV91, Sca11, BG91a,
Fen01b, KP96b, PEO89, SSK96]. Studying [MGH93]. Sturmian [BR09].
Style [Cop91, BGWPX22, WW03]. sub [EMT23, VRC24]. subexpressions [Fat15].

Subgraph
[QZC17, XZL+19, EASK14, KNT15, KS+15, LQL+16, SW+12]. Subgraphs
[MSS+19, ESP+18]. subject [ETV88, Sch81]. subkeys [BD80].
Sublinear [CL94, FG98, CL90, CWZ10, CRO99, FG95a, WZ96].
sublinearity [Sch88a]. Sublist [Jay92]. Submatch
[HMM+13, BT21, Lau01]. Submatching [SvS14]. Suboptimal
[Cha94, LS94]. Subquadratic [WMM95]. subscribe [ZCT14].
Subsequence [BGM19, ETV21, HIRS17, TTO+22, ZKA12]. Subsequences
[IF94]. Subset [CH03, Kin92, Pag78, AB09, CH97b, HW09]. subshifts
[Rou21]. Substitution [For02, JSC83, Sch81]. substitutions [LVN87, Pie08].
Substring [AKT20, ACR20, HR92, BYKZ+92, Bur11, CIL+03, F+23, Har71,
Joh94a, KO83, KW05, KRS19a, KRS19b, KRS23, MRR+18, Rob88,
RMK+14, Sm91b, SOL16, Sun90a, Sun90b, Apo93b, BCG+16, BSTU08,
ETV21, FG95b, Gra15, HX14, HTX17, IKX15, JKS10, Maa06, MAI+16,
MKSiA98, Ral99, Rou21, St02, TTO+22, Yal19].
substring-preprocessing [Sto02]. Substrings
[ATX21, Cob94, Fra20, Boo80, FGKU15, GH17, LO94]. subtext [BD80].
subtree [Gro91a, Gro91b, Maks91]. Subtype [WZH12]. subtypes [JM93].
Succinctness [Gel10, GN12]. sufficient [KT90, MR09a]. Suffix
[AOK+22, ABM+08, DNM00, FL12a, GV05, GLS92, Kid09, LS08, MM93,
McC76, NR98, Nel96, Neu10, OR12, Shi96, Shi00, Shi04, UW93, ACFC+16,
BH96, DK13, FCXM00, FS22, GV00, HHL06, Kos94, NR00, TTHP05, Ukk93].
Suffix-Tree [DNM00]. suffixes [BGK+16]. Suitable [CCL87]. Summary
[GH15]. Sums [BM00]. Sup [MP09]. Sup-interpretations [MP09]. Super
Super-Alphabets [Fre02, Fre03]. Super-Pattern [KM95b]. Supercomputers [RND97]. Supercomputing [IEE88]. Superimposed [Ind97]. Superiority [Zha07]. superoptimizers [BA06]. Superprimitivity [Bre94b]. Supersequences [IF94]. Superstrings [Ale94, TY97, Mid98, TU88]. Supervised [LYT+23]. supervision [VR18]. supplement [Ruc15]. Support [GSL17, CL09, GZ10a, Kau92, KAT07, Rob92, ZBST14]. Supporting [SOR16, CMW87]. supports [Nil90, WR15]. surface [TCCK90]. Survey [AKT20, BYNTK21, Brz62, Kni89, HIEH22, LH13b]. Surveyor [Fra83, GHF83a, GHF83b, WNL+83]. Surviving [Cox19]. SVR4 [Rob99a, Rob99b]. Swap [AEP06]. Swaps [ALLL98a, AAL+00, CCFG12, AAL+97a, ALLL98b, Mei15]. SWAR [CL09]. Switches [WZL+23]. Switching [Hoa77]. symbol [Rai99]. Symbolic [ACM94b, Bro93, Cha86, GVD15, Har79, Lev95, Ng79, VHL+12, WN90, Fat15, Nic03, NA90, Ng79, NEH90]. Symmetric [Gil70, SS93a]. Synonyms [LLW+15]. Syntactic [KKSL01, TB00, Wol86]. Syntax [BLS+94, XLC19, AG06, Chl08, Pie08, ZGE85, Zei08]. Synthesis [AI18, BDD+14, CDL+15, BK86, Lei81, SW12, WKR09, ZJL14]. synthesized [Kod79]. Synthesizing [LSO17, PJP+18, SDA17]. Systems [BM00, CFS+89, DMWW77, Har79, IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, KSWC93, KMT+01, KKL01, MM02, NCJF18, SF01, Som82, WHZ+17, Wol86, ZJP+18, AAB+86, BAC12, BG91a, BH07, GPTV93, JGMP22, KAT07, KMS+03, KJS17, KLR+08, KPP21, LHCK04, MI07, Rus92, TIAY90, WCW82]. Systematic [KK95, NAR08]. Systemizing [ZWH+21]. SystemS [ACM93, ACM95a, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, Ane68, Dur94, FYJ+17, GHW05, HF13, IST05, JMS5, KKK11, Kor83, LHME91, LY17, LLS+20, LL08, LZ96, Lut02. MUHT96, Mor83, PMS+18, Sar02, WHZ+17, ZWH+21, ADM+13, CDC96, CFM00, DL03, Fat15, JO97, KKM+85, KLL23, KN00, KKP92, KEG+08, KLB12, KR95, LCC03, Len11, Lus94, SD91a, SD91b, WSS94]. SystemT [KLR+08]. systolic [PS88].
t [KPP21]. table [GHS82]. tables [EF95, Hua98, Mus05, Quo92, SDA17].
tagged [Lau00]. Tagging [JLH18, Kull11, KEG+08]. Take [Roo99]. Tale [Hum88a, VLP17]. talk [Rém17]. Taming [CGZ+13, Hab04, KSH+15].
tapes [Cho78]. target [QLY07]. targeting [All89]. Tarragona [NH11].
TASH [Wes97]. Task [YD95]. TAWK [Eck89]. taxonomy [CWZ10, WZ96].
TBNF [Man06]. TCAM [MPN+14, PD12, Yum12]. TCAM-Based [Yum12, PD12]. TCAMs [dLBHC22]. Tcl [Wes97].
Teaching [GOMSJVGP08, Far19]. Technical [BYKZ+92, Spi99b]. Technique [Vis91, ZT89, Bak78, CK02b, Fla88, IHEH23, PC02, Vis90].
Techniques [DCM15, GS93a, GL86, HH93a, Kuk92, Mu 95, MuT95, NR04, Tho68, Ano97a, DOS93, EF95, Fri97a, HH93b, HH93c, MSRR00, Mun95, PPPdG20].
technologies [OKT92]. Technology [IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01f, IEE01d, THG17].
Template [MME14, SN92, Coo89, FLSS93a, FLSS93b, SS94, SA77].
Templates [HL97, ZGY+16]. temporal [PMD01]. tenant [SDA17].
TENCON [Bao93]. Tennessee [ACM90a]. Tenth [IEE94b]. ter [Lia84].
Term [Dur94, Lav91, Pet92, PS93b, KN00, KM84]. Termination [GHW05, JR15b, AP13]. Terms [Cha02b, ZMSD93]. Ternary [KAN+17].
Tessellation [Prü17, TIT83]. Test [Har71, Liu74, AG84, PPPdG20, RP95, SMS15]. testable [Mei08]. Testing [Bre94b, HHW+99, Hei01, Lut02, ZMWL20, GM17, Han92, KKM+85, MF96].
tests [Thi93]. Texas [ACM97c, NEH90, IEE94b, IEE95b]. Text [BBH+87, CC97, Dav82, DW17, Fal85, FMP20, Gib21, GN01, Gon83, Gor00, GV05, GW+10, How97, KR92, KTSA99, Kuk92, KX12, Man94, Man97, Nao01, NR99b, Nav01c, Pik87, Pik00, Rei77, Ritxx, STSA99, SKF+00, TMK+02, TT82, TGY22, XPZ+23, ZA87, AMB+02, AVN22, ALLS07, BYG92, BYG96, BCD98, BGFK15a, BGFK15b, BC13a, BPA102, BPR20, BFN10, CL09, CHLS07, CR95a, CM95, CEMW91, CL06, GGF13, Gre88, GV00, How96, Ier09, IO08, KR89, KTSA98, KWLL08, KM84, MW92b, Mus03, Mus05, NKT+01, NT05, NM07, OKT92, RH81, San95, SK96, SNZBY00, WM92a, YT03, dKM04]. Text-Based [GW+10]. text-compression [CL96]. Texts [BKP97, BK+02, BG95, CFG12, CL95, FT04, Lut02, ML96a, Rao95, TMK+02, BFKL13, BS00, BFG09, CD96, D804, JU91, KS01, KBN99, NR02, Sen00]. Textual [BH85, Haz01, Joh94b, ZBST14].
Texture [VB98]. tf [TP07a, TP07b]. tf-idf [TP07a, TP07b]. Their [Brz62, CJM12, GIM73, HN05, MHKR12, OF61, RS59, BRL31, BdF+20, CX20, GR92, KSVJ15, Lau00, NEH90, Pei87]. Theorem [GL19, Kau92, KP96a, Sha88a, BKM95, HA90, KP96b, Kun95, Mool12, Pie95, Rus85, WZU14]. theoretic [Pie08, Siri3]. Theoretical [CL92, FJ92, MAC14, Med23, BGWXP22]. Theorie [SM74]. Theory [ACM69, ACM74, ACM76, ACM81, ACM84, ACM86, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c, ACM99b, ACM00, ACM08, AU72, AU73, DMVT13, GM17, HU79, HU92, HU01, HU07, Lut02, Pat92, SW98, AFI98, Bak93, CD18, CS11b, Far19, Han02, HR00, SBR+07, VV04].
transformed [AMB+02]. Transforming [SG16]. transit [BWG12].
transition [BG91a, CW13, GT90]. Transitions [OS11, Gef03, Lau00].
Transitive [AS85, LH03]. Translating [HSW97, HSW01, Rev91].
Translation [AU72, AU73, Gef03, Ver70b, Ver70a, Rot91, TZYH14].
translational [Man06]. translations [GFG11]. Transmission [Jok90].
transport [SNM+13]. Transposition [LT03, MNU05, Deo06].
transposition-invariant [Deo06]. traversal [NRO12]. traversal-based [NRO12]. Traversals [Sto96]. TRE [Ano13]. Tree [AGT89, AM91, AYCLS02, Cha02b, Cha02c, CHZ06, CH97b, CH03, CMNP17, CMNP18, DNM00, DGM94, FV16, GHLW15, GL19, JZW94, Kid09, KM94, KLH16, LPR+08, MS98, McC76, MSZ17, MOSZ18, RR90, Shi00, Shi04, Sto96, BDBG3, BTN83, BG99, KS11a, Kos89, Ma93, SGYM00, SSL21, TMM20, Vout06, CRG02]. Tree-Like [GHLW15].
tree-manipulation [Mal93]. Tree-Structured [CMNP17, KM94].
tree-walking [EHS07]. Trees [BYCMW94, BCP02, FK16, GHLW15, Gol93, Gro92, GV05, Gus97, HO82, JZW94, Nel96, RR92, SCFC94, Sim83, ACFC+16, CPT92, Gro91a, Gro91b, GV00, JRV96, Kos94, Mäk89, TTHP05, TJMC20, Ukk93, Ver92]. Trial [LRV13, LRSV18]. Triangle [IEE89]. Triangles [GP18]. trichotomy [BBG13]. Tricks [Abb94]. Trie [CCH09, GO12, KW19]. tries [BYG96].
Tuning [Rai92, Smi94]. Turing [GOMSJGVP08]. Turkey [SMD04].
Twig [DLG12, BKS02, KRL09, MMZ10]. twigs [RM06]. Two [AF92, ABP94a, ABC+04, Aon08, ADLM96, BYN98, BR20, BKL97, BK+02, Bir77a, BGJ01, CDM15, CL95, CHZ06, CHLT14, CO27, CP91, CR92, CGR93, CCG+94, CGPR95, CGH+98, CIK98, FU98, FNU02, Gal76b, Gia93, HY92, Hum88a, HW12, JSC83, JU91, KPR00, KU99, LY86, Mfg77, Mid96, MPW21, Ott94, Par96, Prr17, She59, TIT83, ZTL+19, ZTG9, AK08, ABP94b, AKT06, AGM05, ADLM01, BYR93a, BYR93b, BA84a, CK02b, CP10, CCG+93, CR94, GP92, HY90, HLN90, KLL23, KWL07, KM13, dSOMY15, Par98, Rot91, SN94, VLP17]. Two- [KUU]. Two-Dimensional [ABF94a, ADLM96, BYN98, BKL97, BK+02, CL95, CLHT14, CR92, CGPR95, CGH+98, CIK98, FU98, Gia93, HW12, KPR00, Prr96, Prr17, ZT89, AF92, ABC+04, CGR93, Mid96, MPW21, TTT83, ABP94b, AKT06, AGM05, ADLM01, BYR93a, BYR93b, CR94, GP92, HLN90, KM13, Par98].

Two-Way [BR20, Coo72, CP91, She59]. Type [JM93, Sou99, Van06, CD18, CGPS13a, CS11b, FF08, JO97, Nil90, Pie08, Ron21, ZBST14]. type-ahead [ZBST14]. type-checking [CP10]. type-theoretic [Pie08]. Typed [JM93, Sou99, Van06, CD18, CGPS13a, CS11b, FF08, JO97, Nil90, Pie08, Ron21, ZBST14].

typeset [San95]. typing [FhDAF09]. Typography [AGS93a, AGS93b, AGS93c]. typy [OA17].


Unbounded [Bre94a, Nil90]. uncertain [GS22, KC15]. uncovering [Edw07]. Undecidability [Hir96, KR95, Dow93, Leu97, XH23].

Understanding [LS+20, TWZ23]. Unicode [Anoxx, Chi17, Dav99, Dav03, Dav04, Dav21, Dav22, NK07]. Unification [Kn89, Wa88, CD16b, CD18, DRSS96, OND98]. Unified [BY96a, BGM19, CLST+13, Tar81b, AP13, DLF+15, GW92, Tsk96a].


Union-Freeness [Nag21]. Unique [AKT20, ATX21, AG84, GHST17, HTX17, IKX15, Van06]. Unit [BK75, Les94]. Units [LLL17, GÁSÁ+13]. Universal [FK16, FMG23, GL19, PS10, Sadd96, Apo93b, CDM05, FMG22, Jon13].

University [Ano97b, Hig95, Hwa85, PC99, HNF90]. UNIX [Ano92a, Gt92, Lud77, Mah07, Qui02, Rei77, Rob99a, Rob99b, Fri97b, Hol84, dB08].


Unsupervised [WWW+16]. UPAK [WKR09]. Update [FG98, FG95a, NNSP22]. updates [Che08]. Upper [CH97a, GG92, Les94, SASU13]. Urbana [Hwa85]. URL [TD18]. USA [ACM06, AP10, Apo92, BGNP94, CG94b, FC98, KF15, SC04, SM09, SM11, DGBH93, FMA02, HF13, IEE09, Kap92, KLB12]. Use [Bo70, IY02a, IY02b, CC97, WSS94, YIAS89]. used [BY96b, Sch91a, Sch91b]. Usefulness [CR91]. USENIX [USE92]. User [KMRY20, SOR16, KMR21]. User-Defined [KMRY20, KMR21]. users [BJ+12]. Using [AGT89, BYCMW94, BCP02, Bow87, BK93g, BZ98, CVW18, CF85, CHP92, CMF00, CW84, Cop91, Dav73, EYA23, Far19, Goe95, GHK+91, Gro92, GL86, GH82, HEWK03, How97, JM85, JKH18, KP96a, KKK11, Kin89, LSW08, LY17, LLLL08, LLCC13, MS98, Mar89, MUHT96, MPN+14, Mei15,
Mu95, MuT95, PAMP12, Rez92, SBHM94, Sch95, SHvR+16, STSA99, Spi99b, ST95, TMV+01, TB00, WZJH12, WBA83, Yun12, ZGY+16, AVN22, AG06, BSY00, BDB90, BGHZ15, BCD14, BBHK14, BWG12, CAD18, CPW88, CP97, CEMW91, DA18, FL71, GS81a, GHS12, GS06, HTK+21, HM00, HHLS06, II08, JLHB92, JGMP22, JSH09, KCPC13, KW05, KP96b, KKM13, KT14, KAT07, KST94, Kim99, KWLL08, KJS17, KD15, KM13, KMM15, KST16, Lab12a, Lab12b, LKM23, LS09, LT90a, LMT16, MW92b, MLC08.

using [Mun95, Mus05, NYuR15, Neb06, NK07, OK94, PIR17, San15, SD91a, SD91b, SW93, SMS15, STKD20, SG16, Spi99a, TM05b, Val09, Vol12, Wri94, ZC89, ZMAB03, ZZH10, ZMSD93].

USL [DWE89]. Utah [SC93, SC04, SM09, SM11, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SM10]. Utilities [ASA17, IEE01e, IEE01f]. Utility [Pit98]. Utilizing [XK92, All82].


versus [ETV21, GGM12, HA90, PW06, TLS16]. Vertices [MSS+19]. Very [ABB93, AAC+01, AOV+99, BYKZ+92, B+02, CLP98, Gon83, NBY99c, PPA10, Smi91b, Smi90a, Smi90b, DC94, ABB93]. VF [Kid09, YK11].

VF-Coding [Kid09]. Via [Eke95, YJ84, AS85, BGP+22, BH13, CDL+15, CS22, EF13, GW95, GZ94, Kid92, KTY+18, KS96, KVX12, MIH17, Mor02, OS11, RHR+21, REPE81, Shih97, SNM07, YCJ08, ZLN11, ZCÖZ12].


VLSI [CF85, Hurr84, LHM91, ME97, TYNM86]. Volume [Kmu05]. volumes [Ruc15]. vulnerabilities [PM23].


wars [Hum88b]. Warwick [PC99]. Washington [ACM74, ACM84, ACM98, HWF90]. Waterloo [Cha86]. Wavelet [SJNS19, GO12]. WAW [A+08]. Way [BR20, Coo72, CP91, JL96, LY86,
Sch91a, Sch91b, She59, Ukk10, CR87, GGL94, JL93, Wad87. Weak [ACR01, CFP19, For02, GGM12, FS22, VR18]. web [Agu23, A+08, LGZ+14, SMS15, AV23, AGP18, CMRV10, KPP19, LZ18, SWZ01, Tay97]. web-graph [A+08]. web-search [LGZ+14]. WebCollectives [Agu23].

Weight [PRU11]. Weighted [BLP18, CLOZ04, DM11, Rob88, BLLP90]. Weights [Nav04a]. Welding [Mu95, MuT95, Mun95]. Weighted [BLP18, CLOZ04, DM11, Rob88, BLLP90]. Widefounded [AP13]. West [Hig95]. WHAM [LPT12]. Wheeler [Neu10, ABM08, DGG+19, ZMAB03]. where [Dow93, JGMP22]. Which [Gal76b, Gus02]. WI [FMA02]. wide [HFS05]. widely [BY96b]. Wild [Cox10a, BvdM17]. wildcard [HH16, LMNT16]. Wildcards [GG95, GG97, GKP19, Zha17, Bar22, DA18, Kas08a, Kas08b, Kas08c, LMRT14, SRK20, ZH10]. Wilson [Rus85]. window [HFS05, PW06]. Windows [FL12b, FG89]. Winter [NEH90, USE92]. Wire [ZL18]. Wire-Speed [ZL18]. Wireless [DCM15, KCPC13]. Wisconsin [ACM81, IEE95a]. wise [MF96]. Within [Wri94, BDFR08, PW93].


Worse [Gal79]. worst [GF08, KT90]. worst-case [KT90]. Writing [Mis89a, Mis89b, YC22].

X [SS93b]. X-ray [SS93b]. XDuce [Fri06b]. Xeon [TLS16]. XML [B+07, ADT15, ALO8, BGNV10, B+07, BKS02, Cam99, Che08, CK02b, CGPS13b, CGPS13a, CMRV10, DLG12, Dwe00, EHS07, FK16, GLS07, Hos06, HV00, HP01, HP03, HV05, KS07, KH06, KRM09, LM01b, MNS07, MNS10, MZZ10, RM06, TB00, dLFM07]. XPath [SSSS10]. XSDs [MNSS12]. XSS [VS11].

Yacc [Cox10c, MD10]. YARA [RKM21]. Yates [Hyy08]. years [ACFC+16]. York [AP10, Ano97b, HF13]. yourself [Abb77]. Yugoslavia [FGR72].

Z [ABF96]. Z-Compressed [ABF96]. Zakopane [Win78]. zippers [DA20]. Ziv [BK93a, BFG09, FT95, FT98, KKP16a, KKP16b, NR99b, Nav01c, NT05]. Zooming [PW06, GPR95b]. zur [SM74]. Zvi [Ano97b].
References


Amir:2009:ASM


Amir:1997:PMS


Amir:1997:IPM


Amir:2000:PMS


Auernheimer:1989:NNM


Ahmed:2009:PSP

REFERENCES


Amir:2004:TDP

Amir:1994:AIA

Amir:1994:OTD

Amir:1996:LSF

Amit:2014:LEP

Adjeroh:2008:BWT
Donald Adjeroh, Tim Bell, and Amar Mukherjee. *The Burrows–Wheeler Transform: Data Compression, Suffix Ar-
REFERENCES

Amarilli:2020:CDE

Abrahamson:1987:GSM

Aho:1975:ESM

Agha:1993:AOD

Atallah:2001:RAA

Aldawari:2005:CSM
Monther Aldwairi, Thomas Conte, and Paul Franzon. Configurable string matching hardware for speeding up intrusion


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[ACM06] ACM, editor. *Proceedings of the Twenty-Fifth ACM SIGMOD-SIGACT-SIGART Symposium on Principles of
References


[Apostolico:2005:CPM]


[Allauzen:2001:EES]
Amir:2020:DIL

Asperti:2010:REA

Atallah:2011:PMH

Arikati:1996:AAM

Arikati:2001:AAM

Abouelella:2013:HEI
REFERENCES

Ager:2003:FPE


Ager:2006:FPE


Alur:2015:DDL


Aksoy:2015:RPE


Ausaf:2016:PLD

Antoy:1994:NNS  

Amir:2011:ASM  

Apostolico:2014:MSS  

Amir:2006:SME  

Amir:1992:TDD  

Aceto:1998:QSE  
Amir:1994:ADP


Apostolico:1984:PMM


Apostolico:1986:BMG


Apostolico:1997:PMA


Atkinson:2006:EPM


Antonopoulos:2017:DIS

[AGH+17] Timos Antonopoulos, Paul Gazzillo, Michael Hicks, Eric Koskinen, Tachio Terauchi, and Shiyi Wei. Decomposition


REFERENCES


REFERENCES


REFERENCES

Arenas:2008:XDE


Albert:1989:CMA


Alexander:1994:SCS


Allen:1982:FID


Allan:1989:POT

REFERENCES


REFERENCES

Amir:2004:FAS

Amir:2008:PEC

Amir:1992:EPM

Aiken:1991:IRT

Antimirov:1995:RER

Atzeni:1997:CP
Adjeroh:2002:PMB


Arenas:2016:FAC


Andrews:2002:KCD


Anonymous:1968:TCA


Anonymous:1987:ESC


Anonymous:1992:AUa


Anonymous:1992:CPM

Anonymous:1996:JBP

Anonymous:1996:JPM

Anonymous:1997:BRMf

Anonymous:1997:BRPj

Anonymous:19xx:URE

Anonymous:2001:MLP
Anonymous:2010:BRL


Anonymous:2012:BRR


Anonymous:2013:TC


Anonymous:2017:ENS


Anonymous:20xx:PPC


Antimirov:1995:PDR


Antimirov:1996:PDR

REFERENCES


Amir:2010:CPM

Abel:2013:WRC

Apostolico:1992:CPM

Apostolico:1993:CPM


[ASA17] Amos Azaria, David Sarne, and Yonatan Aumann. Distributed matching with mixed maximum–minimum utilities.
REFERENCES


Alzina:1999:PMI


Ashdown:1985:PPM

Ian E. Ashdown. Parallel pattern matching and Fgrep. Dr. Dobb’s Journal of Software Tools, 10(9):46–??, September 1985. CODEN DDJOEB. ISSN 1044-789X.

Al-Sibahi:2018:VHL


Al-Sibahi:2021:VPT


Al-Ssulami:2017:FSM


REFERENCES


REFERENCES

Bourret:2007:AXA


Bansal:2006:AGP


Beal:2015:EPM


Beal:2016:CPP


Backofen:1994:RPE


Blume:2006:EPF


REFERENCES


REFERENCES


Bagan:2013:TRS


Blumer:1987:CIF


Bremler-Barr:2014:CSP


Bremler-Barr:2012:AMM


Bose:1993:PMP


Bose:1998:PMP

REFERENCES


REFERENCES


[BCFL12] Péter Burcsi, Ferdinando Cicalese, Gabriele Fici, and Zsuzsanna Lipták. Algorithms for jumbled pattern matching
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Broberg:2004:REP


Breslauer:1990:OTP


Belli:1991:SFT


Breslauer:1991:LBP


Breslauer:1992:LBP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Details</th>
</tr>
</thead>
</table>
REFERENCES

Ben-Kiki:2014:TOP


Berman:2002:CPM


Baek:2018:EGP


Berman:1997:CPM


Boyer:1995:BMT

REFERENCES


REFERENCES


REFERENCES


Bertossi:2000:RNS


Bocker:2008:CAM


Broda:2019:ABR


Bex:2010:ICR


Boyen:2013:MMM

Björklund:2013:SRP


Bollinger:2002:UFO


Bontempi:2007:BSI


Booth:1980:LLC


Bowman:1987:PMU


Brzozowski:1963:CSM

REFERENCES


REFERENCES


Barcelo:2013:PRE


Brownlee:1977:ABI


Bronstein:1993:PI


Brachthäuser:2016:PFC


Brzozowski:1962:SRE


Brzozowski:1964:RES

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


BY91  Robert S. Boyer and Yuan Yu. AUTOMATED CORRECTNESS PROOFS OF MACHINE CODE PROGRAMS FOR A COMMERCIAL MICROPROCESSOR. Technical Report TR-91-33, University of Texas, Austin, Austin, TX, USA, November 1991. 15 pp. prize (\$1.50).


REFERENCES


[BYG92] Ricardo Baeza-Yates and Gaston H. Gonnet. A new approach to text searching. *Communications of the Association for Computing Machinery*, 35(10):74–82, October 1992. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/0001-0782/135243.html. This paper describes a new linear-time string search algorithm that can handle limited regular-expression pattern matching without backtracking. See also [KMP77], [BM77], [KR81a], [Sun90a], and [WM92a].
REFERENCES


REFERENCES


REFERENCES


[CCFG12] Matteo Campanelli, Domenico Cantone, Simone Faro, and Emanuele Giaquinta. Pattern matching with swaps in prac-
REFERENCES


**Cole:1993:OFP**


**Crochemore:1994:STS**


**Crochemore:1999:FPM**


**Chang:2009:HTF**


**Christou:2013:ESC**


pattern-matching-with-only-the-axioms-of-your-type-theory/E54D56DC3F5D5361CCDECA824030C38E.

Cheng:1996:FHR


Conficconi:2023:EED


Chen:2005:ESM


Cech:1995:GPM


Champarnaud:2015:TSD


Corradini:1995:FAM

[CDL95] F. Corradini, R. De Nicola, and A. Labella. Fully abstract models for nondeterministic regular expressions. *Le-


REFERENCES

Cantone:2006:SEB


Chen:2022:EBS


Cantone:2012:ABM


Cirstea:2007:CEC


Chhabra:2017:EOP


Chen:2022:SSC

Taolue Chen, Alejandro Flores-Lamas, Matthew Hague, Zhilei Han, Denghang Hu, Shuanglong Kan, Anthony W. Lin, Philipp Rümmer, and Zhilin Wu. Solving string constraints...


REFERENCES

Cowan:1979:HKRb

Carpenter:1987:MPA

Chlebus:1994:OPM

Crochemore:1994:CPM

Colussi:1990:ECS
REFERENCES

Crochemore:1997:CTR


Crochemore:1998:CTO


Cabello:2008:PCD


Cohen:2006:JJTa


Chandramouli:2010:HPD


Cadar:2008:EAG

REFERENCES

Crochemore:1995:TDP


Colazzo:2013:EAI


Colazzo:2013:ALI


Crochemore:1993:TDP


Crochemore:1999:CSS


Chan:2002:RTE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Chen:2013:PPP


Chen:2016:PPP


Champarnaud:2012:ARE


Clifford:2012:PMM

REFERENCES


REFERENCES

September 2004. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).


REFERENCES


REFERENCES

Champarnaud:2004:RWE

[158]

Cho:1995:LHC

[135]

Charras:1998:VFS

[135]

Cormen:1990:IA

[135]

Chen:1995:STP

[135]

Chan:2010:CIA

[135]
REFERENCES


A few papers from this conference were re-published in 1995 in the Journal of Computer and Systems Sciences.

**Chang:1994:ASM**


**Consens:1995:AQT**


**Cormode:2007:SED**


**Cho:2008:IAB**


**Czerwinski:2017:OTP**

Czerwinski:2018:MTP


Chandran:2008:IAO


Chan:2018:SSR


Consens:2010:EXW


Cho:2008:DNP


Cruz:1987:GQL


Cohen:1990:CLP


Cole:1990:TBC


Cole:1994:TBC


Colussi:1994:FPM


Cook:1972:LTS


Cooperman:1986:SMC


Cooper:1989:FHO

Cope:1991:RMU


Cox:2007:REM


Cox:2009:REM


Cox:2010:REM

REFERENCES

//swtch.com/~rsc/regexp/regexp3.html. See also [Tho68, KP99c, Cox07, Cox09, Cox12].


[CP97] Chia-Hsiang Chang and Robert Paige. From regular expressions to DFA’s using compressed NFA’s. Theo-
REFERENCES

CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Cohen:2010:FSI


Cai:1992:MEB


Carroll:1988:RBP


Chrobak:1987:RSM


Crochemore:1991:UKM


Crochemore:1992:NTD

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Calvo-Zaragoza:2017:CEE


Chen:2015:PMV


Devi:2023:PMM


D'Andrea:1998:DEP


Darivandpour:2018:ESP


Darragh:2020:PZF

REFERENCES


REFERENCES

April 2015. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).


REFERENCES


Dijkstra:1976:PMP


Dijkstra:20xx:PMP


Ditzel:1978:PMH


DeBosschere:1996:EFL


Deo:2013:PSA


DAntoni:2015:HCA


deKretser:2004:SSE

References

Denning:2011:MIV

DeNicola:2003:NRE

deLima:2022:SAD

Deng:2015:UFA

daLuz:2007:RET
REFERENCES


**Ducasse:2006:ECD**


**DellaVentura:1993:PES**


**Dougherty:1991:SA**


**Dowek:1991:SOP**


**Dowek:1993:UPM**


**Danvy:2006:OBM**


REFERENCES

Oliveira:2015:MRM


Das:1994:SAI


Dayal:1987:PAC


Duff:1982:CBS


Durand:1994:BSS


DV21

REFERENCES

Daykin:2017:ISF


Delcambre:1989:PMR


Dwelly:2000:XRP


Dyadkin:1994:MP


Earley:1974:HLO


Elseidy:2014:GFS

Eckel:1989:TSI


Edmiston:1988:PPB


Edwards:2007:NIA


Einwohner:1995:STI


ElDefrawy:2013:BDS


Esparza:2014:PBV


Ehrenfeucht:1988:NDM

REFERENCES


El-Mabrouk:1996:BMS


Equi:2023:GCI


Equi:2023:CSM


Emmelmann:1989:BGE


Eilam-Tzoreff:1988:MPS


Engels:2021:SVS

Steven Engels, Tony Tan, and Jan Van den Bussche. Subsequence versus substring constraints in sequence pattern languages. *Acta Informatica*, 58(1–2):35–56, April 2021. CODEN AINFA2. ISSN 0001-5903 (print), 1432-0525 (elec-
REFERENCES

Ellis:1998:REC


Ehrenfeucht:1974:CMR


Ehrenfeucht:1976:CMR


Espindola:2023:SMR


Faro:2023:LCC


Faloutsos:1985:AMT

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Ferragina:1995:OLS]

[Ferragina:1995:FDD]

[Ferragina:1998:OLS]

[Ferragina:1999:SBT]

[Ferragina:2008:SCS]
REFERENCES


REFERENCES

Notices, 45(9):357–368, September 2010. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


REFERENCES


Fredriksson:2006:EPS


Franklin:2002:PAS


Ferragina:1999:MMD


Fuchs:2022:SUT


Fuchs:2023:SUG


Fernau:2020:PMV

Henning Fernau, Florin Manea, Robert Mercas, and Markus L. Schmid. Pattern matching with variables: Efficient algorithms and complexity results. ACM Transactions on Computation
REFERENCES


REFERENCES


Friedl:1997:MRE


Friesenhahn:1997:EOU


Friedl:2002:MRE


Frisch:2006:OX


Farach:1995:SML


Farach:1998:SML


Fredriksson:2004:ESM


Fricker:1995:ICI


Floyd:1982:CRE


Fu:1995:PMD


REFERENCES


1975. CODEN SIGNDM. ISSN 0163-5700 (print), 1943-5827 (electronic).


[GFG11] Szymon Grabowski, Simone Faro, and Emanuele Giaquinta. String matching with inversions and translocations in linear

[Ganapathi:1982:RCC]

[GG86]

[GG87]

[GG91]

[GG92]

[GG95]


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Guglielmo:1996:NLR**


**Gasieniec:1999:AOF**


**Grabowski:2015:NLC**


**Greenwood:1988:VSR**


**Griss:1979:HKR**


**Griswold:1983:ISP**

Griswold:1985:RSI


Grossi:1991:FCS


Grossi:1991:NSI


Grosch:1992:TAT


Garofalakis:1999:SSP


Galil:1980:SSF

REFERENCES

Galil:1981:LTS


Galil:1981:TSO


Galil:1983:TSO


GonzalezSmith:1985:PAD


Ganesan:1993:STL


REFERENCES

Gil:2022:MRE

Gope:2017:ASS

Glueck:1990:AMT

Gilly:1992:UN

Galil:1995:CPM
<table>
<thead>
<tr>
<th>Reference</th>
<th>BibTeX Key</th>
</tr>
</thead>
</table>
REFERENCES

Grossi:2005:CSA


Guting:2015:ST


Ginsburg:1992:PMR


Guo:2010:LIS


Gong:2023:EFM


[Han02] David G. Hannay. Interactive tools for computation theory. *SIGCSE Bulletin (ACM Special Interest Group on Com-


REFERENCES


REFERENCES

Hall:1980:ASM

Hearn:1971:CSA

Heitsch:2001:GPM

Heiberg:2003:TDF

Hull:2013:SPC


REFERENCES

Dobb’s Journal of Software Tools, 24(9):10, 12, September 1999. CODEN DDJOEB. ISSN 1044-789X.


Heering:1992:IGL


Havas:1994:NPS


Hemer:1997:RVD


Hazay:2010:EPS


Hundt:2009:CGA


Hazay:2007:APM

REFERENCES


 REFERENCES


REFERENCES


Ho:2018:CNA


Ho:2018:NAF


Holub:1984:GCU


Horspool:1980:PFS


Hoffman:1985:IIA


Hoffmann:1985:IIA

Hosaya:2006:REF


Hovland:2012:IPR


Howard:1996:LLC


Howard:1997:TIC


Hosoya:2001:REP


REFERENCES


REFERENCES


[Hromkovic:1997:TRE]


[Hromkovic:2001:TRE]


[Hazay:2014:CSP]


[Hirvola:2017:BPA]


[Higuchi:2021:FLP]

[HTX17] Wing-Kai Hon, Sharma V. Thankachan, and Bojian Xu. In-place algorithms for exact and approximate shortest

[Hon:2017:PAE]


REFERENCES


Hendrian:2019:PPM


Hurson:1984:VDP


Horspool:1993:SAP


Hosoya:2000:RET


Hosoya:2005:RET


Han:2007:OSR

[HW07] Yo-Sub Han and Derick Wood. Obtaining shorter regular expressions from finite-state automata. Theoretical Computer
REFERENCES


REFERENCES

Han:2006:IFR

Han:2007:PFR

Hashiguchi:1990:ERE

Hashiguchi:1992:TRS

Hyyro:2008:IBP

Hao:2013:TPP


REFERENCES


IEEE:2001:ISSc


IEEE:2001:ISSb

REFERENCES


REFERENCES


Indyk:1997:DSC


Indyk:1998:FAS


Iliopoulos:1996:WTO


Israeli:1986:IPA


Isenman:1990:PAI


Idury:1994:MMP

R. M. Idury and A. A. Schaeffer. Multiple matching of parameterized patterns. *Lecture Notes in Computer Science*, 807:
REFERENCES


[JD89] P. Jouvelot and B. Dehbonei. Recursive Pattern Matching on
concrete data types. *ACM SIGPLAN Notices*, 24(11):84–93,
November 1989. CODEN SINODQ. ISSN 0362-1340 (print),
1523-2867 (print), 1558-1160 (electronic).

[JDXD13] Song Jiang, Xiaoning Ding, Yuehai Xu, and Kei Davis. A
prefetching scheme exploiting both data layout and access his-
tory on disk. *ACM Transactions on Storage*, 9(3):10:1–10:??,
August 2013. CODEN ????. ISSN 1553-3077 (print), 1553-
3093 (electronic).

CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (elec-
tronic).

[Jez15] Artur Jez. Faster fully compressed pattern matching by re-
20:??, January 2015. CODEN ????. ISSN 1549-6325 (print),
1549-6333 (electronic).

[JGMP22] Junyoung Jang, Samuel Gélineau, Stefan Monnier, and
Brigitte Pientka. Moebius: metaprogramming using contextual
types: the stage where system f can pattern match on
itself. *Proceedings of the ACM on Programming Languages
doi.org/10.1145/3498700.

[JGZL12] Kunpeng Jiang, Huifang Guo, Shengping Zhu, and Ju-
long Lan. Static patterns matching for high speed net-
works. *Lecture Notes in Computer Science*, 7473:15–22,
2012. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349


Jambunathan:1992:DIF


Jeong:2020:RSH


Ju:1985:CSF


Janicki:1990:TSS


Jategaonkar:1993:TIE


Judd:2008:BGG

REFERENCES


REFERENCES

hdb/Vol...2007: CPS


REFERENCES


REFERENCES


REFERENCES


References

[Kastrup:2008:MLP]

[Kastrup:2008:PML]

[Kastrup:TB29-1-190]

[Khan:2007:NID]

[Kaufmann:1992:EBM]

[Krebber:2018:PMP]

[Karcioglu:2022:QFH]
Abdullah Ammar Karcioglu and Hasan Bulut. *q*-frame hash comparison based exact string matching algorithms for DNA

**Kannan:2001:FFG**


**Klein:2009:ABM**


**Krishnapuram:1987:HST**


**Kyatkin:1999:PMC**


**Knessl:2011:EAF**

REFERENCES


REFERENCES


Kessler:1979:PPM


Kesner:1991:PMO


Klier:1991:FCB


Kocberber:2015:AMA


Kiezun:2012:HSW


Kumar:2005:PCO


Kawanaka:2006:BBT

[KH06] Shinya Kawanaka and Haruo Hosoya. biXid: a bidirectional transformation language for XML. ACM SIGPLAN Notices,
REFERENCES 278


Khan:2016:TOS


Kida:2009:STB


Kusudo:2015:BPA


Kim:1999:NSP


King:1989:UNN


Kinber:1991:CSS

REFERENCES

Kinber:1992:LCR

Kitani:1994:MID

Kim:2017:MES

Konda:1995:SFD

Krodel:2002:RLD

Kim:2008:LSS
Eagu Kim and John Kececioglu. Learning scoring schemes for sequence alignment from partial examples. IEEE/ACM
REFERENCES


**Kim:2024:SCP**


**Kim:2011:MEB**


**Kapur:1985:ATC**


**Kawahito:2006:NIR**


**Kawahito:2013:IRF**


KleinOsowski:2002:MNS


Krotzsch:2012:PPA


Kleene:1956:REN


Ko:2016:SCR


Kar:2023:COO


Krishnamurthy:2008:SSD

Rajasekar Krishnamurthy, Yunyao Li, Sriram Raghavan, Frederick Reiss, Shivakumar Vaithyanathan, and Huaiyu Zhu. SystemT: a system for declarative information extraction.
REFERENCES


Kouzinopoulos:2015:MSM

Kristensen:1985:APF

Knuth:1977:FPM

Knuth:1994:FPM

Konstantinidis:2021:PDR

Konstantinidis:2020:RET
Stavros Konstantinidis, Nelma Moreira, Rogério Reis, and Joshua Young. Regular expressions and transduc-

Kida:2003:CSU


Kida:2001:MPM


Katoen:2000:PMA


Krauss:2012:PPR

REFERENCES


[KNT11] Marcos Kiwi, Gonzalo Navarro, and Claudio Telha. Online approximate string matching with bounded errors. The-


Kornman:1983:PMP


Kosaraju:1989:ETP


Kosaraju:1994:RTP


Kebler:1993:APP


Kaufmann:1996:IBMa


Kaufmann:1996:IBMb

Matt Kaufmann and Paolo Pecchiari. Interaction with the Boyer–Moore theorem prover: A tutorial study using the


REFERENCES


REFERENCES

University, Cambridge, MA, USA, ?? 1981. ?? pp. An incremental hash function is described for application to the string search problem. See [BYG92].

Karp:1981:ERPb


Karp:1987:ERP


Katajainen:1989:AAS


Katajainen:1992:ALM

Karpinski:1994:AIO


Kucherov:1995:UGR


Kucherov:1997:MSS


Kimelfeld:2014:TMS


Kahrs:2022:SRE


Krauss:2008:PMP

REFERENCES

September 2008. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


Kociumaka:2019:CLC


Kociumaka:2019:LCS


Kociumaka:2023:PCL


Klarlund:1993:GT


Kececioglu:1994:EBO

REFERENCES


REFERENCES


Kim:2015:TSI


Kim:1992:ASM


Kim:1994:FSM


Kurz:2012:CLI


Kucherov:2016:ASM


Karachalias:2015:GMT

[KSVJ15] Georgios Karachalias, Tom Schrijvers, Dimitrios Vytiniotis, and Simon Peyton Jones. GADTs meet their match: pattern-matching warnings that account for GADTs, guards, and

Kamel:1993:SRH


Kuo:1990:NSC


Kaminski:2006:REL


Keil:2014:EDA


Kassaie:2023:ACI


Kandhan:2010:SFS

REFERENCES


[Kida:1998:MPM]


[Koide:2018:EIQ]


[Karkkainen:1999:THD]

REFERENCES


Kumar:2015:IAM


Kulekci:2012:FPM


Kato:2005:SSR


Kaczmarski:2019:GRT


Kim:2007:GAT


Kim:2008:SOF

[KWLL08] Min-Soo Kim, Kyu-Young Whang, Jae-Gil Lee, and Min-Jae Lee. Structural optimization of a full-text $n$-gram index using...

**Kaplan:2019:RRP**


**Kupferman:2002:IAM**


**Lin:2012:AAA**


**Labarre:2012:RBP**


**Labarre:2012:RCP**

Larsen:1998:REN


Larsson:1999:SSM


Laurikari:2000:NTT


Laurikari:2001:ESA


Laville:1991:CPR


Lladser:2008:MPM


Leung:1997:UUM


Lev95


Li:2016:HMF


Londhe:2014:MTC


Lemstrom:2003:APM


Lee:2013:PMS

1104–1116, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).


REFERENCES


Lee:1990:HSC


Lenka:2006:SML


Lee:2002:EPM


LeGlaunec:2023:REM


Lenzerini:2008:PTS

Lee:2003:HOO


Lin:2017:LBH


Lin:2013:APM


LeBlond:2012:CPB


Lu:2013:NFM


Lin:2017:PHB

Cheng-Hung Lin, Jin-Cheng Li, Chen-Hsiung Liu, and Shih-Chieh Chang. Perfect hashing based parallel algorithms for multiple string matching on graphic pro-


Quanzhong Li and Bongki Moon. Indexing and querying XML data for regular path expressions. In Apers et al. [AAC+01],
REFERENCES


REFERENCES


[LPJ23] Hongyuan Liu, Sreepathi Pai, and Adwait Jog. Asynchronous automata processing on GPUs. ACM SIGMETRICS Perfor-
Lozano:2008:STA

Li:2012:WHT

Lai:2016:SDS

Lopez:2014:MPR

Libkin:2018:TNA
Libkin:2013:TRA


Lesk:1979:LLAa


Luczak:1994:LDC


Laird:1999:REN


Laird:2006:RER


Linhart:2009:FPM


REFERENCES


Liu:2016:OAA


Lin:2004:ELP


Libkin:2015:RED


Luderer:1977:CPT


Lustman:1994:STB


Lutz:2002:BRB


Landau:1986:ESM


Landau:1986:IEP


Landau:1988:FSM


Landau:1989:FPS


[MA12] Iulian Moraru and David G. Andersen. Exact pattern matching with feed-forward Bloom filters. *ACM Journal of Experi-
REFERENCES

"mental Algorithmics, 17(??):3.4:1–3.4:??, 2012. CODEN ????
ISSN 1084-6654.

Maass:2006:MSE

and a new practical algorithm for the multiple common sub-
string problem. Software — Practice and Experience, 36(3):
305–331, March 2006. CODEN SPEXBL. ISSN 0038-0644
(print), 1097-024X (electronic).

Ma:2014:TAC

[MAC14] Lin Ma, Kunal Agrawal, and Roger D. Chamberlain. Theo-
retical analysis of classic algorithms on highly-threaded many-
core GPUs. ACM SIGPLAN Notices, 49(8):391–392, August
2014. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867
(print), 1558-1160 (electronic).

Maddock:2001:REC

[Mad01] John Maddock. Regular expressions in C++. Dr. Dobb’s
Journal of Software Tools, 26(10):21–22, 24, 26, October
2001. CODEN DDJOEB. ISSN 1044-789X. URL http://

Maes:1990:CSS

[Mae90] Maurice Maes. On a cyclic string-to-string correction prob-
lem. Information Processing Letters, 35(2):73–78, June 29,
1990. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119
(electronic).

Maeder:1994:MPL

[Mae94] Roman E. Maeder. The Mathematica programmer: Logic
programming I: The interpreter. Mathematica Journal, 4
(1):53–63, Winter 1994. CODEN ???? ISSN 1047-
matica-journal.com/issue/v4i1/columns/maeder/
53-63_Roman41.mj.pdf; http://www.mathematica-journal.
com/issue/v4i1/columns/maeder/index.html.

Magel:1981:REP

[Mag81] Kenneth Magel. Regular expressions in a program complexity
Maher:2007:MPU


Matsuoka:2016:GPM


Makinen:1989:SIP


Malton:1993:DSF


Manacher:1975:NLT


Manacher:1976:APM

Manolopoulos:1986:BSI


Manber:1994:TCS


Manber:1997:TCS


Mann:2006:TBG


Marola:1989:USD


Maranget:2007:WPM


Matos:1994:PSI

Moia:2020:IEC


Mainardi:2022:PAC


Manber:1991:ASM


McCreight:1976:SES


McCarty:2001:LN


Ma:2011:CTG

Shuai Ma, Yang Cao, Wenfei Fan, Jimpeng Huai, and Tianyu Wo. Capturing topology in graph pattern matching. *Proceed-


[MF96] Delia I. S. Marx and Phyllis G. Frankl. The path-wise approach to data flow testing with pointer variables. ACM SIG-
REFERENCES


REFERENCES

Matsumoto:2009:RTE


Mori:2007:PID


Middendorf:1996:TDP


Middendorf:1998:SCS


Mitani:2017:PEA


Mischel:1989:WAE


REFERENCES

Moscola:2008:RCB

Murphy:2008:DGB

Myers:1989:AMR

Manber:1993:SAN

Muth:1996:AMS

Michailidis:2002:PSL
REFERENCES


Michailidis:2003:PEL


Michailidis:2007:PAP


Mateescu:2011:CEC


Martin:2014:TCR


Medeiros:2014:RPE


REFERENCES


REFERENCES

Moore:1964:SMS

Moore:2012:MLF

Moran:1983:CDO

Morris:1990:PER

Morris:2002:AGJ

Mignot:2018:EAC

Mitchell:1988:OHS


Mauri:2005:APM


Marion:2009:SIS


Moreira:2012:DRE


Meiners:2014:FRE


Mraz:2021:TDP

Morgan:1982:AEI


Muthukrishnan:1992:SMU


Moreira:2005:IMR


Mitchell:2009:APE


Moreira:2009:SPA


Marschall:2011:ACC

REFERENCES

Mooney:2013:SPM


Mamouras:2017:SMS


Moataz:2018:SSE


Moore:1995:COA


Madhavan:1998:ORT


Mongelli:2001:PPM


Monnier:2020:EEL

Matsubara:2017:NDI


Madhavan:2000:EGG


Meysman:2019:MES


Mignot:2017:TAC


Mohanty:2014:SOS


REFERENCES

Ma:2007:CPM


Mozafari:2010:REN


Noor:1990:ASC


Nagy:2021:UFR


Nakano:2014:OIA


Naor:1991:SMP

REFERENCES

CODEN LNCS9. ISSN 0020-0190 (print), 1872-6119 (electronic).


REFERENCES


Nsira:2017:LSM


Neuburger:2010:BRB


Navarro:2004:ACE


Ng:1979:SAC


Nielsen:2011:BCR

Narisada:2020:ECL


Nicodeme:2003:RSP


Nilsen:1990:SDT


Nipkow:1998:VLA


Nieminen:2007:EIA


Navarro:2001:FAS

G. Navarro, T. Kida, M. Takeda, A. Shinohara, and S. Arikawa. Faster approximate string matching over com-


[NR03] Gonzalo Navarro and Mathieu Raffinot. Fast and simple character classes and bounded gaps pattern matching, with applications to protein searching. Journal of Computational Biology, 10(6):903–923, December 2003. CODEN JCOBEM. ISSN 1066-5277 (print), 1557-8666 (elec-
REFERENCES


[Ng:2018:SCN] Timothy Ng, David Rappaport, and Kai Salomaa. State complexity of neighbourhoods and approximate pattern match-
Navarro:2005:LBM


Navarrete:2020:PRE


Nance:1993:SBE


Nedjah:1997:OLR


Nedjah:1999:EAD


[OND98] Friedrich Otto, Paliath Narendran, and Daniel J. Dougherty. Equational unification and word unification, and 2nd-order
REFERENCES


**Ordyniak:2016:PSM**


**Ophel:1989:IMR**


**Ong:2011:VHO**


**Oh:2012:MTS**


**Organtini:2003:LRE**


**Okcan:2013:SEA**

Owens:2008:RED

Scott Owens, John Reppy, and Aaron Turon. Regular-expression derivatives reexamined. Report, University of Cambridge and University of Chicago and Northeastern University, Cambridge, UK; Chicago, IL, USA; Boston, MA, USA, August 12, 2008. 18 pp. URL http://www.ccs.neu.edu/home/turon/re-deriv.pdf.

Owens:2009:RED


Okui:2011:DRE


Ohtani:1994:EITa


Ohtani:1994:EITb


Ohtani:1994:ETG

Orencik:2016:MKS


Otto:1994:TFP


Orpaz:2003:PMM


Oram:2007:BC


Owolabi:1993:EPS


Or:2016:MBH

Or, N. L. Wang, X. and D. Pao. MEMORY-based hardware architectures to detect ClamAV virus signatures with restricted regular expression features. *IEEE Transactions on...*
Prasad:2010:PSM


Pagan:1978:FSS


Perez:2009:SCS


Pakin:1991:REG


Pandey:2012:PDS


Park:1996:ATD


Park:1998:ATD

Kunsoo Park. Analysis of two-dimensional approximate pattern matching algorithms. Theoretical Computer Sci-
REFERENCES


REFERENCES

Peng:2012:TBN


Prasad:1994:EEP


Pajares:1998:PRL


Peleg:1987:CPS


Pepper:1991:LPD


Perleberg:1994:SCS

Pettersson:1992:TPM


Petersen:1994:RSM


Petersen:1995:RPB


Petersen:2002:MPR


Petersen:2007:SMS


Peacocke:1990:ISS

Phillips:1994:ASM


Pan:2019:ARR


Pierre:1995:DVS


Pientka:2008:TTF


Pike:1987:TES


Pike:2000:TES


Pike:2006:SRE


REFERENCES


[PM78] K. P. Parker and E. J. McCluskey. Sequential circuit output probabilities from regular expressions. *IEEE Transac-


REFERENCES

Pandurangan:2010:UOC


Patrick:2008:CEO


Parreaux:2017:QSR


Park:2018:ETS


Puxang:1997:BRB


Partsch:1991:ACS

[PV91] H. A. Partsch and N. Volker. Another case study on reusability of transformational developments pattern matching according to Knuth, Morris, and Pratt. *Lecture Notes in Com-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Reiser:1977:EDO


Reid:2003:BNS


Remy:2017:OEP


Reps:1998:MMT


Revesz:1991:TOM


Reznick:1992:URE


Rudwan:2023:HFS

[RFD23] Mohammed Suleiman Mohammed Rudwan, , and Jean Vincent Fonou-Dombeu. Hybridizing fuzzy string matching and

**Reid:1981:ABB**


**Reid:1981:ABB**


**RHR+21**


**Richards:1979:CFR**


**Ristov:2016:FSP**


**Ritchie:19xx:IHQ**

[RJK79] Erkki Reuhkala, Matti Jalanko, and Teuvo Kohonen. Redundant hash addressing method adapted for the postprocessing


[RMK+14] Masoud Rostami, Mehrdad Majzoobi, Farinaz Koushanfar, Dan S. Wallach, and Srinivas Devadas. Robust and reverse-engineering resilient PUF authentication and key-exchange by

**Ropelewski:1997:IGS**


**Russo:2009:ASM**


**Robson:1979:ECP**


**Robison:1987:IFP**


**Robertson:1988:TTW**

REFERENCES

Robinson:1992:HSR


Robbins:1999:UND


Robbins:1999:UNS


Romero:2014:MPR


Rooijackers:1999:TCG


Ross:1995:FSS


Rote:1991:CMH


This paper shows the equivalence of deterministic and nondeterministic finite automata.


REFERENCES


REFERENCES

2015. CODEN VLDBFR. ISSN 1066-8888 (print), 0949-877X (electronic).


REFERENCES


REFERENCES


REFERENCES

Computer Society Order Number PR00096. IEEE Order Plan Catalog Number PR00096.


REFERENCES


[Sch91a] Bruce Schneier. One-way hash functions: Probabilistic algorithms can be used for general-purpose pattern matching. *Dr. Dobb’s Journal of Software Tools*, 16(9):148–151, September 1, 1991. CODEN DDJOEB. ISSN 1044-789X.

[Sch91b] Bruce Schneier. One-way hash functions: Probabilistic algorithms can be used for general-purpose pattern matching. *Dr. Dobb’s Journal of Software Tools*, 16(9):148–151, September 1, 1991. CODEN DDJOEB. ISSN 1044-789X.


REFERENCES


Subramanian:2017:GSF


Sittampalam:2001:HOP


Solodkyy:2014:OPM


Sedgewick:1983:A


Sedgewick:1990:AC


Sedgewick:1992:AC


Stolee:2014:SSS

Sellers:1984:PRG


Senellart:2000:FPM


Sestoft:1996:MPM


Singh:2001:PMN


Singh:2012:LSS


Singh:2016:TSD

343–356, January 2016. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

**Song:2014:EPM**


**Shankar:2000:NAL**


**Stearns:1985:ECP**


**Shankar:1988:MPC**


**Sharpe:1988:ARE**


**Shapiro:1993:CCR**

Soo:1993:DCP


Shepherdson:1959:RTW


Shields:1992:SME


Shi:1996:SAM


Shields:1997:SMB


Shibuya:2000:GST

Shibuya:2004:GST


Schoepe:2014:STI


Sevenich:2016:UDS


Sidi:1995:CAG


Sidi:1999:FCS


Sidi:2000:GRE

[Avram Sidi. The generalized Richardson extrapolation process GREP(1) and computation of derivatives of limits of se-


Sudo:2019:SWM


Spyropoulos:2017:DBD


Shibata:2000:SPM


Skiena:1998:ADM


Seni:1996:GED


Sulzmann:2014:PRE

[SL14] Martin Sulzmann and Kenny Zhuo Ming Lu. POSIX regular expression parsing with derivatives. In Michael Codish and Ei-
Sulzmann:2017:DBD


Slissenko:1978:SMR


Slissenko:1983:DPS


Solar-Lezama:2006:CSF


Sun:2020:ERE

REFERENCES


REFERENCES


REFERENCES

CODEN LNCSD9. ISSN 0020-0190 (print), 1872-6119 (electronic).

**Sheng:1994:PMB**


**Shajii:2019:SHP**


**Syme:2007:EPM**


**Schmidt:2013:PSM**


**Snow:2001:IAL**


**SilvadeMoura:2000:FFW**

[SNZBY00] Edleno Silva de Moura, Gonzalo Navarro, Nivio Ziviani, and Ricardo Baeza-Yates. Fast and flexible word searching on
REFERENCES


[Sommerville:1982:PMS]

[Strizhov:2016:SPS]

[Soufi:1999:TSR]

[Sapirstein:2016:PMA]

[Spencer:1985:REP]

[Spencer:regexp]

[Spe85a]

[Spe85b]

[Schwartz:2008:LP]
Randal L. Schwartz, Tom Phoenix, and Brian D. Foy. *Learning Perl*. O’Reilly & Associates, Sebastopol, CA, USA, and

**Spinellis:1999:DPO**


**Spinellis:1999:TCD**


**Sitaridi:2016:GAS**


**Sridhar:1988:CBG**


**Srinivas:1993:STA**


**Saha:2020:EPP**


REFERENCES


Shieh:2021:EMP


Silvasti:2010:ELX


Sun:2019:IMD


Sutinen:1995:UGL


Shawe-Taylor:1996:FSM


REFERENCES


[Sto96]  Ivan Stojmenovic. Constant time BSR solutions to parenthesis matching, tree decoding, and tree reconstruction from its

Stomp:2002:CSP


Stroustrup:2013:CPL


Shibata:1999:PMT


Stubblebine:2003:REP


Stubblebine:2007:REP


[SVM14] Jouni Sirén, Niko Välimäki, and Veli Mäkinen. Indexing graphs for path queries with applications in genome research. *IEEE/ACM Transactions on Computational Biol-


Snodgrass:1994:PAS


Sima:1998:TN


Smyth:2009:AHP


Schafer:2012:DCH


Sun:2012:ESM


Salton:1975:VSM


REFERENCES


REFERENCES


Thiemann:1993:ART


Turonova:2020:RMC


Thompson:1968:PTR


Thomas:1981:RSH


Tang:2019:SAO


Takahashi:1990:SCM

REFERENCES

Toda:1983:TDP


Tang:2017:RDS


Tiwari:2022:SES


Travnicek:2020:MBM


Tran:2007:FBC


TranconyWidemann:2012:PPMa

[TL12a] Baltasar Trancón y Widemann and Markus Lepper. Paisley: Pattern matching à la carte. *Lecture Notes in Com-


Tao:2004:LBC

Tao:2005:PML

Tao:2005:MPM

Takeda:2002:PTF

Thompson:2001:DDS
Traytel:2013:VDP

[Dmitriy Traytel and Tobias Nipkow. Verified decision procedures for MSO on words based on derivatives of regular expressions. *ACM SIGPLAN Notices*, 48(9):3–12, September 2013. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).]

Traytel:2015:VDP


Tarhio:1997:SMD


Tata:2007:ESTa


Tata:2007:ESTb

REFERENCES


Takayama:2022:IPM


Tian:2005:PMC


Tchendji:2022:CGM


Tarhio:1988:GAA


Tarhio:1993:ABM


Turner:1986:OM

REFERENCES

Tan:2014:REQ


Tumeo:2012:ACS


Tang:2023:TBU


Teng:1997:ASS


Takahashi:1986:NSS


Tseng:2013:NNE

REFERENCES

2013. CODEN CANED2. ISSN 0163-5964 (print), 1943-5851 (electronic).


REFERENCES


vanderLoo:2014:PSR


Vujovic:1998:EAF


Varol:2012:HMA


Valgenti:2012:GGH


Viswam:2017:EBF


Vere:1970:TEE

1970. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See [Ver70b].


REFERENCES


REFERENCES


Den Sinodq. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Varma:2018:SAW


Vaiwsri:2024:EBS


Vilares:2001:AVP


Voss:2001:APP


V:2011:BBI

VanBiljon:1987:RAP


Villa:2008:ART


Vieira:2004:LEH


Vespa:2011:DFA


Vespa:2011:MDM


Wadler:1987:VWP


Wendling:1999:PRS


Wandelt:2014:SAS


Weatherford:1994:HLP


Webber:1995:OFP


Weiser:1983:RSB


Weiner:1984:LRK

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>DOI/URL</th>
</tr>
</thead>
</table>


Wu:1992:FTS
Sun Wu and Udi Manber. Fast text searching allowing errors. *Communications of the Association for Computing Machinery*, 35(10):83–91, October 1992. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/0001-0782/135244.html. This algorithm in this paper is implemented in the *agrep* program, publicly available via ANONYMOUS FTP to cs.arizona.edu in the *agrep* subdirectory. See also [BYG92].

Wu:1992:AFA

Wang:2019:GHC

Wu:1995:SAA

Watanabe:1990:IPF

Wulf:1983:SFR
1983. CODEN CMSVAN. ISSN 0360-0300 (print), 1557-7341 (electronic). See [GFH82, GHF83a, Fra83, GHF83b].


Woods:1986:MPB


Woods:1987:E


Weddle:2007:PGS


Wang:2013:MMC


Wei:2015:TPE


Wright:1994:ASM


Wagman:1994:UIM

Wu:2022:DCG


Wang:2016:MFP


Wood:1988:IFS


Wood:1989:IFS


Weber-Wulff:1993:PMP


Watson:2003:BMS


Shicheng Wang, Menghao Zhang, Guanyu Li, Chang Liu, Zhiliang Wang, Ying Liu, and Mingwei Xu. Bolt: Scalable and cost-efficient multistring pattern matching with programmable switches. *IEEE/ACM Transactions on Network-
REFERENCES

Wang:1995:PMP


Wu:2014:FMN


Xie:2023:UDC


Xi:2003:DTP


Xuandong:2004:DCR

REFERENCES

X:1992:RCR


X:2019:TES


X:2011:MDP


X:2023:STC


Xiao:2013:EET


X:2019:PPS

Zifeng Xu, Fucai Zhou, Yuxi Li, Jian Xu, and Qiang Wang. Privacy-preserving subgraph matching protocol for two par-


References

Youens-Clark (2022) [YC22]

Ye (2008) [YCJK08]

Yu (1995) [YD95]

Yu (2015) [YDDB15]

Yuan (2018) [YDW18]

Yuan (2023) [YGG+23]
REFERENCES


Yang:2011:FME


Yodaiken:1991:MFC


Yang:2012:HPC


Yang:2013:RSS


Yaman:2021:QVS


Yang:2016:NFI

Xiaochun Yang, Tao Qiu, Bin Wang, Baihua Zheng, Yaoshu Wang, and Chen Li. Negative factor: Improving regular-

**Yeh:2003:CMS**


**Yun:2012:ETB**


**Zaki:1987:FDA**


**Zhang:2017:APM**


**Zheng:2014:MMS**


**Zetzsche:1989:IPR**

REFERENCES

February 1989. CODEN CVGPDB. ISSN 0734-189x (print), 1557-895x (electronic).


REFERENCES


Zhan:2018:EDM


Zhu:2012:GFE


Zhang:2007:MPP


Zha:2018:CRC


Zheng:2011:SPM


Zhang:2003:APM

Zobel:1993:SLL


Zheng:2020:SGT


Zha:2013:GGH


Zengin:2017:FAH


Zhu:1989:TTD

REFERENCES

Zuendorf:1996:GPM


Zajac:1997:GBM


Zvegintzov:1980:PMR


Zuo:2021:SIS


Zhao:2013:EPG

REFERENCES


