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

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and

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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]. e [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,
[ML96a, ML96b, KST94, KWLL07, Wag74]. O(modT mod 3) [KKM +85]. O(log log n) [BG90]. O(n² log m) [CNS18]. O(n [m/w]) [GF08]. O(n log²(n)) [HM98]. O(n log⁴m) [CH97b]. O(s²) [CZ01]. ω [BdFED+20, EJ23]. ωn [Cho78]. ωT [BdFED+20]. q
[HKN14, KB22, KPA10, STK06, Sal12, ST95, ST96b, ST96c, ST04, Ukk92]. r [Pol13]. ρ [CFK07]. t [Liu14]. xₘyₙ = zₚ [NC92].

-automaton [COZ09]. -bit [KXV12]. -calculus [CFK07]. -Cube
[ML96a, ML96b]. -D [SHCY93, BZ98]. -dependent [Jan23]. -Dimensional
[CDEK95, CR95b, KPR97, CGK08]. -dimensions [dRL95]. -expression
[COZ09]. -formulae [WD99]. -frame [KB22]. -Free
[HM98, HSW01, Gef03, Lif03]. -Gram
[ST95, HKN14, KST94, KWLL07, KWLL08, KPA10, Sal12, KWLL07].
-Gram/2L-approximation [KWLL07]. -Grams [ST04, STK06, Ukk92].
-Interval [Via02, Via04]. -Like [HK11]. -M [Ram94]. -Matching
-Samples [ST96b, ST96c]. -Separated [Pol13]. -Statistics [Liu14, Jan23].
-tapes [Cho78]. -time [CNS18]. -TM [BGFK15a, BGFK15b].
-transformation [Sid95, Sid99, Sid00].

.NET [AS04, SM04, Stu07].

'08 [ACM08].

1 [KJS17]. 1003.1-2001
[IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d]. 10th
[PC99]. 11th [GS00, Kap92]. 12th [AL01, Ban94]. 13th [AT02]. 14th
[AAC+01, BYCC03]. 15th [SMD04]. 16th [ACP05]. 17th [LV06]. 18th
[ACM92a, ACM92c, ACM92d, Stc92]. 1993 [ACM93a, ACM93b]. 1994
[ACM94a, ACM94d, SW94]. 1995 [ACM95a, ACM95b, ACM95c]. 1997
[ABB93, FL08].


3 [Ruc15]. 3.0 [BWN08]. 30th [IEE89]. 31st [IEE90, KLB12]. 32 [Gro91a].

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

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

6 [IEE01a, IEE01g, IEE01e, IEE01b, 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].


absolute [ZZJC20]. Abstract [CDL95, Gon92, HOS85b, JO97, LM02, Pre99, AG06, BC93, Chi08, CM95, GPN96, GV00, IEE85a, Pie08, Zei08].
Abstracting [JSH09]. abstraction [Wad87]. Abstractions [Jok90, MNS07].
Accelerated [ZHC23, MLC08, SR16]. Accelerating [BBK12, GASA+13, KBN09, LLCC13, TT82, VSP08].
Acceleration [GWX+23, SALP20]. Accelerator
[JK+20, KYG19, TT22, TLC15, WGL+21, ZL18, TLLL09]. Accelerators
[HKL+14, LHMH91, MGW14]. acceptors [TIT83]. Access
[Fal85, JDXD13, MR11, JSH09, KT14, KCK93, KFG15]. accesses [DSv94].
accessible [SBR+07]. According [PV91]. account [Fil21, KSVJ15].
Accurate [ZS17, STKD20]. achieve [AK08]. Acid [CCL87, LVN87].
ACM [ACM69, ACM74, ACM83, ACM84, ACM86, ACM87, ACM89, ACM90a, ACM90b, ACM91, ACM92a, ACM92c, ACM92b, ACM92d, ACM93a, ACM93b, ACM94a, ACM94c, ACM94d, ACM95a, ACM95b, ACM97b, ACM97a, ACM97c, ACM98, ACM99a, ACM99b, ACM00, ACM06, ACM08, DGBH93, FMA02, HF13, KLB12, LL08, Len11, SW94, Sto92]. ACM-SIAM
[ACM97b]. ACM/SIGAPP [DGPH93]. Acquisition [BZ98]. across
[DCM15, SHS14]. action [Han92]. actions [CK08]. ActionScript [BWN08].
active [BDMT16]. activity [BWN12]. ActorSpace [AC93]. Ada
[Wes97, TBD22, Wes97, WT88, WT89]. Ada/Tcl [Wes97]. Adapted
Adapting [CFG12, DS04, LRV13]. Adaptive
[Sha88b]. Adding [PP06]. address
[AAK+09, AAB+09, AEK+11, ZZJC20]. Adaptable [LMT16]. Addressing
[RJK79, Lau01]. Adaptive [CW84, JP73, LDI98, NdMM02b, SRR92, SRR95, SW09, HRN+15]. Adding
[ADSR13]. Addressable [LMT16]. Addressing
[RJK79, Lau01]. Adjacencies [LJZZ13]. Adjeroh [Neu10]. Administration
[Har02]. Advanced [B+07]. Adversarial [TD18]. Adversaries
[HL10, HT14]. Advisor [Mu 95, MuT95, Mun95]. Affordable [NE93]. Affine [DN77, VS01].
Against [Bun95, LA12, AV23, BSTU08, MPW21]. Aggregations [CvW18].
Aggressive [Dai09]. Ahead [Yan95, ZB14]. Also
[CW13, NK07, PPL01, RKM21, TM05b, TZH+13, TVCM12]. Aid [AC75].
Aided [KP15]. Alberto [Ano97b]. Albuquerque [ACM92a]. Algebra
[KN12, LRSSV18, SS93a, BSF00, Coo86, Fat15, KMMP95]. Algebraic
[ACM94b, Bro93, Cha86, Hea71, Lev95, Mcl85b, Ng79, WN90, BD98, Fat15, Mcl85a, OR11].
Algebras [CM95]. Algol [Bro77, HK77]. Algol-based
[Bro77]. Algorithm [AR00, ATX21, HR02, AJS92, ACD01, BST+03, BYKZ+92, BYN96, Bar81, BC13b, Ben94, Bir10, BM77, Bra94, Bre93, BL16, CF06, CLP98, CF95, Col94a, CH02, CGH+98, DN00, FL12a, Gal79, GP90, Gal05, GC01, IMP01, IST05, IS86, KRS97, KST94, Kül10, KV15, KV20, LY17, LLCC13, LH+17, LLL17, LD98, LJJZZ13, LCL06, Man75, MW94, MR11, MUHT96, Msc76, MOSZ18, MNS84, ML96a, ML96b, Mye92, Mye98, NBY01, Neh95, OR12, PS10, Pou93, PK85, Rat92, RKM21, RPE81, Sad96, Ski98, Smi91b, Smi94, SW09, Sun90a, Sun90b, Tak86a, Tak86b, VB12, VB98, WPKL13, Wat96, WT89, WM95, Yam01, Alb89, AR13, AGW13, BYR92, BPM02, BG89, BBM21, BG90, Bre96, BC95, Cha93a, CLS95, CW13, CDC96, CNPS15, CNS18, Col90, CR91, Dai09, DR06]. algorithm
[DS04, Der95, Dow91, Gal92, GBY0a, GBY90b, GO80, GLS92, Han93, HFS05, HR03, IKX15, IP96, IS86, ISH88a, IA80, KKM+85, KR89, KST92, Kim99, KKR+13, KIH15, LV86b, LVN87, Lec92, Lee82, Lin81, LHCK04, Maa06, MBY91, Men89, Mis03, MKS198, MS95, Mor90, Mye99, NRO12, Neb06, PPL10, PS89, Per94, Ryt80, SW90, Sch88a, SS94, SGYM00, Sto02, Tak86b, Tak93, TZYH14, TJ+17, TM05b, TU89, TTO+22, Tho68, TJMC20, WW03, Wat95, WT88, Yam91, YT03, YHV+15, ZC99, dB93].
algorithme [Alb89]. Algorithmic [ABHH+16]. Algorithms
[ACM97b, AUH74, ALR08, iA94, ADLM96, BY96a, BLP94, Bak96, B97, BH02, BMJ97, BCFL12, CFG12, CF09, CL92, CL97, CHL14, Chu95, CH02, CL50, CR90, CR92, CCG+94, DB86, FL12b, FMMS20, FRU+20, FBY92, Gal76b, GG97, GS85, GIG77, GK86, Gus97, HUN+19, Hig86, HST01, ISN04, JT96, KKP16a, KKP16b, KTU87, KR81a, KR81b, KR87, KP99c, Kha16, KMT+01, KTY+18, Lab12a, Lab12b, Lee95, LLLC17, LT16, LS94, Lut02, MR11, MP05, Med23, Mut97, Ott94, Par96, Pol13, RS98, SV94, SN92, Sed83, Sed90, Sed92, Sim94, Ste94, Tar81a, VG01, YD95, ZZ12, de 82, ALP04, Apo93b, AG97, ADLM01, ARS16, BFY96, Bak93, Bar84a, CM0+08,
CDDM05, CX20, CLT07, CWZ10, CCG+93, CT96, CR94, CL96, DC94, DV21, ECS88, Gal75, Gal76a, Gal84, GG13. **algorithms**

[HIEH22, HOK18a, HOK18b, HTX17, Ind98, Ju91, KB22, KN00, KM13, KM84, Lec07, MAC14, MW92b, Mha05, MM07, MR13, NR02, Par98, PDC94, PSS88, QLY07, Sal12, Sch91a, Sch91b, SZ05, Tan14, THG17, Val09, VHL+12, WZ96, A+08, Len93, Ano97b]. **Aligned** [LSTW+17, SN94]. **Alignment** [BLP94, Ben94, BDFW94, HPM94, JWZ94, KK08, LPT12, LPR+08, Pol13, RND97, RFD23, CLT07, FSL+15, 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, KR17, KMRY20, SJNS19, TP07, AFI98, AGM05, GP92, KMR21]. **Alphabet-Friendly** [SJNS19]. **Alphabet-Independent** [CR95b, KR94, GP92]. **Alphabet-Invariant** [KMRY20, KMR21].

**Alphabets** [Bre94a, CLP98, Fre02, KT06, KST12, NR97, RDF23, CLT07, FSL+15, NT20]. **Alternating** [BL16]. **Alternative** [Bar81, JWZ94, AP90, Fat15]. **Alto** [IEE93, IEE98]. **always** [LMM17, LLS+20]. **Amar** [Neu10]. **AMASS** [K99]. **Ambiguity** [MGH93, SL17]. ambiguous [BBM21, NdMM02a]. **American** [NEH90]. **amino** [LVN87]. **Analyses** [KPP19, WHZ+17]. **Analyzing** [HSTS01, MR82, MNNS12].

**Ancestry** [FK16]. **Ancient** [SP16]. **ands** [Edw07]. **animate** [BYF96]. **Annotated** [Sak21, GGN06, RH81]. **annotating** [AMR16]. **annotation** [YCJK08]. **Annual** [ACM81, ACM87, ACM92a, ACM93a, ACM97b, ACM00, ACM08, AP10, AH97, AT02, FC98, FL08, FJ92, GM11, HM96, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE99, KS12a, Ku09, Len93, LV06, MZ07, NEH90, ACM74, ACM76, ACM84, ACM86, ACM89, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c, ACM99b, AL01, Apo92, Apo93a, APC05, BYCC03, CG94b, DT87, GU95, GS00, IEE89, IEE95b, PC99, SMD04].

**Anomaly** [GW+10]. **Answer** [KKS01, ADT15]. **Answering** [CJR+21, KKS01, ZCÖZ12, AL08, CDL08, CKC07]. **Answers** [GN19, Ano92a]. **Antidictionaries** [STSA99]. **Antisymmetric** [Gil70]. **Antonio** [IEE94b]. **Ants** [FR17, Joh01]. **Any** [Bur11, PW93]. **Apostolico** [Ano97b]. **Application** [AV23, GP04, GT90, Hud89, Ik83, MKF91, MGW14, NA90, WKA94, Aki78, CFK07, Fat15, GÁSÁ+13, Lau00, Man76, MW94, MM03, PA10, SHSV14, Sid95, Sid99, TIAY90, WKR09, dLFM07].
Applications [Bak96, BM00, Brz62, CL94, DMVT13, FK16, Gia93, GV05, HSTS01, Hui92, HN05, IEE94b, IEE95b, IIK08, Pol13, Sch95, AS04, Bak93, B+07, Che96, CX20, FMdB99, FG99, FLSS93a, FLSS93b, GV00, Ind97, Jan23, KKP92, RTO15, Sid00, SVM14, SR16, SWZ01, SALP20, VHL+12, WYA+07].

Approaches [BM08, vNG01, FBMA05, MR13].

Approximate [Aku94, Aku95, AAK+09, AEK+11, ACD01, BYP92, BYN96, BYN97, BYN98, BYNN9, BCP02, BH02, BPPR20, BM00, BK93g, Bun95, CJM12, CLS+10, CL90, CL92, CM94, CL94, CCH09, CN02, CH02, CM*+02, EMC96, FPT22, FNU02, Fun06, Fu96, GP90, GIMV03, GGF13, HD80, HLT07, HT17, HLM00, HLS06, HN02, HN05, IMP01, JU91, KST92, KWL07, KNT11, LV86b, LV89, LG16, LT97, LLL13, MW94, MM03, MM07, MBH20, Mus05, Mye99, Nak14, NBY99c, Nav00, NKT+01, Nav01a, NF04, NC06, Par98, Sad93, SY23, SW90, TLS16, WC14, ZA17, ZD95].

Approximated [PW93].

Approximating [TY97].

Approximation [ADLM96, ADLM01, BLP94, CM08, Huc21, LJZZ13, KR89, KWL07, TU88].

April [ACM74, ACM84, ACM90a, AGS93e, Apo92, DMVT13, SC93, SC96, SC98, SC02].

Arabic [JZAA19, Kul11, Mus03, Mus05, ZA87].

Arbiters [SMT+86].

Arden [LHCH93].

Architectural [CL09, GSL17, IS90].

Architecture [AWD+18, BYHT18, BTC06, CG87, CF85, CDC+23, HKL+14, KL02, LCH93, Lee09, PLL08, SRV+19, TS05, YP12, ZCH23, dLBHC22, FKS06, KKL87, MM07, NNNSP22, TYNM86, ZV97].

Areas [OWP16, TVCM12, San09].

Arithmetic [Hwa85, KP96a, MHKR12, CS22, KP96b, MP88, ARIZONA [Apo92, ACM97a]].

Arizone [Apo92, ACM97a].
[AOK02, ABM08, GV05, MM93, Neu10, PP06, Shi96, Bak78, CR91, DSv94, GV00, HHL06]. Arrhythmia [ARM+19]. arrivals [SWZ01]. Art [DGBH93, Knu05, Ruc15, WD+14]. Artificial [IEE94b, ZGY+16]. ASCII [Pol01]. Asia [IEE94a]. Asia-Pacific [IEE94a]. Asilomar [CG94b].


Automatenc [HJ92]. Automatic [BA06, BDD+14]. DKA+15. DMW77, KP93, PHX19, RTO15, SWY75, SMS15, WKR09, Ear74, HA90, MR09a, PS93a]. Automatically [CGP+08, Kuk92, Mor02, SDM01].

Automata [AWD+18, Ant95, Cha0a2, CLOZ04, Coo72, CDPP23, DA+15, DMT13, DM11, EZYA23, FL12a, Ghi62, Gol93, GWX+23, GH15, HIRS17, HU79, HU92, HM01, HU07, HSW97, HSW01, KPR97, KPR00, KV15, LKM23, L16, LP123, Loh10, MS98, MHK10, MY60, M695, MSZ17, Moh97, MR09b, NR98, NWE97, ND98, OS11, Pet92, RS59, RSG+19, SRV+19, SM56, SM74, SSS10, Sim94, UW93, dLBH22, BYCG94, BYBDS99, BDFED20, BDFR08, BS86, BT21, BH96, BK93f, Cho78, CR87, FS22, GOMSJGP08, Gef03, HW07, HM00, HR00, Kie56, Laut00, LSO17, Lei81, NR00, NWE99, NdMM02a, NK07, Pet94, Rty89, SY72, SBR+07, SH85, TIL+20, VW11, YH91, YB13, ZH94].

Automata-driven [NWE99].

Attractor [YH91]. Automata-Processing [AWD+18]. Automated [BY92, BY96b, Bun94, CS18, Kap92, PPPdG20, Zha96, Rem17, BY91, Bun94].

Automaten [SM74]. Automatenc [HJ92]. Automatic [BA06, BDD+14]. DKA+15. DMW77, KP93, PHX19, RTO15, SWY75, SMS15, WKR09, Ear74, HA90, MR09a, PS93a]. Automatically [CGP+08, Kuk92, Mor02, SDM01].

Autom利用 [CZW15]. availability [LLL12]. Average [BYR92, BLP18, BMMM19, FN04, HKN14, Mon17, NF04, Sal12, SCFC94, Bar22, CGR99, GFG11, Quo92].

Average-Case [BLP18, HKN14, SCFC94, Bar22, Quo92]. Average-optimal [FN04]. Avoiding [AGM19, Fos89, Thi93]. aware [MBP22, WOQ+07]. Awk [AKW85, Dou91, Mis89a, Mis89b, Bar90]. AWK-like [Mis89a, Mis89b].

Axiom [Ano68, JT94]. axiomatization [HN11]. axioms [CD18].

Canada
[ACM92d, ACM94d, ACM08, A+08, GS00, LL08, MZ07, Lev95, MG94].

Candidates [MUHT96]. Cannot
[BL94, CEPR10, KR97, MBB91, NR17]. Carolina [ACM93a, IEE89].

Capabilities [Cal00, Fri97b]. Captions [GR96]. Capture [Sch22]. Capturing
[MCF+11, MCF+14]. Car [KK02]. Care [Aku94, AKu95].

Carolina [ACM93a, IEE89]. Carte [TL12a, TL12b]. Cartesian [F+23]. Cascaded [GC01].

CASCON [BGG+94]. Case [BLP18, CCL87, FTJ95, Gal79, JM85, PV91, SH92, Bar22, BG91a, BGWXP22, DuF82, Fen01b, GF08, HKN14, KT90, Pep91, Quo92, SCFC94, SKS96].

Cases [ALLL98a, ALLL98b, BAC06, PPdG20].

Categorical [LT90a, TG96]. Categories [Kul11].


Certified [RD17]. CGI [Han01]. CGOOD [TG96]. Chain
[MNS10, LBK08, SMT+86]. chaining [KFG15]. Chalmers [AJ89]. change
[JoH94a]. changes [UIM22]. channels [AGH+17]. Chaos [ZGY+16].

Character
[Car77, CLP95, Dav73, HZ13, H993a, HK77, MBP22, MR11, NR03, TMD+02, TJD+17, Wol86, CT96, HH93b, HH93c, LS09, Per94, Vin77a, Vin77b].

Characterisation [KST12]. Characteristic [ISNH94]. Characteristics
[HH83]. Characterization [HEWK03, BCG07, IMS97, VV11]. Characters
[Aku94, D+23, FMP20, GH82, Aku95, Mha05]. Charleston [ACM93a].

Chart [Mu 95, MuT95, Mun95]. Charts [GM02]. checker [GJS20].

Checking
[FF08, Gin67, LSWP19, RHR+21, CGPS13a, RN00, MW94, NRO12].

Chemical [Les79]. Chicago [ACM06]. China [ACM07, B+02]. Chinese
[GWvG10, GH82, HZ13, THQ19, XPZ+23]. chip [CDC96, SV87]. Chips

Chromosome [KS94]. Church [KKM+85, Sha88]. CIP [BW91].

CIP-Project [BW91]. Ciphers [PP06]. Circuit
[IM+22, PM78, TT20, AD+13]. Circuits
[Brz64a, Brz65, Fu82, GKL18, KBB01, Pie95]. Circular
[CKP+21, CHL24, HTT7, LAI12, Boo80, HOK18a, HOK18b]. cities [Joh01].

ClamAV [OPW16]. Class [CGS17, EU98, Kin92, Kul11, SA96, Sch12, Sch13, BAC06, BROI16, CRV06, KOD79, Pie08, Wal89]. Classes
[HHW+99, NR03, Lei85, LS09]. Classic [HSTS01, RB05, MAC14].

Classification [Bon07, BYHT18, Lee91, TD18, WZJH12, XPZ+23, LMT16, TZH+13, WXZY12]. Cleaning [FKRV16, QTO+20]. Clients [CDM11].

CLIs [YC22]. clone [DNR06, Joh94a]. Closed [Kul11]. Closed-Class
[Kul11]. Closest [KF91, Sut21]. Closure
[LMN16, AS85, Jed87, Lee82, LH03]. Cloud
[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].
Cocoa [CDPP23, CA18, CA20].
Codata [TCP16]. CODE [BY91, AGT89, Cox12, Fra83, GHF82, GHF83a, GHF83b, Gie90, ND02, SED14, WHZ+17, WNL+83, ZWH+21, AG06, BDD90, BY92, BY96b, CLS95, FHP92, Gan89a, GHS82, HV93, MSR00, MR82, NAR08, OW07, Rém17, UIM22].
code-generator [FHP92]. Coded [BG95, Chu95, RD17, BC95, NH11].
Coder [MP88].
Codes [YK11, Bra90, Mei08].
Coded [BG95, Chu95, RD17, BC95, NH11].
Coder [MP88].
Codes [YK11, Bra90, Mei08].
Coding [CW84, Dav73, JSC83, Kid09, DV21, Ind97, MP88, Shi97].
Cognitive [PW06].
cohabit [Wad87]. coinductive [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-pu-ter [Lia84].
Combating [KEG+08].
Combinations [Knu05].
Combinatorial
[Ano17, BM08, Cro92a, GIMV03, Mei08, SLTB+06, Val09, WCM+94a, WCM+94b, CDDM05, HL09, PPPdG20, AL01, AP10, Ano92b, Apo92, Apo93a, AH97, AT02, ACP05, BYCC03, CG94b, FC98, FL08, GU95, GS00, GM11, HM06, KS12a, KU09, LV06, PC99, SMD04, Lab12a, Lab12b].
combinators [LT90a].
Combining
[Ber00, JA17, JXA20, HBRV10, NR00, THQ19].
Command
[Roo99, YC22, Bhu08].
Command-line [YC22].
Commands [Lud77].
Comments [Akl78, ZL12, Gro91a, THQ19].
commerce [ZCT14].
COMMERCIAL [BY91, BY92].
Common
[Ale94, ACR20, F+23, FR17, HIRS17, IF94, KRS19a, KRS19b, KRS23, LJZZ13, DK13, FGKU15, Gra15, Maa06, Mid98, MBH20, Ron21, TU88, TTO+22, Mu 95, MuT95, Mum95].
Commonwealth [ACM89].
Communication
[Ayc15, Bao93, HN+15, HSL10].
Community [LY+23, LG+14].
Commutative
[Elk95, HY92].
Compact
[Asp12, HAR10, NR01, Ric79, YP12, ZZH16, BFC08, DGM19].
CompactDFA [BBHK14]. compaction [NE93]. compaction-based [NE93].
Comparative [JM85, MSZ17, PSK08]. Comparator [Bur84, Bur82].
Comparing
[Hoc19, Hua94].
Comparison
[BCT98, JTU96, L藤91, de 82, Bar84a, BCT93, CT96, ECSS88, FBMA05, HA90, KB22, SVS97].
Comparisons
[Bre93, CL92, GPR95a, Liu86, Bre96, PW06].
Compatible
[Anoxx, LT09]. Competitive [DV21].
Compilation
[FU82, KTOU87, Ses96, AP90, Dan91, HF13, KGP+05, Sch88b]. Compiler
[AJ89, GHF82, Pet92, vNG01, CGZ+13, FKS06, HWF90, Jor92].
compiler.kit [Abb77]. compilers [BNP94].
Compiling
[AU72, AU73, PS93b, Sch99, GHR+16].
Complement
[GN12, Rob79].
Complete
[Ano68, BBH+87, Pet02, Sch14, Kin91]. completeness [TCC91].
Complex
[Got00, ZL18, LG16, LR14]. Complexité [Alb89]. Complexity
[ABBH+16, BKLP97, BKL+02, BDFW94, BCT94, BCT98, Col94a, CHPZ95, CH97a, EZ74, EZ76, EMTG23, FMMS20, GG91, GG92, GK86, GH15, Hei01, HK11, HU92, HSTS01, KLH16, MNS10, Mor83, NRS18, Prû17, RS98, Al89, AK12, Bar22, BDM19, CGK08, Col90, CH92, CGG90, CS22, FCFM00, FK96, Hun79, KS07, Lei81, LM12, LM13, LMN16, Mag81, Man76, NF04, PS89, Pag09, Sal12, Via04, XH23, Yao79]. components [CFM00].


Compress [GH82]. Compressed [ABF96, BR09, BA16, BKLP97, BKL+02, BGS23, CHLS07, CLS+10, CHP92, FT98, FV16, FT04, GP01, GP03, Gau12, Gau13, GV00, GV05, IST05, Jez15, KTS99, Kid09, KS05, KS06, LSW08, Loh10, Man94, Man97, MHT09, MHM+01, NR99b, Nav01c, NM07, Nav21b, Rao95, RNOM09, STS99, TMK+02, YK11, ZM98, ABF94b, BCD98, BPMA02, BFR09, BBL12, CP97, FT95, FGG+08, GR99, GO12, HHLS06, KTS+98, KMS+03, NKT+01, NT05, SNZBY00, SLZ+20, SMV+23, TM04, TM05b, TM05a]. compressible [BFKL13]. 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, SC02, SC03, SC04, SC05, SM09, SM10, SM11, AS99, AGS96, BFNP10, Cha93b, CDC96, CL96, How96, Lar99, OW03, QZC17, RTT02a].

COMPAS [IEE95b]. Computable [KT23, EH88]. Computation [Bro93, COZ09, Cha86, HU79, HUM01, HUM07, Hua98, Lev95, Ng79, Rao94, WN90, CCI+13, Far19, Han02, Maa06, NHH+20, NA09, PS93a, QZC17, SY23, SASU13, Sid00, Tak96b, YT03, ACM94b]. Computational [Gus97, Lab12a, Lab12b, Tal81, HNI1, Val09, Via04]. Computationally [HT14]. Computations [FKP77, CR91, NEH90, Pra97, PCS99]. Compute [ACM89, AHU74, Bao93, Cop91, FJ92, Gus97, Hea71, Hwa85, CVP86, IE89, IE90, IE92, IE93, IE95a, IE95b, IE97, IE98, IE09, KLO2, Kn05, Kii10, RJK79, Ruc15, SS93a, Coo86, Fat15, II09, Ker04, SS94, VV90, Win78, ia94, KP15]. Computer-Recognized [RJJK97]. Computers [FL99]. Computing [ACM69, ACM74, ACM76, ACM81, ACM84, ACM86, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c, ACM99b, ACM00, ACM08, Ano13, BGK+16, CZODI17, CFM17, CZ01, Cha94, DT87, DGBH93, FYJ+17, Fra20, HM89, HMSC, ISN94, LK90, Rot91, RW10, Wo90, BGNP94, BC95, IP96, LK88, ZYQ+15].

Concatenation [CGS17]. Concave [KM92, KM95a]. Conception [Hud89].

Concepts [BGJ01]. Conceptual [BK75]. concise [BNSV10, NdMM02a, Yod91]. concrete [JD89]. Concur [SBF80].

Concurrent [GR92, Pe87, SBF80, BF+09, Go90, JM90, Rus92, YT03]. condition [Han92, KT90]. Conditional [DJ96]. conditionals [Edw07].

Conduct [NCKL14]. Conference [ACM89, ACM92c, ABB93, AGS93e, Ano87, AAC+01, AO09, Bao93, B+02, BM94, DMVT13, FMA02, CVP86, IE94a, IEE94b, IE95b, Kap92, KP15, MG94, NH11, SW94, Sto92, SC93, SC05, SC07, SC08].
[BdFED+20]. Counters [LT09]. Counting [CGS17, GGM12, San95, CGPS13a, Gel10, Nic03, THL+20]. counting-set [THL+20]. coupling [All89]. course [GHR14, HR00]. coverage [GJS20]. Covered [Yun12]. Covering [BNV+13, CIK98]. covers [IP96, MS95].

Covert [Yun12]. Covering [BNV+13, CIK98]. covers [IP96, MS95].

Covert [HL10]. CPM [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].

Critical [Lut02]. Crochemore [Bre93, Bre96]. Cross [AS91, FTJ95, KNS12, Sha93, LGZ+14]. Cross-Correlation [Sha93].


CTRL [MMDdJ11]. Cube [ML96a, Dow91, ML96b]. Cubes [CR95c].

Cuckoo [TK07]. CUDAs [KMM15]. curly [HSW97]. curve [SA77].


Cyclic [KPP21, Mae90].

D [SHCY93, ASG99, BSM+07, BZ98, CJ93, KD15, LT90b, Mun07, TCCK90, ZLN11]. D-pattern [ASG99, KD15]. DAGs [ZZ12]. daisy [SMT+86].

Dallas [IEE95b, NEH90]. Damaged [SP16]. Dark [Hun99]. Darmstadt [AGS93c]. Data [ABM08, AAC+01, BLLW12, B+02, BGNV10, Bon07, CW84, CMNP17, DT87, EF13, FG89, FO76, FBY92, FMA02, FMG23, Gia93, GG97, Gon83, GS85, Har02, JDXD13, KM94, LSW08, LKL02, LM01b, LMV16, LS94, MBP22, MMS14, Neu10, PYY19, Pre99, RPE81, Sad96, SD95, SII78, SW94, Sto92, SC93, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SM09, SM10, SM11, SOR16, TV14, VML15, WCM+94b, YDDB15, ABB93, AL08, AMRV16, BGHZ15, BFP+08, BFS00, BC93, Cha93b, CDC96, CDP16b, CD96, FG95b, FG99, FMG22, GMCO2, GS22, GW92, GS93b, GS93c, GPN96, GHS12, GS06, HN90, HSL10, HH16, HF13, IO97, JD89, Kra08, Lar99, LWS+16, LRV13, LTV15, MRA+17, MF96, MRR+18, Ni90, ORPF13, OR11, OSSK16, PJP+18, PJMR14, QTO+20, RW93, RM06]. data [SMS15, SG16, SMW+23, TSI13, TG96, VR18, Wad87, WCM+94a, ZBST14, SC04, SC05]. Data-Parallel [VML15, MMS14, SC93b, GS93c].

data-parallelism [RW93]. Database [ACM83, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, CCL87, HF13, HA102, LHMHH91, LL08, MNP+23, SK17, VB98, GPTV93, IIK08, KLB12, Len11, OKT92, SHS14, SR16, ZCO09, KKP92]. Databases [ABB+17, AOV+99, CCH09, GNU94, Ponn93, CN21, FL+19, SHvR+16, WZS95, ZCT14, ZCO12]. Dataflow [PK85, Ray96]. Datalog
[dLFM07]. datatypes [JR15a]. Dates [SM99, HN00]. dbC [GS93b, GS93c].
DC [ACM84]. DCC
[SC98, SC04, SC93, SC95, SC96, SC99, SC01, SC02, SC03, SM09, SM11].
DCC [SM10]. De-Compositional [LN19]. Dead [Cox10c, MD10]. Death
[CGP+08]. Debugging [MLM+08]. December [A+08, IEE94a].
decentralized [SMT++06]. Decidability [Asp12, Kar82, San15]. Deciding
[CDLM17, Gaa04, MPdS12]. decipherability [AG84]. Decision
[MNS10, RS59, CS11b, HW09, TN13, TN15]. Declarations [MGH93].
Declarative [ADR15, FKRV16, Spi99a, Spi99b, KLR+08]. Decoding
[Sto96]. Decomposition [AGH+17, KVX12, PS93b]. deduction
[Bun94, HR03, Kap92]. Deep [CMS08, LLLL08, LLC17, VWR11, YP13,
ARS16, BAC12, NYuR15, STKD20, SYW19]. Defective [BTTF02].
Defending [AV23]. Defense [Bol02]. definability [CDLM17]. Definable
[BLSS03, Cho78]. Defined [KMRY20, KMR21, PSK17]. Defining [TBD22].
definition [Yod91]. definitional [CKC07]. Definitions [IEE01a, IEE01b].
deforation [BCWG09]. Degenerate
[BGP+22, DW17, IMR08, LJH+17, BPPR20, DGG+19]. Degenerates
[GP18]. degree [HY90, LSV08, YH91]. degrees [YH92]. del [ACM69].
Delay [ABMN20]. deletes [Mei15]. Demand [KBB01, FWDL15].
demand-driven [FWDL15]. Demystifying [WBS22]. denial [PM23].
Denmark [AH97]. denoising [CDM05]. Denotational [Gud92, Mal93].
denoting [HSJ04]. Density [Bur11, Sel84]. Department [Bol02].
Dependence [KK95, AFM94]. dependences [BD08]. dependencies
[Cox19, QTO+20, Rai99]. Dependent
[CD18, Hua94, CFLH+22, CDP16a, CA18, CA20, Jan23]. Dependent
[Xi03, CDP16b, Tej20]. depth [Alb89]. Derivation [Mis03, BGJ89, Pep91].
Derivative [MN++23, SL17]. Derivative-Based [SL17]. Derivatives
[Ant95, Brz64b, CJM12, CDJ15, SL14, ST19, Urb23, Ant96, ADU16,
BR016, ELF22, KMR21, ORT08, ORT09, Sd00, TN13, TN15]. derived
[PS90]. derivors [Gie90]. Described [KPR97, KPR00, SA96]. DescribeX
[CMRV10]. Describing [Pie95]. description [CDL08, FKS06].
Descriptional [GH15, LMN16, XH23]. Descriptions
[KK95, KRS97, SC88]. Descriptive [GR96]. descriptor [All82]. Design
[AHU74, BK75, BCD14, Bir10, Bur84, HL97, OF61, Ski98, VKP17, ZA87,
dLBHC22, Bur82, CMS08, HUR84, KCK93, MI07, OA17, San09, SW12,
WK09]. designers [LS99]. Designing [IIO9, Mor83, SB09, DC94].
Desktop [Rob99a, Rob99b]. desukutoppu [SM04]. Detect [OWP16].
Detecting [GN19, Mut97, TMV+01, Mar89, Mha05]. Detection
[ARM+19, BYHT18, CZCD09, GK+10, KKK11, KNNH00, Lee91, LY17,
Les79, PAMP12, Sli83, TS05, WWW+16, ZL18, ZLN11, ACF05, BKLE18,
BAC12, BCD14, DN06, FN09, GZ10a, Joh94a, KOI94, KAT07, LHCK04,
LGZ+14, OK94, QLY07, SA77, TBS06, VD17, Hig95]. Determining
[ZZJC20]. Determinism [GGM12]. Deterministic
[BGNV10, BK92a, BK92b, BK92c, Coo72, FS19, GZ94, GMS12, Ind97,
KV15, LY86, Nag21, Ned98, TLLL07, VW11, Vis91, Vis91, XLC19, BS86, BBM21, CDLM17, GHR+16, GM17, Lau00, LMN16, NdMM02a, SV09.

Develop [DV21], developers [LS99]. Developing [MNN52].

Developments [PV91, OKT92]. Devices [HAR10, Sym85, CMS08, Pet07].

DevReplay [UIM22]. DFA

[BC13b, CF97, NYuR15, NR01, PW93, TJD+17, VWR11]. DFA's

[CH92, FDG+11]. Diacritic [JZAA19]. Diacritic-Based

[BCP92, FDG+11]. Diagnose

[SL17]. Dictionaries [Bren94a, Ow93]. Dictionary

[And02, Bren94a, Bun95, Gue87, KW19, KS11b, KS12b, AF92, DLF+15, SMW+23].

dictionary-based [DLF+15, SMW+23]. Dictionary-Matching

[Bren94a].

Diego

[ACM92b, ACM93b, Sto92]. differences

[CN21, LV88]. different

[YB13]. Differential

[FDG+11, PS93a]. Differentiated

[ZLN11].

differentiation

[PS93a]. Diffusion

[MSP+17, Sal01]. Digest

[CSCD09]. Digital

[AGS93a, AGS93b, AGS93d, AGS93e, AGS93c, JRV96]. Digitized

[LV94]. Digree

[SK17]. Dijkstra

[FvGGM90].

dimension

[Bak78].

Dimensions

[CCG+93, dRL95].

Directed

[Fu95, Fu96, Fu97, Gud92, Kor83, BO13, Dan91, Fil21, Nil90].

Directly

[Man94, Man97]. Directory

[ZJP+18, Zve80]. Disambiguation

[OS11].

Discontinuities

[Lee91]. discourse

[Kit94]. Discovering

[LSTW+17, LSWP19, SW93]. Discovery

[CLST+13, VG01, WCM+94b, MP05, TSI13, WCM+94a, WZS95].

Discrete

[ACM97b, Gim73, KC99, 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

[MFRW90]. dispatching

[FMB99].

Display

[Ref77]. Display-Oriented

[Ref77]. Distance

[BCP02, CZOdH17, D’A98, FMP20, KS94, Med23, Ris16, RKH02, TT20, ZC09, AEP06, AK12, AD11, BC95, CM07, EH88, GF08, HKN14, HOK18b, Leu97, PPZ08, Rot91, SKS96, TSI13, ZXL+13, HOK18a]. Distance-join

[ZC09]. distances

[ABB+09]. Distorted

[VB98]. Distortion

[KC87].

Distributed

[ASA17, BYNTK21, CPW88, IMR08, ML96b, NCKL14, PSP+18, SK17, TVCM12, ZLN11, AC93, DSV94, FW12, HRN+15, HFFA09, LQL+16, LLC03]. Distributed-Memory

[TVM12]. Distribution

[MR11, YJ84]. divergent

[SD95]. Diversified

[FWM+13a, FW13b]. Divide

[KD15, SW12, SHCY93]. Divide-and-conquer

[SHCY93]. Dividing

[KKK11]. DNA

[BEL17, CLST+13, CN21, HAI02, IMR08, KYG19, KB22,
Do-it-yourself [Abb77]. DNA/RNA [IMR08]. Document [ABMN20, BK93b, BKW92d, DS19, FKRV15, FRU+20, KNS12, LMNT16, All82, Arn93a, Arn93b, BK93c, BK93d, BK93e, KRML09, WZS95, WCW82]. Domain [CF85, CDC+23, GÁSÁ+13, PIR17, SKS96, SHvR+16].
 DReX [ADR15]. Drive [KK02, BC06]. driven [BG14, FWDL15, GHS82, Mus03, Sak21, TJGY22]. Drosophila [YCJK08].
 Drum [SP16]. DSL [BCD14]. DSL-driven [BCD14]. DTDs [BNSV10]. Dublin [ABB93]. Duration [XJT+04]. 
 Duration-constrained [XJT+04]. during [Sch81]. Dynamic [AGT89, ALLS07, ACR20, BSM+07, BFNP10, CWL+21, CL95, Mye98, 
 Sch95, WBA83, ZLN11, ADM+13, BD98, CHLS07, CGM10, FG95b, FhDAF09, HSL10, JSH09, KT14, LYWL08, Mye99]. 
 Dynamics [JM85, MSP+17].
 [FS13, BYK22, KLL23]. edge-centric [BYK22]. Edge-coloring [FS13]. Edinburgh [AOV+99]. Edit [CZOdlH17, JWZ94, Med23, RKH02, AEP06, 
 AK12, BC95, CM07, Lee97, LT97, QWX+13, QWX+13]. Edited [Ano97b]. editing [DO893]. edition [Ano12]. Editor 
 [Pik87, Pik00, Rei77, Ritxx, Ano17]. Editorial [AGS93a, AGS93b, AGS93c, AGS93d]. Editors [Dav82]. Edsger [FvGGM90].
 EDTV [Reit77]. education [Ker04]. effect [Mha05]. effective [SVMM17]. Effective [AG06, FKS06, GN19, XLC19, ZGS+15, KC11, PC02, ZKA12]. 
 effectively [ADT15]. effectiveness [BSY00, DNR06]. Efficiency [ALR08, San15]. Efficient [AC75, ACR01, ALV92, ALLL98a, ALLL98b, Apo93b, BKLE18, BDB90, 
 BC13a, BA15, BC13b, Ben94, BBH+87, BYHT18, BT21, BYK22, Bra94, BC94, 
 BG95, CF06, CCF13, CFP19, COZ09, CRR02, CDDM05, CCI+13, CLT07, 
 CGPS13a, CDC+23, CR95c, DA18, DGG+19, EMC96, FMP20, FMMS20, 
 FRU+20, FT04, FM06, GC01, GP01, GP03, Gaw12, GLS07, GWX+23, Gon83, 
 GM17, GMSV22, Gu90, GZ10a, GS06, HMM+13, HL10, HH16, HW12, 
 KR81a, KR81b, KR87, KRS97, KSK94, KT14, KKK11, KRR17, Kos89, LV86a, 
 Lau01, LP13, LKL02, LTL04, MK90, MHT09, MOSZ18, NHN+20, NWE99, 
 NdMM02a, NK07, Owo93, PAMP12, PDC94, QLY07, SRV+19, SRK20, SA96, 
 SOR16, SvS14, SWW+12, SLZ+20, SMW+23, TZHYH14, TQJY22, XQW+13, 
 Yn12, ZJP+18, ZXL+13, AB09, Aoe89, CPT92, CRR03, CLZ+15, CW13].
 efficient
Efficiently [ADR15, DF00, ADM+13, Kim99]. effort [LG16]. egrep [Woo87]. Eighteenth [ACM86, ACM99a]. Eighth [ACM97b, B02, ACM76].

[GK86]. Eugene [Hig95]. EUODHILOS [OSM94a, OSM94b, OSM94c]. EUODHILOS-II [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, BSY00, Chi17, CD89, DR06, Hur84, Jay92, JLFL14, Jor92, KEG +08, MRA +17, MM03, PSK08, Smi91a]. even [LR14]. Event [CvW18, SGCW14, dH05, CK08, LG16]. Event-based [dH05]. event-processing [LK08]. Events [CEW58, Kle56]. EventScript [CK08]. everyone [Nar91]. Everything [NTS93]. Evolution [CS18, Hud89, MS20]. evolvable [LLC03]. Exact [AOK02, BCT94, CL97, CHL14, CHPZ95, CH97a, FL12a, FNU02, GG91, GG92, IMM +22, KM13, Liu14, MIH17, MA12, PP09, WSVS22, ABH +14, Bak78, CH92, CG990, DHT10, FL13, FS22, HTX17, KB22, Kar82, Lec07, NF04, QWX +13, SSL21, Tan14, THG17, TZH +13, YHV +15]. exact-match [Bak78]. examined [ORT09]. examining [BvdM23]. Example [CFCK22, Qu02, Qu00]. Example-based [CFCK22]. Examples [BDD +14, Bra94, BC94, KK08, BGH15, GHS12, Kod79, LSO17, SG12, SG16]. Exchange [RMK +14, AL08, HSL10]. excluding [MBH20]. EXE [CGP +08]. Execution [AWD +18, Han92, MZZ10]. exemplars [CJR +21]. Exercise [Wen93]. exercises [BH07]. exhaustive [IM13, KJS17]. Exit [MOG98]. exotic [MR82]. Expanding [Ham88, VHC88]. Expansion [CF85, Gue90]. Expect [Fri97b]. Expected [CZOdlH17, Ku99, CL90, Sch88a]. experiment [GHS82, Rus88]. Experimental [ACR01, GIMV03, HBRV10, Lec95, JLFL14]. Experiments [Lec98, MNS84, Smi91b]. Expert [LYT +23, WSS94]. experts [B +07]. Explicit [For02, CFK07]. Exploiting [GKW +10, JDXD13, Kull11, MKF91, KKM +06, Rém17]. exploration [FWDL15, SW12]. explorative [Ker04]. exploratory [ORPF13]. Explore [Cop91]. EXPLORER [FWDL15]. Exploring [CvW18, CMRV10, YB13]. explosion [PLT14]. expressibility [tC09]. Expression [Anox, Asp12, BC13b, Bon07, BTC06, CZ01, CJBW16, CKW09, Cox07, Cox09, Cox10a, Cox12, Dav99, EU98, FC04, GJ16, GRS99, Gib21, Gol93, Han13a, Hol84, Ier09, JKL +20, KM92, KM95a, KN12, LKM23, Lee09, LT16, LN19, MPN +14, Mye92, MOG98, NR99a, NR01, Nav01c, Nav04a, NR04, NR21, NH11, OS11, OWP16, PPA10, RD17, Ric79, Sab76, Sca11, SD95, SM99, SvS14, SL14, SL17, VCS +12, WPKL13, WMM95, YP12, YQW +16, ZCH23, vG01, Agu23, BAC12, BvdMi17, BBvdM21, BC08, BFG09, BG22, BFS04, BHO7, COZ09, CJBW13, Chi17, CLT07, CGPS13b, CS11b, Cox10b, CS22, DF00, FOG +11, Fil21, Fos89, Goo05, GHR14, HN11, Hos06, HVP00, HP01, HP03, HVP05, Hum79, KS08, Kar82, Ker07, Lee82, Le80, Lif03, MM14, Mor90, NNSP22, NT20]. expression [ORT08, ORT09, PIR17, PLT14, PCS99, RTO15, SJ13, SCF +17, Spe85a, Spe85b, Stu03, Stu07, SSSW19, SLZ +20, SMW +23, Tho68, WXZY12,
WL15b, WBS22, WW03, WR15, Yam19, YKGS11, YCJk08, 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, BC94, BMRR19, BK93b, BKW92d, Brz62, BP63, Brz64b, Brz64a, Brz65, CDLV99, CDLV02, Cam99, CSY03, Cha01, Cha02a, CLOZ04, CJM12, CDMJ15, CGR02, CHP92, CC97, CGS17, CDC+23, CDL95, CDL99, Dav03, Dav04, Dav21, Dav22, DM11, FLS98, FU82, Fri02, GHLK18, GGM12, GN12, Gli62, GS22, Gl70, Gin67, GH13, GH15, HHH+13, HAb04, HM98, Ham88, HWW06, Han13b, HJ99, Him96, HK11, HS9W7, HSW01, Hum99, IY02a, IY02b, KTO6, KTO7, Kea91a, KP99b, KP99c, Kin92, KMYR20, KV15, KZ02, KST12, LS99, LS06, LZHZ98, LM01b, LT09, Loh10, Mad01, MNS10, MY60, MSZ17, MR09b, MPdS12, MGF97, NM10]. Expressions [Org03, OF61, Pak91, PM78, Pat71, Pet02, Pre99, Ray96, Rez92, SA96, SSSS10, Sou99, TV14, TB00, UMa97, Urb23, VHC88, Wen93, WZU14, XK92, XLC19, Yam01, YPG21, ZGS+15, ZMWL20, AFl98, Ano97a, AGM5, AM95, Ant96, AOMC07, ACM02, ADU16, BCG07, BYG96, BRLI3, BdFED+20, BTGS8, BG91a, BDFR08, BvdM23, BS86, BNSV10, BBM21, BK86, Bra95, BK93f, BK93d, BK93e, KG90, CP97, CX20, Cho78, CK02b, CK08, CGPS13a, CDLM17, DL03, EZ74, EZ76, FL71, FHW10, FS19, Fr97a, Fr96a, GLRA11, GR92, Gef03, Gel10, GL03, GL12, GSO7, GHR14, GMS12, GM17, GH09, Gue90, HW07, HY90, HWJ03, HSJ04, Hoc19, Hov12, NHO0, Jan95, JSH09, Job96, Kap69, KGA+12, Kin91, KMR21]. Expressions [Lar98, Lau00, Lau01, LSO17, Lei81, Lei85, LWS+16, LT15, LR14, LM12, LM13, LMN16, Lus94, Mag81, MMDDJ11, Mor02, MZZ10, MM89, Nic03, PHXD19, PC02, PM23, PIT+03, PPPdG20, Pra97, RT18, Rob79, Rom14, Ryt89, Sak21, San15, SMS15, Sh88b, SY72, SH58, SM04, StuO7, ST19, STM+86, TN13, TN15, UIM22, XH23, XJT+04, YH91, YH92, tC99, HHH97b, Hum97]. Expressive [AGP18, BLLW12, HS08, MFRW09]. Extend [Cal00, dLFM07]. Extended [Ano68, BK93b, CTF+98, Gon02, HY90, HL97, KV15, KZ02, NR98, SvS14, Yam01, YH91, YH92, AM95, BK93d, BK93e, CM95, GV00, JM93, RT18, Rob79, SMT+86]. Extensible [vNG01, MKSiA98]. Extending [AS04, DJ96, Jan85, Kea91a, MSR00, PMS11, WLF14, Bak78]. Extendible [BAC06, SNM07, BFN+09]. Extension [Liu86, Kan92, SNM07, MMDDJ11]. Extensional [DRW95]. extensions [Mis89a, Mis89b, Wea94, WKR09]. External [GIK97, FG95b, FG99]. extracting [BGHZ15]. Extraction [FKRV15, FKRV16, HHH+13, KT23, Kea91a, BDMT16, BT21, DLF+15, FKRV13, Kit94, KLR+08]. extractor [Agu23]. extrapolation [Sid95, Sid99, Sid00, Sid02]. extremely [AK08].

fixed-length [HOK18a, HOK18b]. Fixed-Parameter [Sut21].
Fixed-Queries [BYCMW94]. Fixed-Size [CF85]. FL [CVP86].
FlashProfile [PJP+18]. FlashRelate [BGHZ15]. Flexible
[LY17, NR02, SvS14, ME97, MM07, NR00, Nav01b, SNZBY00, Lut02].
Florida [IEE88, IEE97]. Flow [FO76, HEWK03, FWDL15, MF96].
Fluorescent [HFI+08]. FLUX [Che08]. FM [KC21]. FM-index [KC21].
FmpRPMF [LZ18]. Focusing [Kri09, Zei08]. Font [Wol86].
Frame [KB22]. Framework [BGM19, DJ96, KK95, VKPI17, WMGS19, AS04, AMRV16, BYF96, DLF+15, FKRV13, KKM+06, KMM+13, KMS+03, PJP+18, TZH+13, ZKA12].
France [Bun94, KU09, Ng79]. Francisco
[ACM92c, ACM95a, DT87, KP15, USE92]. fraud [VD17]. Free
[BJ16, HM98, HWW06, Han13a, HSW97, HSW01, Joh69, MFMA15, Nag21, SBHM94, Geh83, HWW07, HY92, HSJ04, KGA+12, Lio95, Mye95, tC09, Bol02, MFMA17]. Freeness [Nag21]. FREME [WL15b]. French [Alb89].
Frequent [BGM19, EASK14]. Friedl [Ano97a]. Friendly [SIN919]. front
[JHLB92]. Frontier [CHZ06, D’A98]. Fukuoka [AT02]. Full
[ZJP+18, KWLL08, NM07, OKT92]. Full-Path-Indexed [ZJP+18].
full-text [KWLL08, NM07]. Fully [CDL95, IST05, Jez15, FG95b, GR99].
fully-dynamic [FG95b]. Function
[AK09b, BR20, JON13, MCP17, Ric79, Bar84b, Bjö93, CT96, FF08, GT90]. Functional
[ACM92c, Bir10, BK89, Hud89, JR15a, Pou93, Web95, Che08, DA20, Fil21, FH10, GáSÁ+13, HJW+92, Mal93, OR11, QTO+20, Rob87, Sch88b]. Functions
[MFMA15, MFMA17, Sch09a, Sch91b, CFLH+22, Dow93, Kod79, Yod91].
function [dSOMY15]. Fundamental [Sym85]. Further
[GR91a, Sid99, KR22]. Fusing [SVM17]. Fusion [Sm101]. future [LG16].
fuzzers [CGZ+13]. Fuzzy
[GJ16, GN01, RFD23, BC13a, WSS94, WLF14, ZBST14].
MNP+23, MSS+19, PJMR14, RKH02, SK17, WHZ+17, Zue96, A+08, BKLE18, BLR11, BSTU08, BCD14, BYK22, EASK14, FWW13a, FWW13b, FWW13c, FMG22, GPTV93, LRV13, MCF+11, MCF+14, SW93, ShvR+16, SGCW14, Sri88, TG96, ZXL+13, ZCÖ99, ZCÖZ12. Graph- [CMNP17].
Graph-based [PJMR14]. graph-oriented [GPTV93, TG96].
Graph-Structured [BLLW12]. Graphic [LLLC17]. graphical [CMW87, LLS12]. graphics [AK08]. GraphLog [CM90].
Graphs [BJM79, BYNTK21, EMTG23, EMT23, Fu95, Fu96, HPM94, LMV16, LSWP19, MY60, RHR+21, TV14, WD99, BBG13, BÖ13, FFTD15, KC15, QQC+13a, QQC+13b, SVM14, SWW+12, ZYQ+15].
Graphspan [WHZ+17, ZWH+21].
great [Sch81]. Greco [Sal01]. Greco-Roman [Sal01].
Greek [Gue87]. Greek-Armenian [Gue87].
Grep [Pit08, VCS+12, Geoe95, NTS93, Roo99, Tay97, Kah07, Kah09, Sid99, Sid02, Hol84, Bar90, Hae89, Nav01b, Woo86, Hum88b, BK09].
Greppin [Sal01, Gue87]. Grepping [HHW+99].
Guerriguian [Sal01]. Guessing [Pak91].
Guide [GS93a]. guided [FhDAF09, Nav01a].
Guidelines [Anoxx, Dav99].
Guild [B+07].

Hairpin [CDJM15]. Hamiltonian [YT03]. Hamming [HOK18a, AD11, GF08, HOK18b, Ris16, TT20].
HAMPI [KGA+12].
Handwritten [CLP95, SKS96]. hard [LMM17]. Hardware [Bur84, HH83, HKL+14, Lee09, Lut02, MGW14, OWP16, PK85, Rob92, ZS17, Ak08, ACF05, Bur82, FNP09, GZ10a, Hur84, KKM+06, MP88, MLC08, TYNMS]. hardware-accelerated [MLC08]. hardware-assist [KKM+06].
Hardware-Based [HH83]. Hardwired [BK75]. harmonic [BCWG09].
Hash [CCH09, Dav73, RJK79, Sch91a, Sch91b, KB22].
Hashing [Bur84, CKW09, CG79a, CG79b, Gig77, Gri79, Har71, LLLC17, TK07, ASM17, Bur82, Kim99, MksA98, TLL07, XMCL11].
Haskell [HHJW+92, Jon07, VLP17, Wen93].
Hate [HHW+99]. Hausdorff [Rot91].
Healthcare [BTTF02]. height [Tho81].
Help [DKA+15, FR17]. helpful [VVV04]. Helsinki [KS12a]. Hershey [ACM76].
Heterogeneous [MM02, MM03]. heuristic [BCWG09, Mst05].
Heuristics [CIL+03, Han13b, KR92]. Hierarchical
[GM02, IK3, 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, LK88, LH13a, PLT14, SW12, SNB+19, TLL07, 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, LK88, PLT14, TLLL07, XMLC11].

High-Throughput [BTC06, LPT12]. Higher
[HW12, JR15b, KU99, SmD01, Chi08, NRO12, OR11, Pie08, Zei08].

Higher-Dimensional [KZ99]. Higher-Order
[HW12, JR15b, SmD01, Chi08, NRO12, OR11, Pie08, Zei08].

Higher-Dimensional [KZ99]. Higher-Order
[HW12, JR15b, SmD01, Chi08, NRO12, OR11, Pie08, Zei08].

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Increased [HFN05]. Increasing [HR00]. Incremental [FWW13c, HKR92, Mey85, ISHY88]. Independent [ABF94a, CR95b, KR94, GP92, VS11]. Index [Kah06, Kah07, Kah09]. Indeterminate [DW17, SW09, LMS21]. Index [CGR02, CN02, Cox12, Gia93, HTK+21, Man86, Zve80, Al82, CRG03, DGM19, HLS+11, KWL07, KWLL08, KC21, KST16, NC06, TPT13, ZCT14]. Indexes [TCP16, ZJP+18, EMT23, GMC02, GO12, KNT15, Sen00]. Indexing [CLS+10, KRR17, Nav21b, RNOM09, CHLS07, NM07]. Indexing [BGH23, Gib21, GL86, GV05, KKSLO1, KTY+18, LMRT14, LM01b, NBY99b, Nav21b, Nav21a, SWY75, SVM14, GV00, HAI02, SJ13]. Indianapolis [DGBH93]. Induction [Zha96]. Inductive [ASJDW21, ASJDW18, CL09]. Inductive strength [Moo12]. Influence [FTJ95]. Inform [Gro91a]. Information [FKRV15, FKRV16, FBY92, IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, KT23, LZ96, MKF91, MSP+17, SD91a, SD91b, Sno01, XZP+23, FKV13, Kit94, KLR+08, Lus94, SRS14, SSK96, FGR72]. Informative [IEE01c, IEE01d]. inheritance [Mor02]. Initial [Man75]. initialization [MME14]. Injection [AV23]. Inner [BF97]. Input [TJD+17, Sak21]. input-driven [Sak21]. Inputs [CGP+08]. Inscription [D+23]. Inspection [LLLL08, LLC17, PW12, VWR11, YP13, ARS16, BAC12, NYR15, NNSP22, SSYW19]. Inspired [GWG10, Pet92, San09]. Installations [SK17]. instance [FK96]. instance [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, PJMR14]. Intelligence [IEE94b, PJMR14, Rob92]. intelligent [JLBH92]. Interaction [BNV+13, KP96a, KP96b, HR00]. Interactions [BNV+13]. Interactive [Han02, MR05, BKM95, BH07, DDKP11, MI07]. interchanges [Chr96]. Interconnect [SRV+19]. interconnection [KRL87]. Interest [DT87]. interests [SW93]. Interface [IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d]. Interfaces [IEE01g, IEE01h, PW06]. Interferences [FTJ95]. Interleaving [CGS17, CGPS13a, GC10]. Internal [ACR20]. International [ACM94b, ABB93, AGS93e, AAC+01, AOV+99, Bao93, B+02, Bro93, Bun94, DMVT13, FMA02, IEE95b, Kap92, KP15, Lev95, Ng79, NH11, SW94, Sto92, W090, A+08, BGP94, HF13, MG94]. Interpolation [HW12, Lut02]. interpretation [HN11, JP11, NC92, SHCY93]. interpretations [MP09]. Interpreter [HOS85b, Mae94, Eck89, HOS85a, Rob87]. Interprocedural [WHZ+17, ZWH+21, FWDL15]. Intersection

L [Sal01]. Label [XPZ+23, VR18]. Labeling [FK16]. Labels [KMRY20, KMR21]. Lafayette [Hig95]. Laguna [HM96]. lambda [Dow91]. lambda-calculi [Dow91]. Language [AKW85, ADR15, Ano68, Car77, Fre06, Fre78, GS93a, GP93, GH09, Gud92, GR96, Hr96, KN17, LS99, LL92, MGH97, NM10, Reg92, Sab76, SBF80, SM+18, TB22, TB00, VV04, vNG01, Arn93a, Arn93b, BK86, BFS00, CFM00, CM96, CK08, CMW87, FL71, FPD08, Fri97b, HJ+92, Jør92, KN19, KN19, Mal93, MLC08, RT18, RW93, RTO15, SNB+19, SC88, Ste12, Str13, SNM07, YIAS89, Zia96, DMVT13, DWE89].

Languages [AC92a, ACM94a, ACM95a, AAB+17, AGP18, BLLW12, CM58, CP23, EJ23, HHW06, HU79, HR92, HMU01, HU79, Hush89, KT06, KP99c, KL16, Kor83, KST12, Nag21, ND02, SA96, Sch12, Sch13, Wag74, ACM87, AGM05, AOMC07, BRL13, BD+20, BLS80, BK92a, BK92b, BK92c, BDM19, CS09, Colh90, Ditz78, ET18, FhDA09, HWW07, HS01, HS01, HW09, Kes91, LRV13, Me04, SZZ10, MPW21, Mye95, PP85, Ruv88, Sak21, Sch88b, SH1+16, Smi91a, dLFM07, BGNP94].

Large [AAC+01, AOV99, BH85, B+02, BP13, LHMH91, Riu16, VB98, WHZ+17, ZMSD93, ZWH+21, ABB93, BC13a, CD96, EASK14, HA102, LYWL08, Owo93, QC+13a, QC+13b, RW10, YHV+15, ZD95, ZC909, ZC912]. Large-Scale [LP13, WHZ+17, ZWH+21, LYWL08]. Larger [GZ94]. LATA [DMVT13, NH11]. latch [Fos89]. Lattice [Mun07]. Law [AW89]. Layout [JD13]. laziness [KSV15]. Lazy [KKP16a, KKP16b, Jay92, Jør92, AJS99]. Lazy-ML [DJ15]. LDA [YCIK08]. Learned [HTK+21]. Learning [BGNV10, Bra94, BC94, Bra95, KK98, Kin92, KK02, ORG03, PDL98, RFD23, SPF08, SG12, ZCS+12, BDM06, BC06, Ker04, STK18, THQ19, VV04]. least [Boo80, DK13]. Left [NWE97, Ned97, CWZ10, CA20, HR03, Tak96b]. Left-to-Right [NWE97, Ned97, Tak96b]. legacy [Joh94b]. Leif [SC88].

[Boo80, CDPP23]. 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, GHLW15, Hol84, HK11,
AMRV16, BTG83, Mis89a, Mis89b, MPW21, YH91]. Lille [KU09].
Limitation [Kü10]. Limited [HAR10]. limits [Sid00]. Line
[FG98, GG97, Lat02, Man75, MM93, Prü17, Sno01, Tak86a, Tak86b, BEL17,
Biu08, CLP95, CT96, FG95a, Fret6, Gal75, Joh95, KNT11, NR02, NEL17,
Rot91, Shi96, TIT83, YC22]. Linear [BJM79, Brz65, Bur11, CFP919, Cha94,
Cha02b, CGS17, CH03, Coo72, CR95b, CGPR95, GS81a, LK90, LO94,
Man75, Pat71, PRU11, RPE81, SSSS10, CGPS13b, EHS88, ET88, GFG11,
GMS12, HKN14, IKX15, KKR+13, LK88, Rep98, SYG00]. linear-space
[IKX15]. Linear-Time [CR95b, Man75, GS81a, KKR+13]. linearised
[TJMC20]. linearity [GO80]. Linguistic [Haz01]. Linguistically
[GWvG10]. Link [LTL04, KCC13]. linked [BAP06]. Linter [UM22].
Linux [Bhu08, Mah07, Qu000, DDB08]. liquid [VLF17]. LISP
[ACM92c, JLHB92, Kod79, MS20, Mu95, MuT95, 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]. lives [Joh01].
Lvubjana [FGRT2]. Load [MM02, MM03]. Local
[ABH+14, CM94, DJ96, GHK14, MU02, ZCS+12, GS81a, MPW21]. Locality
[TLC15]. Locality-Centric [LC15]. locally [Mei08]. locating [Mar89].
Location [LYT+23]. Locations [ST95, GS81a]. Log [D96]. logarithmic
[Sid95, Sii02]. LOGCFL [Pet02]. Logic [Bac94, GHK+91, Mac94,
BlFD+20, CDL08, Coh90, KM95, Mun95]. list [dSOMY15].
list-of-functors [dSOMY15]. listless [Jay92]. Lists [Gil85, BAP06].
Literary [HSTS01]. Literate [Ham88, Pep91, VHC88]. Lithographic
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[ABH+14, CM94, DJ96, GHK14, MU02, ZCS+12, GS81a, MPW21]. Locality
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Location [LYT+23]. Locations [ST95, GS81a]. Log [D96]. logarithmic
[Sid95, Sii02]. LOGCFL [Pet02]. Logic [Bac94, GHK+91, Mac94,
BlFD+20, CDL08, Coh90, KM95, 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]. lives [Joh01].
Ljubjana [FGRT2]. Load [MM02, MM03]. Local
[ABH+14, CM94, DJ96, GHK14, MU02, ZCS+12, GS81a, MPW21]. Locality
[TLC15]. Locality-Centric [LC15]. locally [Mei08]. locating [Mar89].
Location [LYT+23]. Locations [ST95, GS81a]. Log [D96]. logarithmic
[Sid95, Sii02]. LOGCFL [Pet02]. Logic [Bac94, GHK+91, Mac94,
BlFD+20, CDL08, Coh90, KM95, 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]. lives [Joh01].
M [RUG97, Ram94]. MACHINE
[BY91, CG78, Cox99, RDF23, AG84, BY92, Nak14, Ram94, WHZ+17].
Machinery [DT87]. Machines [AYS84, Bow87, BP63, JA17, JXA20, Moo64, OF61, Pux97, YD95, Aoe89, GOMSJGP08, KAT07, MMS14, Yod91].

macro [Sas79]. Macsyma [JM85]. Madison [FMA02]. Main [BK75].

Maintaining [AS91, GO12]. Maintenance [CS18, MG94, KPA10, PA10].

make [JT94, Mei15]. makematch [Kas08a, Kas08b, Kas08c]. Mäkinen [Gro91a].

Making [ABBH+16, ATdM07, NE93]. Malay [BSY00]. male [KT90]. Malicious [HL10, HT14]. Manacher [Akl78].


Mapping [CFM17, KYG19]. map-reduce [SASU13]. Mapper [GMAS22].


Marina [ACM69]. Markov [KPC13, KR14, LBK08]. Marseille [Ng79].


Mastering [Fri97a, Fri02, Fri06a, LR14, Rom14, Uma97, Ano97a, Hum97a, Hum97b].

Match [GHW05, KR92, LD10, Mor83, Pet92, Ses96, VB98, Zve80, Bak78, BK93a, BBHK14, DWE89, GJS20, JGMP22, KSVJ15, KCK93, Mei15, ZCO09, ZCOZ12, HC87].

Match-Bounds [GHW05]. Matcher [HH83, Sab76, Coo86, Ker07]. Matches [Dav73, KF91, Mut97, MOG98, PRU11, RSV23, GHST17, Mha05, Uk92, Yam19, ZD95].

Matching [AOIK2, Abr87, ABM90, AC75, AGT89, Aku94, AR00, ACR01, ABF94a, ABF96, ALA97b, AL97, ALL98a, ALL00, AAL+00, ALR08, AP10, Ano92b, Ano96a, Ano96b, Ano17, AYS84, iA94, AT02, ADLM96, AW98, Ash85, AJS92, ACD01, ASA17, BST+03, BYP92, BYCMW94, BYN96, BY96a, BY97, BYN98, BYN99, Bak96, BEM+12, BCP02, BL18, Bee81, Bee13, BIE17, BH02, BH85, BKL97, BKL+02, BGP+22, BL94, BM00, BBL93, BYNTK21, Bow87, BG92, Bre93, Brel94a, BCT94, BG95, BCT98, BGG12, BG14, BT06, BL16, BK93g, Bum95, BZ98, BG01, BCF112, BCC+13, CCG12, CF06, CF19, CM17, CDM11, CK02a, CLS+10, CL92, CM94, CL94, CCH09, CL97, CLP98, Cha02b, CN02, CTF+98, CZCD09, CHL14, CJW16, CWL+21, CK92, CDEK95, CG94a, CLP95, CM08, CL95, Chu95].

Matching [CW84, CHZ06, CJP12, 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’A98, DB06, DLG12, D+23, DN77, DCM15, DGM94, Dwe00, EIV04, ETV88, Eke95, EMC96, EF13, EMTG23, EZYA23, FT98,
FL12a, FL12b, FMMP20, FMMS20, FG98, FL08, FPT22, FR00, For02, FU98, Fre02, FNU02, FT04, Fre06, FC04, Fu95, Fu96, Fu97, GHLW15, Gal76b, Gal79, GS80, Gal81, GP90, GG91, GG92, Gal95, GP04, 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, GL01]. Matching [Gro92, GL86, GV05, GMMN12, GH82, HD80, Hanl3a, Hari02, Har97, HAR10, HL10, HT14, Haz01, Hea71, HEWK03, Hei01, HL97, HUN+19, HH93a, Hig95, HT17, HO82, HSTS01, How97, Hui92, HW12, HNO2, HNO5, IS94, IMP01, IMR08, IST05, IS86, IMM+22, IK83, JZAA19, JLK+20, Jez15, JL96, JGZL12, JSC83, JTFU96, KPR97, KPR00, KU99, KS12a, KR81a, KR81b, KR87, KRS95, KRS97, KOS3, KP93, Kes79, Kha16, KTSN99, KMT+01, Kid09, KST94, KS99, KKS01, KKK11, KS06, KS11b, KS12b, KM92, KM95a, KM95b, KMP77, KLH16, KR17, Kor83, KMM15, KB18, KK02, KR97, KU09, KNS12, Ki110, KVX12, KNM00, KC99, Lab12a, Lab12b, LSW08, LV94, Lav91, LP13, Le 91, LM01a, LKM23, Le95, Lec98, LKL02, Lee09, LY17, LT03, Les95, Les94, LV06, LY86]. Matching [LYT+23, LTL04, LLLL08, LA12, LLCC13, LJJ+17, LLL17, LLL17, LP11, Liu86, Liu88, LM02, LT16, LN19, LGZ+14, LCL06, LLW+15, LS94, Lut02, MZ07, Maao6, MS98, MBP22, MKF91, MU02, MV92a, MW92b, MGW14, MR11, MNP+23, MHT09, MUHT96, McI85b, MN+14, Mel95, Mey85, MM02, MIH17, Moh97, MO1, Mon17, MN+23, ML96a, ML96b, Mn 95, MuT95, Mun07, Mur97, Mut00, Mye92, Mye98, Nao91, NR98, Nav98, NBY99a, NR99b, NBY99b, NBY01, NR03, Nav04b, NWE97, NED98, NDM002b, ND02, NRS18, NCKL14, NR15, NEL17, OR12, OS11, OP16, Okt94, OM88, PDL98, PAMP12, PS10, PLL08, PK95, Par96, PV91, PPA10, PW95, Ph94, Pol13, PP09, Pux93, PK95, Pru17, PS93b, RR90, RR92, Rao95, RM88, RTT02b, RKM21, RS98, RRH+21, Ric79, Ris16]. Matching [RKH02, REP81, RMK+14, RT17, RSG+19, RDF23, RNM09, Sad06, SV94, SMD04, ST10K, SCFC94, SN92, SP16, Sca11, Sch95, SRR92, SRR95, SD95, Sha93, STSA99, SKF+00, Sh00, Sh11, Sh11, SSSS10, Sim83, Sim94, SF01, SD01, SL87, Sl83, SW09, Som82, Sp99b, Ste06, ST95, STR96b, ST96c, ST04, TBD22, TaF22, Tak86a, Tak86b, Tak94, TT22, TMK+02, TS05, TZW94, TZZ23, TU93, TP97, TMV+01, TJGG22, JK07, TLM15, TL12a, TL12b, TVCM12, UW93, Ukk10, VSM87, VB12, VWR11, Via02, VG01, VRD01, Vis91, Vis99, VS01, WAHD3, WPKL13, WS16, WMG91, Wat96, WK94, WD99, WBA83, Wf94, WM92b, WM95, WSV22, Xi03, XZL+19, YP12, YP13, YQW+16, YK11, YJ84, YDW18, YGG+23, Yun12, ZZ12, ZS17, ZS13, ZL18, Zha17, ZLN11, ZCH23]. Matching [ZT89, Zue96, de 82, van14a, van14b, AMB+02, ADR03, ADR06, AK08, AK09a, Ak178, Aku95, ASM17, Alb89, ACF05, AGS99, ALV92, AF92, AMF94, ABF94b, AAL+97a, ALLL98a, AL01, ALP04, ABC+04, AKT06, ALLS07, AAK+09, AAB+09, AEM+11, ABH+14, Ano97b, Ano01, Aoe89, AG84, Apo92, Apo93a, AH97, AG97, ACP05, ADLM01, AGS96, AD11, AGW13, AG06, BFKL13, BKL18, BYR93a, BYR93b, BYP96, BYC03, BSY00, Bak78, Bak93, BDB90, BCD98,
BEM$^{+13}$, BSTU08, Bar22, BGFK15a, BGFK15b, BR09, BA15, BA16, BKKB$^{+14}$, BBvdM21, BCD14, BPPR20, BLLP90, BLPL92, BFC08, BFG09, BGWV12, BG22, Bir77a, BGJ89, B¨O13, BGWXP22, BLL98, BYK22, Bra90, Bra95, BBK12, BBHK14, BG90, BG91b, BCT93, Bre95, Bre96, BGM13, BK502, BDM19, BFK$^{+03}$, BC93, BEL04, CADA18, CGK08]. matching

[CPT92, CCF13, CS98, CPW88, CF98, CK04, CGM10, CL90, Cha93b, Cha93a, CLZ$^{+15}$, CKP$^{+21}$, Cha87, Cha02c, CR93, CR95a, CLS95, CDDM05, CW13, CJBW13, CW18a, CW18b, CN07, Coo89, CM07, Coo92b, CRG93, CG94b, CR94, CLE6, CG99, CCH99, CKC07, Dai09, DR06, DS04, DA18, DGG$^{+19}$, DGM19, DOS03, De06, Der95, DJj76, Dijxx, Dit87, Dow91, Dow93, DC94, DGM90, DNP06, DHPT10, EMT23, FLA$^{+10}$, FWI13a, FWI13b, FWI13c, FLC$^{+19}$, FC98, FCLST07, FT95, FL13, FS22, Fat15, FHV18, Fen01a, Fen01b, FG95a, FMdB99, FDG$^{+11}$, Fi21, FBA05, Fre03, FN04, FM06]. matching

[Fri97b, Gaa04, Gal75, Gal76a, GS81a, GS81b, GS83, Gal84, GG86, GG87, Gal92, GP92, GU95, GPR95b, GR99, GU16, GGL94, GS00, GGF13, GG13, GMC02, GW92, GY90a, GY90b, GP96, GO80, GFG11, GG06, GL89, GV00, GM17, GZ10a, GS06, HIEH22, HW0W7, HY92, HLS05, HFS05, HCS7, HR03, HH93b, HH93c, HM96, HOK18a, HOK18b, HM04, HLS$^{+11}$, HBRV10, HP01, HP03, HK77, How96, HNL09, HHS06, HFN05, Hyy08, IT13a, IHEH23, IS96, Ier09, Ind97, Ind98, IS90, IK08, IM13, IB86, IS97, Jan23, JM93, JP11, JL93, Joh95, Joh94a, JU91, KTP10, KSVJ15, KB22, Kas08a, Kas08b, Kas08c, KN00, Kes91, KTS$^{+98}$, KMS$^{+03}$, KST92, Kim99, KWL07, KFE$^{+14}$, KC21, KKNS23, KNT11, KS01, KS05, KMP94, KS96, Kos89, Kos94, KM13, Kri09]. matching

[KKR$^{+13}$, KST16, KGP$^{+05}$, KPA10, KT90, LMM17, LV86a, LV86b, LV87, LV88, LV89, Lar99, Le97, LL05, LHI3a, LH03, LG16, LS10, LS09, LP08, Liu81, LH1C04, LBK08, LQ94, LT97, LLL13, MCF$^{+11}$, MCF$^{+14}$, MK90, MN05, Man76, MBY91, MMZ10, Mar07, ME97, MAI$^{+16}$, MP05, Mcl85a, MM03, MM07, Mis03, MHM$^{+01}$, MR90a, MB20, MA12, MPW21, Mum95, Mus03, Mus05, MM89, Mye95, Mye99, NYU15, Nak14, NN5P22, Nar91, NBY99c, NR00, Nav00, NKT$^{+01}$, Nav01a, Nav01b, NR02, NF04, NT05, NC06, Nd06, NWE99, NdM02a, NC92, NR17, NK07, Ni90, OK94, dSOMY15, OR11, Oph89, OW03, PS98, PLL10, PPTT15, Par98, PS90, PL14, PC99, PF94, Per94, Pet07, PMS11, PPZ08, PDC94, PA10, QZC17, Quo92, RM06, RTO15, RUG97, RTO15, Rus88, RLP20]. matching

[Sad93, SY23, SV97, SRK20, STK06, Sa12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SGYM00, ST96a, SN94, SSSL21, Shi97, SI77, SR16, Snu91a, SDS14, SGCW14, SHCY93, Spe88a, Spe85b, Spi99a, SRI93, SA77, Sto02, SALP20, SWW$^{+12}$, SLZ$^{+20}$, SMW$^{+23}$, SV87, SNM07, Tak96b, Tak93, TBS06, TZY14, TJD$^{+17}$, THQ19, TM04, TM05b, TM05a, THG17, Tje20, Thu93, TIT83, TIT13b, TLS16, TJMC20, TLL17, TLLL09, TCC91, THL$^{+20}$, Ukk92, Ukk93, Val09, Van06, VLP17, VV11,
Minimization [CMNP18, Moh94, ND02, TZW94, AYCLS02, Kra08].
Multi-method [FMdB99]. multi-pattern
[Alb89, CPT92, CCG+99, KTP10]. multi-patterns [KPA10].
multi-resolution [OW03]. Multi-Stride [PW12]. multi-striding [ARS16].
Multi-String [PLL08, YT03]. multi-tenant [SDA17]. multi-term [KM84].
multi-text [YT03]. Multi-Threading [OR12]. Multi-Track
[HUN+19, LT03]. Multi-User [SOR16]. Multi-view [CJ93]. Multibox
[Dyn94]. Multicast [Sch95]. multicharacter [CW13]. multicomputer
[TT0+22]. Multicore [VSP08, YP13, ZLN11]. Multidimensional [SN92].
Multidisciplinary [Kni89]. Multidisk [KCK93]. multigraphs [FS13].
multihead [CR87, Pet94]. multilevel [KCPC13]. multilingual [ZV97].
Multimodal [BKG12]. Multipattern [STK06, Yun12, ZSK12].
Multiple [HR02, BYN97, BLP94, CF06, CJS12, FL12b, Gaw12, IS94, IS96,
KTS+08, KMT+01, KMM15, LLL12, LT90b, LBK08, MM96, Mut00, OR12,
PW95, SVS97, Shi96, SALP20, TM05b, WVR11, CK02b, Da09, Fen01a,
FN04, HFN05, KM13, KGP+05, KIH15, Maa06, Mha05, NF04, PC02, PW06,
SSL21, WL15a, WZ96, ZC89]. Multiple-pattern [TM05b].
Multiple-Stride [VWR11]. multiplexing [Quo92]. Multiplication
[BGP+22]. Multiply [FT95]. Multiprocessing [WBA03]. multiprocessor
[Vin77a, Vin77b]. Multithread [Bur84, Bur82]. Multithreaded [EGP14].
Multivariate [CvW18]. Multiview [ZCS+12]. munch [Rep98]. Munich
[WZU14].
Open-Source [AWD+18, Bol02].

Operating
[IEE01a, IEE01g, IEE01e, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d].

Operational [HH83]. Operations [Dj96, AGM05, Ear74, GW92, GH09].

operator [HC87]. Operators [For02, Kea91a, Sym85, MMDdJ11].

Operations [DJ96, AGM05, Ear74, GW92, GH09].

operator [HC87]. Operators [For02, Kea91a, Sym85, MMDdJ11].

Optimal [AOK02, AR00, ABF94b, BH96, CLZ+15, CG94a, CR92, CGH+98, FCLST07, FG95a, FG98, FK16, FNU02, Gal84, Gal95, Gau13, GG97, IY02a, IY02b, KU99, KR94, LMMN07, MS98, MP88, Mor83, Mut00, Nak14, NWE97, NdMM02b, RT17, SN92, BKB+14, BG90, BKS02, CM0+08, CR94, FN04, GS81b, GS83, Gal92, GR99, GHK14, HFFA09, IKX15, IP96, KR89, KT90, MSRR00, MS95, Neb06, PPTT15, Ryt89, ZC99].

Optimally [CCG+93].

Optimising [Chi17]. Optimization [GC01, HJ99, IMM+22, LT90, Sca11, Spi99b, Web95, All89, CK02b, KLL23, KLL08, KGP+05, SJ13, Spi99a, VV11]. optimizations [PSK17].

Optimized [AK09b, ELF22]. Optimizing [CJBW13, CJBW16, CMNP17, Kha16, LM01a, KS08]. Optimum [LD10].

Oracle [FPD08, GL03]. oracled [PPPdG20]. oracles [KW05].

Order [GU16, HW12, JR15b, KEF+14, KAN+17, KKNS23, SdM01, Wag74, BLSS03, Bjö93, CFKT17, Ch08, CNPS15, CT96, DGM19, Dow91, Gie90, Kes91, NRO12, OR11, OND98, Pie08, TPT13, Zei08]. Order- [Wag74].

Order-preserving [GU16, KEF+14, KKNS23, CFKT17, CNPS15, DGM19]. order-sorted [Ge90, Kes91].


P [RUG97]. P2P [LLL12, LYWL08]. Pacific [IEE94a]. Package [Liu14, van14a, van14b, Kas08a, Kas08b, Kas08c, Nic03]. packages [Hoc19].

Packed [Zha17, BKB+14, GGF13]. Packet

[BYHT18, LLL08, LLC17, LMT16, VKPI17, VWR11, YP13, ARS16, BAC12, CMS08, NYu15, SSYW19]. Padova [Apo93a]. PageRank [LSV08].


[Gal76b, IT13a, Man75, IT13b, Gal75, Gal76a]. Palindrome-Recognition [Gal76b]. palindromes [NHN+20]. Palindromic [HIRS17]. Polo

[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]. PARAID [WOQ+07]. Parallel
[Ash85, BL94, BG92, CF06, CG87, Che96, CHL14, CCL87, CR92, CGG+97, CG+98, DK13, ECSS88, FL99, GG87, Gal95, GJ16, GHK+91, GZ94, GS85, GI97, GMAS22, HT17, HN02, HN05, IS86, KR94, KKK11, Küll0, LLCC13, LLLC17, MS01, MR09b, Mu00, NR98, RR90, SV94, SN92, TLC15, TVCM12, VMML15, Wei83, BGNP94, BLPL92, BYK22, BG90, BG91b, Bre94b, Bre95, BH96, CL09, CCG+93, CR91, CR94, Gal84, Gal92, GS93b, GS93c, GF08, Hur84, Hy98, II86, JRV96, KIH15, LV89, MK90, Mis03, MMS14, NYuR15, Ryt89, SY23, TTO+22, TLS16, ZC99]. Parallel-Algorithms [SV94]. Parallelism [JA17, JXA20, MKF91, Wri94, ASM17, CFKT17, HFN05, LV86b, NR00, RW93, SBB19]. Parallelizable [ATX21]. Parallelization [KP93, HA90, NE93, RP95]. Parallelizing [HN90, MIH17]. Parameter [Jok90, Sut21]. Parameterized [Bak96, BRL13, BDFW94, CHLT14, IS94, OP16, PA10, ACFM94, Bak93, BA16, CGK80, FM06, HLS07, IS96, KC21, KPA0]. Parameters [CJWB16, CJWB13]. Parametric [Chi08, HPM94, WAH23]. parametricity [Rén17]. parentheses [PDC94]. parentheses-matching [PDC94]. Parenthesis [Sto96]. Paris [Cro92a]. Park [IEE89]. Parse [Fre78, Kea91a, DF00, Fre78]. Parser [Hol84, TB00, Gan89b, LK06, MLC08]. parsers [Dya94]. Parsing [AU72, AU73, BRO16, Cam99, DA20, Gor00, MGH97, NH91, RD17, RS88, SL14, BvdM17, BG22, BM21, GHR14, MMI14, fer9]. Part [CDPP23, JHLH18, KP15, Kul11, Nav21a, Nav21b]. Part-of-Speech [JHLH18, Kul11]. Partial [Ant95, Ant96, CW84, CD89, GL01, KK08, KMR21, Mor83, Ses96, Smi91a, Zve80, ADR03, ADR06, HRR03, Jør92, KCK93, MR09a, ST19]. Partial-Match [Mor83, Zve80]. Partially [ZMSD93, HY92]. Parties [XZL+19]. Partition [CF85, FR17, WL15]. Partitioning [Fat15, Kim99, LWL08, Mi96]. Partitions [Knu05]. partners [LLL12]. Pascal [Liu86, Sha88b]. Paso [ACM97c]. password [KJS17, MW94]. Paste [Lud77, AM97]. patches [TCCK90]. Path [Bac94, BIL12, CDLV99, CDLV02, HJ99, LM01b, Sch22, SNM+13, Tar81a, Tar81b, TPT13, ZJP+18, BBG13, CJR+21, Che96, CK02b, LM12, MF96, PC02, SVM14, YCJ08, YTO3]. Path- [TPT13]. Path-space [SNM+13]. path-wise [MF96]. Paths [MPN+23, GLS07, LM13]. Pattern [AMB+02, ABM08, AKW85, ABF94a, ABF96, AAL97b, ALL97, AAL97a, ALL8b, ALL00, AAL99, AAL99, AP10, AWS16, AN09b, AN09b, AN09b, AN017, AAS84, iA94, AG84, AG97, AT02, ADLM96, AW89, Ash85, AJS92, AGS96, AD11, BYN98, Bak96, BCD98, BEM+12, BLP18, Bee81, Bee13, BKL87, BKL+02, BCKM15, BBL93, BBL98, BYNTK21, Bow87, BTC06, BL16, BGJ01, BCFL12, BC93, BCC+13, CCFF12, CFM17, CS98, CDM11, CG87, CK04, CLST+13, Cha02b, CZZ09, CWL+21, CK92, CDE95,
CG94a, CLP95, CM98, CL95, CHZ06, CEPR10, CJP12, CDP14, CH03, Col94b, CG79a, CG79b, Cro92a, CR92, CR95b, CGPR95, CL96, CGH+98, D’A98, DB86, DWE89, DLG12, D+23, DN77, Dit78, DCM15, DGM94, Dwe00, EIV04, EF13, EGP14, Far92a, Far92b, FMMS20, FL08, FR00, For02].

Pattern
[FNU02, Fu95, Fu96, Fu97, GHLW15, GPP04, GC01, GRS99, GIK97, GP01, GP03, GIMV03, Gav12, Gav13, GP93, GM02, Gia93, GG95, GG97, GM11, GMC02, Gil85, GW92, GKP19, GWX+23, GGN06, Gri79, Gri83, GL01, Gro92, GL86, Har02, Har97, HAR10, HH83, HL10, HT14, Haz01, Hea71, HEWK03, Hei01, HL97, HUN+19, Hig95, HO82, HSTSO1, How97, HW12, CV986, IMR08, ISTO5, IMM+22, JLK+20, Jel15, JSC83, KPR97, KPR00, KU99, KS12a, KR81a, KR81b, KR94, KRS95, KRS97, KN00, KP93, Kes91, Kes79, KTRA99, KMT+01, Kid09, KS99, KKS1, KKL1, KSO1, KSO6, KM92, KM95a, KM95b, KMP77, KRR17, Kor83, Kra08, KB18, KK02, KU09, KNS12, Köl10, KVX12, KNMH00, KC99, Lab12a, Lab12b, LV94, Lat91, LP13, LM01a].

Pattern [LKL02, LSW+17, LY17, LT03, Les95, LV06, LYT+23, LTL04, LA12, LLCL13, LJJ+17, LLC17, LP11, Liu86, Liu88, LM02, Lut02, MZ07, MS98, MBP22, MKF91, MU02, MW92a, MW92b, MGW14, MR11, MNP+23, MHT09, MUHT96, MCI85a, MCI85b, MS01, Mon17, Mu 95, MuT95, Mut00, Mye92, Nao91, Nav98, NBY99a, NBY99b, NBY01, NR03, Nav04b, NWE97, NED98, NDM02b, ND02, Neu10, NR18, NCKL14, OR12, OP16, OW03, Ott94, PDL98, PS10, Par96, PV91, Pet92, PW95, Pit98, PP08, PP09, Pot93, PK85, PS93b, QTO+20, RR90, RR92, Rao95, RM88, RK21, RS98, RHR+21, Ric79, Ris6, RSG+19, SMD04, SCFC94, SN92, SP16, Sch95, SRR92, SRR95, Sel84, Ses96, Sha93, SN94, STH599, SHI00, Shi04, SSSS10, Sim83, SF01, SDM1, SW09].

Pattern [Som82, Spi99b, TBD22, Taf22, Tak86a, Tak86b, Tak94, TT22, TMK+02, TM05a, TMV+01, TSI13, TK07, TL12a, TL12b, Ukk10, VSM87, WVR11, Via02, VG01, VRD01, Vis91, Vis99, Vol12, VS01, VB98, WAH23, WCM+94b, WS97, WSW16, Wat96, WKA04, WDD99, WB83, WM92b, WSV12, Xio3, YP13, YK11, YD18, YGG+23, ZZ12, ZZZH17, Zha91, Zsd018, ZLN11, ZT89, Zue96, ADR03, ADR06, AK08, AK09a, Akl78, Alb89, ASG99, AYCL302, ALV92, ALL98b, AL01, ABC+04, AK06, ALL07, ABH+14, Ame01, Ame92, Apo92, Apo93a, AH7, ACP05, AP90, ADL01, AG06, BKLE18, BYR93a, BYR93b, BYCC03, Bak93, BDB90, BEM+13, Bar22, BA15, BA16, BCD14, BPPR20, Bir77a, BGJ89, BO13, BGWXP22, BYK22, Bra95, BHHK41, BKS02, BDM19, CGK08, CPT92, CPW88, CF88, CGM10]. patterns [Cha93a, Cha95a, CKP+21, Cha87, Cha02c, CRV06, CR95a, CLS95, CFCK22, CFKT17, CNNS15, CNS18, CS11a, CWZ10, CJP13, CDP16a, CA18, CD18, CA20, Col90, CCG+93, CH97b, CT96, CD89, CGR93, CG94b, CR94, CCG+99, CKC07, DS04, DA18, DGG+19, DGM19, DJ76, Di1xx, Dow91, Dom93, DGM90, ESDK14, ETV21, FLM+10, FWW13a, FWW13b, FWW13c, FL+19, FC98, FH18, Fen01b, FBMA05, FR97b, Gaa04, GP92, GU9, GR99, GU16, GS00, GGF13, GGT13, GPN96, GJS20, GZ10a, GS06,
HIEH22, HWW07, HC87, HM96, HBRV10, HP01, HP03, HK77, How96, HLN09, IIT13a, Iba97, IHEH23, Ier09, Ind97, IM13, ISHY88, JGMP22, Jan23, JM93, JP07, KTP10, KSJ15, KS07, Kas08a, Kas08b, Kas08c, KTS+08, KMS+03, KCK93, Kin99, KKNS23, KS11a, Kin89, KS05, KMP94.

pattern [KD15, Kos89, Kos94, KM13, Kri09, KGP+13, LLA03, LH13a, LH03, LS10, LS09, LP08, Liu81, LBK08, LO94, MCF+11, MCF+14, MK90, Man76, MMZ10, Mar07, MAI+16, MP05, MHH+01, MR09a, MR13, MA12, MPW21, Mun95, NYuR15, NNSP22, Nav00, Nav01b, NR02, NWE99, NdMM02a, NR17, NK07, Nil90, OK94, OR11, Oph89, OSSM00, SLL21, Sii77, Smi91a, SDS14, SGCW14, SHCY93, Spe85a, Spe85b, Spe99a, Sri93, Sto02, SALP20, SM07, TZHY14, THQ19, TM04, TM05b, Tej93, TIT83, IIT13b, TLS16, TJMC20, Val09, Van06, VW11, Via04, Vin77a, Vin77b, Vis90, Wad87, WC+94a, WGMH13, WC14, WL15b].

pattern [WZ96, WW03, Wat03, Wei94, Yao79, YCJK08, ZCS99, ZMAB03, ZA17, ZCO09, ZCÖ12, dRL95, JD89, YIAS89, An09a]. 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, NWE07, Ned05, Odt03, SCFC94, Sch95, SSSS10, SW09, WM92b, CL96, GMC02, KN00, CF88, Dijxx, Fri97b, Gaa04, Ier09, KSVJ15, LH13a, Nav01b, NWE99, NdMM02a, OR11, Per94, Sch88b, Wei94].

Pattern-Recognition [AWS16]. Patterns [BLR14, BHS95, BGS23, CLP98, CMNP17, CMNP18, Gmp73, HNB+13, IS94, JGZL12, Kha16, Les79, LSWP19, Pri17, SB09, TMV+01, ADT15, Alb89, AG06, BLR11, BH13, BSM+07, BFS04, Bro77, CP10, Dan91, ETV88, IS96, JSH09, KPA10, KHI15, KRLM09, LMM17, MR09a, NdMM02a, Tak93, Ver92, Vou06, Wal89, ZKCY07, ZL14]. payload [NNSP22]. PCRE [An09a]. Pearl [KN12, ADU16, DA20, FH10, JR15a]. Pearls [Ben86, Ben00, Bir10].


RT17, BBHK14, BCT93, Bre95, BFK⁺03, DK13]. **Prefix-Free**
[Han13a, HWW07]. **Prefix-Matching** [BCT94, BCT98, BCT93, Bre95].

**Preliminary** [GS81b, LS94, WCM⁺94b, Kos94, WCM⁺94a]. **Preprocessing**
[Nao91, ZCH23, CCG⁺93, Ryt80, Sto02, Tak96b]. **Presence** [HT14].

**presented** [ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, NEH90]. **Preserving** [SJNS19, XZL⁺19, CFT17, CNPS15, DGM19, GU16, KF⁺14, KKNS23, QPH08]. **Press** [Ano97b].

**Preprocessing** [Nao91, ZCH23, CCG⁺93, Ryt80, Sto02, Tak96b]. **Presence** [HT14].

**presented** [ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, NEH90]. **Preserving** [SJNS19, XZL⁺19, CFT17, CNPS15, DGM19, GU16, KF⁺14, KKNS23, QPH08]. **Press** [Ano97b].

**Preprocessing** [Nao91, ZCH23, CCG⁺93, Ryt80, Sto02, Tak96b]. **Presence** [HT14].

**presented** [ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, NEH90]. **Preserving** [SJNS19, XZL⁺19, CFT17, CNPS15, DGM19, GU16, KF⁺14, KKNS23, QPH08]. **Press** [Ano97b].

**Preprocessing** [Nao91, ZCH23, CCG⁺93, Ryt80, Sto02, Tak96b]. **Presence** [HT14].

**presented** [ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, NEH90]. **Preserving** [SJNS19, XZL⁺19, CFT17, CNPS15, DGM19, GU16, KF⁺14, KKNS23, QPH08]. **Press** [Ano97b].

**Preprocessing** [Nao91, ZCH23, CCG⁺93, Ryt80, Sto02, Tak96b]. **Presence** [HT14].

**presented** [ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, ACM95a, NEH90]. **Preserving** [SJNS19, XZL⁺19, CFT17, CNPS15, DGM19, GU16, KF⁺14, KKNS23, QPH08]. **Press** [Ano97b].


Quebec [ACM94d]. Queries [AKT20, BYCMW94, BLLW12, CDLV99, CDLV02, FLS98, HJ99, Kin92, Sch22, WWW+16, ADT15, Arn93a, Arn93b, BBG13, CJR+21, CK02b, FWW12, FLC+19, IKX15, KC15, LMRT14, MRA+17, SVM14, ZXL+13, ZCÖZ12]. Query [AAB+17, FLS98, KM94, LLS+20, AYCLS02, AL08, BLSS03, BFS00, CDL08, CMW87, FDDL15, HRN+15, KNT15, KSH+15, LRV13, MZZ10, PC02, QWX+13, RM06, XQW+13, ZCÖ09]. query- [FWDL15]. Querying [AGP18, BLR11, BLR14, CMNP17, KTY+18, LM01b, LMV16, San15, TV14, CM95, GW92, LLS12]. Question [KKSLO1, AFI98, CKC07]. Question-Answering [KKSL01]. queues [SWZ01]. Quick [Rob99a, Rob99b]. Quicksan [Sil77]. QuikFind [Cha91]. quirky [MLM+08]. Quoted [PSK17]. Quotient [FPP08]. QVT [LLS12].

R [Hoc19, KW19, Liu14, Ram94, Val09, van14a, van14b, Lab12a, Lab12b].

R-Trie [KW19]. Rabin [GBY90a, GBY90b]. RAID [WOQ+07]. Ramsey [Kun95]. Random [Ale94, NR21, RKH02, SD95, CADA18, CRV06, Jan23, Ron21, SN94, Yao79].

Randomized [AJS92, ACD01, BST+03, CGG+97, KR81a, KR81b, KR87, TWZ23, AGW13, CH97b, II86]. 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 [BvdM23, MCP17, ORT09]. CCR02, CCR03. re-examined [ORT09].

Re-examining [BvdM23]. RE-Tree [CCR02, CCR03]. Re-Vectorization [MCP17]. re2 [Cox10b]. reachability [FWW12, GZ10b].


Rebus [Gri85]. Recalibration [BM08]. recipes [B+05, Goo05].

Recognition [ACR01, AWS16, BGJ01, CFP19, CG87, CJ93, CTF+98, CLP95, D+23, Gal76b, GS93a, CVP86, LT90b, PDL98, PG90, SA96, WD99, Wol86, Yam01, AAB+86, BWG12, Gal75, Gal76a, KSWC93, KMK+06, KKM+13, Kin89, Sel84, SKS96, ZC89]. recognizable [HY92]. Recognized [RJK79]. recognizers [Fos89]. Recognizing [Ray96]. Recombinant
Recompression [Jez15]. Recomputing [HPM94]. Reconciling [IM13]. Reconfigurable
[BM00, MLC08, NNSP22, ZL18, CMS08, Ram94, WKR09]. Reconstructing [Wei83].
Reconstruction [Sha93, Sto96, NCV10]. Recode [Wei84, ACM69, ACM74, ACM76, ACM92a, ACM93a, ACM94a, ACM95a].
Rectilinear [GK86]. Recursive [FR00, FK77, JD89, Dow93, GPR95b, Han90, Kra08, NTS93].
Reduce [CKW09, SASU13, Har79, Kesi79]. Reduced [TJD+17].
Reductibility [KR95]. Reduction [KNM90, She59, DWE89, RP95].
Reexamined [ORT08]. Refactoring [WGMH13]. refactorization [R´em17].
Reference [Rob99a, Rob99b, Sch14, BK90, FP08, GL03, Mh05, SSL121, Stu03, Stu07, ZZJC20].
References [AS91, Bar90, FS19, WL15a]. referencing [Lar98].
Refined [Pet94, Sch88b]. Refinement [ASJDW21, ASJDW18, Mor90].
reflection [HS08, Mor02]. Reflective [Dwe00]. refunctionalization
[RT015]. Regenerate [RT18]. Regex [Ano10, BD16T14, CFHL†22, Kuk17, MNR+23, RVV23, Sch13, THL†20, CS09, Sch12, BTTF02].
Regex-based [BD16T14]. Regex-dependent [CFHL†22]. regexes [MM114].
RegeXeX [BH07]. Regexpcount [Nic03]. Region [Bao93]. regions [CM95].
Register [VSM87]. REGISTOR [PYY19]. Registration [DMWW77]. Regular
[ARM†19, AM91, ADR15, Ano68, Anoxx, Anoxx, Ant95, ACT10, Asp12, Bac94, BLR14, BTG83, BDD†14, BR20, BC13b, Ber00, BGNV10, Bra94, BC94, BFG04, BMR19, BTC06, BK93b, BK92d, BK93f, Brz62, BP63, Brz64b, Brz65, CDLV99, CDL02, Cam99, CS03, CZ01, Cha01, Cha02a, CLOZ04, COZ09, CJM12, CDJM15, CGR02, CJBW16, CH1992, CC97, CKW09, CGS17, CDC†23, CDL95, CDL99, CDPP23, Cox07, Cox09, Cox10a, Cox12, CS22, Dav99, Dav03, Dav04, Dav21, Dav22, DM11, EJ23, EU98, FRU†20, FLS98, 1U82, Fri02, FC04, GJ16, GR399, GGM12, GN12, Ghi62, Gib21, GS22, Gil70, Gin67, Gol93, Goo05, GL12, GH13, GH15, HHM†13, Hab04, HM98, Ham88, HWW06, Han13a, Han13b, HWJ03, HN11, HJ99]. Regular
[Hir96, Hol84, HK11, Hos06, HVP00, HP01, HP03, HVP05, HN00, HSW97, HSW01, Hum97a, Hum97b, Hum99, IY02a, IY02b, JKL†20, KT06, Kap69, KTVU87, Kea91a, KP99b, KP99c, Kin92, KM92, KM95a, CL16, KM16, KR20, KN12, KV15, KZ02, KST12, LS99, LS06, Lar98, LKM23, Lee99, LHZH08, LM01b, LTV15, LT16, LN19, LT09, Loh10, Mad01, M98, Mag81, MNS10, MY60, MPN†14, MSZ17, MR09b, MPdS12, MGF97, Mye92, MCO98, NCJF18, NR99a, NR01, Nav01c, Nav04a, NR04, NR21, NH11, NM10, OS11, OWP16, Org03, OF16, ORT08, ORT09, Pak91, PM78, PPA10, Pat71, Pet02, Pra97, Pre99, Ray96, Rez92, RD17, Ric79, Sab76, SA96, Sca11, Sch22, Sch99, SD95, SS93a, Son99, Spe85a, Spe85b, SM99, Stu03, Stu07, SBS14, SL14, SL17].
Regular [TV14, TB00, Uma97, Urb23, VCS†12, VHC88, Wag74, WPKL13, Wat96, Wen93, WMM95, WZU14, XK92, XLC19, Yaman01, YPG21, YP12, YQW†16, ZGS†15, ZMLW20, ZH23, Zia96, dLFM07, vNG01, AFI98,
RHR$^+$21, SRV$^+$19, VWR11, WGL$^+$21, YP13, ZLN11, AB09, BGFK15a, BGFK15b, KTP10, PIR17, TLLL09, VW11, WL15b. Scale [LP13, LYWL08, TZYH14, WHZ$^+$17, ZWH$^+$21]. Scaled [BEL04]. Scaling [HW12, MS01, YDBB15, AYL92, HLN09, KKN23]. Scan [MIH17, Gre88]. scanner [Hur84, ISHY88]. Scanners [HKR92]. Scanning [AKW85, PW$^+$11, CWZ10, HFL$^+$08]. SCCs [ZYQ$^+$15]. Scenes [BZ98, BSM$^+$07]. scheduling [LMMN07, Mid98]. schema [HK08, MNS07, dLFM07]. Schemas [BGNV10, MNS10, KS07]. Scheme [Bur84, FK16, JDXD13, Man94, Man97, Bur82, Kod79, KL87, LH13a]. Schemes [KK08, Pel87, QWX$^+$13]. School [Cro92a, Ano92b]. Science [ACM89, FJ92, Gus97, IEE89, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE09, Ker04, Win78]. Scientific [WCM$^+$94b, ORPF13, WCM$^+$94a, WZS95]. Scolopax [ORPF13]. Score [Ben94]. Scores [CLST$^+$13]. Scoring [KK08, OSSK16]. Scotland [AOV$^+$99]. Scottsdale [KLB12]. Scratchpad [JT94]. screening [QPWH08]. Scrimshaw [Arn93a, Arn93b]. Scripting [Fri97b, RB05, BF$^+$09, BH13, Bht08, FlhDAF09, Han01, L$^+$S99]. scsh [Sar02]. SDN [AV23]. SDN-Based [AV23]. Search [AC75, HR02, BKYZ$^+$92, Ber00, BK93g, Cal00, Cha91, EF13, FG98, FL99, GN19, GG97, KR94, Lut02, Man86, MM96, NR99a, NR01, Pol01, Rob88, Smi91b, SED14, SOR16, SJSN19, SB09, Sun90a, Sun90b, Tay97, WWW$^+$16, WT89, YDBB15, Zha07, ZGS$^+$15, AB09, AVN22, Bar84b, BC13a, BPMA02, BC06, FG95b, FG95a, FG99, Git96, GHK14, HHI16, JRV96, KW05, KJS17, KM84, LGZ$^+$14, MRR$^+$18, MKSiA98, NR02, OSSK16, QQ$^+$13a, QQ$^+$13b, QLY07, Rai99, SCF$^+$17, TYNM86, Tan14, Tho68, WDG$^+$14, WT88, YHV$^+$15, ZBST14, dKM04, Cox12]. Search-Space [ZGS$^+$15]. Searches [DNM00, GN01, MM93, MT14, Nel96, Shi96, Fen01a, KS08, KB09, MW92b, Men89, SMS15, WR15]. Searching [BY89, BK93a, BPMA02, BS97, BM77, Bur11, CFG12, CG97, CCL87, CR95c, Dav82, Dav73, EF95, Gon83, HL94, Hor80, HS90, HS91, Ldn80, LD98, Man94, Man97, MNS84, Nav01c, NR03, Nav04a, NR04, PWW$^+$11, PW12, Rai92, Reg92, Roo99, Ros95, Smi94, Ste94, TT82, VSP08, ZMSD93, AG86, Apo93b, AEMS14, Ayc15, BYG92, BYG96, BD80, Bar84a, CD96, CEMW91, FGG$^+$08, GO80, HKN14, Han93, IA80, KIH15, Mha05, Mus03, Mus05, Owo93, Per94, Ryt80, SNZBY00, WL15a, WM92a]. Seattle [ACM74, ACM98]. Sebastopol [Ano97a]. Second [ACM83, ACM90, Ano12, ACM90b, Dow91, TPT13]. second-order [Dow91, TPT13]. secondary [BA15, MP05, AVN22]. Sections [DCM15]. Secure [BEM$^+$12, BEM$^+$13, EF13, HT14, SBB19, SJSN19, DA18, SCF$^+$17]. Security [HL10, LN19, MW94, PP06, Rei03, SALP20]. sed [Dow91, Bar90]. seed [CCI$^+$13]. Seeded [LPR$^+$08]. Seeds [Zha07, FCLST07]. SEFT [dKM04]. segmentation [IIK08]. Segments [EIV04]. Seiki [SM04]. Selected [Cro92a, Moo64, BW91]. Selection [Bon07, CMR18, Gle90, LH13b]. Selections [CvW18]. selectivity [JKNS00, STKD20, TP07a, TP07b]. Self [CG87, TJGY22, AGH$^+$17, CADA18, JP11]. Self-attention-driven
Self-O rganizing [CG87]. self-service [CADA18]. Se LINQ [SHS14].
Semantic [Gan89b, Har97, II08, Coo86, IIK08, MP09, OA17, SG12, AGP18].
Semantica [Har97]. semiantically [ELF22]. Semantics
[Dan91, Gud92, MNR+23, Pag78, PAG09, BvdM17, Chl08, Mal93, San15].
Semantics-directed [Dan91]. Semi
[KV15, LYT+23, TMK+02, BGHZ15, Rob79]. Semi-Extended [KV15].
Self-Organized [CG87]. self-service [CADA18]. Se LINQ [SHS14].
self-service [CADA18]. Se LINQ [SHS14].
Semantic [Gan89b, Har97, II08, Coo86, IIK08, MP09, OA17, SG12, AGP18].
Semantica [Har97]. semiantically [ELF22]. Semantics
[Dan91, Gud92, MNR+23, Pag78, PAG09, BvdM17, Chl08, 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 [BFS00]. Semi-Supervised [LYT+23].
Sensemaking [LLS+20]. Sensitive [CK02a, SA96, TPT13].
Sensor [NCV10]. Sensors [BWG12].
Sentiment [THQ19]. Separated [Pol13].
Separating [LMM17]. Separation [Kul11]. September
[AAC+01, AOV+99, Len93, MG94, Win78]. Seq [SNB+19]. Sequence
[BLP94, BGM19, BDFW94, Bra90, CCL87, GM02, KPP19, KS99, KKO8, LPT12, MGW14, RND97, CLT07, ECSS88, ETY21, GO12, HA102, MBY91, NT20, SVS97]. sequenced [GW92]. Sequences
[BLP18, BEL17, CVW18, Gus97, Hua94, IMR08, LTH+17, MT14, NEL17, DKP11, GGN06, HIEH22, IHEH23, KB22, KR14, LVN87, MZZ10, NR02, Nil90, RLP20, SLO84, SN94, Sid95, Sid00, Sid02, ZKCY07, Lut02].
Sequencing [RM06, WGL+21, FSL+15, KRML09]. sequentiability
[Ga04]. Sequential
[BP63, Brz64a, Brz65, Dur94, GRSS99, GPR95a, Liu14, Man86, Mob94, MR13, Moo64, OFE1, PM78, RS98, Wei83, Zve80, JMM10, TTO+22].
SEQUITUR [MHI+01]. Serial [WSVS22, GS93h, GS93c, LVS96, LV89].
Series [LKL02, MR09b]. Series-Parallel [MR09b]. Server [SGL17, SWZ01].
Server-Side [SGL17]. service [CADA18, FM23, ZB14]. Services
[KPP19]. SeSG [AVN22]. Set [HL10, Hig86, Hui92, KF91, CGK08, CP10, KR97, THL+20, WC14, dRL95, TJ+17]. SETh [EMT21]. Sets
[AGM19, BNV+13, EVI04, Pol13, Prü17, Via02, AK09a, Alb89, CS98, Che96, Cho78, Kin91, LMM17, Mat94, Rot91, Sta89, TZYH14]. Setup [SOR16].
Seventeenth [ACM89]. Seventh [LLO8, ACM95c, AAC+01]. SGML
[BK93b, BKW92d, BK93c, BK93d, BK93e, MG93, MG97]. SHA [KLS17].
SHA-1 [KLS17]. shading [BAY+07]. Shallow [Cam99]. Shankar [Pux97].
Shape [BZ98, CTF+98, YJS8, DOS93]. Shapes
[H93a, C796, H93b, H93c]. Shared [TVCM12, VRD01, SW93].
Shared-Forest [VRD01]. sheaf [Sri93]. sheaf-theoretic [Sri93]. shelf
[MNS07]. Shell [IEE01e, IEE01f, RB05, Blu08, Wes97]. Shells
[Qui02, Qui00]. Shift [FEO3, IMP01, KTS199, CT06, Per94]. Shift-And
[KTS199]. Shift-or [FEO3, Per94]. shifting [WOQ+07]. Short
[Ayc15, BLPL92, Han13b, KRS95, KRS97, MR09b, XPZ+23, BGFK15a, BGFK15b, Che96, FSL+15]. short-read [FSL+15]. Shorter
[GH13, HW07, ZH10]. Shortest [AKT20, Al94, ATX21, Mid98, TY97, GHST17, HTX17, ITX15, TU88, Yam19]. Shotgun [KS99]. shuffle
[Jan85, Jed97, ST19]. SIAM [ACM97b]. Side [GSL17, Hum99]. Sided
[BJK+12]. **Soft** [CKC07, How97, How96]. **Software** [Bee81, CS18, FO76, IEE94a, IEE95b, KP99c, KPA10, Lut02, MG94, PAMP12, Cox19, Gre88, Joh01, Jon13, KOI94, MP88, PA10, San09, Spe85a, Spe85b, Bol02]. **Solaris** [Rob99a, Rob99b]. **Solution** [Hea71, B+05, BLPL92, Goo05, Sch81, YCJK08]. **Solutions** [Gou02, Sto96, BBHK14, DL03, Sta89, BGG+12]. **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]. **Sortledton** [FMG22, FMG23]. **Sound** [PM23]. **Source** [AWD+18, Bol02, EZYA23, MFMA17, SED14, AG06, Joh94b]. **Source-Level** [MFMA17]. **sources** [ST96a]. **Sourcing** [CDL+15]. **South** [AMC93a]. **Space** [BC13b, Ben94, CF06, CZ01, Cha94, CF85, CDEK95, CJPS13, CR95c, CGPR95, GS80, GHST17, GPR95a, GP01, GMW14, MSS+19, TMV+01, SHvR+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 [NYuR15, RP95]. **Speech** [JLH18, Kul11, PG90, RJK79, AAB+86]. **Speed** BYHT18, FL12b, JGZL12, LK90, PW12, VCS+12, ZL18, Git96, KM84, LK88, PLT14, TLLL07, XMLC11, ZYY+12. **Speeding** [CCG+94, Deo06, SKF+00, ACF05]. spelling [AB89, BSY00, TIAY90]. spelling-correction [BSY00]. SPIRIT [GRS99]. **Split** [KKK11, TBS06]. Splitting [RTTO2b]. Sprachen [HU92]. **Spreadsheet** [GHS12, SG16]. **spreadsheets** [BGHZ15]. Spring [Ano87]. **Springer** [Neu10]. Springs [Kap92]. **SQL** [AV23, BJK+12, FPDO8]. **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, IEE01b, IEE01h, IEE01f, IEE01d, XLC19,
Star-free [tC09].

starting [Mid98].

State [Bow87, BDM19, CZOdI17, CM58, Gol93, Han13b, JA17, KHL16, MY60, NRS18, Sut21, WDG+14, Yun12, vNG01, Ga`a04, HW07, Hur84, JAXA20, MMS14, VHL+12, Yod91]. State-of-the-art [WDG+14]. Stateful [VKP17].

Statements [JP73]. States [DBGH93, LK06]. Static [CJ93, MM02, AVNN22, AG86, HBRV10, MM03, MLM+08, PSK08, PCS99, IA94]. Strategy [Bon07, EMC96, AEH94, LLL13]. Stream [PP06, Nil90]. 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 [Fre06, Fre78, Gal76b, Gal79, GS80, Gal81, GP90, G91, CGG+97, C98, C99, C10, CL92, Cha93b, CM94, CL94, C97, CL06, CL98, CN02, CTF+98, CHL14, CH04, Chu95, CW84, Col94a, CHPZ95, CH97a, CH02, CP91, Cro92b, C94, CR95c, CGG+97, C98, 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, G91, CGG92, Ga95, GPR95a, GHV05, GZ94, Gon02, GFG11, GV05, GMNN12, GH82, HD80, HL94, HH93a, Hooa77, Hui92, HS90, HS91, HNO2, HNO5, IMP01, IK83, JL96, JFL14, JU96, Kha16, KST94, KKK11, KSS11b, KS12b, KTY+18, KMM15, LSW08, LP13, Le 91, Lec95, Lec98, Les94, LY86, LLL08, LLLC17, LD10, Liu86, Liu88, LB98, LCL06, LLW+15, LS94, Man75, MM93, Mel95, Mey85, MM02, MIH17, Moh97, MNS84, ML96a, ML96b, Mun07, MM96, MR92, Mut97, Mye98, Nao91, NR98, NBY99b, Nav21b, Nav21a, Nel96, NR15, NEL17, OM88, PAMP12, PLL08, PWW+11, PW12, PK95, PP94, Pet07,
Phi94, Rai92, Rao94, RTT02a, RTT02b, Reg92, RKH02, RPE81, Ros95, RFD23, 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, TLC15, TVCM12, UW93, VMM15, VSP08, WT89, Wri94, YP13, YDW18, ZS17, ZS13, ZGS+15, ZMVL20, de 82, van14a, van14b, Aku95, ASM17, ACF05, AVN22, ALP04, AAK+09, AEK+11, Aoe89, AG86, AEMS14, AGW13, AyC15, BFKL13, BYF96, BFP96, BD80, BS00, Bak78, Bar84a, BR09, BKBB+14, BLP92, BFG09, BFP+08, BG09, BG91b, BCT93, Bre94b, Bre95, Bre96, BGM13, Bur82, BEL04, CADA19, CCF13, CL90, Cha93a, CDDMO5, CW13, CW18a, CW18b, CN21, CFLH+22, CR87, CH92, CGG90, CD96, CM07, CGR99, Dai09, DR06, Dec06, Der95, DC94, DNR06, DHPT10, EMT23, FCLST07, FL13, FS22, Fen01a, FG95a, FMD99, FG99]. String
[FGG+08, FBMA05, Fre03, FN04, FM06, Ga75, Gal76a, GS81a, GS81b, GS83, Gal84, GG86, GG87, Gal92, GPR95b, GGL94, Git96, GBY90a, GBY90b, GF08, GL89, GV00, GO80, GHK14, Han93, HY92, HS05, HR03, HH93b, HH93c, HOK18a, HOK18b, HM00, HLS+11, HK77, HHL06, HNF05, Hey08, IP96, IMS97, Ind98, IS90, IA80, JLI9, Joh95, JU91, KB22, KST92, Kim99, KWL07, KC21, KNT11, KS96, KST16, KPA10, LV86a, LV86b, LV87, LV88, LV89, Lar99, LeC07, Liu81, LHC04, LT97, LLL13, Mac90, MNU05, MBY91, ME97, Men89, Mju05, MM03, MM07, MS03, MS95, Mus03, Mye99, Nak14, NHI+20, NBP99, NRO0, NK+01, Nav01a, NF04, NT05, NC06, NeB06, NC92, PLL10, PA10, RUG97, Ryt80, RLP20, Sad93, SY23, STK06]. String
[Sal12, SW90, SZ05, SMS15, ST96a, STK20, SG12, SR16, Spi99a, SV87, TYN86, Tak96b, TB06, THG17, Ukk92, Uk99, VLP17, Vin77a, Vin77b, WDG+14, WL15a, WL14, WT88, XMLC11, Yoa79, YT03, ZZJC20, dB93]. String-Based [EZA23]. String-Manipulating
[VMM15]. String-Matching [BG14, CGG+94, GS80, Gal95, JL96, Kha16, Les94, LY86, Moh97, Mut97, SL17, SL83, CH04, Cro92b, BR09, CCF13, CW13, CR87, CGR99, DR06, Ga75, Ga76a, GS81a, Ga92, GPR95b, HY92, HR03, JL93, KST92, LHCK04, PLL10, TB06, Ukk92, Uk99, dB93]. String-pattern [Kim99]. string-searching [Mha05, 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, GNV94, GL01, Gus97, HUN+19, HT17, Hor80, Huc21, ISNH94, KRS95, KRS97, KAN+17, KMP77, LT03, Lot02, Sh96, SW09, Ver92, YQW+16, Zha17, ADR03, ADR06, BLSS03, BFK+03, BC95, CD98, CR91, DGG+19, EH88, ETV88, FT95, G012, JRV96, JAN23, KGA+12, KMP94, KR97, LMM17, LS10, LMS21, MC104, MEI15, NR02]. Strong [BMMR19, GGM12, LS06, MCF+14, WD99, AW89]. Strongly
[Dur94]. Strother [Tal81]. Structural
[BGJ01, KWLL08, Shi00, Shi04, BFS00]. Structure
[CGR02, FMG23, Gia93, Les95, Pol13, SL18, TMV+01, AP90, CRG03, CD96,
Structured [BLLW12, CMNP17, KM94, KS99, BGHZ15, Faa88, TMK+02]. Structures [Cha01, Cha02a, FBYY92, GHLW15, GG97, Gor00, GK+10, LSW08, Lar99, Lec98, Les79, ABH+14, BA15, GMC02, 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, PSK08, Pep91, SKS96]. studying [MGH93]. Sturmian [BR09]. Style [Cop91, BGWXP22, WW03]. subtype [ETV21, FG95b, Gra15, HKN14, HTX17, IKX15, JKNS00, Maa06, MAI+16, MKSiA98, Rai99, Rou21, Sto02, TTO+22, Yam19].

substring-preprocessing [Sto02]. Substrings [ATX21, Cob94, Fra20, Boo80, FGKU15, GHST17, LO94]. subtext [BD80]. subtree [Gro91a, Gro91b, Max89]. Subtype [WZJH12]. subtypes [JM93]. succinctness [Gel10, GN12]. sufficient [KT90, MR09a]. Suffix [OAK02, ABM08, DNMO0, FL12a, GV05, GLS92, Kid09, LSW08, MM93, McMcC06, NR98, Ne06, Neu10, OR12, Shi96, Shi00, Shi04, UW93, ACFC+16, BH96, DK13, FCFM00, FS22, GV00, HHLS06, Kos94, NR00, TTHP05, Ukk93]. Suffix-Tree [DNM00]. suffixes [BGK+16]. Suitable [CCL87]. Summary [GH15]. Sums [BM00]. Super [MP09]. Sup-interpretations [MP09]. Super [Frem02, KM95b, Frem03]. Super-Alphabets [Frem02, Frem03]. Super-Pattern [KM95b]. Supercomputers [RND97]. Supercomputing [IEE88]. superimposed [Ind97]. Superiority [Zha07]. superoptimizers [BA06]. superprimitivity [Bre94b]. Supersequences [IF94]. Superstrings [Ale94, TY97, Che96, Mid98, TU88]. Supervised [LYT+23]. supervision [VR18]. supplement [Ruc15]. Support [GSL17, CL09, GZ10a, Kau92, KAT07, Rob92, ZBST14]. Supporting [SOR16, CMW87]. supports [Nil00, WR15]. surface [TCCK90]. Survey [AKT20, BYNTK21, Brz62, Kni89, HIEH22, LH13b]. Surveyor [Fra83, GHF83a, GHF83b, WNL+83]. Surviving [Cox19]. SVR4 [Rob99a, Rob99b]. Swap [AEP06]. Swaps
Switching [Hoa77]. symbol [Rai99]. Symbolic
[ACM94b, Bro93, Cha86, GVD15, Har79, Lev95, Ng79, VHL+12, WN90, Fat15, Nic03, NA90, Ng79, NEH90]. Symmetric [Gil70, SS93a].

Symmetries [Hig86]. symmetry [Mar89].

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, Zel08].

Synthesis [BDD+14, CDL+15, BK86, Lei81, SW12, WKROF, ZLI14]. synthesized [Kod79].

Symsac [Cha86].

Synchronization [JM90]. Synchronized [PIT+03, XH23]. synchronous [Pie95].

Synchronization [JM90]. Synchronized [PIT+03, XH23]. synchronous [Pie95].

Synonyms [LLW+15]. Syntactic [KKSL01, TB00, Wol86]. Syntax [BLS+94, XLC19, AG06, Chl08, Pie08, ZGE85, Zel08].

Symsac [Cha86].

Synchronization [JM90]. Synchronized [PIT+03, XH23]. synchronous [Pie95].

Synchronization [JM90]. Synchronized [PIT+03, XH23]. synchronous [Pie95].
technologies [OKT92]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17]. Technology [IEE01a, IEE01c, IEE01b, IEE01h, IEE01f, IEE01d, THG17].
CR95c, CGPR95, CGG+97, CGH+98, FG98, Gal79, Gal81, GS81b, GS83, Gal95, GP01, GP03, HH98, ISNH94, KU99, LKL02, Man75, MHT09, PRU11, SL178, SL183, Sto96, VSP08, WBA83, BYR92, BG90, BGM13, CL90, CNS18, CH97b, CD96, CRG99, EH88, EMT23, FLM+10, FG95a, Gal75, Gal76a, GS81a, Gal92, GHST17, GPR95b, GF08, GFG11, GMS12, HKN14, IKX15, IF96, Kos94, KRL87, KKR+13, Liu81, NNSP22, RP95, Rep98, TJD+17, TSI13. Time- [BC13b]. time-efficient [TJD+17]. time-optimal [IKX15].
time-sliced [KRL87]. Time-Space [CR95c, GPR95b].
Time-space-optimal [GS81b, GS83]. Time/Space [GP01, GP03].
Timed [ACM02, NCJF18, WAH23]. times [Mid98].
timing [AGH+17]. Timothy [Neu10].
title [Lia84]. titles [LGZ+14].
TIA [Lut02, Lut02]. TLA [Lut02, Lut02].
TLex [Kea91b]. TM [BGFK15a, BGFK15b]. token [WLF14].
Tokenization [Kul11, Sca11, Rep98].
Tokyo [IEE94a, WN90].
tolerant [BG91a, WLF14, XQW+13].
Tool [MFMA15, MFMA17, Pol01, Slv14, WM92b, dLBHC22, All89, Ier09, KOI94, Nav01b, NT05, SCF+17].
Toolkit [Liu81, NNSP22, RP95, Rep98, TJD+17].
Top [GN19, QQC+13a, QQC+13b, Sca11, CLZ+15, FWW13a, FWW13b, OSM94a, OSM94b, OSM94c]. Top-
[GN19, QQC+13a, QQC+13b, CLZ+15, FWW13a, FWW13b].
Top-Performance [Sca11]. Topological [D’A98, Fu97, KKM+13].
Topologies [VG01, NCV10]. Topology [ZJL14, MCF+11, MCF+14].
Topology-constrained [ZJL14, tour [Nav01a], toys [II09, MI07], tr [Bar90].
tracing [ATdM07]. Traces [NCJF18]. Track [HUN+19, LT03].
Tracking [CZW15, Joh94a, SHS14]. Tractability [Sur21].
Trajectories [GVD15, KTY+18]. transaction [Lus94]. transactional [FMG22].
Transducers [BR20, Cro86, KMRY20, Moh94, CFLH+22, EHS07, Gaao4, GHR+16, VHL+12].
Translating [KR14].
Transform [ABM08, Neu10, DGG+19, TZYH14, ZMAB03].
Transformation [BCC+13, Gro92, Kha16, MFMA17, AK08, EHS07, Fil21, GT90, KH06, Sid95, Sid99, Sid00].
Transformational [PV91, PS90].
Transformations [ASJDW21, ADR15, DW17, DN77, JM90, KC87, Rob88, SdM01, AK09a, ASJDW18, Arn93a, Arn93b, ETV88, Ryt89, SG12, dLFM07].
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]. transputer [CEMW91]. traversal [NRO12]. traversal-based [NRO12].
Traversals [Sto96]. TRE [Ano13].
Tree [AGT89, AM91, AYCLS02, Cha02b, Cha02c, CHZ06, CH97b, CH03, CMNP17, CMNP18, DNMO0, DGM94, FV16, GHLW15, GL19, JWZ94].
Kid09, KM94, KLH16, LPR^+08, MS98, McC76, MSZ17, MOSZ18, RR90, Shi00, Shi04, Sto96, BDB90, BTG83, CGR03, CLZ^+15, Cha87, CLS95, DF00, DGM90, EHS07, FCFM00, Far92a, Far92b, FG99, KS11a, Kos89, Mal93, SGY00, SSLL21, TJMC20, Vou06, CGR02. **Tree-Like** [GHLW15].

**tree-manipulation** [Mal93]. **Tree-Structured** [CMNP17, KM94].

**tree-walking** [EHS07]. **Trees** [BYCMW94, BCP02, FK16, GHLW15, Gol93, Gro92, GV05, Gus97, HO82, JZ94, Nel96, RR92, SCF94, Sim83, ACFC^+16, CPT92, Gro91a, Gro91b, GV00, JRV96, Kos94, Mäk89, TTHP05, TJMC20, Ukk93, Ver92]. **Trial** [LRV13, LRSV18]. **Triangles** [IEE89]. **Triangles** [GP18]. **trichotomy** [BBG13]. **Tricks** [Abb94]. **Trie** [CCH09, GO12, KW19].

**tries** [BYG96]. **Trigram** [Cox12]. **Trillion** [PSP^+18]. **Triplestores** [LRSV18]. **Truly** [GP92]. **trusted** [WXZY12]. **Tucson** [ACM97a, Apo92]. **Tumor** [WZJH12]. **Tuning** [Rai92, Smi94]. **Turing** [GOMSJVGP08]. **Turkey** [SMD04].

**Tutorial** [KP96a, Lut02, KP96b]. **Twentieth** [ACM93a]. **Twenty** [ACM06, ACM07, AAC^+01, AOV^+99, B^+02, LL08, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c]. **Twenty-Eighth** [B^+02]. **Twenty-Fifth** [ACM06, AOV^+99, ACM93b]. **twenty-fourth** [ACM92d]. **twenty-ninth** [ACM97c]. **Twenty-Sixth** [LL08, AAC^+01, ACM95c]. **Twenty-Sixth** [LL08, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c]. **Twenty-Seventh** [LL08, AAC^+01, ACM95c]. **Twenty-Seventh** [LL08, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c].

**Two** [AF92, ABF94a, ABC^+04, Ano68, ADLM96, BYN98, BR20, BKL97, BKL^+02, Bir77a, BGJ01, CDJM15, CL95, CHZ06, CHLT14, Coo72, CP91, CR92, CCR93, CCG^+94, CGPR95, CGH^+98, CIK98, FU98, FNU02, Gal76b, Gia93, HJ92, Hum88a, HW12, JSC83, JU91, KPR00, KU99, LY86, Lud77, Mid96, MPW21, Ott96, Par96, Pritu17, She59, TTHP05, TTHP05, TZ98, AK08, ABF94b, AKT06, AGM05, ADLM01, BYR93a, BYR93b, Bar84a, CK02b, CP10, CGG^+93, CR94, GP92, HY90, HLN09, KLL23, KWL07, KM13, dSOMY15, Par98, Rot91, SN94, VLP17]. **Two** [KU99]. **Two-Dimensional** [ABF94a, ADLM96, BYN98, BKL97, BKL^+02, CL95, CHLT14, CR92, CCR95, CGH^+98, CIK98, FU98, Gia93, HW12, KPR00, Par96, Pritu17, ZT98, AF92, ABC^+04, CR93, Mid96, MPW21, TTHP05, ABF94b, AKT06, AGM05, ADLM01, BYR93a, BYR93b, CR94, GP92, HY90, HLN09, KLL23, Par98]. **Two-Head** [LY86]. **Two-Level** [JSC83, KWL07, dSOMY15]. **two-patterns** [CP10]. **two-point** [Rot91]. **Two-Sided** [CDJM15]. **two-tier** [KLL23]. **Two-Way** [BR20, Coo72, CP91, She59]. **Type** [JM93, Sou99, Van06, CD18, CGPS13a, CS11b, FF08, J097, Nii90, Pie08, Ron21, ZBST14]. **type-ahead** [ZBST14]. **type-checking** [CGPS13a]. **type-theoretic** [Pie08]. **Typed** [JP11, Xi03, YGG^+23, CD18, Dow91, Tej20]. **Types** [ASJDW21, FR00, Pre99, ASJDW18, BC93, CGPS13b, GL07, GP96, GHR14, HVP00, HVP05, JGMP22, JD89, KS93, Kra08, dSOMY15, OR11, SG16, TCP16, Vou06]. **typeset** [San95]. **typing** [FhDAF09]. **Typography** [AGS93a, AGS93b, AGS93d, AGS93e, AGS93c]. **typy** [OA17].
Utilities [ASA17, IEE01c, IEE01f]. Utility [Pit98]. Utilizing [XK92, All82].


Aiello:2008:AMW

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Amir:1997:IPM


Amir:2000:PMS


Amir:2000:PMS


Auernheimer:1989:NNM


Ahmed:2009:PSP


Abbott:1977:DIY

REFERENCES

Agrawal:1993:VLD


Abbott:1994:TT


Abbott:1996:X


Afek:2016:MDE


Amir:2004:TDP

Amir:1994:AIA

Amir:1994:OTD

Amir:1996:LSF

Amit:2014:LEP

Adjeroh:2008:BWT

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