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, BSM07, BZ98, CR95b, KPR97, KD15, LT90b, SHCY93, Via02, Via04]. $29.95$ [Ano97a]. 3 [BSM07, CJ93, LT90b, TCCK90]. $65.00$ [Ano97b]. (1) [Sid99, Sid02]. 2 [Ram94]. 33 [BGFK15a, BGFK15b]. 4 [ZLN11]. m [Jan23]. U [Jan23]. c [WD99]. e^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,
2

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]. \(O(\mod T \mod 3)\) [KKM+85]. \(O(\log \log n)\) [BG90]. \(O(n^2 \log m)\) [CNS18]. \(O(n[m/w])\) [GF08]. \(O(n \log^2 n)\) [CH97b]. \(O(n \log^3 n)\) [B G 9 0]. \(O(n^d m/w)\) [GF08]. \(O(n \log 2(n))\) [HM98]. \(O(n \log 3 m)\) [CNS18]. \(O(s^2)\) [CZ01]. \(\omega\) [BdFED+20, EJ23]. \(\omega n\) [Cho78]. \(\omega T\) [BdFED+20]. \(q\) [HC14, KB22, KPA10, STK06, Sal12, ST95, ST96b, ST96c, ST04, Ukk92]. \(r\) [Pol13]. \(\rho\) [CFK07]. \(t\) [Liu14]. \(x\) [NC92].


-transformation [Sid95, Sid99, Sid00].

.NET [AS04, SM04, Stu07].

'08 [ACM08].

1 [KJS17]. 1003.1-2001


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 [BGNP94, GU95].

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

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


Adapting [CFG12, DS04, LRV13].

Adaptive [CW84, JP73, LD98, NDMM02b, SRR92, SRR95, SW09, HRN+15].

Adding [Sha88b].

Addition [PP06].

addressable [LMT16].

addressing [RJK79, Lau01].

Adjacencies [LJZZ13].

Adjeroh [Neu10].

Administration [Sar02].

Advanced [B+07].

Adversarial [TD18].

Adversaries [HL10, HT14].

Affordable [NE93].

Affine [DN77, VS01].

Algorithm [AR00, ATX21, HR02, AJS92, ACD01, BST+03, BYKZ+92, BYN96, Bar81, BC13b, Ben94, Bir10, BM77, Bra94, Bre93, BL16, CF06, CLP98, CF85, Col94a, CH02, CGH+98, DNMO0, FL12a, Gal79, GP90, Gal95, GC01, IMP01, IST05, IS86, KKR897, KST94, Kül10, KV15, KZ02, LY17, LLLC13, LIIH+17, LILC17, LD998, LJZZ13, LCL06, Mas73, MW94, MR11, MUHT96, MCC76, MOSZ18, MNS84, ML96a, ML96b, Mye92, Mye98, NBY01, Neln96, OR12, PS10, Pou93, PK85, Rai92, RKM21, RPE51, Sad96, Siki98, Smi91b, Smi94, SW09, Sum90a, Sun90b, Tak86a, Tak86b, VB12, VB98, WPKL13, Wat96, WT89, WM995, Yam01, Alb89, AR13, AGW13, BY92, BPDF92, BG39, BMM21, BG90, Bre96, BC95, Chn93a, CLS95, CW13, CDC96, CNPS15, CNS18, Col90, CR91, DAI09, DR06].

Algorithm [AR00, ATX21, HR02, AJS92, ACD01, BST+03, BYKZ+92, BYN96, Bar81, BC13b, Ben94, Bir10, BM77, Bra94, Bre93, BL16, CF06, CLP98, CF85, Col94a, CH02, CGH+98, DNMO0, FL12a, Gal79, GP90, Gal95, GC01, IMP01, IST05, IS86, KKR897, KST94, Kül10, KV15, KZ02, LY17, LLLC13, LIIH+17, LILC17, LD998, LJZZ13, LCL06, Mas73, MW94, MR11, MUHT96, MCC76, MOSZ18, MNS84, ML96a, ML96b, Mye92, Mye98, NBY01, Neln96, OR12, PS10, Pou93, PK85, Rai92, RKM21, RPE51, Sad96, Siki98, Smi91b, Smi94, SW09, Sum90a, Sun90b, Tak86a, Tak86b, VB12, VB98, WPKL13, Wat96, WT89, WM995, Yam01, Alb89, AR13, AGW13, BY92, BPDF92, BG39, BMM21, BG90, Bre96, BC95, Chn93a, CLS95, CW13, CDC96, CNPS15, CNS18, Col90, CR91, DAI09, DR06].

algorithme [Alb89].

Algorithmic [ABHH+16].

Algorithms [ACM97b, AHU74, ALR08, iA94, ADLM96, BY96a, BL94, Bak96, BS97, BH02, BM79, BCF12, CFP19, CL92, CL97, CLH14, Chu95, CH06, CLR90, CR92, CCG94, DB86, FL12b, FMMS20, FRU+20, FB92, Gal76b, GG97, CGS5, GIG77, GK86, GUS97, HUN90+19, HIG86, HSTS01, ISNH94, JU96, KPP16a, KPP16b, KTU87, KR81a, KR81b, KR87, KP99c, KHA16, KMT+01, KY9+18, Lab12a, Lab12b, LEC95, LLLC17, LT16, LS94, LT02, MR11, MP95, Med23, Mut97, Ott94, Par96, Pol13, RAR98, SV94, SN92, SCD93, Sed90, Sed92, Sim94, Ste94, Tar81a, VG01, YD95, ZZ12, de 82, ALP04, Apo93b, AG97, ADLM01, ARS16, BY96, Bak93, Bar84a, CMO+08,
CDDM05, CX20, CLT07, CWZ10, CCG+93, CT96, CR94, CL96, DC94, DV21, ECS588, 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** [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, 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, NR97, RDF23, CLT07, FSL+15, NT20]. **Alternating** [BL16]. **Alternative** [Bar81, JWZ94, AP90, Fat15]. **Alto** [IEE93, IEE98]. **always** [LMM17, LLS+20]. **Amar** [Neu10]. **AMASS** [KS99]. **Ambiguity** [MGH93, SL17]. **ambiguously** [BBM21, NDM02a]. **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, WCW82, Yan95, ZWH+21, DS94, GLS07, GBY90a, GBY90b, HV93, KT14, MAC14, MP09, MLM+08, NA90, ORPF13, PIR17, PM23, SW93, Sid95, THQ19, TPT13]. **analyst** [ZV97]. **analytic** [SHvR+16]. **analytical** [Bar84a]. **analyze** [CFM00]. **Analyzer** [LS79, ZGE85]. **Analyzing** [HSTS01, MR82, MNN92]. **Ancestry** [FK16]. **Ancient** [SP16]. **ands** [Edw07]. **animate** [BYF96]. **Annotated** [Sak21, GGN06, RH81]. **annotating** [AMR16]. **annotation** [YCKJ08]. **Annual** [ACM81, ACM87, ACM92a, ACM93a, ACM97b, ACM00, ACM08, AP10, AH97, AT02, FC98, FL08, FJ92, GM11, HM96, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE99, KS12a, KU90, Len93, LV06, MZ07, NEH90, ACM74, ACM76, ACM84, ACM86, ACM89, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM96b, AL01, Apo92, Apo93a, ACP05, BYCC03, CG94b, DT87, GU95, GS00, IEE89, IEE95b, PC90, SMD04]. **Anomaly** [GKW+10]. **Answer** [KKSL01, ADT15]. **Answering** [CJR+21, KKSL01, ZCOZ12, AL08, CDL08, CKC07]. **Answers** [GN19, Ano92a]. **Antidictionaries** [STSA99]. **Antisymmetric** [Gil70]. **Antonio** [IEE94b]. **Ants** [FR17, Joh01]. **Any** [Bur11, FW93]. **Apostolico** [Ano97b]. **Application** [AV23, GPP04, GT90, Hud89, IK83, MKF91, MGW14, NA90, WKA94, AKI78, CKF07, Fat15, GÁSÁ+13, LAU00, MAN76, MW94, MM03, PA10, SHS14, Sid95, Sid99, TAY90, WKR09, dLFM07].
application-database [SHS14]. application-specific [WKR09].

Applications
[Bak96, BM00, Brz62, CL94, DMVT13, FK16, Gia93, GV05, HSTS01, Hui92, 
HN05, IEE94b, IEE95b, IJK08, MHKR12, NR03, 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].

Applied [DGBH93, PDL98, DGBH93]. Applying [AK08, SDM01].

Approach
[ABF94a, CFM17, CCH09, Cox09, DC94, FKRV15, FL12b, GN19, IMR08, 
KRTSA99, KS99, LP13, LN19, Lut02, NR98, NR99b, RM88, Reg92, Sha93, 
Tar81b, AP13, B+05, BYG92, BSTU08, BG91a, BCD14, BYK22, FS22, 
FMdB99, GPR95b, GW92, Goo05, HLN09, KD15, LMK08, LMS21, MF96, 
Mus03, dSOMY15, PP85, PSDK17, SVS97, SD91a, SD91b, SSSL21, Sr93].

Approaches [BM08, vNG01, FBMA05, MR13]. Approximate [Aku94, Aku95, AAK+09, AEK+11, ACD01, BYP92, BYN96, BYN97, 
BYN98, BYN99, BCP02, BH02, BPPR20, BM00, BK93g, Bun95, CJM12, 
CLS+10, CL90, CL92, CM94, CL94, CCH09, CN02, CH02, CIM+02, EMC96, 
FPT22, FN02, Fre06, Fu96, GP90, GIMV03, GGF13, HD80, HLS07, HT17, 
HM00, HHL06, HR02, HR05, IMP01, JTU96, KYG19, KM92, KM95a, 
KST16, LSW08, LH03, LP11, LLW+15, MW92a, MW92b, Me195, MM02, 
MIH17, MM96, MM89, Mye98, MOG98, Nav98, NBY99a, NBY99b, NBY01, 
Nav04a, NRS18, OM88, PM01, Par96, PW95, Phi94, PP09, RN09, 
Sad96, STK10, ST95, ST96b, ST96c, ST04, TT20, Tak94, TU93, Ukk92, 
Ukk93, UW93, VRD01, Wri94, WM92b, WM95, ZMAB03, van14a, van14b, 
AGW13, BYP96, BLPL92, BFG99, 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, 
NKT+01, Nav01a, NF04, NC06, Par98, Sad93, SY23, SW90, TLS16, WC14, 
ZA17, ZD95]. Approximated [PW93]. Approximately [CJH94, KRT19a, KRT19b, KRT23, Mye95]. Approximating [TY97].

Approximation
[ADLM96, ADLM01, BL09, CM08, Huc21, LJ2Z13, KR98, KWL07, TU88].
April [ACM74, ACM84, ACM90a, AGS93e, Apo92, DMVT13, SC93, SC96, 
SC98, SC02]. Arabic [JZA19, Kul11, Mus03, Mus05, ZA97]. arbiters [SMT+86]. 
Arbitrary [Nav04a, WMGS19, YH92]. arc [GGN06]. arc-annotated [GGN06]. Architectural [CL09, GSL17, IS90].
Architecture [AWD+18, BYHT18, BTC06, CG87, CF85, CDB+23, 
HKL+14, KL02, LHC93, Lee09, PLL08, SRV+19, TS05, YDP12, dLBH22, 
FKSB06, KRL87, MM07, NNSP22, TYNM86, ZV97]. Architectures 
[OWP16, TVCM12, San09]. Arden [LCH93]. area [SV87]. Ariel [Han92].
Arithmetic [Hwa85, KP96a, MHKR12, CS22, KP96b, MP88]. Arizona 
[Apo92, ACM97a]. arm [NHN+20]. Armenian [Gue87]. Array 
[CPW88, GHK+91, LK90, WBA83, DK13, LKK88, ME97, MM07]. Arrays
Kül10, NR98, GF08, TLS16, Hyy08, KIH15. 


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 [JIDX13]. bottom [BDB90, CPT92, Cha87]. bottom-up [BDB90, CPT92, Cha87].

Bound [BG92, GKS86, Les94, BCKM15, BG91b, GZ10b, Ind98, Lif03, LP08]. boundaries [SHS14]. Bounded [Dur94, LLC17, NR03, SD95, BFK+03, CR95a, FK96, KNT11]. Bounds [CM08, Col94a, CHF295, CH97a, GG91, GG92, GHW05, KS94, BCT93, CIP93, Col90, CH92, SASSU13, Shi97, SV87]. boxed [CBS13]. boxed-mesh [CBS13].

Boyer [Tal81, AR13, AG86, BYR92, BYCG94, BYBDS09]. BPA02, Ber00, BKM95, CFG12, Col90, Col94a, DR06, EMC96, Gal79, Gol90, GOS0, HA90, Kan92, KP96a, KP96b, KBN09, 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 [BGJ01]. British [ACM92d, ACM98, MG94]. Browser [NTS93, VS11]. Bruijn [Sri88]. Brute [GHK14]. Brute-force [GHK14]. BSR [Sto90]. BST [SCFC94]. BUFFERS [Du82]. bugs [WBS22]. Building [BC06, GHK+91, SK17, DF00]. Burrows [Neu10, ABM08, DGG+19, ZMAB03]. buses [KRL87]. business [BJK+12, FvGGM00, PJMJ14]. buts [Edw07]. BWT [AMB+02, BPMA02, BFMA05]. BWT-transformed [AMB+02].

Bypassing [PLT14]. byte [TMK+02].

Canada

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


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, Sh52, Bar22, BG91a, BGWX22, Du82, Fen01b, GF08, HKN14, KT90, Pep91, Quo92, SCFC94, SKS96]. Cases [ALLL98a, ALLL98b, BAC06, PPpG20].

Categorical [LT90a, TG96]. Categories [Kul11]. Caucasus [Sal01].

Characters [Aku94, D +23, FMP20, GH82, Aku95, Mha05]. Charleston [ACM93a].


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, HN00, MW94, NRO12].


Chromosome [KS94]. Church [KMM +85, Shaa88a]. CIP [BW91].

CIP-Project [BW91]. Ciphers [PP06]. Circuit [IMM +22, PM78, TT20, ADM +13]. Circuits [Brz64a, Brz65, FUS2, GHKL18, KB01, Pie95].

Circular [CKP +21, CHL14, HT17, LA12, Boo80, HOK18a, HOK18b]. cities [Joh01].

ClamAV [OWP16]. Class [CGS17, EU98, Kin92, KUL11, SA96, Sch12, Sch13, BAC06, BRO16, CV06, Kod79, Pie08, Wal9].

Classes [HHW +99, NRO3, LEI85, LSO9]. Classic [HSST01, RB05, MAC14].


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]. Coconut [AK09b].
codata [TCP16]. CODE [BY91, AGT89, Cox12, Fra83, GHF82, GHF83a, GHF83b, Gie90, ND02, SED14, VSM87, WHZ+17, WNL+83, ZWH+21, AG06, BDD90, BY92, BY96b, CLS95, FHP92, Gan89a, GHS82, HV93, MSR80, MR82, NAR08, OW07, Rémi7, UIM22]. code-generator [FHP92]. Coded [BG95, Chu95, RD17, BC95, NH11]. Coder [MP88].
Codes [YK11, Bra90, Mei08]. Coding [CG95, Chu95, RD17, BC95, NH11]. Coder [MP88].
Codes [YK11, Bra90, Mei08]. Coding [BG95, Chu95, RD17, BC95, NH11]. Coder [MP88].
Cognitive [PW06]. cohabit [Wad87]. coinductive [HN11]. Collage [IST05, KMT+01, KMS+03]. Collections [Nav21b, Nav21a, BC13a, CHLS07, CMRV10, FGG+08, HAI02, WL15a]. Colony [ACM88]. Color [Hui92]. coloring [FS13]. Columbia [ACM92d, ACM08, MG94]. Column [SP16]. Com [Lia84]. Com-puter [Lia84]. Combating [KEG+08]. Combinations [Knu05]. combinator [Sta89]. Combinatorial [Ano17, BM08, Cro92a, GIMV03, Mei08, SLTB+06, Val09, WCM+94a, WCM+94b, CDM05, HL09, PPdG20, AL01, AP10, Ano92b, Apo92, Apo93a, AH97, AT02, ACP05, BYCC03, CG94b, FC98, FL08, GU95, GS00, GM11, HM96, KS12a, KU09, LV06, PC99, SMD04, Lab12a, Lab12b].
[ABFH+16, BKL+17, BK+17, GDFW14, BCT94, BCT18, Col94a, CH, CH91, EZ74, EZ76, EMTG23, FMMS20, GG91, GG92, GK86, GH91, HK11, HST90, KLH16, MNS10, Mo93, NS18, Prü17, R98, Sk18, Al89, AK12, Bar22, BDM19, CGK08, Col90, CH92, CGG90, CS22, FCFM00, FK96, Hsu79, KS07, Lei81, LM12, LM13, LN16, Mag81, Man76, NF04, PS89, PAG09, Sal12, Via04, XH23, Yao79]. components [CFM00].


Compressed [ABF96, BR99, BA16, BKL+97, BKL+17, BG23, CHLS07, CLS+10, CHP92, FT98, FV16, FT04, GP01, GP03, Gw12, Gw13, Gv00, Gv05, IST0, Jez15, KTH90, Kd99, KS06, LS08, Loh10, Man94, Man97, MHT09, MM+10, NR99b, Na01c, Nm07, Na21, Ra05, RN09, ST90, TMK+02, YK11, ZMSD93, ABF94b, BCD98, BPMA02, BFG09, BKK12, CP97, FT95, FGG+08, GR99, GO12, HHL06, KTS+98, KMS+03, NT05, NSZBY00, SLZ+20, SMW+23, TM04, TM05b, TM05a]. compressible [BFKL13]. Compressing [WL15a]. Compression

[ABM08, BC13b, BK93a, CW84, FG89, 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, BFPN10, Cha93b, CDC96, CL96, How96, Lar99, OW03, QZC17, RTT02a].

COMPSAC [IEE95b]. Computable [KT23, EH88]. Computation [Bro93, COZ09, Cha86, HU79, HUM01, HUM07, Hua98, Lev95, Ng79, Ra94, WN90, CCI+13, Far19, Han02, Ma06, N94+20, NA90, PS93a, QZC17, SY23, SASU13, Sid00, Tak96b, YT03, ACM94b]. Computational


Concatenation [CGS17]. Concave [KM92, KM95a]. Conception [Hud89]. Concepts [BGJ01]. Conceptual [BK75]. concise [BSV10, NdMM02a, Yod91]. concrete [ID89]. Concur [SBF80].

Concurrent [GR92, Pe87, SBF80, BFN+09, Go00, JM90, Ru92, YT03]. condition [Han92, KT90]. Conditional [DJ96]. conditionals [Edw07].

Conduct [NCKL14]. Conference [ACM89, ACM92e, BABB93, AG93e, A987, A+01, AO+99, Bao93, B+02, Bu04, DMT13, FMA02, CVP86, IE94a, IE94b, IE95b, Kap92, KP15, MG94, NH11, SW94, Sto92, SC93, SC94, SC95, SC96, SC97a, SC98a, SC99].
counting-set [THL+20]. coupling [Alí89]. course [GHR14, HR00]. coverage [GJS20]. Covered [Yun12]. Covering [BNV +13, CIK98]. covers [IP96, MS95].

Covert [HL10]. CPM [AL01, AP10, Apo93a, AH97, AT02, ACP05, BYCC03, CG94b, FC98, FL08, GU95, GM92, GH96, GM11, HM96, KS12a, KC95, LM01b, LV06, MZ07, PC99, SMD04].


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


Crowd-Sourcing [CDL +15]. Cryptanalysts [GS93a]. cryptography [DA18].


Cube [ML96a, Dow91, ML96b]. Cubes [CR95c]. Cuckoo [TK07]. CUDAs [KMM15].


CVPR [CVP86]. Cycle [KK95]. cycles [Ste12].

D [SHC93, ASG99, BSM +07, BZ98, CJS93, KD15, LT90b, Mun07, TCCK90, ZLN11].

D-pattern [ASG99, KD15]. DAGs [ZZ12].

daisy [SMT +86].

Dallas [IEE95b, NEH90]. Damaged [SP16]. Dark [Hum99].

Darmstadt [AGS93c].

Data [ABM08, AAC +01, BLLW12, B +02, BGW10, Bon07, CW84, CMNP17, DT87, EF13, FG89, FO76, FBY92, FMA02, FMG23, Gi93, GG97, Go83, GS85, Har02, JDXD13, KM94, LSW08, LKL02, LM01b, LMV16, LS94, MBP22, MMS14, Neu10, PYY19, Pre99, RPE81, Sad96, SD95, Sll78, SW94, St092, SC93, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SM09, SM10, SM11, SOR16, TV14, VMML15, WCM +94b, YDDB15, ABB93, AL08, AMRV16, BGHZ15, BFP +08, BFS00, BC93, Ch93b, DC96, CDP16b, CD96, FC95b, FG99, MG22, GDC02, GS22, GW92, GS93b, GS93c, GP96, GHS12, GS06, HN90, HSL10, HH16, HF13, JO97, JD89, Kra08, Lar99, LWS +16, LRV13, LTV15, MRA +17, MF96, MRR +18, Nl90, 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 [VMML15, MMS14, GS93b, GS93c].

data-parallelism [RW93].

Database [ACM83, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, CCL87, HF13, HA92, LHMH91, LL08, MN +23, SK17, VB98, GPT93, I1K08, KLB12, Len11, OTK92, SHS14, SR16, ZC90, KKP92].

Databases [AAB +17, AOV +99, CCH09, GNU94, POU93, CN21, FLC +19, SHVR +16, WZ95, ZCT14, ZC90].

Dataflow [PK85, Ray96]. Datalog [dLFM07]. datatypes [JR15a]. Dates [SM99, HN00].

dbC [GS93b, GS93c].

DC [ACM84]. DCC
[SC98, SC04, SC05, SC93, SC95, SC96, SC99, SC01, SC02, SC03, SM09, SM11].

DDC [SM10]. De-Compositional [LN19]. Dead [Cox10c, MD10]. Death [CGP+08]. Debugging [MLM+08]. December [AA+08, IEE94a].
decentralized [SMT+86]. Decidability [Asp12, Kar82, San15]. Deciding [CDLM17, Ga‰04, MD12]. decipherability [AG84].
definitional [CKC07]. Definitions [IEE01a, IEE01b].
decoration [BCWG09]. Degenerate [BG+22, DW17, IMR08, LJH+17, BPPR20, DGG+19]. Degenerates [GP18]. degree [HY90, LSV08, YH91].
denoting [HSJ04]. Density [Bur11, Sel84]. Department [Bol02].
Dependence [KK05, AFM94]. dependencies [BDO98]. dependencies [Cox19, QTO+20, Ra99]. Dependent
[CD18, Hua94, CFLH+22, CDP16a, CA18, CA20, Jan23]. Dependently
[Xi03, CDP16b, Tej20]. depth [Alb89]. Derivation [Mis03, BGG89, Pep91].
Derivative [MR+23, SL17]. Derivative-Based [SL17]. Derivatives
[Ant95, Brz64b, CJM12, CDJM15, SL14, ST19, Urb23, Ant96, ADU16, BRO16, ELF22, KMR21, ORT08, ORT09, Sid00, TN13, TN15].
derived [PS90]. derivors [Gie90]. Described [KPR97, KPR00, SA96]. DescribeX
[CMR10]. Describing [Wie95]. description [CDL08, FKS06].
Descriptional [GH15, LMN16, XH23]. Descriptions
[KRS05, KRS07, CS88]. Descriptive [GR96], descriptor [All82].
Design [AHU74, BK75, BCD14, Bir10, Bur84, HL97, OF61, Ski98, VKPI17, ZAS7, dLBC22, Bur82, CMS08, HUR84, KCK93, MI07, OA17, San99, SW12, WK09]. designers [LS99]. Designing [IL09, Mor83, SB09, DC94].
Desktop [Rob99a, Rob99b]. desukutoppu [SM04]. Detect [OWP16].
Detecting [GN19, Mut07, TMV+01, Mar89, Mha05]. Detection
[ARM+19, BYHT18, CZCD09, GKW+10, KKK11, KNMH00, Lee91, LY17, Les79, PAMP12, S183, TS05, WWW+16, ZLN11, ACF05, BKLE18, BAC12, BCD14, DNR06, FNP09, GZ10a, Joh94a, KOI94, KAT07, LHC04, LGZ+14, OKH4, QLY07, SA77, TBS06, VD17, Hig95]. Determining
[ZZJC20]. Determinism [GGM12]. Deterministic
[BGNV10, BKW92a, BKW92b, BKW92c, Coo72, FS19, GZ94, GMS12, Ind97, KV15, LY86, Nag21, Ned98, TLLL07, VW11, Vis90, Vis91, XLC19, BS86, BBM21, CDLM17, GHR+16, GM17, Laut00, LMN16, NdMM02a, SV09].
develop [DV21]. developers [LS99]. Developing [MNNS12].
Development [JLHB92, LCH93]. Developmental [YCJK08].
Developments [PV91, OKT92]. Devices [HAR10, Sym85, CMS08, Pet07].
DevReplay [UIM22]. DFA [BC13b, CP97, NYuR15, NR01, PW93, TJD+17, VWR11]. DFA's [CHP92, FG+11].
Diacritic [JZAA19]. Diagonal [JZAA19]. Diagnoses [SL17].
Diagrams [Bre94a, Owo93]. Dictionary [And02, Bre94a, Bun95, Gue87, KW19, KS11b, KS12b, AF92, DLF+15, SMW+23].
Diego [ACM92b, ACM93b, Sto92]. different [CN21, LV88]. different [YB13].
Different [FG+11, PS93a]. Differentiated [ZLN11]. differentiation [PS93a]. Diffusion [MSP+17, Sal01]. Digest [CZD09].
Digital [AGS93a, AGS93b, AGS93d, AGS93c, JRV96]. Digitized [LV94].
Dimensional [ABC94a, ADLM96, BYN98, BKL97, BKL+02, CDEK95, CL95, CHLT14, CR92, CR95b, CGPR95, CHG+98, CIK98, FU98, FNU02, GPF04, Gia93, GG95, GG97, HEWK03, HW12, KPR97, KPR00, KU99, KR94, Les79, Les95, Par96, Pru17, ZT89, AK08, AF92, ABF94b, ABC+04, AKT06, AGM05, ADLM01, BYR93a, BYR93b, Bir77a, CGOK98, CR94, GP92, HLN09, JKN00, KM93, Mid96, MPH21, NBY99a, Par98, TIT83, WC14, XMLC11].
Dimensions [CCG+93, dRL95].
Disambiguation [OS11]. Disappearance [Man94, Man97].
Discovering [LS17, LSWP19, SW93]. Discovery [Lee91].
Discover [SLTW+17, LSWP19, SW93]. Discover 
[CLST+13, VG01, WCM+94a, MP95, TSI13, WCM+94a, WZ95].
Discriminate [ACM97b, Gin93, KC99, Nak14]. Discrimination [KC87]. Disease [TMV+01]. Disease-Specific [TMV+01]. Disjoint [LS10, YD95].
Disjunctive [HR03]. Disk [JDXD13, WHZ+17]. Disk-based [WHZ+17].
Disorder [CGM10]. dispatch [MFRW09].
Display-Oriented [Rei77]. Distance [BCP02, CZOdB17, D&A98, FMP90, KS94, Med98, Ris16, RKK02, TTR0, ZCO09, AEPO6, AK12, AD11, BC95, CM07, EH88, GF08, HKN14, HOK18b, Lew97, PPZ08, Rot91, SKS96, TSI13, ZXL+13, HOK18a]. Distance-join [ZC009]. distances [AAB+09].
Distort [VB98]. Distortion [KC87]. Distributed [ASA17, BYNTK21, CPW88, IMR08, ML96b, NCKL14, PSP+18, SK17, TVCM12, ZLN11, AC93, DSM94, FFW12, HRN+15, HFFA09, LQL+16, LLC03]. Distributed-Memory [TVCM12].
Distribution [MR11, YJ84]. divergent [Sid95]. Diversified [FWS13a, FWW13b].
Document
[ABMN20, BK93b, BKW92d, DS19, FKRV15, FRU+20, KNS12, LMNT16, Ali82, Arn93a, Arn93b, BK93c, 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].
Don’t [Aku94, BL94, Aku95, CEPR10, KR97, MBY91, NR17].
DOT [BGWXP22].
doubling [CL09].
down [GOMSJVGP08].
DPI [ABBH+16].
DRAM [WSVS22].
DRAM-CAM [WSVS22].
DREAM [HRN+15].
DReX [ADR15].
Drive [KK02, BC06].
doubling [CL09].
down [GOMSJVGP08].
DPI [ABBH+16].
DRAM [WSVS22].
DRAM-CAM [WSVS22].
DREAM [HRN+15].
DReX [ADR15].
Drive [KK02, BC06].
doubling [CL09].
down [GOMSJVGP08].
DPI [ABBH+16].
DRAM [WSVS22].
DRAM-CAM [WSVS22].
DREAM [HRN+15].
DReX [ADR15].
Drive [KK02, BC06].
doubling [CL09].
down [GOMSJVGP08].
DPI [ABBH+16].
DRAM [WSVS22].
DRAM-CAM [WSVS22].
DREAM [HRN+15].
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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, Jør92, KEg+08,
MRA+17, MM03, Psk08, Smi91a]. even [LR14]. Event
[CvW18, SGCW14, dH05, CK08, LG16]. Event-based [dH05].
event-processing [CK08]. 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, Lin14, MIH17, MA12, PP09, WSVS22, ABH+14,
Bak78, CH92, CGG90, DHPT10, FL13, FS22, HTX17, KB22, Kar82, Lec07,
NF04, QWX+13, SSSL21, Tsn14, THG17, TZH+13, YHV+15], exact-match
[Bak78]. examined [ORT09]. examining [BvdM23]. Example
[CFCK22, Qui02, Qui00]. Example-based [CFCK22]. Examples
[BDD+14, Bra94, BC94, KK08, BHZ15, 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 [CF5, Gue90].
Expect [Fr97b]. Expected [CZodH17, KU99, CL90, Sch88a]. experiment
[GHS82, Russ85]. Experimental
[ACR01, GIMV03, HBRV10, Lec95, JLFL14]. Experiments
[Lec98, MNS84, Smi91b]. Expert [LYT+23, WSS94]. experts [B+07].
Explicit [Fort02, CKF07]. Exploiting
[GKW+10, JDXD13, KU11, MKF91, KKM+06, Rém17]. exploration
[FWDL15, SW12]. explorative [Ker04]. exploratory [ORP13]. Explore
[Cop91]. EXPLORER [FWDL15]. Exploring [CvW18, CMRV10, YB13].
exploration [PLT14]. expressibility [tC09]. Expression
[Anoxx, Asp12, BC13b, Bov07, BTC06, CZ01, CBW16, CKW09, Cox07,
Cox90, Cox10a, Cox12, Dav99, EU98, FC04, GJ16, GRS99, Gib21, Gol93,
Han13a, Hol84, Ier09, JLK+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,
vNG01, BAC12, BvdM17, BBvdM21, BFC08, BFG09, BG22, BFS04, BH07,
COZ09, CJBW13, Chi17, CLT07, CGPS13b, CS11b, Cox10b, CS22, DF00,
FDG+11, Fil21, Fos89, Goo05, GHR14, HN11, Hos06, HVP00, HP01, HP03,
HVP05, Hun79, KOs8, Kar82, Ker07, Lee82, Leo80, Lii03, MFI14, Mor90,
NNSP22, NT20, ORT08, ORT09]. expression [PIR17, PLT14, PCS99,
RTO15, SJ13, SCF+17, Spe85a, Spe85b, Stu03, Stu07, SSY19, SLZ+20,
SMW+23, Tho68, WXZY12, WL15b, WBS22, WW03, WR15, Yam19,
YKGS11, YJCK08, YB13, ZHZ16, Zia96, ZC99, ZYX+12, dLFM07].
Expressions [ARM+19, AM91, Ano68, Ano12, Anoxx, Ant95, ACT10,
Bac94, BDD^+14, BR20, Bee13, BF97, Ber00, BGNV10, Bra94, BC94, BMMR19, BK93b, BK92d, Brz62, BP63, Brz64b, Brz64a, Brz65, CDLV99, CDLV02, Cam99, CSY03, Cha01, Cha02a, CLOZ04, CJM12, CDJM15, CGR02, CHP92, CC97, CGS17, CDC^+23, CDL95, CDL99, Dav03, Dav04, Dav21, Dav22, DM11, FLS98, FU82, Fri02, GHKL18, GGM12, GN12, Gh62, GS22, Gil70, Gin67, GH13, GH15, HHH^+13, Hab04, HM98, Ham88, HW06, Han13b, HJ99, Hir96, HK11, HSW97, HSW01, Hum99, IY02a, IY02b, KT06, KTU87, Kea91a, KP99b, KP99c, Kin92, KMRY20, KV15, KZ02, KMDV10, LSO6, LHZH98, LM01b, LT09, Loh10, Mad01, MNS10, MY60, MSZ17, MR09b, MPdS12, MGF97, NM10]. Expressions

[Org03, OF61, Pak91, PM78, Pat71, Pre99, Ray96, Rez92, SA96, Sch99, SSSS10, Sou99, TV14, TB00, Uma97, Urb23, VHC88, Wenz93, WZU14, XK02, XLC19, Yam01, YPG21, ZGS^+15, ZMWL20, AFI98, Ano97a, AGM05, AM95, Anf96, AOMC07, ACM02, ADU16, BCG07, BYG96, BRL13, BdFED^+20, BTG83, BG91a, BDFR08, BvdM23, BS86, BNSV10, BBM21, BK86, Bra95, BK93f, BK93c, BK93d, BK93e, CGR03, CP97, CX020, Cho78, CK02b, CK08, CP0713a, CDLM17, DL03, EZ74, EZ76, FL71, FHW10, FS19, Fri97a, Fri96a, GLRA11, GR92, Ge03, Ge10, GL03, GL12, GS07, GHR14, GMS12, GM17, GH09, Gue90, HW07, HY90, HWJ03, HSJ04, Hoc19, Hov12, HN00, JSH09, Jolh99, Jolh06, KR22, Kap69, KGA^+12, Kin91, KMR21]. Expressions

[Lar98, Lau00, Lau01, LSO17, Lei81, Lei85, LWS^+16, LTV15, LR14, LM12, LM13, LNM16, Lus94, Mag81, MMDdJ11, Mor02, MZZ10, MM89, Nic03, PHXD19, PC02, PM23, PIT^+03, PPPdG20, Pra97, RT18, Rob79, Rom14, Ryt89, Sak21, San15, SMS15, Sha88b, SY72, SH85, SM04, Stmu7, ST19, SMT^+86, TN13, TN15, UIM22, XJ715, 04, YH91, YH92, tC09, Hum97a, Hum97b]. Expressive [AGP18, BLLW12, HS08, MFRW09].

Extend [Cal00, dLFM07]. Extended [Ano68, BK93b, CTF^+98, Gou02, HY90, HL97, KY15, KZ02, NR98, SvS14, Yam01, YH90, YH92, AM95, BK93e, BK93d, BK93c, CM95, GV00, JM93, RT18, Rob79, SMT^+86].

Extendible [vNG01, MKSIA98]. Extending [AS04, DJ96, Jan85, Kea91a, MSRRO0, PMS11, WLF14, Bak78]. Extensible [BAC06, SNM07, BFN^+09]. Extension [Liu86, Kau92, 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]. extrapolation [Sid95, Sid99, Sid00, Sid02]. extremely [AK08].

F [Ano97a, AGM05]. FA [CW90]. faces [KSWC93]. Fact [LSWP19].

Factor [ACR01, CFP19, YQW^+16, Bj909, BH96, HM00, KW05]. factored [Gue90]. factoring [DRSS96]. Factorization [KKP16a, KKP16b].
BYR93b, BYP96, BYG96, BYN98, BD80, BLP18, BC13b, BS97, BGP+22, BFC08, BM77, Bre95, BL16, BFK+03, Bun95, CLP98, CR95a, Chn95, Cob94, CP10, Cox07, CCG+99, FL12a, Fen01a, FNU02, Gal76b, GS80, Gia93, Gil85, GWX+23, HAR10, Hor80, HS90, HS91, KBB01, KST94, KKSL01, KMP77, KMP94, KXY12, KNMH00, KRML09, LV88, LV89, Lec07, LT16, LCL06, Man94, Man97, MUHT96, MPN+14, MNS84, Mon17, Mye98, NR98, NBY99a, NR99a, NR00, NR01, NR03, Neb66, Nel96, Ott94, OM88, PPA10, Quo92, Ris16, Ros95, RLP20, Sen00, ST96a, SNZBY00, Smi91b, Sun90a, Sun90b, Tar81a, Vis91, WM92b, WM92a, YKG81, ZS17, Zha17, AK08, AG84, CDC96, CPN515, CCG+93, Coo89, Der95, DC94, FDG+11, IHEH23, IIB6.

fast [KW19, KTP10, LHCK04, Mye99, NBY99c, Nav01b, PS90, RM06, RW10, SW90, Tak93, TLLLO9, Vis90, WL15b, dBB08].

Faster [ASM17, ALP04, AKT06, BYN96, BYN99, CH02, DGM90, DGM94, Fre02, GZ94, HN02, Ind98, Jez15, LS09, Men89, NKT+01, SB09, WT89, FCLST07, NTS93, WT88, Yan19].

Fastest [Col94b].

fault [BKLE18, BG91a].

fault-tolerant [BG91a].

Feasibility [HTK+21]. feasible [ATdM07].

February [ACM89, DGBH93]. federated [KLL23]. feed [MA12].

feedback [MA12]. Feedback [DKA+15, Joh95]. few [CEPR10, NR17].

FFT [SZ05]. FFT-based [SQ05]. Fgrep [Ash85, KBB01]. Fibonacci [IMS97]. field [WSW16]. fields [CRV06]. Fifth [ACM93b, AOY+99]. Fighting [ZGY+16]. File [IK83, Man94, Man97, ZJP+18, AII82, KCK93]. Files [ABF96, BH85, BBH+87, Man86, Pol01, TMK+02, ZMSD93, Ayc15, CEMW91, TM05b, TM05a]. Filling [LJZZ13]. Filter [CCH09, FU98, KNMH00, CMS08, ZC89].

Filtering [GMAS22, KXY12, 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, ZD05, BD80, GHST17, LLL13, Lee82, Yan19].

Fingerprint [DS19]. Fingerprint-Based [DS19]. Fingerprinting [LZ18]. Finite [Ant95, Bow87, CZOdlH17, CLOZ04, CM88, Cho87, PG99, GHK18, Ghi62, Gol93, GH13, GH15, HS97, HS01, JA17, JXR20, KPR97, KPR00, KV15, LV86, Mel95, Pet92, RS59, vNG01, Ant96, BDFR08, BT21, BK93f, GA04, HW07, Hur84, Kle56, Kod79, Lei80, Lei81, MMS14, Ron21, Ryt89, SLTB+06, SH85, VHL+12, VW11]. Finite-State [CZODLH17, vNG01, JXR20, GA04, HW07, MMS14]. finitely [AFI98].


Fixed-Queries [BYCMW94]. Fixed-Size [CF85]. FL [CVP86].
GADTs [KSVJ15]. gains [KGP+05]. Galen [Gue87].
Galianosi [Gue87]. Galil [Ano97b, AG86]. Gap
[BGJ01, KM92, KM95a, ZKY07]. gapped [NHN+20]. Gaps
[CIM+02, NR03, BGVV12]. GAs [Sut21]. Gases [Mun07]. gear [WOQ+07].
gear-shifting [WOQ+07]. Gender [Pak91]. Gene [Bon07, YCJ08].
General [MR92, NR99b, VCS+12, WSVS22, AAB+86, Cha02c, Sch91a, Sch91b, ZHWW12]. General-Purpose [WSVS22, AAB+86, Sch91a, Sch91b].
Generalization [Shi00, Shi04]. Generalized
[Abr87, BK86, GL86, Ham88, hei01, Hir96, Hol84, MAI+16, OP16, VHC88, Wen93, FL71, Kin91, SW90, Sid95, Sid99, Sid00, Sid02]. Generalizing
[SK996]. Generated [AK09b]. generates [UIM22]. Generating
[CGP+08, Jør92, Knu05, WXZY12, BJK+12]. Generation
[AGT89, GFH82, GWvG10, HKR92, Ker04, Pat71, SY72, ZMWL20, BDB90, BA06, FKS806, Gan89a, GHS82, KKP92, MSRR00, PPpG20, SNS15].
Generative [TD18, KS08]. Generator
[LS79, VSM87, XLC19, AVN22, CLS95, ESL89, FHP92, MR82, RT18].
Generators [Fra83, GHF83a, GHF83b, WNL+83, Gan89b]. Generic
[KB801, WMGS19, ZKA12]. Genesis [SDA17]. Genetic
[GC01, RMD97, BDMT16, MMDdJ11, Se184]. GenMatcher [WMGS19].
Genome [WGL+21, SVM14]. Genomic [CCH09]. GenSeq [WGL+21]. geo
[ZBST14]. geo-textual [ZBST14]. Geometric
[AK09a, CK92, CDEK95, KP96a, Ukk10, AK08, FMdB99, KP96b].
Geometrically [Akl78, HLN09, Man76]. geometrically [NA90]. Georgia
[ACM99b, IEE09, ACM83]. German [HU92, SM74]. Germany
[AM87, AGS93e, Len93]. Gestalt [RM88]. Gibbs [CRV06]. Given
[AW89, Bur11, Lei80]. Glanville [MSRR00]. Global [ZCS+12]. Globbing
GNU [Hae89, OSN94a, OSM94b, OSM94c]. Go [Far19]. Goal
[Gu92, Nil90]. Goal-Directed [Gu92, Nil90]. Gődels [Pux97]. Going
[LS06]. Good [BC94, MLM+08, GPTV93, PAV+92]. Google [Cox12].
GOTO [MGF97]. Goyvaerts [Ano12]. GPP [VCS+12]. GPP-Grep
[VCS+12]. GPU
[DK13, KW19, KMM15, LLC17, MIH17, SR16, TLS16, ZS13, ZYX+12].
GPU-accelerated [SR16]. GPU-based [ZYX+12]. GPU-to-GPU [ZS13].
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[HN3+13]. grading [Mor02]. Graham [MSRR00]. Graham-Glanville
[MSRR00]. Grails [JNS08]. Grained [FL99, TTO+22]. Gram
[ST95, HKN14, KST94, KW07, KWL08, KPA10, Sal12]. Gram/2L
[KWL07]. Gram/3 [EASK14]. Grammar [Wat96, Web95, Man06, Wat03].
Grammars
[BAO93b, BK92a, Pat71, SBHM94, BK93a, BK93c, KB93d, KGA+12, MBI+14, SV09, SH85, Ier09]. Grams
[ST04, STK06, Ukk92].
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[HW12, JR15b, KU99, SdM01, Chlo8, NRO12, OR11, Pieo8, Zel08].

Higher-Dimensional [KZ99]. Higher-Order
[HW12, JR15b, SdM01, Chlo8, NRO12, OR11, Pieo8, Zel08]. Highly
[BEL17, BKLP97, 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 [BKS02]. Homology [Zha07]. Hong [B+02]. Honnef [Len93].
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[CLP95, LZHZ98, LLC17, SF01, SW09, VB12, AVN22, Gri85, LLL13,
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Hypercube [Les94]. Hypermedia [LZ96]. Hypertext
[ALL97, ALL00, Nav98, PK95, Nav00, SD91a, SD91b]. Hypothesis [Liu14].
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[Mc85b, Mc85a]. idf [TP07a, TP07b]. Idiom [KKM+13, KKM+06].
IDPM [LJH+17]. IEEE [Bao93, CVP86, IEE09]. IFIP [FGR72]. ifs
[Edw07]. II [AU73, Nav21b, OSM94a, OSM94b, OSM94c]. Illinois
[Hwa85, Hwa85, Rob87]. illustrating [HWF90]. Image
[DS19, How97, LV94, SN92, VB98, ASC99, AGS96, ZC89]. Images
[GR96, KPR00, KPS06, How96, KS05, YCJ90]. Imaging
[AGS93a, AGS93b, AGS93d, AGS93e, AGS93e]. immersion [HFT+08].
impact [MBH20, NEH90, NCV10]. Implement [Charo, Cha02a, ADM+13].
Implementation [Bar81, DNM00, Gin73, Har71, HOSS85a, HOS85b,
LZ18, MHT09, RND97, VKPI17, Vin77a, Vin77b, Yun12, Aoe98,
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[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, GS86, GP90, Han13a,
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[Cha87]. Improvements [CK92]. Improving [AYS84, Bir77b, DBH10,
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[MPdS12]. in-degree [LSV08]. In-Memory [SRV+19, TT20]. In-place
[HTX17]. In-Situ [GMAS22]. In-Storage [JLK+20]. in-vehicle [BMLE18].
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Incomplete [NCKL14, Ritxx]. Inconsistencies [FRRV16]. incorporate
[SKS96]. Increased [HFN05]. Increasing [HR00]. Incremental
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[CR02, CN02, Cox12, Gia93, HTK+21, Man86, Zve80, All82, CR03, DGM19, HLS+11, KW10, KW+11, KC21, KST16, NC06, TPT13, ZCT14].

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[TCP16, ZJP+18, EMT23, GCM02, GO12, KNT15, Sen00]. Indexes
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[DGBH93]. indirect [DSv94]. Inductive
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[Zha96]. Inductive
[ASJDW21, ASJDW18, CL09]. Industrial
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[Moo12]. Inference
[BNSV10, BGNV10, JM93, Tej20, Van06]. Infinite
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[HWW06]. Infix-Free
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[BNV+13]. Interactive
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[ACR20]. International
[ACM94b, ABB93, AGS93e, AAC+01, AOV+99, Bau93, B+02, Bro93, Bum94, DMVT13, FMA02, IEE95b, KAp92, KP15, Lev95, Nag79, NH11, SW94, Sto92, WN90, A+08, BGN94, HF13, MG94]. Interpolation
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[HN11, JP11, NC92, SHCY93]. interpretations
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[Via02, Via04, WSS94].
intractable [FLM+10]. Intrinsic [MFMA15, MFMA17]. Introducing [LV86b]. Introduction [Bir77b, CM86, CLR90, GS93a, HU79, HMU01, HMU07, PG90, SC88, HU92]. Introductory [LSO17]. Intruder [BYHT18, CZCD09, Hig95, KKK11, LY17, TS05, ZL18, ACF05, GZ10a, KAT07, LHCK04, TBS06]. Intrusions [KNMH00]. invalid [SMS15]. Invariant [FU98, KMRY20, LT03, ZC89, Deo06, KMR21, MNU05]. Inversion [AAL97b, GIK97, GHW05]. Inversion [KS94, Gie90, GT90]. inversions [CCF13, GFG11]. Inverted [BBH+87, ZMSD93, KWL07]. invisible [EH07]. invited [Rém17]. Invocation [Kor83]. Involutions [GMMN12]. IO [PSK08]. Ireland [ABB93]. Irregular [PCS99]. ISBN [Ano12]. Island [ACP05]. Isomorphism [BM79, Gro91a, Gro91b, KSH+15, Máék89]. Israel [AL01]. ISSAC [Lev95, WN90]. ISSAC’93 [Bro93]. ISSAC’94. [ACM94b]. Issue [Ano17, Cro92a, IEE01a, IEE01g, IEE01e, IEE01b, IEE01h, IEE01f, AGS93a, AGS93b, AGS93d, AGS93c]. issues [BG91a, IS90, San15]. Istanbul [SMD04]. Italy [AAC+01, Apo93a, FL08, GM11]. Iterable [LM02]. iterated [Jan85]. itself [JGMP22].
OF61, Pux97, YD95, Aoe89, GOMSJVGP08, 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]. Määkinen [Gro91a]. Making [ABBH +16, ATdM07, NE93]. Malay [BSY00]. male [KT90]. Malicious [HL10, HT14]. Manacher [Akl78]. Management [MK75, DT87, FMA02, SW94, Sto92, HF13, WXZY12]. Managing [SBM +18]. manga [QPWH08]. Manipulate [Ghi62]. Manipulating [VMML15]. Manipulation [Car77, Hoa77, Ng79, Wei94, GHS12, GS06, Mal93, MR05, RSH81, SNM +13]. Manual [AKW85, Mu 95, MuT95, Mun95, Ski98, HA90, TSM88]. Manuscripts [AS91]. Many [JA17, JXA20, TLP15, Wal88, MAC14]. Many-Core [TLP15, MAC14]. Many-Sorted [Wal88]. Many/Multi [JA17, JXA20]. map [KD15, SASU13, ZBST14]. map-reduce [SASU13]. Mapper [GMAS22]. Mapping [CFM17, KFG19]. maps [BCWG09]. March [ACM83, IEE94b, SC93, SC95, SC96, SC98, SC99, SC01, SC03, SC04, SM09, SM10, SM11]. Marina [ACM69]. Markov [KCPC13, KR14, LBK08]. Marseille [Ng79]. Maryland [ACM90b]. Mass [BM08, LZ18]. masses [Vol12]. Massive [BYNT21, OR12, YDDB15, ZYQ +15]. Massively [CG87]. Master [Tan97]. Mastering [Fri97a, Fri02, Fri06a, LR14, 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, Mue97, MOG98, PRU11, RVV23, GHST17, Mha05, Ukk92, Yam19, ZD95]. Matching [AOK02, Abr87, ABM08, AC75, AGT89, Aku94, AR00, ACR01, ABF94a, ABF96, AAL97b, ALL97, ALLL98a, ALL00, AAL +00, AR08, AP10, Ano92b, Ano96a, Ano96b, Ano97, AYS84, iA94, AT02, ADLM96, AW89, Ash85, AJY92, ADC01, ASA17, BST +03, BYP92, BYCMW94, BYN06, BY96a, BYN97, BYN98, BYN99, Bak96, BEM +12, BCP02, BL18, Bee81, Bee13, BEI17, BH02, BH85, BKLP97, BKL +02, BGP +22, BL94, BM00, BBL93, BYNTK21, Bow87, BG92, Bre93, Bre94a, BCT94, BG95, BCT98, Gbg12, Gbg14, BTC06, BLP18, BS98, BG01, BCFL12, BCC +13, CF12, CF16, CF19, CFM17, CDM11, CK02a, CLS +10, CL92, CM94, CL94, CCH09, CL97, CLP98, Cha02b, CN02, CTF +98, CZCD09, CHL14, CJBW16, CWL +21, CK92, CDEK95, CG94a, CLP95, CM08, CL95, Cht95]. Matching [CW84, CHZ06, CJS12, Cro94, Col94a, CHP95, CH97a, CH02, CH03, CHLT14, Col94b, CG79a, CG79b, Cox07, Cox09, Cox10a, Cox12, CP91, Cro92a, CR92, CCG +94, CR95b, CGPR95, CGG +97, CH98, CII98, CIM +02, CIL 03, D'98, DB86, DLG12, D +23, DN77, DCM15, DGM94, Dwe00, EV04, ET1V88, Eke95, EMC96, EF13, EMG12, EZYA23, FT98, FL12a, FL12b, FMP20, FMMS20, FG98, FL08, FPT22, FR00, FOR02, FU98,
Fre02, FNU02, FT04, Fre06, FC04, Fu95, Fu96, Fu97, GHLW15, Gal76b, Gal79, GS80, Gal81, GP90, GG91, GG92, Gal95, GPP04, GC01, GPR95a, GIK97, GP01, GP03, GIMV03, Gaw12, Gaw13, GP93, GM02, Gia93, GG95, GG97, GM11, Gib81, GS22, Gil85, GKP19, GZ94, GWX+23, Gon02, GK86, Gri79, Gri83, GL01.

Matching [Gro92, GL86, GV05, GMMN12, GH82, HD80, Han13a, Har02, Har97, HAR10, HL10, HT14, Haz01, HESW03, Hei01, HL97, HUN+19, HH93a, Hig95, HT17, H082, HSTS01, How97, Hu092, HW12, HN02, HN05, IS94, IMP01, IMR08, IST05, IS86, IMM+22, IK83, JZAA19, JLK+20, Jez15, JLG06, JGZL12, JSC83, JTU96, KPR97, KPR00, KU99, KS12a, KR81b, KR87, KRS95, KRS97, KO83, KP93, Kes79, Kha16, KTS99, KMT+01, Ki099, KST94, KS99, KKS01, KKK11, KS06, KS11b, KS12b, KM92, KM95a, KM95b, KMP77, KHL16, KRR17, Kor83, KMM15, KB18, KK02, KR97, KU09, KNS12, Kii10, KXY12, KMMH00, KC99, Lab12a, Lab12b, LSW08, LV94, Lav91, LP13, Le91, LM01a, LKM23, Lec95, Lec98, LKLL02, Lee09, LY17, LT03, Les95, Les94, LV06, LY86].

Matching [LYT+23, LTI04, LLLL08, LA12, LLCC13, LJM+17, LLC17, LLCC17, LP11, Liu86, Liu88, LM02, LT16, LN19, LGZ+14, LCL06, LLW+15, LS94, Lu02, MZ07, Maa06, MS98, MBP22, MKF91, MU02, MW92a, MW92b, MGW14, MR11, MN+23, MHT09, MUHT96, Mc85b, MPN+14, Mel95, Mey85, MM02, MHI17, Moh97, MS01, Mon17, MNR+23, ML96a, ML96b, Mu95, MuT95, Mun07, MR92, Mut97, Mut00, Mye92, Mye98, Nao91, NR98, Nav98, NBY99a, NBY99b, NBY01, NR03, Nav04b, NWE97, Ned98, NdMM02b, ND02, NRS18, NCKL14, NR15, NEL17, OR12, OS11, OP16, Ott94, OM88, PDL98, PAMP12, PS10, PLL08, PK95, Par96, PV91, PPA10, PW95, Phi94, Pol13, PP09, P095, P095, Pru17, PSSb, RR90, RR92, Rao95, RM88, RT02b, RKM21, RS98, RHR+21, Ric79, Ris16].

Matching [RKH02, REP01, RMM+14, RT17, RSG+19, RDF23, RNM09, 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, Sp09b, Sto06, ST95, ST96b, ST96c, ST04, TD22, Ta22, Tak86a, Tak86b, Tak94, TMK+02, TS05, TZW94, TWZ23, TU93, TP97, TMV+01, TJGY22, TK07, TLC15, TL12a, TL12b, TVCM12, UW93, Ukk10, VAS7, VB12, VWR11, Via02, VG01, VRD01, Vis91, Vis99, VS01, WAH23, WPK13, WS16, WMSG19, Wat96, WKA94, WD99, WBA88, Wk94, WM92b, WM95, WSV12, Xi03, XZL+19, YP12, YP13, YQW+16, YK11, YJ84, YDW18, YGG+23, Yun12, ZZZ12, ZS17, ZLS18, Zha17, ZLN11, ZT89, Zue96].

Matching [de82, van14a, van14b, AMB+02, ADR03, ADR06, AK08, AK09a, Akl78, Aku95, ASM17, Alb89, ACF05, ASG99, ALV92, AF92, AMF94, ABF94b, AAL+97a, ALLL98b, AL01, ALP04, ABC+04, AKT06, ALLS07, AAK+09, AAB+09, AEK+11, ABH+14, An097b, A091, A091, AG84, Apo92, Apo93a, AH97, AG97, ACP05, ADLM01, AGS96, AD11, AGW13, AG06, BFKL13, BKLE18, BYR93a, BYR93b, BYP96, BYCC03, BSY00, Bak78, Bak93, BDB90, BCD98, BEM+13, BSTU08, Bar22, BGFK15a, BGFK15b, BR09, BA15, BA16, BA16+].
BKBB+14, BBvdM21, BCD14, BPPR20, BLLP90, BLPL92, BFC08, BFG09, BGVW12, BG22, Bir77a, BGJ89, B ¨O13, BGWXP22, BG90, BG91b, BCT93, Bre95, Bre96, BGM13, BKS02, BDM19, BFK+03, BC93, BELO4, CADA18, CGK08, CPT92, CCF13.

matching [CS98, CPW88, CF88, CKP+21, CSH90, CKP+21, CSH90, CG90, CL90, CKP+21, CH92, CCH+93, CH97b, CG90, CT96, CD99, CM07, Cro92b, CRR93, CG94b, CR94, CL96, CGR99, CCG+99, CKC07, Da09, DR06, DA08, DGG+19, DGM19, DOS03, Deo06, Der95, Dij76, Dijxx, Dit78, Dow91, Dow93, DC94, DGM90, DN06, DHPT10, EMT+10, FWW13a, FWW13b, FWW13c, FLC+19, FC98, FLST07, FT95, FL13, FS22, Fat15, FHV18, Fen01a, Fen01b, FG95a, FMdB99, FDG+11, Fil21, FBMA05, Fre03, FN04, FM06, Fri97b, Ga04].

matching [Gal75, Gal76a, GS81a, GS81b, GS83, Gal84, GG86, GG87, Gal92, GP92, G95, GPP+95b, GR99, GU16, GGL94, GS00, GGF13, GG13, GMC02, GW92, GBY90a, GBY90b, GP96, GF08, GFG11, GGN06, GL92, GV00, GM17, GZ0a, GS06, HIEH22, HWV07, HY92, HLS07, HFR05, H93, HH93c, HH93c, HM96, HOK18a, HOK18b, HM00, HLS+11, HBRV10, HP01, HP03, HK77, How96, HLNO9, HHLS06, HNN05, Hyy08, IIT13a, IHIEH23, IS96, Ier09, Ind97, Ind98, IS90, IKO8, IM13, II6, ISHY88, Jan23, JM93, JP11, JL93, Joh95, Joh94a, Ju91, KTP10, KSV15, KB22, Kas08a, Kas08b, Kas08c, KN00, Kes91, KTS+98, KMS+03, KST92, Kim99, KWL07, KEF+14, KC21, KKNS23, KNT11, KS01, KS05, KMP94, KS96, Kos89, Kos94, KM13, Kri09, KKR+13, KST16]. matching [KGP+05, KPA10, KT90, LMM17, LV86a, LV86b, LV87, LV88, LV89, Lar99, Lec07, LLC03, LH13a, LH03, LG16, LS10, LS09, LP08, Liu81, LHCK04, LKB08, LO94, LT97, PLL13, MCF+11, MCF+14, MK90, MNU05, Man76, GM91, MM10, Mar07, ME97, MAI+16, MP05, McI85a, MM03, MM07, M03, MHH+01, MR09a, MBH20, MA12, MPW21, Mun95, Mus03, Mus05, MM89, Mye95, Mye99, NY14, Nak14, NNSP22, Nar91, NBY99c, NR00, Nav00, NKT+01, Nav01a, Nav01b, NR02, NF04, NT05, NC06, Neb06, NWE99, NMM02a, NC92, NR17, NK07, Nil90, OK94, dSOMY15, OR11, Oph89, OW03, PS89, PLL10, PPTT15, Part98, PS90, PLT14, PC99, PP04, Per94, Pet07, PMS11, PPZ08, PDC94, PA10, QZC17, Quo92, RM06, RFTT02a, RUG97, RTO15, Rus88, RLP20, Sad93, SY23]. matching [SV97, SRK20, STK06, Sal12, SBB19, Sas79, SW90, Sch81, Sch91a, Sch91b, Sch88b, SZ05, Sen00, SS94, SGM10, ST96a, SN94, SSL221, Shi97, Sil77, SR16, Sni91a, SDS14, SGCC14, SCHR93, Spe85a, Spe85b, Sp199a, SRI93, SA77, Sto02, SALP20, SWW+12, SLZ+20, SMW+23, SV87, SNM07, Tak96b, Takt93, TS06, TZY14, TJ14, TQ17, THQ19, TM04, TM05b, TM05a, THG17, T01, Th93, TIT83, IIT13b, TLS16, TMC20, TLL07, TLL09, TCC91, TGL+20, Ukk92, Ukk93, Val09, Van06, VLP17, VV11, Via04, Vin77a,
Vin77b, Vis90, Vol12, Wad87, WZS95, WGMH13, WLF14, WC14, WL15b, WZ96, WW03, Wat93, Wea94, XMLC11, YKGS11, Yao79, YT03, YB13, ZMAB03, ZH10, ZH16, ZA17, ZdSO18, ZJJC20, ZYX+12, d93, dRL95, BCKM15, HKT+21, JDE9, Neu10. **Matching-Based** [CZCD09]. **matchings** [Iba97, RW10]. **matchlib** [Ano01]. **MatchPy** [KB18]. **material** [RH81]. **Mathematica** [Har97, Mae94]. **Mathematical** [Zha96, Rev91]. **Mathematics** [HM87, AH14, WSS94]. **Matos** [Pet95]. **Matrices** [CIK98, Gia93, PRU11, Lee82]. **Matrix** [BGP+22, FT95, SJNS19, TZW94, Kar82]. **Matrix-Vector** [FT95]. **Max** [IMP01, WPKL13]. **Max-Shift** [IMP01]. **Maximal** [BJM79, Fra20, IS86, BGK+16, Che96, GHST17, II86, Ukk92, Rep98]. **Maximal-munch** [Rep98]. **Maximally** [BNV+13]. **Maximize** [LJZZ13]. **Maximum** [ADLM96, ASA17, OP16, ADLM01, LMMN07]. **May** [ACM69, ACM74, ACM76, ACM81, ACM84, ACM86, ACM90b, ACM91, ACM92d, ACM93b, ACM94c, ACM94d, ACM95b, ACM95c, ACM97a, ACM97c, ACM99b, ACM100, ACM08, Apo92, DT87, KLB12, NH11, SW94]. **Mean** [KP96a, KP96b, Alb89]. **Means** [Ray96, SS93a, OW03, WD99]. **Measurement** [Lee91]. **Measures** [Nav21a, EZ74, EZ76]. **Mechanical** [NEH90, Sha88a]. **Mechanically** [Gol90]. **mechanics** [NEH90]. **Mechanism** [JLH18]. **mechanized** [Chi08]. **media** [VD17]. **Medicine** [Sal01]. **meet** [KSVJ15]. **Meeting** [NEH90]. **Membership** [CGS17, GM02, KZ02, Loh10, Pet02, MW94]. **Memory** [GWX+23, KKK11, LP13, Lee98, SRV+19, TT20, TVCM12, FG99, JSH09, KFG15, LH13a, LMT16, Nak14, PLL10, YKGS11, YIAS89, ZYX+12, OWP16]. **MEMORY-Based** [OWP16]. **Memory-Efficient** [GWX+23, KKK11, LP13, PLL10, YKGS11]. **Memristive** [TT20]. **Menristor** [BYHT18, dLBHC22]. **Menristor-Based** [BYHT18]. **Merging** [Kit94, LK06]. **Merlin** [SBM+18]. **MESA** [ZBST14]. **Mesh** [BM00, CNS18, DKP11]. **Meshes** [CG94a]. **MeshFlow** [DKP11]. **Message** [GM02, GKW+10]. **Meta** [Moo12, Kes79]. **Meta-level** [Moo12]. **META/REDUCE** [Kes79]. **Metadata** [RHR+21]. **Metamathematics** [Pux97]. **Metamorphosis** [KV15]. **metaprocessing** [JGMP22]. **metasystem** [GT90]. **Method** [AYS84, CLP95, Hua94, LPT12, MM93, NBY99b, RJK79, SV94, SD95, Shi96, WZJH12, FMD99, GPR95b, Ker04, LLLL13, MP09, SSYW19, TIA90]. **Methods** [BW91, Fa85, GIMV03, SBHM94, BSY00, KNT15, Per94, Snt09, SHCY93, TTHP05]. **Metric** [BCP02, CN02, ZCS+12, EH88, Jon13, Mag81, NC06]. **Metrics** [LP11]. **Mexico** [ACM91a, BYCC03]. **MFC** [AS04]. **Miami** [CVP86, IEE97]. **Michoacan** [BYCC03]. **Microcomputers** [ZA87, ZG85]. **microprocessor** [BY92, BY96b, BY91]. **Middle** [Sal01]. **Middleboxes** [YDW18]. **Miller** [CR91]. **Milwaukee** [ACM81, IEE95a]. **MIN** [WPKL13, YD95]. **MIN-MAX** [WPKL13]. **Minimal** [BNV+13, IF94, Mah07, Ned98, YD95, BGK+16, BH96, HRN+15, KS11a].
Minimization [CMNP18, Moh94, ND02, TZW94, AYCLS02, Kra08].
[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, PC94]. multilevel [KCPC13]. multilingual [ZV97].
Multimodal [BWG12]. Multipattern [STK06, Yun12, ZS13, BKK12].
Multiple [HR02, BYN97, BLP94, CF06, CJS12, FL12b, Gav12, IS94, IS96, KTS+08, KMT+01, LLL12, LT90b, LBK08, MM96, Mut00, OR12, PW95, SVS97, Shi96, SALP20, TM05b, VWR11, CK02b, Dia09, 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 [WBA83]. multiprocessor
[Vin77a, Vin77b]. Multitenant [Bur84, Bur82]. Multithreaded [EGP14].
Multivariates [CvW18]. Multiview [ZCS+12]. Munich
[WZU14].

nanolithography [SS93b]. narrowing [AEH94]. Nashville [ACM90a].
Natural [Fre06, GR96, vNG01]. Natural-Language [GR96]. Navarro
[Hyy08]. Navigational [LR5V18]. near [HFFA09]. near-optimal [HFFA09].
Nearest [CEMW91, QQ+13a, QQ+13b]. Nearest-neighbour
[CEMW91]. necessary [KT90]. needed [Gon02]. needed [AEH94]. Negative
[YQW+16]. neighborhood [KS11a]. neighbour [CEMW91].
Neighbourhoods [NRS18]. Nerode [WZU14]. nerve [Kle56]. nested
[Lar98, MZZ10]. Nesting [Jed87]. net [AB89, PP85]. Nets
[CEW58, Sim83, BG91a, GR92, Kle56]. Network [BNV+13, CFM17, CFS+89, LY17, LN19, Re03, SBM+18, TGY22, VKP17, ZL18, BKLE18, CMS08, GZ10a, LMNN07, LHCK04, SALP20, Tak96a, TLLL07, WXZY12].
network-based [BKLE18]. Networks
[CLP95, DCM15, GZ12, KTY+18, MPP+17, Ray96, SF01, TD18, CEMW91, Kin89, KD15, LLL12, LYLW08, MMDD11, SD91a, SD91b, SDA17, VD17].
Neural [AB89, CG87, CLP95, SF01, Kin89]. neuromata [ˇSW98].
neuropyschology [AB89]. Nevada [ACM95c]. next [KKP92].
next-generation [KKP92]. NFA
[ARS16, Cha01, CP97, GS07, HM98, Hyy08, Li03, PD12, YKGS11, ZYX+12].
NFA-based [ARS16]. NFA-OBDDs [YKGS11]. NFA’s
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].

Optimal
[AOK02, AR00, ABF94b, BH96, CLZ+15, CG94a, CR92, CGH+98, FCLST07, FG95a, FG98, FK16, FNU02, Gal84, Gal95, Gaw13, GG97, Hig86, IY02a, IY02b, KU99, KR94, LMNN07, MS98, MP88, Mor83, Mut00, Nak14, NWE97, NdMM02b, RT17, SN92, BKBB+14, BG90, BKS02, CMO+08, CR94, FN04, GS81b, GS83, Gal92, GR99, GHK14, HFFA09, IKX15, IP96, KR89, KT90, MSRR00, MS95, Neb06, PPTT15, Rytt89, ZC99].

Optimally [CCG+93].

Optimising [Chi17]. Optimization
[GC01, HJ99, IMM+22, LT09, Sca11, Spi99b, Web95, All89, CK02b, KLL23, KWW08, KGP+05, SI03, Spi99a, VW11].

Optimizations [PSK17].

Optimized [AK09b, ELF22]. Optimizing
[CJBJ13, 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, Kos91, NRO12, ORN98, Pie08, TPT13, Zei08].

Order-preserving [GU16, KEE+14, KKNS23, CFKT17, CNPS15, DGM19].

order-sorted [Gie90, Kes91]. Ordered
[ST04, Cro92b, Gro91a, Gro91b, Måk89].

Ordering [CDPP23]. ordinary
[Rev91]. Oregon [ACM94a, ACM00, BGNP94]. O’Reilly [Ano97a, Ano12].

Organization [IK83]. Organizing [CCG+97].

Oriented
[GP93, KS94, Rei77, GPTV93, LLC03, Mus05, TG96]. Orlando
[IEE88]. Orleans [ACM91, ACM97b]. Ornaments [Rên17].

Oscillator
[FYJ+17]. Oscillator-Based
[FYJ+17]. OSN [ZGY+16]. other
[Ano97a, Fr97a, Hoc19], our [FvGGM90], outbreak [FNP09]. Outerplanar
[BJM79]. Output
[PM78]. Outsourced
[FHV18, MBP22, YDW18].

Overcoming [Küll10]. overlap [KD15, PSK08]. Overlapping
[Ben94, BZ98, CCF13]. Overlaps [AGM19]. Overlay
[LT16]. overview
[PVA+92, Tur86]. Own
[Tay97, ZGY+16]. Oxford
[Ano97b].

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

Packed
[Zha17, BKBB+14, GGF13]. Packet
[BYHT18, LLLL08, LLC17, LMT16, VFK17, VWR11, VP13, ARS16, BAC12, CMS08, NYR15, SSYW19]. Padova
[Apo93a]. PageRank
[LSV08].

pages
[Ano97a, Ano97b]. Pair
[BNV+13, PPZ08]. Pairs
[GLS92]. Paisley
[TL12a, TL12b]. Palermo
[GM11]. Palindrome
[Gal76b, IIT13a, Man75, IIT13b, Gal75, Gal76a]. Palindrome-Recognition
[Gal76b]. palindrome
[Gal76b]. Palindromes
[NHN+20]. Palindromic
[HIRS17]. Palo
[IEE93, IEE98]. PAMA
[LCL06]. paper
[Pet95]. Papers
CG94a, CLP95, CM08, 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, GIJK97, GPP1, GP03, GIMV03, GAW12, GAW13, GP93, GM02, GIA93, GG95, GG97, GM11, GMC02, GL85, GW92, GKP19, GZX+23, GGN06, GR19, GR83, GL01, Gro92, GL86, Har92, Har97, HAR10, HH83, HL10, HT14, Haz01, Hea71, HEWKL3, Hei01, HL97, HUN'+19, Hig95, HO82, HSTR01, How97, HW12, CVP86, IMR08, IST05, IMM+22, JLL+20, JSC83, KPP97, KPR00, KU99, KS12a, KR81a, KR81b, KR87, KR94, KRS95, KRS97, KNS00, KP93, Kes91, Kes79, KTS99, KMT+01, Kid09, KS99, KKSL01, KKK11, KU99, KMS02, KM92, KM95a, KM95b, KMP77, KRR17, Kor83, Kra08, KB18, KK02, KU09, KNS12, Küll10, KVX12, KNMH00, KC99, Lab12a, Lab12b, LV94, Lav91, LP13, LM01a].

Pattern [LKL02, LSTW+17, LY17, LT03, Les95, LV06, LYT+23, LTL04, LA12, LLCC13, LJH+17, LLC17, LP11, Liu86, Liu88, LM02, Lut02, MZ07, MS98, MBP22, MKF91, MU02, MW92a, MW92b, MGW14, MR11, MNP'+23, MTH09, MU97, Mcl85a, Mcl85b, MS01, Mon17, Mu 95, MuT95, Mtu00, Mye92, Nao91, Nar91, Nav98, NBY99a, NBY99b, NBY01, NRS03, Nav04b, NWE97, Ned98, NdMM02b, Nd02, Neu10, NRS18, NCKL14, OR12, OP16, OW03, Ott94, PDL98, PS10, Par96, PV91, Pet92, PW95, Pitt98, PPP08, PP99, Pot93, PK85, PS93b, QTO+20, RR90, RR92, Rao95, RM88, RKM21, RS98, RHR+21, Ric79, Ris16, RSG+19, SMD04, SCFC94, SN92, SP16, Shi95, SRR92, SRR95, Sel84, Ses96, Shat93, SN94, STSA99, SKF+00, Shi00, Shi04, SSSS10, Sin83, SF01, SD01, SW90].

Pattern [Som82, Spi99b, TBD22, TAF22, Tak86a, Tak86b, Tak94, TMK+02, TM05a, TMV+01, TS13, TK07, TL12a, TL12b, Ukk10, VSM87, VWR11, Via02, VG01, VRD01, Vis91, Vis99, Vol12, VS01, VB98, WAH23, WCM+94b, WZ95, WSW16, Wat96, WKA94, WD99, WBAS3, WM92b, WSVS22, Xi03, YP13, YK11, YDW18, YGG+23, ZZ12, ZZHI10, Zha17, ZsSO18, ZLN11, ZT89, Zue96, ADRO3, ADRO6, AK08, AK09a, Akl78, Alb89, ASG99, AYCLS02, ALV92, ALLL98b, AL01, ABC'+04, AKT06, ALLS07, ABH'+14, Ane01, Aoe89, APO92, Apo93a, AH97, ACP05, AP90, ADL01, AG06, BKE18, BYR93a, BYR93b, BYCC03, Bak93, BDB90, BEM+13, Bar22, BA15, BA16, BCD14, BPR20, Bir77a, BGE9, BO13, BGWX22, BYK22, Bra95, BBHK14, BK02, BDM19, CGK08, CPT92, CPW98, CF88, CGM10, Cha93b].

pattern [Cha93a, CKP+21, Cha87, Cha02c, CRV06, CR95a, CLS95, CFTK22, CFKT17, CNPS15, CN18, CS11a, CWZ10, CJP93, CD16a, CA18, CD18, CA20, Col90, CCG+93, CH79b, CT96, CD89, CRR93, CG94b, CR94, CCG+99, CKC07, DS04, DA18, DGG+19, DGM19, Di76, Dijxx, Dow91, Dow93, DGM90, EASK14, ETW21, FLF+10, FWW13a, FWW13b, FWW13c, FL+19, FC98, FH18, Fenv01b, FBMA05, FR97b, Gaa04, GP92, GU95, GR99, GU16, GS00, GGF13, GG13, GPN96, GJS20, GZ10a, GS06, HIEH22,
HWW07, HC87, HM96, HBRV10, HP01, HP03, HK77, How96, HLN09, IIT13a, Iba97, IHEH23, Ier09, Ind97, IM13, ISHY88, JGMP22, Jan23, JM93, JP11, Jon07, KTP10, KSVJ15, KS07, Kas08a, Kas08b, Kas08c, KTS+98, KMS+03, KCK93, Kim99, KKNS23, KS11a, Kin89, KS05, KMP94, KD15.

pattern [Kos89, Kos94, KM13, Kri09, KKR+13, KGP+05, LLC03, LH13a, LH03, LS10, LS09, Liu81, LBK08, LO94, MCF+11, MCF+14, MK90, Man76, MMZ10, Mar07, MAI+16, MP05, MHM+01, MR09a, MR13, MA12, MPW21, Mun95, NYuR15, NNNSP22, Nav00, Nav01b, NR02, NWE99, NdMM02a, NR17, NK07, Nil90, OK94, OR11, Oph89, OSSK16, Ow93, PPTT15, Par98, PS90, PC99, Per94, PMS11, Quo92, RM06, Rus88, SRK20, SBB19, Sas79, Sch81, Sch91a, Sch91b, Sch88b, Sen00, SGYM00, SSL21, Sli77, Smi91a, SDS14, SGCW14, SHCY93, Spe85a, Spe85b, Spi99a, Sri93, Sto02, SALP20, SNM07, TZHY14, THQ19, TM04, TM05b, Tej20, Thi93, TIT83, IIT13b, TLS16, TJMC20, Val09, Van06, VV11, Via04, Vin77a, Vin77b, Vis90, Wad87, WCM+94a, WGMH13, WC14, WL15b, WZ96].

pattern [WW03, Wat03, Wea94, Yao79, YCJK08, ZC89, ZMAB03, ZA17, ZC009, ZCOZ12, dRL95, JD89, YIAS89, Ano97b]. Pattern-Based [EGP14, Far92a, Far92b, KS07]. Pattern-Directed [Kor83]. Pattern-Match [Pet92, GJS20]. Pattern-Matching [FR00, KPR97, KPR00, KR81a, KR81, KR87, KRS95, KRS97, KP93, KVX12, LY17, Lut02, MUHT96, NWE97, Ned98, Ott94, Poul93, SCFC94, Sch95, SSSS10, SW09, WM92b, CL96, GMC02, KN00, CF88, Dij97, Fri97b, Gaa04, 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, Prie17, SB09, TMV+01, ADT15, Alb89, AG06, BLR11, BH13, BS+07, BFS04, Bro77, CP10, Dan91, ETV88, IS96, JSH09, KPA10, KHI15, KRML09, LMM17, MR09a, NdMM02a, Tak93, VER92, Vou06, Wal89, ZKCY07, ZJL14]. payload [NNNSP22]. PCRE [Anoxx]. Pearl [KN12, ADU16, DA20, FH10, JR15a]. Pearls [Ben86, Ben90, Bir10].


Processors [HKL+14, RSG+19, LHCK04]. Processor-based [HCK04].

Production [AWS16, LY17, VCS+12, VSP08, YP13, TLLL09, YIAS89]. productivity [AP13]. products [Yod91]. Professional [HZ13, JNS08]. Profile [FhDAF09]. Profile-guided [FhDAF09]. Profiles [SB09, PJP+18]. profondeur [Alb89].

Processor [HKL+14, RSG+19, LHCK04]. Processors [AWS16, LY17, VCS+12, VSP08, YP13, TLLL09, YIAS89]. Production [DWE89, MUHT96]. productivity [AP13]. products [Yod91]. Professional [HZ13, JNS08]. Profile [FhDAF09]. Profile-guided [FhDAF09]. Profiles [SB09, PJP+18]. profondeur [Alb89].

Quebec [ACM94d]. Queries [AKT20, BYCMW94, BLLW12, CDLV99, CDLV02, FLS98, HJ99, Kin92, Sch22, WWW16, ADT15, Arn93a, Arn93b, BBG13, CJR21, CK02b, FWW12, FLC19, IKX15, KC15, LMRT14, MRA17, SVM14, ZXL13, ZCÖZ12]. Query [AAB17, FLS98, KM94, LLS20, AYCLS02, AL08, BLSS03, BFS00, CDL08, CMW87, FWDL15, HRN15, KNT15, KSH15, LRV13, MZZ10, PC02, QWX13, RM06, XQW13, ZCÖ09]. query- [FWDL15]. Querying [AGP18, BLR11, BLR14, CMNP17, KTY18, LM01b, LMV16, San15, TV14, CM95, GW92, LLS12]. Question [KKSLO1, AF98, CKC07]. Question-Answering [KKSL01]. queues [SWZ01]. Quick [Rob99a, Rob99b]. Quicksan [Sil77]. QuikFind [Cha91]. quirky [MLM98]. Quoted [PSK17]. Quotient [FPP08]. QVT [LLS12].
R [Hoc19, KW19, Liu14, Ram94, Val90, van14a, van14b, Lab12a, Lab12b].
R-Trie [KW19]. Rabin [GBY90a, GBY90b]. RAID [WOQ07]. Ramsey [Kun95]. Random
[Al94, NR21, RKK02, SD95, CAD18, CRV06, Jan23, Ron21, SN94, Yao79].
Randomized [AJS92, ACDO1, BST15, CGG15, CRV06, FWDL15, HRN15, KNT15, KSH15, LRV13, MZZ10, PC02, QWX13, RM06, XQW13, ZCÖ09]. range [HFI08]. Rapid
[CG97a, CG97b, Gt79, Bak78, AWS16]. Rapidly [Dav73]. RASSA [KYG19]. Raster [AG93a, AG93b, AG93d, AG93e, AG93c]. Rationale
[IEE01c, IEE01d]. Ratios [Huc21]. ray [SS93b]. RDF
[HRN15, KSH15, LRV13, LRSV18]. Re
[BvdM23, MCP17, ORT09, CRG02, CRG03]. re-examined [ORT09].
Re-examining [BvdM23]. RE-Tree [CRG02, CRG03]. Re-Vectorization
[MCP17]. re2 [Cox10b]. reachability [FWW12, GZ10b]. reachability-bound [GZ10b]. REACT [JLK+20]. Reactive [HFFA09].
Read [GMAS22, KYG19, FSL15]. reading [BGW12]. reads [FSL15].
Real [BG14, Gal76a, Gal81, HHH99, Kos94, MNR23, Sli78, Sli83, VSP08, BGM13, CM90, Gal75, NNSP22]. Real-Time
[BG14, Sli78, VSP08, Gal76a, Kos94, BGM13, Gal75, NNSP22]. Real-World
[MNR23]. Realization [CEW58, Kle56, TB00, XK92]. Rearrangement
[AAB09]. Reasoning [ADT15, GNV94, PSL88, BGGXP22, KS07, PS90].
Rebus [Gri85]. Recalibration [BM08]. recipes [B+05, Goo05]. Recognition
[ACR01, AW16, BG01, CFP19, CG87, CJ93, CTF98, CLF95, D23, Gal76b, GS93a, CVP86, LT90b, PDL98, PG90, SA96, WD99, Wol86, Ym01, AAB58, BGW12, Gal75, Gal76a, KSWC93, KKM06, KKM+13, Kin92, Sel84, SKS96, ZC89]. recognizable [HY92]. Recognized
[RJKe9]. recognizers [Fos89]. Recognizing [Ray96]. Reombiant
[Cop91]. **Recompression** [Jez15]. **Recomputing** [HPM94]. **Reconciling** [IM13]. **Reconfigurable**

[BM00, MLC08, NNSP22, ZL18, CMS08, Ram94, WK09]. **Reconstructing** [Wei83]. **Reconstruction** [Sha93, Sto96, NCV10]. **Record**

[Wei84, ACM69, ACM74, ACM76, ACM92a, ACM93a, ACM94a, ACM95a]. **Rectilinear** [GK86]. **Recursion** [Bir77b, AP13, BFS00, CM90, CMW87]. **Recursive** [FR00, FKP77, JD89, Dow93, GPR95b, HN90, Kra08, NT93]. **Reduce** [CKW09, SASU13, Har79, Kes79]. **Reduced** [TJD+17].

**reducibility** [KR95]. **Reduction** [KNMH00, She59, DWE89, RP95]. **redundancy** [Joh94b]. **Redundant** [RJK79]. reexamined [ORT08].

**Refactoring** [WGMH13]. refactorization [R´em17]. **Reference** [AS91, Bar90, FS19, WL15a]. referencing [Lar98].

**Refined** [Pet94, Sch88b]. **Refinement** [ASJDW21, ASJDW18, Mor90]. reflection [HS08, Mor02]. Reflective [Dwe00]. refunctionalization [RTO15]. **Regenerate** [RT18]. **Regex** [Ano10, BD1M16, CFLH+22, Kuk17, MNR+23, RV23, Sch13, THL+20, CS09, Sch12, BTTF02]. **Regexp-based** [BD1M16]. **Regex-dependent** [CFLH+22]. regexes [MM14]. **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, BL1M14, BDD+14, BR20, BC13b, Ber07, BGGN10, Bra94, BC94, BFS04, BMM1R19, BTC06, BK93b, BK92d, BK93e, Brz62, BP63, Brz64b, Brz65, CDLV99, CDLV02, Cam99, CST93, CZ01, Cha01, Cha02a, CLOZ04, COZ09, CJM12, CDJM15, CGR02, CJBW16, CHP92, CC97, CKW09, CGS17, CDC+23, CDL95, CDL99, CDPP23, Cox07, Cox09, Cox10a, Cox12, CS22, Dav99, Dav03, Dav04, Dav21, Dav22, DM11, EJ03, EU98, FFL98, FLS98, FU82, Fri02, FC04, GJ16, GRS99, GMM12, GN12, Ghi62, Gip21, GS22, Gil70, Gin67, Gol93, Goo05, GL12, GH13, GH15, HHH+13, Hab04, HM98, Ham88, HWW06, Han13a, Han13b, HWW03, HN11, HJ99]. **Regular**

[Hir96, Hol84, HK11, Hos06, HVP00, HP01, HP03, HVP05, HN00, HSW97, HSW01, Hum97a, Hum97b, Hum99, IY02a, IY02b, JLK+20, KT06, Kap69, KTU87, Kea91a, KP99b, KP99c, Kin92, KM92, KM95a, KL16, KM92, KN12, KV15, KZ02, KST12, LS99, LS06, Lar98, LKM23, Lec09, LZH98, LM01b, LTV15, LT16, LN19, LT09, Loh10, Mad01, MS98, Mag81, MNS10, MY60, MPN+14, MSZ17, MR09b, MPdS12, MGF97, Mye92, MOG98, NCJF18, NR99a, NR01, Nav01c, Nav04a, NR04, NR21, NH11, NM10, OS11, OW16, Org03, OF61, 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, SvS14, SL14, SL17]. **Regular** [TV14, TB00, Uma97, Urb23, VCS+12, VHC88, Wag74, WPKL13, Wat96, Wen93, WMM95, WZU14, XK92, XLC19, Yam01, YPG21, YP12, YQW+16, ZGS+15, ZMWL20, Zia96, dLFM07, vNG01, AFI98, Ano97a,
AGM05, AM95, Ant96, AOMC07, ACM02, ADU16, BYG96, BBG13, BAC12, BRL13, BdFED+20, BG91a, BDFFR08, BvdM17, BBvdM21, BvdM23, BS86, BNSV10, BFC08, BFG09, BG22, BMM21, BK86, Bra95, BH07, BKW92a, BKW92b, BK93c, BK93d, BK93e, BDM19, CS09, CGR03, CP97, CJR+21, CJGW13, CX20, Chi17, Cho78, CK02b, CLT07, CK08, CGPS13b, CGPS13a, CS11b, Cox10b, CDLM17, DL03, DF00, EZ74, EZ76, FL71, FDL+11, Fil21, FHW10, Fos89, FS19, Fri97a, Fri06a, GLR’11, GR92, Gef03, Gel10, GL03, GS07, GHR14, GMS12, GM17, GH09, HW07].

regular [HWW07, HY90, HSJ04, Hoc19, HW09, Hov12, Hun79, Jan85, JSH09, Jo96, Kah06, KR22, KS08, Ker07, KGA+12, Kin91, KM02, Lus00, Lus01, Lee82, LSO17, Lei80, Lei81, Lei85, LWS+16, Lif03, LR14, LM13, LNN16, LMS21, Lus94, MMDdJ11, Mci04, MR05, Mor02, MZZ10, MPW21, MM92, MNSP22, NT20, Nic03, PHXD19, PC02, PM14, PLT14, PIT+03, PPdG20, RT18, Rob79, Rom14, Ry98, Sak21, SCF+17, San15, SMS15, SGYM00, Sha88b, SY72, SH85, SM04, ST19, SSY19, SLZ+20, SMW+23, SMT+86, TN13, TN15, UIM22, Vou06, WXZY12, WL15b, WBS22, WW03, Wat03, WR15, XH23, XJ+04, Yam19, YKS11, YH91, YH92, YB13, ZCH16, ZC99, ZYX+12, tC09, Tho68, Ano12].

Regular-Expression [BTC06, Han13a, YQW+16, ORT08, ORT09, SCF+17, WR15]. Regular-like [BTC06, Han13a, ORT08, ORT09, SCF+17, WR15].

Reinforcement [KK02]. Related [CHZ06, AS85, Gro91b, Sri93]. Relation [KN12, MR92, Pre99, LSV08]. relational [BGHZ15, HC87, KWLL08, MZZ10, DWE89]. Relations [KAN+17, BLSS03, BO13, LLS12, MAI+16]. Relationship [KK92, GR92].

erelaxation [SHCY93]. relaxed [BYK22]. relevant [CDP16b, CD18].

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


Residue [BM00]. Resilient [ABBH+16, RMK+14]. Resistive [KY19]. resolution [OW03]. resource [FK96]. resource-bounded [FK96].


Results [FMM20, Lec95, WCM+94b, FL13, Sid99, Sid02, WCM+94a].

Retargetable
Retargeting [MFMA15, MFMA17].
Retrieval [BD90, BDB90, Gan99a, MR82, GHF83a, GHF83b, WNL+83].

Reverse [HL97, Rém17]. Reverse [RMK+14].
Reverse-Engineering [RMK+14].
Review [Ano97a, Ano97b, Ano12, Gue87, Hig95, Hum97a, Hum97b, Lab12a, Lab12b, Neu10, Poux97, Sal01, Tal81, Ull97, FL13]. Revised [A+08].

Revised [Nag21, AG86, CCI+13, GL01, RUG97].
Rex [Cam99].

Revisited [Nag21, AG86, CCI+13, GL01, RUG97].

Rewrite [KN00, Ram94].

Rewriting [AM95, CDLV99, CDLV02, Dur94, EZYA23, GHW05, Lav91, ND02, GMC02, KR95, PSK17].
Rewriting-Based [ND02].

Richness [QPWH08]. Richness-preserving [QPWH08].

Rigorous [Taf22].
Risk [Lut02].

Risk-Based [Lut02].

RNA [ABH+14, BA15, IMR08, MP05, SBHM94, Shi00, Shi04]. RNAi [QLY07].

Rome [AAC+01].

Routine [Fre78].
Routing [KKM+85, Sha88a].

Safety [FF08].

Safeguard [HS08].

Scalability [KNT15].

Scalable [ARS16, BAC12, BBHK14, BTC06, HSL10, JLL+20, LQL+16, LT16, MT14, RHR+21, SRV+19, VWR11, WGL+21, YP13, ZLN11, AB09, BGFK15a,]

SAR [MK02].

Saratoga [Kap92].

SASL [LT90a].

Satellite [SS93a].

Savage [Sal01].

Savage-Smith [Sal01].

Saving [Bre93, Bre96, GS80].

Scaffold [LJZZ13].

Safe [HS08].

Safer [Rém17].

Safety [FF08].

Salomaa [AF98].

Salute [FvGGM90].

Sam [Pik87, Pik00].

Samples [GZ94, ST96a, ST96c, Tak94, Kin91].

Sampling [FMP20, GPR95a, Lut02, Vis91, WSW16, CCR93, Vis90, ZHW12].
San [ACM92c, ACM92b, ACM93b, ACM95a, ACM95b, DT87, IEE94b, KP15, St92, USE92].
Sanitizer [VS11].

SANTM [TJGY22].

SAR [B+02].

Saratoga [Kap92].

SASL [LT90a].

Satellite [SS93a].

Savage [Sal01].

Savage-Smith [Sal01].

Saving [Bre93, Bre96, GS80].

Scaffold [LJZZ13].

Scalability [KNT15].

Scalable [ARS16, BAC12, BBHK14, BTC06, HSL10, JLL+20, LQL+16, LT16, MT14, 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, YDDB15, ALV92, HLN09, KKNS23]. Scan [MHI17, Gre88].
scanner [Hur84, ISHY88]. Scanners [HKR92]. Scanning
[AKW85, PWW+11, CWZ10, HFI+08]. SCCs [ZYQ+15]. Scenes
[BZ98, BSM+07]. scheduling [LMMN07, Mid98]. schema
[IIK08, MNS07, dLFM07]. Schemas [BGNV10, MNS10, KS07]. Scheme
[Bur84, FK16, JDXD13, Man94, Man97, Bur82, Kod79, KRL87, 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].
Scopax [ORPF13]. Score [Ben94]. Scores [CLST+13]. Scoring
[KK08, OSSK16]. Scotland [AOV+99]. Scottsdale [KLB12]. Scratchpad
[JT94]. screening [QPWH08]. Scrimsaw [Arn93a, Arn93b]. Scripting
[Fri97b, RB05, BFN+09, BH13, Bh08, FhDAF09, Han01, LS99]. scsh [Sar02].
SDN [AV23]. SDN-Based [AV23]. Search [AC75, HR02, BYKZ+92, Ber00, 
BK93g, Cal00, Cha91, EF13, FG98, FL99, G199, GG97, KR94, Lut02, Man86, 
MM96, NR99a, NR01, Pol01, Rob88, Smi91b, SED14, SOR16, SJNS19, SB09, 
Sun90a, Sun90b, Tay97, WWW+16, WTS9, YDDB15, Zha07, ZGS+15, AB09, 
AVN22, Bar84b, BC13a, BPA02, BC06, FG95b, FG95a, FG99, Git96, 
GHK14, HI16, JRV96, KW05, KJS17, KM84, LGZ+14, MRR+18, MKSiA98, 
NR02, OSSK16, QCC+13a, QCC+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, KBN09, MW92b, Men98, SMS15, WR15]. Searching
[BY89, BK93a, BPA02, BS97, BM77, Bur11, CFG12, CC97, CCL87, CR95c, 
Dav82, Dav73, EF95, Gon83, HL94, Hor80, HS90, HS91, Kn98, LD98, 
Man94, Man97, MNS84, Nav01c, NR03, Nav04a, NR04, PWW+11, PW12, 
Rai92, Reg92, Roo99, Ros05, Smi94, Ste94, TTS2, VSP08, ZMS93, AG86, 
Apo93b, AEMS14, Ayc15, BYG92, BYG96, BD80, Bar84a, CD96, CEMW91, 
FG9+08, GO80, HKN14, 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
[Dow91, TPT13]. secondary [BA15, MP05, AVN22]. Sections [DCM15].
Secure [BEM+12, BEM+13, EF13, HT14, SBB19, SJNS19, DA18, SCF+17].
Security [HL10, LN19, MW94, PP06, Rei03, SALP20]. sed [Dou91, Bar90]. 
seed [CCI+13]. Seeded [LPR+08]. Seeds [Zha07, FCLST07]. SEFT
dKM04]. segmentation [IIK08]. Segments [EIV04]. Seiki [SM04].
Selected [Cro92a, Mlo94, BW91]. Selection
[BT07, CMR18, Gie90, LH13b]. Selections [CvW18]. selectivity
[JKNS00, STKD20, TP07a, TP07b]. Self
[CG87, TJGY22, AGH+17, CADA18, JP11]. Self-attention-driven
SIGACT-SIGMOD [ACM83]. SIGACT-SIGMOD-SIGART
[ACM90a, ACM92b, ACM94c, ACM95b]. SIGACT-SIGPLAN [ACM87].
SIGAPP [DGBH93]. SIGART [ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, KLB12, LL08, Len11].

SigMatch [KTP10]. SIGMOD
[ACM83, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, FMA02, HF13, KLB12, LL08, Len11, SW94, Sto92, HF13].

SIGMOD-SIGACT-SIGART
[ACM83, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, FMA02, HF13, KLB12, LL08, Len11]. SIGMOD/PODS
[ACM87, ACM92a, ACM93a, ACM94a, ACM95a]. SIGPLAN-SIGACT
[ACM92a, ACM93a, ACM94a, ACM95a]. SIMD
[CFKT17, FPT22, JA17, JXA20]. Similar [BEL17, IK83, NEL17, HKN14].
Similar-String [IK83]. Similarity [CM94, MU02, AK09a, BSY00, IIK08, II08, JLFL14, QWX+13, TP07a, TP07b, WDG+14, WLF14, ZXL+13]. Simon [Han93]. Simple
[AR00, Bra94, BGM13, Cox07, Gaw12, GL89, IST05, MNS07, Mut00, NR03, Ris16, BBG13, CLS95, Eck89, Fla88, FHP92, IKX15, II86, NBY99c, Pet07]. Simpler [CH02, KC21]. Simplicity [Wol90, Edw07]. Simplified [FYJ+17]. Simplifying [KR22]. Simulation
[Du82, Giu73, Gri85, Liu86, Sch81, SiI77, Gri83, Pag78]. SNOBOL4/Icon [Gri85]. Snowbird
[BJK+12]. Soft [CKC07, How97, How96]. Software [Bee81, CS18, FO76,
Solaris

Solutions

Solved

Solver

Solvers

Solving

Sorted

Sorting

space-optimal

Space-Time

Spaced

Spectra

Spectrum

Speculation

Speculative

Speech

Speed

Speeding

spelling

spelling-correction

splicing

sprachsprache

X

Y

Z

Solaris

Solution

Solved

Solved

Solutions

Solved

Solving

Sorted

Solutions
RFD23, RNOM09, Sad96, SV94, STK10, SD95. **String**
[Shi96, Shi92, Shi97, Sim94, Shi83, Smi94, Spi99b, Ste94, SJNS19, ST95, ST96b, ST96c, ST04, Su71, TP97, TT82, TLC15, TVCM12, UW93, VMM15, VSP08, WT89, Wri94, YP13, YDW18, ZS17, ZS13, ZGS+15, ZMWL20, de 82, van14a, van14b, Aku95, ASM17, ACF05, AVN22, ALP04, AAK+09, AEK+11, Aoe89, AG86, AGMS14, AGW13, Ayc15, BFKL13, BYF96, BYP96, BD80, BSY00, Bak78, Bar84a, BR09, BKBB+14, BLPL92, BFG09, BFF+08, BG90, B91b, BCT93, Bre94b, B95, Bre96, BGM13, Bur82, BEL04, CADA18, CCF13, CL90, Cha93a, CDDM05, CW13, CW18a, CW18b, CN21, CFLH+22, CR87, CH92, CCG90, CD96, CM07, CG99, Dai09, DR06, Dec06, Der95, DC94, DNR06, DHP10, EMT23, FCLST07, FL13, FS22, Fen01a, FG95a, FMdB99, FG99, FGG+08, FBMA05, Fre03, FN04, FM06, Gal75, Gal76a, GS81a, GS81b, GS83, Gal84, GS86, GS87, Gal92, GRP95b, GGL94, Git96, GBY90a, GBY90b, GF08, GL89, GV00, GO80, GHK14, Han93, HY92, HFS05, HR03, HH93b, HH93c, HOK18a, HOK18b, HM00, HLS+11, HK77, HHL80, HF85, Hyy08, IP96, IMS97, Ind98, IS90, IL08, IA80, JL93, K695, JU91, KB22, K92, Kim99, KWL07, KC21, KNT11, KS96, KST16, KPA10, LV86a, LV86b, LV87, LV88, LV89, Lec07, Liu81, LHCK04, LT97, LLL13, Mae90, MNU05, M97, M97, Men89, Mho97, MM03, MM07, Mi99, MS95, Mus03, Mye99, Nak14, NHK+20, NBY99c, NRT00, N97, Nav01a, NF04, NT05, NC06, Neh06, NC92, PLL10, PA10, RUG97, Ryt80, RLP20, Sad93, SY23, STK06. **String**
[Sal12, SW90, SZ05, SMS15, ST96a, STK20, SG12, SR16, Sp99a, SV87, TYNM86, Tak96b, TBS06, THG17, TPT13, Ukk92, Ukk93, VL17, Vin77a, Vin77b, WDG+14, WL15a, WL14, WT88, XMLC11, Yao79, YTO3, ZJ20, b93]. **String-Based** [EZYA23]. **String-Manipulating** [VMM15]. **String-Matching** [BG14, CC+94, GS80, Gal95, JL96, Kha16, Les94, LY86, Moh97, Mut97, SL83, SP84, Cro92b, BR09, CCF13, CW13, CR87, CG99, DR06, Gal75, Gal76a, GS81a, Gal92, GPR95b, HY92, HR03, JL93, KST92, LHCK04, PLL10, TBS06, Ukk92, Ukk93, b93]. **string-pattern** [Kim99]. **string-searching** [Mho05, 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, Lut02, Shi96, SW09, Ver92, YQW+16, Zha17, ADR03, ADR06, BLS03, BFK+03, BC95, CD89, CR91, DGG+19, EH88, ETV88, FT95, GO12, JRV96, Jan23, KGA+12, KMP94, KR97, LMM17, LS10, LMS21, MC10, MC15, NR02]. **Strong** [BMIR19, GGM12, LS06, MCF+14, WD99, AW89]. **Strongly** [Dur94]. **Strother** [Tal81]. **Structural**
[BJ01, KWL08, Shi00, Shi04, BFS06]. **Structure**
[CG92, FMG23, Ga93, Les95, Pol13, SL18, TM+01, AP90, CRO3, CD96, FG95b, FG99, FLSS93a, FLSS93b, FMG22, KWL07, MP05]. **Structured**
Structures [Cha01, Cha02a, FBY92, GHLW15, G97, Gor00, GKW +10, LSW08, Lar99, Lec98, Les79, APTS13, ABH +14, BA15, GMC02, HN90, HTK +21]. stuck [AEK +11]. Students [DKA +15]. Studien [SM74]. Studies [JM55, SM56, SM74, SS93a, AVN22]. Study

CSY03, FTJ95, JM85, KP96a, MM02, MSZ17, OP16, PV91, Sca11, BG91a, Fen01b, KP96b, PSK08, Pep91, SFS96]. Studying [MGH93]. Sturmian [BR09]. Style [Cop91, BGWXP22, WW03]. studied [EMT23]. subexpressions [Fat15].

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, SFS96]. Studying [MGH93]. Sturmian [BR09]. Style [Cop91, BGWXP22, WW03]. studied [EMT23]. subexpressions [Fat15].

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, SFS96]. Studying [MGH93]. Sturmian [BR09]. Style [Cop91, BGWXP22, WW03]. studied [EMT23]. subexpressions [Fat15].

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, SFS96]. Studying [MGH93]. Sturmian [BR09]. Style [Cop91, BGWXP22, WW03]. studied [EMT23]. subexpressions [Fat15].
Switching [Hoa77]. Symbol [Rai99]. Symbolic
[ACM94b, Bro93, Cha86, GVD15, Har79, Lev95, Ng79, VHL+12, WN90,
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