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

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/
and
David Salomon
Professor Emeritus
Department of Computer Science
California State University Northridge
Northridge, CA, USA

04 March 2019
Version 1.148

Title word cross-reference

(l, d) [Tan14]. 1 [Mun07]. 2 [ASG99, BSM+07, BZ98, CR95b, KPR97, LT90b,
OND98, SHCy93, Via02, Via04]. $29.95 [Ano97a]. 3
[BSM+07, CJ93, LT90b, TCCK90]. $65.00 [Ano97b]. 2 [Ram94]. 33
[BGFK15]. 4 [ZLN11]. c [WD99]. cω [Rob79]. d [CGK08, CDEK95, dRL95]. δ
[CIL+03]. ε [HM98, Lif03]. K
[COZ09, ALP04, CW18, FWW13a, FGKU15, GG86, GU16, GGF13, Gra15,
GL89, HT17, JL93, KVX12, NYuR15, NR17, WD99]. L1 [LP08, LP11]. L2
\[ x^m y^n = z^p \quad [\text{NC92}] \]


.NET [AS04, SM04, Stu07].

'08 [ACM08].

1 [KJS17]. 1003.1-2001 [IEE01a, IEE01d, IEE01c, IEE01b]. 10th [PC99].
11th [GS00]. 12th [AL01, Bum94]. 13th [AT02]. 14th [AAC’01, BYCC03].

2L-approximation [KWL07].

3 [Ruc15]. 3.0 [BWN08]. 30th [IEE89]. 31st [IEE90, KLB12]. 32 [Gro91a].
33rd [IEE92]. 34th [IEE93]. 36th [IEE95a]. 38th [IEE97]. 39th [IEE98].

4 [Ano12, Bro77]. 40th [ACM08]. 4th [Apo93].

5 [B’05]. 50th [IEE09]. 5PM [BEM+12, BEM+13]. 5th [CG94b].
'79 [Ng79]. 7th [HM96, Hwa85, Win78].

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

'90 [ACM90a, WN90]. 90k [Gro91a].

MUHT96, ML96a, ML96b, Mye92, Mye98, NBY01, OR12, PS10, Pou93, PK85, RPE81, Sad96, Ski98, SW09, Sm90, Tak86, VB12, VB98, WPKL13, Wat96, WMM95, Yam01, Alb89, AGW13, BGJ89, BG90, Bre96, BC95, Cha93a, CLS95, CW13, CD96, CNPS15, CNS18, CR91, Dai09, DR06, DS04, Der95, Dow91, Gal92, GBY90a, GBY90b, GL92, Han93, HFS05, HR03, IKX15, IP96, I96, ISH98, KKM+85, KR89, KST92, Kim99, KKR+13, KIH15, LV86b, Lee82, Liu81, LHCK04, Maa06, MBY91, Mis03, MS95].

algorithm [Mye99, NRO12, Neb06, PLL10, PS90, Per94, Ryt80, SS94, SGY00, Sto02, Tak96b, Tak93, TZYH14, TM05b, TU88, Tho68, WW03, Wat03, YT03, YHV†15, ZC99, dB93].
algorithme [Alb89].

Algorithmic [ABBH†16].

Algorithms [ACM97b, AHU74, ALR08, iA94, ADLM96, BY96, BL94, BS07, BH02, BJM97, BCFL12, CL92, CHL14, Chu95, CHZ06, CL90, CR92, CCG†94, DB86, FL12b, Gal76b, GG97, GS85, GG97, GS86, GG97, HH93a, HH93b, HH94, HH95, HH97, IET90, IET92, IET93, IET95a, IET97, IET98, IET09, KUS01, KUS01, LM07, LM08, NA90, SW93, TPT13].
algorithms [Tan14, THG17, Val09, VHL†12, WZ96, A†08, Len93, Ano97b].

Aligned [LSTW†17, SN94].

Alignment [BL94, Ben94, BDFW94, HP94, JW94, KK08, LPT12, LP**8, Pol13, RN97, CLT07].

Alignments [Cha94].

All-Against-All [LA12, BSTU08].

Allocation [VSM87, YD95].

Allowing [FNU02, CCF13, WM92a].

Almost [CGPS13, GR99, LMM17].

Almost-linear [CGPS13].

Almost-optimal [GR99].

Alphabet [AFM94, A94a, CR95b, KR94, KRR17, TP97, AFI98, AGM05, GP92].

Alphabet-Independent [CR95b, KR94, GP92].

Alphabets [Bre94a, CL98, Fre02, KT06, KST12, STK10, Cro92b, Fre03, YHV†15].

Alternating [BL16].

Alternative [Bar81, JW94, AP90, Fat15].

Alto [IEE93, IEE98].

always [LMM17].

Amar [Neu10].

Ambiguity [MG93, SL17].

ambiguous [NdMM02a].

American [NEH90].

Analyses [WH97].

Analysing [HH93a, HH93b].

Analysis [AHU74, A92, BBH†87, FO76, GBY90a, KR92, Les95, Liu88, LS94, Par96, Par98, SJ13, SCFC94, Sc11, SWZ01, WCW82, Yan95, DS94, GL90, GBY90b, HV93, MAC14, MP90, MLM†08, NA90, SW93, TPT13].

analyst [ZV97].

analytical [Bar84].

analyze [CFM00].

analyzer [ZGB85].

Analyzing [HSTS01, MNNS12].

ands [Edw07].

animate [BY96].

annotated [GGN06, RH81].

annotation [YCJ08].

Annual [ACM81, ACM87, ACM92a, ACM93a, ACM97b, ACM00, ACM08, AP10, AH97, AT02, FC98, FL08, FJ92, GM11, HM96, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE09, KS12a, KU99, Len93, LV06, MZ07, NEH90, ACM74,


Batched [Man86]. Bayesian [SD91].

Bayesian [SD91]. Bulk [Cox07, LY86, PW93, Sch91a, Sch91b, AK91a, AK91b].

Beach [HM96, CVP86, IEE97]. Beating [ZGY+16].

Beating [ZGY+16]. Beating [THG17]. Beating [ESL89], Beginning [JNS08].

Behavior [CDM11, Wei83, LYWL08]. Beijing [ACM07, Bao93].


Best-First [BK93d]. Bidirectional [KH06, KST16].

Big [Sch81]. Billion [SWW+12].

Bitwise [KF91]. biXid [KH06]. Blackboard [DJ96]. BLIM [Kül10].

Bloom [MA12, ZS17]. Bloom [Neu10, ABM08, ZMAB03].

Boyer [Ber00, Col94a, DR06, EMC96, Gal79, NT05, Ryt80, STK10, Tu93b, WW03].

Brain [TMV+01]. Brains [Joh01]. Branching [Dur94, BK86].

Branching [Dur94, BK86]. Bridging [BGJ01]. British [ACM92d, ACM93, MG94].

Bruitj [Sri88]. Brute [GHK14]. Brute-force [GHK14]. BSR [Sto96].

BST [SCFC94]. BUFFERS [Duf82]. Building [BC06, GHK+91, DF00].

Burrows [Neu10, ABM08, ZMAB03]. Buses [KRL87]. Business [BJK+12].

Buts [Edw07]. BWT [AMB+02, FBMA05]. BWT-transformed [AMB+02].

byte [TMK+02].
Cache-Oblivious [FV16, HLS+11, TLC15].

Caching [PS10, RT17].

CADE [Bun94].

CADE-12 [Bun94].

calculi [Dow91, Dow93].

Calculus [For02, CFK07].

California [ACM69, ACM86, ACM92c, ACM93b, ACM95a, ACM95b, HM96, IEE93, Sto92, IEE98, USE92].

Call [Jon07, MCP17].

Call-pattern [Jon07].

calls [FF08].

Camera [LT90b].

Can [Cal00, Cox07, Sch91a, Sch91b].

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

Candidates [MUHT96].

Cannot [LY86, PW93, JL93].

Capabilities [Aku94, Aku95].

Cares [BL94, KR97, MBY91, NR17].

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

Care [Aku94, Aku95].

Cares [BL94, KR97, MBY91, NR17].

Carte [TL12].

Cascaded [GC01].

CASCON [BGG+94].

Case [CCL87, FTJ95, Gal79, JM85, PV91, Shi92, BG91a, Duf82, Fen01b, GF08, HKN14, KT90, Quo92, SCF94, SKS96].

Cases [ALLL98a, ALLL98b, BAC06].

Categorical [LT90a, TG96].

Characterisation [KST12].

Characteristic [ISNH94].

Characteristics [HH83].

Characterization [HEWK03, BCG07, IMS97, VW11].

Characters [Aku94, Aku95, Mha05, GH82].

Charleston [ACM93a].

Chart [Mu 95, MuT95, Mun95].

Charts [GM02].

Checking [FF08, Gin67, HN00, MW94, NR012].

Chemical [Les79].

Chicago [ACM06].

China [ACM07, B+02].

Chinese [GWvG10, GH82, HZ13].

chip [CDC96, SV87].

Chips [TLC15].

Choices [LD10, LS99].

Choosing [LLL12].

Chord [YJ84].

Chromosome [KS94].

Church [KKM+85].

Circuit [PM78].

Circuits [Brz64a, Brz65, FU82].

Circular [CHL14, HT17, LA12, Boo80].

cities [Joh01].

Class [CGS17, EU98, Kin92, Kul11, SA96, Sch13, BAC06, CRV06, Kod79, Pie08, Wa89].

classes [Lei85].

Classic [HSTS01, RB05, MAC14].

Classification [Bon07, Lee91, WZJH12, LMT16, TZH+13].

Clients [CDM11].

clone [DN06, Joh94a].

Closed [Kul11].

Closed-Class [Kul11].

Closest [KF91].

Closure [LMN16, AS85, Jed87, Lee82, LH03].

Cloud [CFM17, CDM11].

clouds [SCF+17].

cluster [MM03].

Clustering [LSTW+17, KAT07].

Coconut [AK09b].

Code [AGT89, Cox12, Fra83, GH82, GHF83a, GHF83b, Gie90, ND02, RTO02, SED14, VSM87, WHZ+17, WNL+83, AG06, BDB90, CLS95, FHP92, Gam89a, GHS82, HV93, MSRR00, NAR08, OW07, Rém17].

code-generator [FHP92].

Coded [BG95, Chn95, BC95].

Coder [MP88].

Codes [YK11, Bra90, Mei08].

Coding [CW84, Dav73, JSC83, Kid09, Ind97, MP88, Shi97].

Cognitive [PW06].

cohabit [Wad87].

coinductive [HN11].

Collage [IST05, KMT+01, KMS+03].

collections [BC13a, CHLS07, CMR10, HA102, WL15a].

Colony [ACM83].

Color
Columbia | ACM92b, ACM08, MG94 | Com | Lia84 | Com-puter | Lia84 | Combating | KEG+08 | Combinations | Km05 | combinator | Sta89 | Combinatorial | Ano17, BM08, Cro92a, GIMV03, Mei08, SLTB+06, Val09, WCM+94a, WCM+94b, CDDM05, HL09, AL01, AP10, Ano92b, Apo92, Apo93, AT02, ACP05, BYCC03, CG94b, FC98, FL08, GU95, GS00, GM11, HM96, KS12a, KU09, LV06, MZ07, PC99, SMD04, Lab12 | combiners | LT90a | Combining | Ber00, JA17, HBRV10, NR00 | command | Blu08 | Comments | Akl78, ZZ12, Gro91a | Common | Ale94, IF94, DK13, FGKU15, Gra15, Maa06, Mid98, TU88, Mu95, MuT95, Mun95 | Commonwealth | ACM89 | Communication | Bao93, HSL10 | Commutative | Eke95, HY92 | Compact | Asp12, HAR10, NR01, Ric79, YP12, ZZH16, BFC08 | CompactDFA | BBHK14 | Comparative | JM85, PSK08 | Comparator | Bur84, Bur82 | Comparing | Hua94 | Comparison | BCT98, JTPU96, Lav91, de 82, Bar84, BCT93, CT96, ECSS88, FBMA05, SVS97 | Comparisons | Bre39, CL92, GPR95a, Liu86, Bre96, PW06 | Compatible | LT09 | Compiler | AJ89b, GH82, Pet92, vNG01, AJ89a, FKSBO6, HFW90, Jr92 | compiler.kit | Abb77 | compilers | BGNP94 | Compiling | AU72, AU73, PS93b, Sch99, GHR+16 | Complement | GN12, Rob79 | Complete | Ano68, BBH+87, Pet02, Kin91 | completeness | TCC91 | Complex | Gor00, LR14 | Complexité | Alb89 | Complexity | ABBH+16, BKLP97, BDFW94, BCT94, BCT98, Col94a, CHPZ95, CH97a, EZ74, GG91, GG92, GK86, GH15, Hei01, HK11, HSTS01, KLH16, MNS10, Mor83, NR518, RS98, Akl78, Alb89, AK12, CGK08, CH92, CGG90, FCFM00, FK96, KS07, LM12, LM13, LNMN16, Mag81, Man76, NF04, P89, PAG09, Sal12, Via04, Yao79 | components | CFM00 | Composite | XK92 | composition | SV09 | Comprehension | BLS+94 | Compress | GH82 | Compressed | BR09, BA16, BKLP97, CHLS07, CLS+10, CHP92, FT98, FV16, FT04, GP01, GP03, Gav12, Gaw13, GV00, GV05, IST05, KTSAA99, Kid09, KS05, KS06, LSW08, Loh10, Man94, Man79, MHT09, MMH+01, NR99b, Nav01c, Rao95, STSA99, TMK+02, YK11, ZMSD93, ABF94b, BCD98, BFG09, BB12, CP97, FT95, GR99, GO12, HHSLO6, KTS+98, KMS+03, NKT+01, NT05, SNZB00, TM04, TM05b, TM05a | compressible | BFKL13 | compressing | WL15a | Compression | ABM08, BC13b, 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, ASG99, AGS96, BFNP10, Cha93b, CDC96, CL96, How96, Lar99, OW03, QZC17, RTT02a | COMPSAC | IEE95b | computable | EHS88 | Computation | Bro93, COZ09, Cha86, Lev95, Ng79, Rao94, WNM90, CCI+13, Han02, Maa06, NA90, P93a, QZC17, Tak96b, YT03, ACM94b | Computational | Gus97, Lab12, HN11, Val90, Via04 | Computationally | HT14 | Computations | FKP77, CR91, NEH90, Pra97, PCS99 | compute | MS95
Computer [ACM89, AHU74, Bao93, Cop91, FJ92, Gus97, Hea71, Hwa85, CVP86, IEE90, IEE92, IEE93, IEE95a, IEE95b, IEE97, IEE98, IEE09, Ku05, Kuhl79, Ruc15, SS93a, Coo86, Fat15, II09, Ker04, SS94, VVV04, Win78, iA94, KP15]. Computer-Recognized [RJK79].

Computing [ACM69, ACM74, ACM81, ACM84, ACM86, ACM90b, ACM91, ACM92d, ACM94d, ACM95c, ACM97c, ACM99b, ACM00, ACM08, CVP86, CZ01, Cha94, DT87, DGBH93, FYJ+17, HM98, HM87, ISNH94, LK90, Rot91, RW10, Wof90a, BGNP94, BC95, IP96, LK88, Wi90b].

Concatenation [CGS17].

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

Concepts [BGJ01]. Concise [BNSV10, NdMM02a, Yod91]. Concrete [JD89].

Concur [SBF80]. Concurrent [GR92, Pel87, SBF80, FBN+09, JM90, YT03].

condition [Han92, KT90]. Conditional [DJ96]. conditions [Edw07].

Conduct [NCKL14]. Conference [ACM89, ACM92c, ABB93, AGS93d, Ano87, AOV+99, Bao93, B+02, Bun94, FMA02, CVP86, IEE94a, IEE94b, IEE95b, KP15, MG94, SW94, Sto92, SC93, SC95, SC96, SC98, SC99, SC01, SC02, SC03, SC04, SC05, SM09, SM10, SM11, USE92, DT87, ACM69, ACM74, ACM76, ACM81, ACM92a, ACM93a, ACM94a, ACM95a, AGS93a, AGS93c, AGS93b].

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

Conflicts [YD95]. Conjunctive [CDL08, FLS98]. connected [Joh01].

connectivity [Sri88]. conquer [SW12, SHY93].

constructive [Kar82]. Constructing [IY02, Lei80, JRV96, TU88, TTHP05]. Construction [BP63, BH96, DPK+11, FCFM00, Koe94, Mei08].

Constructions [Ant95, Ant96, Che96]. constructive [Tak96a]. Containing [HJ99, CFM00].

Containment [LS98, CDL08, HN11, SH85]. context [LMT16, MLC08, TLL09]. content-based [MLC08]. Context [CK02a, Ha91, Hu94, Kea91a, SBHM94, SA96, KGA+12, MYe95].

Context-Free [SBHM94, KGA+12, MYe95]. Context-Sensitive [SA96].

Continental [Bao93]. Continuous [SBF80]. Control [Bao93, MUR95, MuT95, Mun95]. Controlled [NAR08].


Cookbook [ST03, GL12, Ano12]. coordinated [Mid98]. coordination [CFM00]. copattern [RT05]. coprocessor [TLL07].

Core [CW13, NK07, PLL10, TM05b, TZH+13, TVCM12]. Core
Cores [LSTW+17].

Cores-based [IIK08, II08].
correct [Ryt80].
Correcting [Kuk92].

Correctness [Sto02, SBR*07].
correlated [SWZ01].
Correlation [KC99, Sha93, WZJH12, PPZ08].
Correspondence [Sp99b].

Correctness [IIK08, II08].
corpus [IIK08, II08].
correct [Ryt80].
Correcting [Kuk92].

Correction [And02, Bur84, JP73, RJK79, Wag74, BSY00, Mae90, MS95, TIAY90].

Corresponding [Lif03].

Corrigendum [FLSS93a].
Cortical [TMV*01].
correct [Ryt80].
Correcting [Kuk92].

Correctness [IIK08, II08].
corpus [IIK08, II08].
correct [Ryt80].
Correcting [Kuk92].
Correction [And02, Bur84, JP73, RJK79, Wag74, BSY00, Mae90, MS95, TIAY90].

Correctness [Sto02, SBR*07].
correlated [SWZ01].
Correlation [KC99, Sha93, WZJH12, PPZ08].
Correspondence [Sp99b].

Correctness [IIK08, II08].
corpus [IIK08, II08].
correct [Ryt80].
Correcting [Kuk92].
Correction [And02, Bur84, JP73, RJK79, Wag74, BSY00, Mae90, MS95, TIAY90].
MK90, MHT09, NWE99, NdMM02a, NK07, Owo93, PAMP12, PDC94, QLY07, SA96, SWW+12, TZYH14, Yun12, AB09, Aoe89, CPT92, CRR03, CW13, CD96, Cox10b, ESL89, FNP09, FHP92, GPR95b, GL89, GLS92, LV86b, Lee82, Maa06, NAR08, PLL10, QWX+13, ND17, YKGS11, YB13, YHV+15, ZKA12, ZYX+12. **Efficiently** [ADR15, DF00, Kim99].


Email [WR15]. Embeddable [Fri97b]. embedded [TLLL07, TLLL09]. Embedding [BDFR08, Fu97, ZC ¨OZ12]. embeddings [CMO+08].


Encoding [HAR10, KR92, RTT02b, Yun12, FDG+11, KR89]. encrypted [HH16, OSSK16, WR15]. ends [ESL89]. Engines [ABBH+16, TBS06, ZV97].

Ends [ESL89]. Engine [CZCD09, Hab04, VCS+12, BC06, CW13, WL15b]. Engineering [Bao93, CFKT17, FHP92, IEE94a]. Engineers [NEH90, Lut02]. Engines [ABBH+16, TBS06, ZV97]. enough [MR09a]. ensembles [Alb89]. entails [Kar82].


Evaluation [BC13b, Cha02a, D’A98, GL01, Ses96, VB98, YJ84, ADR03, ADR06, BSY00, Chi17, CD89, DR06, Hurr4, Jay92, JLF14, Jor92, KEG+08, MM03, PSK08, Smi91]. even [LR14]. event [CK08]. event-processing [CK08]. Events [CEW58, Kle56]. EventScript [CK08]. everyone [Nar91]. Evolution [Hu89]. evolvable [LLC03]. Exact [AOK02, BCT94, CHL14, CHPZ95, CH97a, FL12a, FNU02, GG91, GG92, MII17, MA12, PP09, ABH+14, Bak78, CH92, CG90, DHPT10, FL13, HTX17, Kar82, Lec07, NF04, QWX+13, Tan14, THG17, TZH+13, YHV+15].

exact-match [Bak78]. examined [ORT09]. Example [Qui02, Qui00]. Examples [Bra94, BC94, KK08, BGHZ15, GHS12, Kod79, SG12, SG16]. exchange [AL08, HSL10]. **EXE** [CGP+08]. execution [Han92, MZZ10].
Exercise [Wen93], exercises [BH07]. exhaustive [IM13, KJS17]. Exit [MOG98]. Expanding [Ham88, VHC88]. Expansion [CF85, Gue90].

Expect [Fri97b], Expected [KU99, CL90]. experimental [GHS82].

Experimental [ACR01, GIMV03, HBRV10, Lec95, JFL14]. Experiments [Lec98], experts [B+07]. Explicit [For02, CFK07].

Exploiting [Kul11, MKF91, KKM+06, Rém17]. exploration [SW12].

explosive [Ker04]. Explore [Cop91]. Exploring [CMRV10, YB13].

expressibility [tC09]. Expression

[Anoxx, Asp12, BC13b, Bon07, BTC06, CZ01, CJBW16, CKW09, Cox07, Cox09, Cox10a, Cox12, Dav99, EU98, GJ16, GRS99, Go93, Han13a, Hol84, Ier09, KM92, KM95a, KN12, Lee09, LT16, MPN+14, Mye92, MOG98, NR99a, NR01, Nav01c, Nav04a, NR04, PPA10, Ríc79, Sca11, SM99, SL17, VCS+12, WPKL13, WMM95, YP12, YQW+16, vNG01, BAC12, BvdM17, BFC08, BFG09, BFS04, BH07, COZ09, CJBW13, Chi17, CLT07, CGPS13, Cox10b, DF00, FDG+11, Fos89, Goo05, HN11, Hos06, HVP00, HP01, HP03, HVP05, KS08, Kar82, Ker07, Lee82, Lei80, MM14, ORT08, ORT09, PCS99, RTO15, SJ13, SCF+17, Spe85, Stud03, Stud07, Tho68, WL15b, WW03, WR15, YKGS11, YCJ08, YB13, ZH16, Zia96, ZC99, ZX+12, dLMF07].

Expressions

[AM91, Ano68, Ano12, Ant95, Bae94, BF97, Ber00, BGNV10, Bra94, BC94, BK93a, BK92c, Brz62, BP63, Brz64b, Brz64a, Brz65, CDLY99, Cam99, CSY03, Cha01, Cha02a, CLOZ04, CJM12, CDJM15, CGR02, CHF92, CG97, CGS17, CDL95, Dav03, Dav04, DM11, FLS98, FU82, Fri02, GGM12, GN12, Ghi62, Gil70, Gia67, GH13, GH15, Hab04, HM98, Ham88, HWW06, Han13b, HJ99, Hír96, HK11, HSW97, Hum99, IY02, KT06, KU87, Kea91a, KP99b, KP99c, Kin92, KV15, KZ02, KST12, LS99, LS06, LHZ98, LM01b, LT09, Loh10, Mad01, MNS10, MY60, MR09b, MPdS12, MGF97, Org03, OF61, Pak91, PM78, Pat71, Pet02, Pre99, Ray96, Rez92, SA96, Sch99, SSSS10, Sou99, TV14, TB00, Uma97, VHC88, Wen93, WZU14, XK92, Yam01].

Expressions [ZGS+15, AFI98, Ano97a, AM05, AM95, Ant96, AOMC07, ACM02, BCG07, BYG96, BRL13, BTG83a, BTG83b, BG91a, BDFR08, BS86, BNSV10, BK86, Bra95, BK93c, BK93b, CGR03, CP97, CK02b, CK08, DL03, EZ74, FL71, FH10, Fri97a, Fri06a, GLRA11, GR92, Ge10, GL03, GL12, GMS12, Go90, Gue90, HW07, HY90, HWJ03, HS04, HN00, Jan85, JSH09, Joh09, Kah06, KGA+12, Kin91, Lar98, Lau00, Lei85, LWS+16, LR14, LM12, LM13, LNM16, Lus94, Mag81, MMdJ11, Mor02, MZZ10, MM89, Nic03, PC02, PIT+03, Pra97, Rob79, Rom14, Ryt89, San15, SMS15, Sha88, SY72, SH85, SM04, Stud07, STM+86, XJT+04, YH91, YH92, tC09, Hum97].

Expressive [BLLW12, HS08, MFRW09]. Extend [Cal00, dLMF07].

Extended

[Ano68, BK93a, CTF+98, Gon02, HY90, HL97, KV15, KZ02, NR98, Yam01, YH91, YH92, AM95, BK93b, CM95, GV00, JM93, Rob79, SMT+86].

Extendible [vNG01]. Extending

[AS04, DJ96, Jan85, Kea91a, MSRR00, PMS11, WLF14, Bak78]. Extensible

F [Ano97a]. FA [CKW09]. faces [KSWC93]. Factor [ACR01, YQW+16, BH96, HM00]. factored [Gue90]. factoring [DRSS96].

Factorization [KKP16]. FAdo [MR05]. fairness [MMDdJ11]. Fall [KOI94].

Fall-in [KOI94]. False [Mut97]. Fascicle [Knu05]. fast [ADR03, ADR06, BYP92, BYR93, BYP96, BYN98, BC13b, BS97, BFC08, BM77, Bre95, BL16, BFK+03, Bun95, CR95a, Chn95, Cob94, CP10, Cox97, CCG+99, FL12a, Fen01a, FNU02, Gal76b, GS80, Gia93, Gil85, HAR10, HS91, KST94, KKSL01, KMP77b, KMP94, KMP77a, KVY12, KNMH00, KRML09, LV89, Lec07, LT16, LCL06, Man94, Man97, MUHT96, MPN+14, Mon17, Mye98, NR98, NBY99a, NRY99a, NR00, NR01, Neb06, Ott94, OM88, PPA10, Quo92, Sen00, ST96a, SNZBY00, Sun90, Tar81a, Vis91, WM92b, WM92a, YKGS11, ZS17, Zha17, AK08, AG84, CDC96, CNPS15, CCG+93, Coo89, Der95, DC94, FG+11, II86, KTP10, LHCK04, Mye99, NBY99c, Nav01b, PS90, RM06, RW10, SW90, Tak93, TLLL09, Vis90, WL15b].

Fast [ASM17, ALP04, AKT06, BYN96, BYN99, CH02, DGM90, DGM94, Fre02, GZ94, HN00, Ind98, KNT+01, SB09]. Fastest [Col94b].


FFT-based [SZ05]. Fgrep [Ash85]. Fibonacci [IMS97]. field [WSW16]. fields [CRV06]. Fifth [ACM06, ACM93b, AOV+99]. Fighting [ZGY+16].

File [IK93, Man94, Man97, All82, KCK93]. Files [BH85, BBH+87, Man86, Pol01, TMK+02, ZMSD93, CEMW91, TM05b, TM05a]. Filter [CCH09, FUK98, KNMH00, CMS08, ZCS98]. Filtering [KVY12, KRML09].

Filters [WZJH12, ZS17, HOs06, MA12]. Filtration [PW95, ST96b, LLL13].

Finding [ALLT11, Ben94, Hig86, Iba97, KS11a, KF91, PRU11, VB98, ZD95, GHST17, LMM17, Lee82]. Finite [Ant95, Bow87, CLOZ04, CM58, FG89, Ghi62, Go93, GH13, GH15, HSW97, JA17, KPR97, KPR00, KV15, LY86, Mel95, Pet92, RS59, vNG01, Ant96, BFDR08, BK93c, Gaa04, HW07, Hur84, Kle56, Kod79, Lei80, MMS14, Ryt89, SLTB+06, SH85, VHL+12, WV11].

Formalisation [WZU14]. formalism [CM90]. formation [Fos89].
Formulating [JM85]. Fortran [PCS99, Wea94].
Forward-Branching [Dur94]. foundation [Pie08].
Foundations [AAB17, IEE89, IEE90, IEE92, IEE95a, IEE97, IEE98, IEE09, Win78].
Four [Mye92], Fourteenth [ACM87, ACM95b]. fourth [ACM92d, A+08].
FPGA [LT09, TK07, YP12]. FPGA-Based [LT09, TK07]. Fragmentary [HSTS01].
fragments [All82, KMMPN85]. Framework [DJ96, KK95, AS04, BKLE18, BY96, DLF+15, KKM+06, KMS+03, TZH+13, ZKA12].
France [Bun94, KU90, Ng79]. Francisco [ACM92c, ACM95a, DT87, KP15, USE92].
fraud [VD17]. Free [GJ16, HM98, HWW06, Han13a, HSW97, Joh69, SBHM94, HWW07, HY92, HSJ04, KGA+12, Li60, Mye95, tC09].
FREME [WL15b]. French [Alb89]. Friedl [Ano97a]. front [JLHB92].
Frontier [CHZ06, D’A98]. Fukuoka [AT02]. full [KWLL08, OKT92]. full-text [KWLL08].
Finally [CDL95, IST05, GR99]. Function [AK09b, MCP17, Ric79, CT96, FF08, GT90].
Functional [ACM92c, Bir10, BK89, Hud98, Pou93, Che08, FHW10, HJW+92, Mal93, OR11, Sch88].
Functions [Sch91a, Sch91b, Dow93, K0d79, Yod91]. functors [dSMY15].
Fundamental [Sym85]. Further [Gro91a]. Fusion [SdM01]. Fuzzy [GJ16, GN01, BC13a, WSS94, WLF14].

G. [Akl78]. Gabriel [Lab12]. GADTs [KSVJ15]. gains [KGP+05]. Galil [Ano97b].
Gap [BGJ01, KM92, KM95a, ZKCY07]. Gaps [CIM+02, BGWW12]. Gases [Mun07].
gear [WOQ+07]. gear-shifting [WOQ+07]. Gender [Pak91]. Gene [Bon07, YCJ08].
General [MR92, NR99b, VCS+12, AAB+86, Cha02c, Sch91a, Sch91b, ZHWW12].
general-purpose [AAB+86, Sch91a, Sch91b]. Generalization [Shi00, Shi04].
Generalized [Abr87, BK86, GL86, Ham88, Hei01, Hir96, Hol84, MAI+16, OP16, VHC88, Wen93, FL71, Kin91, SW90]. Generalizing [SKS96].
Generated [AK09b]. Generating [CGP+06, Jor92, Knu05, BJK+12].
Generation [AGT89, GFH82, GWV10, HKR92, Ker04, Pat71, SY72, BDB90, BA06, FKS06, Gan89a, GHS82, KKP92, MSRR00, SMS15].
generative [KS90]. Generator [VSM87, CLS95, ESL89, FHP92].
Generators [FRA83, GHF83a, GHF83b, WNL+83, Gan89b]. generic [ZKA12].
Generic [GCC1, RND97, MMDDJ11, Sel84]. Genomic [CC109].
Geometric [AK09a, CK92, CDEK95, Ukk10, AK08, FMdB99]. geometrical [Akl78, HLN09, Man76].
geometrically [NA90]. Georgia [ACM99b, EIE09, ACM83]. German [SM74].
Germany [ACM87, AGS93d, Len93]. Gestalt [RM88]. Gibbs [CRV06].
Given [AW89, Lei80]. Glanville [MSRR00]. Global [ZCS+12]. Glossary [ZV97].
[LK90, VCS +12, LK88, TLLL07, XMLC11]. **High-Throughput** [BTC06, LPT12]. **Higher** [HW12, KU99, SdM01, Chl08, NRO12, OR11, Pie08, Zei08]. **Higher-Dimensional** [KU99]. **Higher-Order** [HW12, KU99, SdM01, Chl08, NRO12, OR11, Pie08, Zei08]. **Highly** [BKLP97, GHK +91, NEL17, BFKL13, CDC96, MAC14]. **highly-threaded** [MAC14]. **history** [Ritxx]. **HMM** [SB09]. **Holism** [MMZ10]. **Holistic** [BKLP97, GHK +91, NEL17, BFKL13, CDC96, MAC14]. **highly-threaded** [MAC14]. **Host** [ZS13]. **Host-to-Host** [ZS13]. **Hotel** [ACM83, Bao93]. **Hough** [KC87, SA77]. **HTTP** [BBK12]. **Huffman** [DS04, FT04, KS01]. **human** [KSWC93]. **Hy** [Lia84]. **Hy-phen-a-tion** [Lia84]. **Hybrid** [BKS02]. **Homology** [Zha07]. **Hong** [B +02]. **Honnef** [Len93]. **Horspool** [Neb06]. **Host** [ZS13]. **Host-to-Host** [ZS13]. **Hotel** [ACM83, Bao93]. **Hough** [KC87, SA77]. **HTTP** [BBK12]. **Huffman** [DS04, FT04, KS01]. **human** [KSWC93]. **Hy** [Lia84]. **Hy-phen-a-tion** [Lia84]. **Hybrid** [CLP95, LZHZ98, SF01, SW09, VB12, Gri85, LLL13]. **HydroJ** [LLC03]. **hyogen** [SM04]. **Hypercube** [Les94]. **Hypermedia** [LZ96]. **Hypertext** [ALL97, ALL00, Nav98, PK95, Nav00, SD91].

**I/O** [PSK08]. **IBM** [HKL +14, Wei84]. **ICL** [CPW88]. **Icon** [Gri83]. **Iconic** [GL86]. **ID** [BCD98]. **Ideas** [Bee81]. **Idioms** [KKM +06]. **IDPM** [LJH +17]. **IEEE** [Bao93, CVP86, IEE09]. **ifs** [Edw07]. **II** [AU73, OSM94]. **Illinois** [Hwa85]. **illustrating** [HWF90]. **Image** [How97]. **Images** [GR96, KPR97, KPR00, KS06, How96, KS05, YCJ98]. **Imaging** [AGS93a, AGS93c, AGS93d, AGS93b]. **immersion** [HFI +08]. **impact** [NEH90, NCV10]. **Implement** [Cha01]. **Implementation** [Bar81, Gim73, Har71, HOS85a, HOS85b, MHT09, RND97, Vin77a, Vin77b, Yun12, Aoe89, AG84, Bro77, MK90, NK07, PLL10, PD12, PCS99, ZYX +12]. **implementations** [Nak14]. **Implementing** [AM91]. **Implication** [LS10]. **Implicit** [Cha01]. **Imply** [Gal76b]. **important** [Jed87]. **Improve** [Bon07]. **Improved** [BFG09, CMO +08, CM08, GGS6, GP90, Han13a, IS86, KV15, KZ02, LSW08, LJJ +17, Nav98, Nav00, Pol13, Tan14, BC95, Oph89]. **Improvement** [Cha87]. **Improvements** [CK92]. **Improving** [AYS84, Bir77b, DHPT10, Gal79, Hyy08, NBY01, YQW +16]. **In-** [MPdS12]. **in-degree** [LSV08]. **In-place** [HTX17]. **in-vehicle** [BKLE18]. **inclusion** [CGP13]. **Inclusive** [MIH17]. **Incomplete** [NCKL14, Ritxx]. **incorporate** [SK96]. **Increased** [HPF05]. **Increasing** [HR00]. **Incremental** [FWW13b, HKR92, Mey85, ISHY88]. **Independent** [ABF94a, CR95b, CR94, GP92]. **InDesign** [Kah06]. **Indeterminate** [SW09]. **Index** [CGR02, CN02, Cox12, Gia93, Man86, Zve80a, Zve80b, All82, CRG03, HLS +11, KWL07, KWL08, KST16, NC06, TPT13]. **indexed** [GMC02, GO12, Sen00]. **Indexes** [CLS +10, KRR17, CHLS07]. **Indexing** [GL86, GV05, KKSL01, LMRT14, LM01b, NBY99b, SWY75, GV00, HA102, SJ13]. **Indianapolis** [DBGH93].
[KS05, KS06]. **JTL** [CGM06]. **July**

[AL01, AH97, AT02, Bro93, Bun94, Cha86, Cro92a, FC98, GU95, KS12a, KP15, Lev95, LV06, MZ07, PC99, SMD04]. **Jumbled**

[BCFL12, GHLW15, KRR17, BFKL13, GG13]. **June**

[ACM92c, ACM92b, ACM95c, ACM98, ACM99a, ACM06, ACM07, AP10, Apo93, AH97, ACP05, BYCC03, Bun94, CG94b, FL08, FMA02, GS00, GM11, HM96, Hwa85, CVP86, KU09, Len11, Ng79, Sto92]. **Jumbled**

[BCFL12, GHLW15, KRR17, BFKL13, GG13]. **June**

[ACM92c, ACM92b, ACM95c, ACM98, ACM99a, ACM06, ACM07, AP10, Apo93, AH97, ACP05, BYCC03, Bun94, CG94b, FL08, FMA02, GS00, GM11, HM96, Hwa85, CVP86, KU09, Len11, Ng79, Sto92]. **Jumbled**

K-M-P [RUG97]. **Karp** [CR91, GBY90a, GBY90b].

Karp-Miller-Rosenberg [CR91]. **Karp-Rabin** [GBY90a, GBY90b].

**Keeper** [Wei84]. **Kentucky** [ACM89].

Kepler [TLS16]. **Kernel** [WKR09].

**Key** [CG79a, CG79b, Gri79]. **Keyword** [And02, ADT15, CWZ10, OSSK16, WZ96].

**Kiev** [Bro93]. **kinematics** [PS93a].

Kleene [Lee82].**Kleenex** [GHR16].**known** [KCK93].

Knuth [PV91, Bar81, DSW04, Ruc15, Ukk10]. **Knuth-Morris-Pratt** [Bar81].

**Knuth** [PV91, Bar81, DSW04, Ruc15, Ukk10]. **Knuth-Morris-Pratt** [Bar81].

**Kong** [B02]. **Korea** [ACP05].

**Laguna** [HM96]. **lambda** [Dow91]. **lambda-calculi** [Dow91]. **Language** [ADR15, Ano68, Fre06, GS93a, GP93, GH09, Gud92, GR96, Hir96, LS99, Lu92, MG97, SBF80, TB00, VV94, vNG94, W92, Jør92, KH06, ML93, MLC08, RW93, RTO15, SC88, ACM87, AGM05, AOMC07, BLLW12, CM58, HWW06, Hud89, KT06, KP99c, KLH16, Kor83, KST12, ND02, SA96, Sch13, Waj74, ACM87, AGM05, AOMC07, BRL13, BLSS03, BFKL92a, BFKL92b, Cohl09, Dit78, FlhDAF09, HWW07, HWJ03, HWS04, HW90, Kes91, Mfc04, MZ01, Mye95, PP95, Rus98, Sch88, Sim91, dLFM07, BGNP94].

Large [AAC+01, AOV+99, BH85, Bn+02, LP13, VB98, WHZ+17, ZMSD93, ABB93, BCI3A, CD96, HAI02, LYW08, Owo93, RW10, YHZ+15, Z95, ZC09, ZC12]. **Larger** [LP13, WHZ+17, LYWL08].

**Latch** [Fos89]. **Lattice** [Mo07]. **Law** [AW89]. **laziness** [KSV15].

Lazy [KKP16, Jay92, Jør92, AJ89a, AJ89b]. **Lazy-ML** [AJ89a, AJ89b]. **LDA** [YCJ08].

Learning [BGNV10, Bra94, BC94, Bra95, KK08, Kin92, KK02, Org03, PDL98, SPF08, SG12, ZCS+12, BC06, Ker04, VV04].

least [Boo80, DK13]. **Left** [NWE97, Ned98, CWZ10, HR03, Tak96].

Left-to-Right [NWE97, Ned98, Tak96b]. **legacy** [Joh94b]. **Leif** [SC88].

**Lempel** [BF909, FT95, FT98, KKP16, NR99b, Nav01c, NT05]. **Length** [BL94, Bre94a, Cha95, YJ84, ZGS+15, BFKL13, BGFW12, BC95, KR97, ZHZ91]. **lengths** [KIH15]. **lenses** [BFP+08, FP08]. **Less** [LIMT14].

let [MW92b]. **Lett.** [Gro91a]. **letter** [AGM05]. **Letters** [Ale94]. **Level** [JSC83, Dit78, Ehr74, HCS7, KWL07, dSOMY15, SW12, Wea94].

levels [Lar83]. **leverage** [LR14]. **Leveraging** [MGW14]. **Levithan** [ANO12].

Lexical [HKR92, Yan95, ISH88]. **Lexico** [KKS01]. **Lexico-Syntactic** [KKS01]. **Lexicographically** [Boo80].

Lexicons [ZMSD93, Z95].
Library [AK09b, CL95, EU98, Ano01, Cox10b, PSK17]. library-defined [PSK17]. life [CM90]. lightweight [BFNP10, SNM07]. Like [GHLW15, Ho84, HK11, BTG83a, BTG83b, Mis89, YH91]. Lille [KU09].

Many-Core [TLC15, MAC14]. Many-Sorted [Wal88]. Many/Multi [JA17]. Many/Multi-core [JA17]. Mapping [CFM17]. maps [BCWG09]. March [ACM83, IEE94b, SC93, SC95, SC96, SC98, SC99, SC01, SC03, SC04, SM09, SM10, SM11]. Marina [ACM69]. Markov [LBK08]. Marseille [Ng79]. Maryland [ACM90b]. Mass [BM08]. masses [Vol12]. Massive [OR12, YDDB15]. Massively [CG87]. Mastering [Fri97a, Fri02, Fri06a, LR14, Uma97, Ano97a, Hum97]. Match [GHW05, KR92, LD10, Mor83, Pet92, Ses96, VFB98, Zve80a, Zve80b, Bak78, BBHK14, DWE89, KSVJ15, KCK93, Mei15, ZCÖZ12, HCS7]. Match-Bounds [GHW05]. Matcher [HH83, Coo86, Ker07]. Matches [DA73, KF91, Mut97, MOG98, PRU11, GHST17, Mha05, Ukk92, ZD95]. Matching [AOK02, Abr87, ABM08, AC75, AGT89, Aku94, AR00, ACR01, ABF94a, AAL97b, ALL97, ALL98a, ALL00, AAL+00, ALR08, AP10, Ano92b, Ano96, Ano17, AYS84, iA94, AT02, ADLM96, AW89, Ash85, AJS92, ACD01, BST+03, BYF92, BYCMW94, BYN96, BY96, BYN97, BYN98, BYN99, BEM+12, BCP02, Bee81, BH02, BH85, BKLP97, BL94, BM00, BBL93, Bow87, BG92, Bre93, Bre94a, BCT94, BG95, BCT98, BGG12, BG14, BTC06, BL16, BK93d, Bun95, BZ98, BGJO1, BCFL12, BCC+13, CCFG12, CF06, CML17, CDM11, CK02a, CLS+10, CL92, CM94, CL94, CCH09, CLP98, Cha02b, CN02, CTF+98, CZCD09, CHL14, CBW16, CK92, CDEK95, CG94a, CLP95, CM08, CL95, Chn95, CW84, CHZ06, CIPS12, Col94, Col94a, CHPZ95, CH97a, CHO2, CH03, CHLT14, Col94b, CG79a, CG79b, Cox07]. Matching [Cox09, Cox10a, Cox12, CP91, Cro92a, CR92, CCG+94, CR95b, CGPR95, CGG+97, CGH+98, CJK98, CIM+02, CIL+03, D’A98, DB86, DLG12, DN77, DCM15, DGM94, Dwe00, EIV04, ET88, Eke95, EMC96, EF13, FT98, FL12a, FL12b, FG98, FL08, FR00, For02, FU98, Fre02, FNU02, FT04, Fre06, Fu95, Fu96, Fu97, GHWL15, Gal76b, Gal79, GS80, Gal81, GP90, GG91, GG92, Gal95, GPP04, GC01, GPR95a, GIK97, GP01, GP03, GIMV03, Gaw12, Gaw13, GP93, GM02, Gia93, GG95, GG97, GM11, GI85, GZ94, Gon02, GKS6, Gr179, Gri83, GL01, Gro92, GL86, GV05, GMMN12, HD80, Han13a, Har02, Har97, HAR10, HL10, HT14, Haz01, Hua71, HEWK03, Her97, HL97, HH93a, H17, HO82, HST01, How97, Hu92, HW12, HN02]. Matching [HN05, IS94, IMP01, IMR08, IST05, IS86, IK83, JZL12, JSC83, JTA96, KPR97, KPRO0, KU99, KS12a, KS18, KS97, KR95, KR97, KP83, K93, Kes79, Kha16, KTSJ99, KMT+01, Kid90, KST94, KKS101, KKK11, KS06, KS11b, KS12b, KM92, KM95a, KM95b, KMP77b, KLM16, KRR17, KOR83, KK02, KR97, KU09, KNS12, Kül10, KVX12, KNM00, KC99, Lab12, LS07, LV94, Lav91, LP13, Le 91, LM01a, Le95, Lc98, LKL02, Lee09, LT03, Les95, Les94, LV06, LY86, LTL04, LLL08, LA12, LLCC13, LJH+17, LLLC17, LP11, Liu86, Liu88, LM02, LT16, LCL06, LLW+15, LS94, Lut02, MZ07, Maa06, MS98, MKF91, MU02, MW92a, MW92b, MG14, MHT09, MUHT96, Me185b, MPN+14, Me195, Mey85, MM02, MIH17, Moh97, MS01, Mon17, ML96a, ML96b, Mu 95, MuT95, Mun07, MR92]. Matching
[Mut97, Mut00, Mye98, Nao91, NR98, Nav98, NBY99a, NBY99b, NBV01, NWei89, NWE97, Ned98, NdMM02b, ND02, NRS18, NCKL14, NEL17, OR12, OP16, Ott94, OM88, PAMP12, PS10, PK95, Par96, PWA10, PW95, Phi94, Pol13, PP09, Pou93, P85, PS93b, RR90, Rae95, RRS88, RT02b, R98, Ric79, RKKH02, Rep81, RT17, Sad96, S94, SMD04, STK10, SCFC94, SN92, Sca11, Sch95, SRR92, SRR95, Sha93, STSA99, SKF00, Shi00, Shi04, Shi92, SSSS10, Sim83, Sim94, SF01, SDm01, Sli78, Sli83, SW09, Som82, Sp99b, Sto96, ST95, ST96b, ST04, Tak94, TMK+02, TS05, TZW94, TU93, TP97, TMV+01, TK07, TLM15, TVCM12, UW93, Ukk11, VLS87, VWR11, Vla02, VG01, VRD01].

Matching [Vis91, Vis99, VS01, WPKL13, WSW16, Wat96, WKA94, WD99, WBA83, Wri94, WM92b, WMM95, Xi03, YP12, YP13, YQW16, YK11, YJ84, YDW18, Yun12, ZZ12, ZS17, ZS13, Zha17, ZLN11, ZT98, Zue96, de 82, van14, TL12, AMB+02, ADR03, ADR06, AK08, A09a, Akl78, Aku95, ASM17, Alb89, ACF05, ASG99, ALV92, AF92, AFM94, AFB94b, AAL+97a, ALLL98b, AL01, ALP04, ABC+04, AKT06, ALLS07, AAK+09, AEK+11, ABH+14, Ano97b, A01, Aoe89, AG84, Apo92, Ap93, AH97, AG97, ACP05, ADL01, AGS96, AD11, AGW13, AG06, BFKL13, BKLE18, BYR93, BYP96, BYCC03, B00, Bak78, Bak93, BDB90, BCD98, BEM+13, BSTU08, BFK15, BR09, BA15, BA16, BB+14, BCD14, BLP90, BLC08, BDF09, BGVW12, B77a, B79, BÖ13, BBL98, Bra90, Bra95, BBK12, BBHK14].

Matching [BG90, BG91b, BCT93, Bre95, Bre96, BGM13, BS02, BFK+03, BC93, BEL04, CGK08, CPT92, CFCF13, CS98, CPW88, CFA8, CK04, CGM10, CL90, Cha93b, Cha93a, Cha87, Cha02c, CR06, CJ93, CR95a, CL95, CDDM05, CW13, CJBW13, CW18, CKT17, CNPS15, CNS18, CH04, CS11, CR87, CWZ10, CPS13, CD14, CP10, CH92, CCG+93, CH97b, CGG90, CT96, CSD9, Coo89, CM07, CRe92b, CGR93, CG94b, CR94, CL96, CCR99, CCG+99, CCK07, Daf90, DR06, DS04, DOS93, Deo06, Der95, Di+76, Dijxx, Dit78, Dow91, Dow93, DC94, DGM90, DNR06, DHPT10, FL+10, FW13a, FW13b, FC98, FT95, FL13, Fat15, FHV18, Fen01a, Fen01b, FG95, FMDB99, FG+11, FBMA05, Fre03, FN04, FM06, Fri97b, Gaà04, Gal75, Gal76a, GS81a, GS81b, Gal84, GG86].

Matching [GG87, Gaà92, GP92, GU95, GPR95b, GR99, GU16, GS00, GGF13, GG13, GMC02, GW92, GBY90a, GBY90b, GPN96, GF08, GFG11, GGN06, GL89, GV00, GS06, HWW07, HY92, HLS07, HFS05, HC87, HR03, HH93b, HM96, HM00, HLS+11, HBRV10, HP01, HP03, HK77, How96, HLN09, HHS06, HFN05, Hyy08, IT13, IS96, Ier09, Ind97, Ind98, IS09, IK08, IM13, IS86, ISHY88, JM93, JP11, JL93, J95, J94a, JU91, KTP10, KSVJ15, Kas08, KN00, Kes91, KTS+98, KMS+03, KST92, Kim99, KWL07, KEF+14, KNT11, KS01, KS05, KMP94, KMP77a, KSS6, K08, Kos94, Kri90, KK+13, KST16, KGP+05, KT90, LMM17, LV86a, LV86b, LV89, Lar99, Lee07, LCC03, LH13, LH03, LS10, LP08, Liu81, LHC04, LBK08, LQ94, LT97, LLL13, MCF+11, MK90].

Matching [MNU05, Man76, MBY91, MMZ10, Mar07, ME97, MAI+16, MP05, McI85a, MM03, MM07, Mis03, MHH+01, MR09a,
Kid09, KKS101, KKK11, KS01, KS06, KM92, KM95a, KM95b, KMP77b, 
KRR17, Kor83, Kra08, KK02, KU09, KNS12, Kül10, KX12, KNMH00, 
KC99, Lab12, LV94, Lr91, LP13, LM01a, KL02, LSTW17, LT03, Les95, 
LV06, LTL04, LA12, LLCC13, LJH17, LP11, Liu86, Liu88, LM02, Lu92, 
Mao07, MS98, MKR91, MU02, MW92a, MW92b, MGW14, MHT96, 
McI85a, McI85b, MS01, Mon17, Mu 95, Mun95]. Pattern 
[Mun00, Mye92, Nao91, Nao91, Nav98, NBY99a, NR99b, NBY01, Nav04b, 
NWE97, Ned98, NdMM02b, ND02, Neu10, NRS18, NCKL14, OR12, OP16, 
OW03, Ott94, PDL98, PS10, Par96, PV91, Pet92, PW95, PPZ08, PP99, 
Pou93, PK95, PS93b, RR90, RR92, Raa95, RM88, RS98, Ric79, SMD04, 
SCCF94, SN92, Sch95, SSR02, SSR95, Ses96, Sha93, SN94, STSA99, 
SKF90, Shi00, Shi04, SS3010, Sim83, SF01, SdM01, SW09, Sm92, Spi99b, 
Tak86, Tak94, TKM102, TM05a, TMV901, TK07, Ukk10, VSM87, WVR11, 
Via02, VG01, VRD01, Vis91, Vis99, Vol12, VS01, VB08, WCM94b, WZ95, 
WS16, Wat96, WKA94, WD99, WB43, WM92b, Xi03, YP13, YK11, 
YDW18, ZZ12, ZZ10, Zha17, ZLN11, ZT89, Zue96, TL12, ARD03, ADR06, 
AK08, AK90a, Ak178. Pattern [Alb89, ASC99, AYCL902, ALV92, ALLL98b, 
AL01, ABC904, AKT06, ALL907, ABH914, Aoo01, Aoe89, Apo92, Apo93, 
AH07, ACP05, AP90, ADLM01, AG06, BKLE18, BYR93, BYCC03, Bab93, 
BD90, BEM103, BA15, BA16, BCD14, Bir77a, BGJ89, BÖ13, Bra95, 
BBHK14, BKS02, CGK08, CPT92, CPW88, CF88, CGM10, Cha93b, Cha93a, 
Cha87, Cho02c, CRV06, CR95a, CLS95, CFKT07, CNPS15, CNPS18, CS11, 
CZW10, CJP913, CC993, CH97b, CT96, CD99, CCR93, CG94b, CR94, 
CG999, CKC07, DS04, Di76, Djxx, Dow91, Dow93, DGM90, FL99b, 
FWW13a, FWW13b, FC98, FVH18, Fen01b, FBMA05, Fr97b, Gaa04, GP92, 
GU95, GR99, GU16, GS00, GGF13, GI13, GP99, GS06, HW007, HC87, 
HM96, HBRV10, HP01, HP03, HK77, How96, HLN99, IIT13, Iba97, Ier09]. 
Pattern [Ind97, IM13, IS80, JMH93, JP11, Jon07, KTP10, KSVJ15, KS07, 
Kas08, KTS98, KMS103, KCK93, Kim99, KS11a, Kin98, KS05, KMP94, 
KMP77a, Kos98, Kos98, Kos94, Kri09, KRR13, KGP05, LLC03, LH13, LH03, 
LS10, LP08, Liu82, LB08, LO94, MCF114, MK90, Man76, MMZ10, Mar07, 
MAI16, MP05, HMH01, MR09a, MR13, MA12, Mun95, NYR15, Nav00, 
Nav01b, NR02, NWE99, NdMM02a, NR17, NK07, Nil90, OK94, OR11, 
Oph98, OSSK16, Ow09, PTT15, Par98, PS90, PC99, Per94, PMS11, 
Quo92, RM06, Rus88, Sch81, Sch91a, Sch91b, Sch88, Sen00, SGM80, Sil77, 
Smi91, SIDS14, SH79, Spe85, Sp99a, SRI93, Sto02, SN07, TZYH14, 
TM04, TM05b, Th93, TIT83, TLS16, Val09, Van06, VW11, Via04, Vin77a, 
Vin77b, Vis90, Wad87, WCM94a, WGMH13]. Pattern 
[WC14, WL15b, WZ96, WW03, Wat03, Waa94, Yao79, YCJ98, ZC99, 
ZMAB03, ZA17, ZC909, ZCÖZ12, dRL95, JD89, YIAS89, An097b]. Pattern-based [Far92, KS07]. Pattern-Directed [Kor83]. Pattern-Match 
[Pet92]. Pattern-Matching 
[FR00, KPR97, KPR00, KR81, KR87, KRS95, KRS97, KP93, KVX12, Lu02, 
MUHT96, NWE97, Ned98, Ott94, Pou93, SCFC94, Sch95, SS3010, SW09,
WM92b, CL96, GMC02, KN00, CF88, Dijxx, Fri97b, Gaá04, Ier09, KSVJ15, LH13, Nav01b, NWE99, NdMM02a, OR11, Per94, Sch88, Wea94).

Pattern-Recognition [AWS16]. Patterns
[BH85, CLP98, Gin73, HNB+13, IS94, JGZL12, Kha16, Les79, SB09, TMV+01, ADT15, Alh89, AG06, BLR11, BSM+07, BSF04, Bro77, CP10, Dan91, ETV88, IS96, JSH09, KIH15, KRML09, LMM17, MR09a, NdMM02a, Tak93, Ver92, Von06, Wal89, ZKCY07, ZJL14]. Pearl [KN12, FHW10].

Patterns [BH85, CLP98, Gin73, HNB+13, IS94, JGZL12, Kha16, Les79, SB09, TMV+01, ADT15, Alh89, AG06, BLR11, BSM+07, BSF04, Bro77, CP10, Dan91, ETV88, IS96, JSH09, KIH15, KRML09, LMM17, MR09a, NdMM02a, Tak93, Ver92, Von06, Wal89, ZKCY07, ZJL14].

Pearl [KN12, FHW10].

pebbles [EHS07]. peeling [ALLT11].

Peephole [Spi99b, BA06, Spi99a].

peer [AB09]. peer-to-peer [AB09].

Penalties [KM92, KM95a].

Pennsylvania [ACM76, ACM99a, IEE92].

peptide [SVS97].

Perfect [LLLC17, XMLC11]. perform [MW92b].

Performance [FWW12, HKL+14, IS90, Lee09, MM02, MM03, Sca11, YP12, YT11, YJ84, CGM10, Fen01b, Hur84, LH13, SWZ01].

perils [Fen01b].

Periodic [Mat94, CDM11, FLSS93a, FLSS93b, ZKCY07]. Periodicities [Sli83].

Periodicity [GPP04, MAT+16]. Perl
[Lab12, Ano97a, Fri97a, Han01, LT09, SPF08, Sno01, SM04, Stu07, Val09].

Permutation [BL16, CNS18, KKR+13]. Permutations [BBL93, BBL98, Chr96, Iba97]. permuted [BEL04].

Perl [Lab12, Ano97a, Fri97a, Han01, LT09, SPF08, Sno01, SM04, Stu07, Val09].

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


Planar [CM08, Hig86, TZYH14]. plane [AK09a]. planted [Tan14]. PLAs [KTU87]. plasma [AP90]. Platform [HZ13, ZLN11, FNP09]. play [FHW10].

Plexus [AB09]. plush [II09, MI07]. Plushie [MI07]. PMETA [Kes79]. pocket [FPD08, GL03, Stu03, Stu07]. PODS [ACM95b, ACM99a, ACM07, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98]. PODS'11
[Len11]. PODS'12 [KLB12]. Point
[CM08, GIMV03, Hig86, MU02, Ukk10, VS01, WKA94, ZHWW12, dRL95, AK09a, CGK08, CS98, Rot91, TZYH14, WC14]. Point-Pattern [MU02].


Population [TMV+01]. Population-Based [TMV+01]. Portable [IEE01a, IEE01d, IEE01c, IEE01b, ZGE85].

[HKL+14]. Powerful [Ano97a, Pol01, Fri97a]. Practical
[ALR08, BYP92, CSY03, KK95, Lut02, NR99b, PPTT15, TTHP05, BYP96, 
CCG+99, DHPT10, Mao06, NR02, PSK17, WR15]. Practicality [TT82].
Practice [CCFG12, CJBW16, DGBH93, KP99a, CJBW13, DRSS96, WL15b, 
Lut02, KKP92]. PRAM [PDC94, dB93]. Pratt [PV91, Bar81, DS04, Ukk10].
Precessions [SS93a]. predicate [BG91a, MFRW09]. predicate/transition
[BG91a]. predicates [Gan89b, TP07a, TP07b]. prediction [Fen01b].
Predictive [KKS1L01]. Prefix [BM00, BCT94, BCT98, CIK98, GLS92, 
HWW07, Han13a, HAR10, 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, CCG+93, Ryt80, Sto02, Tak96b]. Presence [HT14]. presented
[ACM69, ACM74, ACM76, ACM81, ACM92a, ACM92c, ACM93a, ACM94a, 
ACM95a, NEH90]. preserving
[CFKT17, CNPS15, GU16, KEF+14, QPWH08]. Press [Ano97b].
Prevention [TS05, TBS06]. previews [Chi17]. Primer [Lut02]. primitive
[Dow93]. Primitives [KM94]. principle [CL09]. principled [Cox10b].
Principles [ACM83, ACM87, ACM90a, ACM92a, ACM92b, ACM93a, 
ACM94a, ACM94c, ACM95a, ACM95b, ACM97a, ACM98, ACM99a, ACM06, 
ACM07, AP90, DRSS96, KLB12, Len11, MMZ10, KKP92]. Priority [Lav91].
private [WR15]. privatization [RP95]. Probabilistic
[AJJS92, LSV08, MHKR12, Sch91a, Sch91b, TMV+01]. Probabilities
[PM78, Neb06]. Probability [SCFC94]. Problem [BCT94, BCT98, CF06, 
CK02a, Hui92, KO83, KS11b, KS12b, KZ02, Pet02, PW93, Yan95, Akl78, 
B+05, BSTU08, BC06, BCT93, CNS18, CM07, Dij76, Dijxx, FL13, Goo05, 
Gra15, Gro91a, GZ10, Kar82, Mao06, Mae90, Mäk89, Man76, RT015, Ro879, 
Sch81, SZ05, Tak96a, Tan14, Tho81, YT03, YHV+15, tC09, GLS92, BLPL92].
problem-based [BC06]. problem-solution [B+05, Goo05].
problem-solving [Tak96a]. Problems
[CK92, Gon02, Hea71, KPR97, KPR00, Loh10, MNS10, OP16, RS59, SV94, 
Tar81a, Tar81b, Vio02, FMdB99, Gro91b, GHK14, HY92, HTX17, Ind98, 
Kra08, Mid96, Nic03, Srt93, SH85, Vio04]. Procedural [Sym85]. Procedure
[Gin67, HW09]. procedures [MP88]. Proceedings
[ACM90a, ACM92b, ACM94b, ACM94c, ACM95b, ACM97a, ACM98, 
DGBH93, KP15, KLB12, Len93, Len11, Lev95, SC04, SC05, SM09, ACM81, 
ACM08, ABB93, B+02, Bro93, IE92, IE93, IE94a, IE98, MG94, SC93, 
SC99, SC01, SC02, SC03, SM10, WN90, Win78, ACM83, ACM84, ACM86, 
ACM90b, ACM91, ACM92c, ACM92d, ACM93b, ACM94d, ACM95c, 
ACM97b, ACM97c, ACM99a, ACM99b, ACM00, ACM06, ACM07, AL01, 
AP10, AGS93a, AGS93c, AGS93d, AGS93b, Ano87, AAO+01, AT02, 
AOV+99, BYC003, Bao93, Cha86, DT87, FC98, FL08, FJ92, FMA02, GS00, 
GM11, Hwa85, CVP86, IE88, IE90, IE94b, IE95b, IE09, KS12a, Ku09, 
LV06, MZ07, PC99, SMD04, SW94, Sto92, SC98, USE92, Apo92, Apo93, 


R [Ram94, Val09, van14, Lab12]. Rabin [GBY90a, GBY90b]. RAID [WOQ+07]. Random [Ale94, RKH02, CRV06, SN94, Yao79]. Randomized [AJ92, ACD01, CGG97, KR81, KR87, AGW13, CH97b, II86]. range [HFI+08]. Rapid [CG79a, CG79b, Gri99, Bak78, AW96]. Rapidly [Dav73]. Raster [AGS93a, AGS93c, AGS93d, AGS93b]. Rationale [IEE01b]. ray [SS83b]. RDF [KSH+15, LRSV18]. Re [MCP17, ORT09, CRG02, CRG03]. re-examined [ORT09]. RE-Tree [CRG02, CRG03]. Re-Vectorization [MCP17]. re2 [Cox10b]. reachability [FWW12, GZ10]. reachability-bound [GZ10]. Reactive [HFFA99]. reading [BGW12]. Real [BG14, Gal76a, Gal81, Kos94, Sli78, Sli83, BGM13, CM90, Gal75]. Real-Time [BG14, Sli78, Gal76a, Kos94, BGM13, Gal75]. Realization [CEW58, Kle66, TB00, XK92]. Reasoning [AD15, GNP94, KS07, PS90]. Rebus [Gri85]. Recalibration [BM08]. recipes [B+05, Goo05]. Recognition [ACR01, AWS16, BGM13, CM90, Ram94, WKR09]. Reconstructing [Wei83]. Reconstruction [Sha93, Sto96, NCV10]. Record [Wei84, ACM69, ACM74, ACM76, ACM92a, ACM93a, ACM94a, ACM95a]. Rectilinear [GK86]. Recursion [Bir77b, BFS00, CM90, CMW87]. Recursive [FR00, FKP77, JD89, Dow93, GPR95b, HN90, Kra08]. Reduce [CKW90, Har79, Kes79]. reducibility [KR95]. Reduction [KNMH00, She59, DWE89, RP95]. redundancy [Joh94b]. Redundant [RJK79]. reexamined [ORT08]. Refactoring [WGMH13]. refactorization [Rém17]. reference [FPD08, GL03, Mha05, Stu03, Stu07]. references [WL15a]. referencing [Lar98]. Refined [Pet94, Sch88]. reflection [HS08, Mor02]. Reflective [Dwe00]. refactoring [RTO15]. Regex [Sch13]. regexes [MM14]. RegeXeX [BH07]. Regexpcount [Nic03]. Region [Bao93]. regions [CM95]. Register [VSM87]. Registration [DMWW77]. Regular [AM91, ADR15, Ano06, Anoxx, Ant95, Asp12, Bac94, BTG83a, BTG83b, BC13b, BF97, Ber00, BGNV10, Bra94, BC94, BFS04, BTC06, BK93a, BK92c, BK93c, Brz62, BP63, Brz64b, Brz64a, Brz65, CDLV99, Cam99, CSY03, CZ01, Cha01, Cha02a, CLOZ04, COZ09, CJM12, CDJ15, CRG02, CJBW16, CHP92, CC97, CKW09, CGS17, CDL95, Cox07, Cox09, Cox10a, Cox12, Dav99, Dav03, Dav04, DM11, EU98, FLS98, FU82, Fri02, GJ16, GRS99, GGM12, GN12, Ghi62, Gil70, Gin67, Gol93, Goo05, GL12, GH13, GH15, Hab04, HM98, Ham88, HW06, Han13a, Han13b, HW13, HN11, HJ99, Hir96, Hol84, HK11, Hos06, HVP00, HP01, HP03, HVP05, HN00, HSW97,
Hum97, Hum99, IY02, KT06, KU87, Kea91a, KP99b, KP99c, Kin92, KM92.

Regular [KM95a, KLH16, KN12, KV15, KZ02, KST12, LS99, LS06, LSR98, Lasa99, LHZ98, LM01b, LT16, LT09, Loh10, Mad01, MS98, Mag81, MNS10, MY60, MPN+14, MR09b, MPds12, MG97, Mye92, MOG98, NR99a, NR01, Nax90c, Nav04a, NR04, ORg03, OF61, ORT08, ORT09, Pak91, PM78, PPA10, Pat71, Pet02, Pra97, Pre99, Ray96, Rez92, Ric97a, RA96, Sca11, Sch99, SS93a, Sou99, Spe85, SM99, Stu03, Stu07, SL17, TV14, TB00, Uma97, VCS+12, VHC88, Wag74, WPKL13, Wat96, Wen93, WM95, WZU14, X992, YM12, YQW+16, ZGS+15, Zia96, dLFM07, vNG01, AFI98, Ano97a, AGM05, AM95, Ant96, AOMC07, ACM02, BCG07, BGD96, BAC12, BRL13, BG91a, BDFR08, BvdM17, BS86, BNSV10, BFC08, BFG09, BK86, Bra95, BH07, BKW92a, BK93b, BK92b].

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

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

Reinforcement [KK02].

Related [CHZ06, AS85, Gro91b, Sr93].

Relation [KN12, MR92, Pre99, LS08].

Relational [BGHZ15, HC87, KWLL08, MZZ10, DWE89].

Relationship [KK92, GR92].

Relaxation [SHCY93].

Reliability [FO76].

Renyi [AW89].

Repairing [LWS+16].

Repetitions [Cro86].

Repertive [CDM11].

Replacement [NAR08].

Replacing [DCM15].

Replication [HFFA09].

Report [GS81b, HJW+92].

Reporting [MOG98].

Representable [Dow93].

Representation [NR01].

Representations [YB13, ZC89, ZHH16].

Required [MW92b].

requirement [LH13, ZKCY07].

requires [Rob79].

Research [CPW88, IEE89].

RESeED [SCF+17].

Residue [BM10].

Resilient [ABBH+16].

Resolution [OW03].

resource [FK96].

resource-bounded [FK96].

resourceful [BF9+08].

Resources [HAR10, MP99].

Restricted [Kin92].

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

Retargetable [BFH82, BDB90, Gan89a, Fra83, GKH83a, GKH83b, WNL+83].

Rete [Alb89, MK90].

Retrieval [BBH+87, GR96, LZ96, MKF91, Mor83, Zve80a, Zve80b, Al82, BSY00, PMID01, SD91, ZKA12].

Reusability [PV91].

Reuse [HL97, Rem17].

Review
[Ano97a, Ano97b, Ano12, Hum97, Lab12, Neu10, Uma97, FL13]. **revised** [A+08]. **revisited** [CCI+13, GL01, RUG97]. **rewrite** [KN00, Ram94].

**Rewriting**

[AM95, CDLV99, Dur94, GHW05, Lav91, ND02, GMC02, KR95, PSK17].

**Rewriting-Based** [ND02]. **REX** [Cam99]. **Rexx** [LS06]. **Rey** [ACM69].

**Richness** [QPWH08]. **Richness-preserving** [QPWH08]. **rifarensu** [SM04].

**Right** [NWE97, Ned98, Pat71, CWZ10, HR03, Tak96b]. **Right-Linear** [Pat71]. **right-to-left** [CWZ10, HR03]. **Rigid** [JM85]. **Rigid-Body** [JM85].

**Risks** [Lut02]. **Risk-Based** [Lut02]. **RNA** [ABH+14, BA15, IMR08, MP05, SBHM94, Shi00, Shi04]. **RNAi** [QLY07].

**robot** [PS93a]. **Robust** [Le 91, WZJH12, YP13, BFN+09, HLN09]. **Roma** [AAC+01].

**Risk-Based** [Lut02]. **Risk-Based** [Lut02]. **RNA**

**Rotation** [FU98, HW12, HLN09, TZYH14]. **Rotations** [FNU02, ABC+04, AKT06]. **Route** [Les94]. **router** [MLC08]. **routines** [SMS15]. **routing** [LMMN07]. **Rs** [GW92]. **Rs-operations** [GW92]. **Ruby** [Stu07]. **Rule** [Han92, RT17, Gre88, Oph89]. **rule-based** [Gre88]. **Rules** [Ghi62, Lav91, GMC02].

**Ruleset** [Sca11]. **Run** [Chu95, MHT09, BFKL13, BC95, RP95]. **Run-Length** [Chu95, BFKL13, BC95]. **Run-Time** [MHT09, RP95]. **Running** [DLG12, Gal79, NAR08]. **Runs** [BL16]. **runtime** [Rob92]. **Russians** [Mye92].

**Rust** [Sar02]. **scheduling** [LMMN07, Mid99]. **schema** [HIK08, MNS07, dLFM07]. **Schemas** [BGNV10, MNS10, KS07]. **Scheme** [Bur84, Man94, Man97, Bur82, Kod79, KRL87, LH13]. **Schemes** [KK08, Pel87, QWX+13]. **School** [Cro92a, Ano92b]. **Science**

[ACM89, FJ92, Gus97, IEE89, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE99, Ker04, Win78]. **Scientific** [WCM+94b, WCM+94a, WZ95]. **Score** [Ben94]. **Scoring** [KK08, OSSK16]. **Scotland** [AOV+99]. **Scotsdale** [KLB12]. **Scratchpad** [JT94]. **screening** [QPWH08]. **Scribshaw** [Arn93].

**Scripting** [Fri97b, RB05, BFN+09, Blu08, FhDAF09, Han01, LS99]. **sesh** [Sar02]. **Search**
Solving [BK93d, SED14, Tar81a, Tak96a]. Some [Fen01b, Gal76b, Liu86, MW92b, Sli78, WCM+94b, Wol90a, San15, WCM+94a, Wol90b]. Sorted [Wal88, Gie90, Kes91]. Sorting [BS97, Chr96, JRV96, Knm98, FCFM00]. sorting-complexity [FCFM00].

[CJPS12, DLG12, Har02, CL09, CGM10, San15]. strict [HJW92]. Stride [VWR11, NYuR15]. Stride- [NYuR15]. Striding [ARS16]. String [AOK02, Abr87, AC75, Aku94, AR00, ACR01, ADR15, AYS84, iA94, AC01, BST93, BY96, BY96, BY96, BYN97, BYN99, BCP02, BH02, BH85, Ber00, BLLP90, BL94, BM00, BGWV12, BM77, BG92, Bre93, BCT94, BG95, BCT98, BGG12, BG14, BK93d, BZ98, Bur84, CF06, CF88, CK02a, CLS10, CL92, Cha93b, CM94, CL94, CCH09, CLP98, CN02, CTF98, CHL14, CH04, Chu95, CW84, Col94a, CHP95, CH97a, CH02, CP91, Cro92b, CCG94, CCG97, CIK98, CIM92, Dav73, EMC96, FT95, FT98, FL12a, FL12b, FG98, FY16, FU98, Fre02, FT04, Fre06, Gal76b, Gal79, GS80, Gal81, GP90, GG91, GG92, Gal95, GPR95a, GHW05, GZ94, Gon02, GFG11, GV05, GMMN12, HD80, HH93a, Hui92, HS91, HN02, HN05, IMP01, IK83]. String [JLFL14, JTU96, Kha16, KST94, KKK11, KS11b, KS12b, LSW08, LP13, Le 91, Lec95, Les98, LS96, LLL08, LLLC17, LD10, Liu86, Liu88, LCL06, LLW15, LS94, Mel95, Mey85, MM02, MIH17, Moh97, ML96a, ML96b, Mun07, MR92, Mut97, Mye98, Nao91, NR98, NBY99b, NEL17, OMS8, PAMP12, PK95, PP94, Pe97, Ph94, Rao94, RRT02a, RRT02b, RKH02, RPE81, Sad96, SV94, STK10, Shi92, Shi97, Sim94, Sli78, Sli83, Sp99b, Ste94, ST95, ST96b, ST04, TS05, TU93, TP97, TT82, TLC15, TVCM12, UW93, VMML15, Wri94, YP13, YDW18, ZS17, ZS13, ZGS95, de 82, van14, Aku95, ASM17, ACF05, ALP04, AAK99, AER11, Aoe89, AEMS14, AGW13, BFKL13, BY96, BYP96, BSY00, Bak78, Bar84, BR09, BKBB94, BLPL92, BFG09, BFP98, BG90, BG91b]. String [BCT93, Bre94b, Bre95, Bre96, BGM13, Bur82, BEO4, CCF13, CL90, Cha93a, CDDM05, CW13, CW18, CR97, CH92, CGG90, CD96, CM07, CGR99, Dai09, DR06, Dec06, Der95, DC94, DNR06, DHPT10, FL13, Fen01a, FG95, FMdB99, FG99, FBMA05, Fre03, FN04, FM06, Gal75, Gal76a, GS81a, GS81b, Gal84, GG86, GG87, Gal92, GPR95b, GRY90a, GRY90b, GF08, GL89, GV00, GHK14, Han93, HY92, HF95, HR03, HH93b, HM00, HLS94, HK77, HHL60, HF05, Hy93, IP96, IMS97, Ind98, IS09, IO08, JL93, Juh95, JU91, KST92, Kim99, KWL07, KNT11, KS96, KST16, LV86a, LV86b, LV89, Lar99, Lec07, Liu81, LHCK04, LT97, LLL13, Mae90, MNU05, MBY91, ME97, Mha05, MM03, MM07, Mis03, MS95, Mus03, Mus05, Mye99, Nak14, NBY99c]. String-Manipulating [VMML15]. String-Matching [BG14, CCG94, GS80, Gal95, Kha16, Les94, LY86, Moh97, Mut97, Sli78, Sli83, CH04, Cro92b, BR09, CCF13, CW13, CR97, CGR99, DR06, Gal75, Gal76a, GS81a, Gal92, GPR95b, HY92, HR03, JL93, KST92, LHCK04, PLL10, TS06, Ukk92, Ukk93, VLP17, Vin77a, Vin77b, WL15a, WLF14, XMLC11, Yao79, YTO3, dB93, GH82]. String-to-Dictionary [KS11b, KS12b]. string-to-string [Mae90].
stringdist [van14]. Strings [Ale94, BS97, BCFL12, Chu95, Col94b, FT98, Gaw13, GNU94, GL01, Gus97, HT17, ISNH94, KRS95, KRS97, KMP77b, LT03, Lut02, SW09, Ver92, YQW+16, Zha17, ADR03, ADR06, BLSS03, BFK+03, BC95, CD89, CR91, EH88, ETV88, FT95, GO12, JRV96, KGA+12, KMP94, KMP77a, KR97, LMM17, LS10, McI04, Mei15, NR02]. Strong [GGM12, LS06, WD99, AW89]. Strongly [Dur94]. Structural [BGJ01, KWLL08, Shi00, Shi04, BFS00]. Structure [CGR02, Gia93, Les95, Pol13, Sli78, TMV+01, AP90, CGR03, CD96, FG99, FLSS93a, FLSS93b, KWL07, MP05]. Structured [BLLW12, KM94, BGHZ15, Fla88, TMK+02]. Structures [Cha01, Cha02a, GHLW15, GG97, Gor00, LSW08, Lar99, Lec98, Les79, ABI+14, BA15, GM02, HN90]. stuck [AEK+11]. Studien [SM74]. Studies [JM85, SM56, SM74, SS93a]. Study [CSY03, FTJ95, JM85, MM02, OP16, PV91, Sca11, BG91a, Fen01b, PSK08, SKS96]. Studying [MGH93]. Sturmian [BR09]. Style [Cop91, WW03]. subexpressions [Fat15]. Subgraph [QZC17, KSH+15, SWW+12]. subject [ETV88, Sch81]. Sublinear [CL94, FG98, CL90, CWZ10, CGR99, FG95, WZ96]. Sublist [Jay92]. Suboptimal [Cha94, LS94]. Subquadratic [WMM95]. subsequence [ZKA12]. Subsequences [IF94]. Subset [CH03, Kin92, Pag78, AB09, CH97b, HW09]. Substitution [For02, JSC83, Sch81]. substitutions [Pie08]. Substring [CIL+03, Har71, Joh94a, KO83, Sun90, BSTU08, Gra15, HKN14, HTX17, IKX15, JKNS00, Maa06, MA1+16, Sto02]. substring-preprocessing [Sto02]. Substrings [Coh94, Boo80, FGKU15, GHST17, LO94]. subtree [Gro91a, Gro91b, Mäk89]. Subtype [WZJH12]. subtypes [JM93]. Succinctness [Gei10, GN12]. sufficient [KT90, MR90a]. Suffix [AOK02, ABM08, FL12a, GV05, GLS92, Kid09, LSW08, NR98, Neu10, OR12, Shi00, Shi04, UW93, ACFC+16, BH96, DK13, FCFM00, GV00, HHLS06, Kos94, NR00, TTHP05, Ukk03]. Suitable [CCL87]. Summary [GH15]. Sums [BM00]. Sup [MP09]. Sup-interpretations [MP09]. Super [Fro02, KM95b, Fro03]. Super-Alphabets [Fro02, Fre03]. Super-Pattern [KM95b]. Supercomputers [RND97]. Supercomputing [IEE88]. superimposed [Ind97]. Superiority [Zha07]. superoptimizers [BA06]. superprimitivity [Bre94b]. Supersequences [IF94]. Superstrings [Ale94, TY97, Che96, Mid98, TU88]. supplement [Ruc15]. support [CL09, KAT07, Rob92]. supporting [CMW87]. supports [Nil90, WR15]. surface [TCCK90]. Survey [Brz62, Kni89]. Surveyor [Fra83, GKF83a, GKF83b, WNL+83]. Swap [AEP06]. Swaps [ALLL98a, AAL+00, CCFG12, AAL+97a, ALLL98b, Mei15]. SWAR [CL09]. Symbolic [ACM94b, Bro93, Cha86, Har79, Lev95, Ng79, VHL+12, WN90, Fat15, Nic03, NA90, Ng79, NEH90]. Symmetric [Gil70, SS93a]. Symmetries [Hig86]. symmetry [Mar89]. Symposium [ACM69, ACM74, ACM76, ACM81, ACM83, ACM84, ACM86, ACM87, ACM90a, ACM90b, ACM91, ACM92a, ACM92b, ACM92d, ACM93a,
ACM93b, ACM94a, ACM94b, ACM94c, ACM94d, ACM95a, ACM95b, ACM95c, ACM97b, ACM97a, ACM97c, ACM98, ACM99a, ACM99b, ACM00, ACM06, ACM07, ACM08, AP10, AH97, AT02, Bro93, Cha86, DGBH93, FC98, FL08, FJ92, GM11, HM96, Hwa85, IEE89, IEE90, IEE92, IEE93, IEE95a, IEE97, IEE98, IEE09, KS12a, KU09, Len93, Lev95, LV06, MZ07, Ng79, WN90, Win78, AL01, Apo92, Apo93, ACP05, BYCC03, CG94b, GU95, GS00, KLB12, Len11, PC99, SMD04.

Symsac [Cha86]. Synchro[468nized [PIT+03]. Synonyms [LLW+15]. Syntactic [KKSL01, TB00, Wol86].

Synchronization [JM90]. Synchronized [PIT+03]. Synonyms [LLW+15]. Syntactic [KKSL01, TB00, Wol86].

Synchronization [JM90]. Synchronized [PIT+03]. Synonyms [LLW+15]. Syntactic [KKSL01, TB00, Wol86].

Synthesis [CDL+15, BK86, SW12, WKR09, ZJL14]. synthesized [Kod79]. System [BM00, CFS+89, DMWW77, Har79, IEE01a, IEE01b, KSWC93, KMT+01, KS01, MM02, SF01, Som82, WHZ+17, Wol86, AAB+86, BAC12, BG91a, BH07, GPTV93, KAT07, KMS+03, KJS17, KLR+08, LHCK04, MI07, TIAY90, WLC96, CDC96, CFM00, DL03, Fat15, JO97, KKK+85, KSP+92, KEG+08, KLB12, KR95, LLC03, Len11, Lus94, SD91, WSS91, WSS94].

Systematic [KK95, NAR08].

Systems [ACM83, ACM90a, ACM92b, ACM94c, ACM95b, ACM97a, ACM98, ACM99a, ACM06, ACM07, Ano08, Dur94, FYJ+17, GHW05, IST05, JMS5, KK11, KK12, LZ96, Mut02, MUHT96, Mor83, Sar02, WHZ+17, CDC96, CFM00, DL03, Fat15, JO97, KKM+85, KN00, KPP92, KEG+08, KLB12, KR95, LLC03, Len11, Lus94, SD91, WSS94]. SystemT [KLR+08].

Table [GHS82]. Tables [EF95, Mus05, Quo92]. Tagged [Lau00]. Tagging [Kul11, KEG+08]. Tale [VL17]. Talk [Rém17]. Taming [Hab04, KSH+15].

target [QLY07]. TASH [Wes97]. Task [YD95]. TAWK [Eck89]. taxonomy [CWZ10, WZ96]. TBNF [Man06]. TCAM [MP+14, PD12, Yun12].

TCAM-Based [Yun12, PD12]. Tcl [Wes97]. Teaching [GOMSJVGP08].

Technical [Spi99b]. Technique [Vis91, ZT89, Bak78, CK02b, Fls88, PC02, Vis90]. Techniques [DCM15, GSS93a, GL86, HH93a, Kuk92, Mu95, MuT95, NR04, Tho68, Ano97a, DOS03, EF95, Fri97a, HH93b, MSRR00, Mun95].

Technologies [OKT92]. Technology [IEE01a, IEE01d, IEE01c, IEE01b, THG17].

Template [SN02, Coo89, FLSS93a, FLSS93b, SS94, SA77]. Templates [HL97, ZGY+16]. temporal [PMD01]. TENCN [Bao93]. Tennessee [ACM90a]. Tenth [IEE94b]. ter [Lia84]. Term [Dur94, Lav91, Pet92, Ps93b, KN00]. Termination [GHW05]. Terms [Cha02b, ZMS93]. tessellation [TIT83]. Test [Har71, AG84, RP95, SMS15]. testable [Mei08]. Testing [Bre94b, Hei01, Gut92, Han92, KKM+85]. tests [Thi93]. Texas [ACM97c, NEH90, IEE94b, IEE95b].

Text [BBH+87, CC97, Fal85, GN01, Gon83, Gor00, GV05, How97, KR92, KS99, Kuk92, KVX12, Man94, Man97, Nao91, NR99b, Nav01c, Pik00, Ritxx, STS99, SKF+00, TMK+02, TT82, ZA87, AMB+02, ALLS07, BYG92, BYG96, BCD98, BFK15, BC13a, BNP10, CL09, CHLS07, CR95a, CM95, CEMW91, CL96, GFF13, Gre88, GV00, How96, Ier09, II08, KR98, KTS+98, KE95].
text-compression [CL96]. Texts
[468x646]KWLL08, MW92b, Mus03, Mus05, NKT+01, NT05, OKT92, RH81, San95,
SKS96, SNZBY00, WM92a, YT03]. Textual
[BH85, Haz01, Job94b], Texture [VB98], tf [TP07a, TP07b], tf-idf
[TP07a, TP07b]. Their
[Brz62, CJM12, Gim73, HN05, MHKR12, OF61,
RS59, BRL13, GR92, KSVJ15, Lau00, NEH90, Pel87]. Theorem
[WZU14]. Theoretic
[Pie08, Sri93]. Theoretical
[CL92, FJ92, MAC14]. Theorie
[SM74]. Theory [ACM69, ACM74, ACM76, ACM81, ACM84, ACM86,
ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c,
ACM99b, ACM00, AU72, AU73, Gim73, Lut02, Pet92, SW98, AFI98,
Bak93, Han02, HR00, SBR+07, VVV04]. third [ACM91, AGS93d, Apo92].
Thirteenth [ACM81, ACM94e]. thirtieth [Len11]. Thirty
[ACM00, ACM99b]. thirty-first [ACM99b]. Thorn [BFN+09]. threaded
[MAC14]. Threading [OR12]. Three
[Cha02a, GPP04, HEWK03, KR94, Les79, Les95, de 82, AK08].
Three-Dimensional [GPP04, HEWK03, Les79, Les95]. threshold
[BSTU08]. thresholds [AD11, ZA17]. Throughput
[BTC06, LPT12, TS05, LH13, LMMN07]. Thue [KKM+85]. TIG
[Mu 95, MuT95, Mun95], Tight [BCT93, Col94a, SV87]. Tighter
[CH92, CH97a]. Time
[BC13b, BG12, BG14, CZ01, CF85, CGS17, CH03, CR95b, CGPR95,
CG+97, CGH+98, FG98, Gal79, Gal81, GS81b, Gal95, GP01, GP03, HM98,
ISNH94, KU99, LKL02, MHT09, PRU11, Sli78, Sli83, Sto96, WBA83, BG90,
BGM13, CL90, CNS18, CH97b, CD96, CGR99, EH88, FLM+10, FG95, Gal75,
Gal76a, GS81a, Gal92, GHST17, GPR95b, GF08, GFG11, GMS12, HKN14,
IKX15, IP96, Kos94, KRL87, KKR+13, Liu81, RP95, Rep98]. Time-
[BC13b], time-optimal [IKX15]. time-sliced [KRL87]. time-space
[GPR95b]. Time-space-optimal [GS81b]. Time/Space [GP01, GP03].
Timed [ACM02]. times [Mid98]. Timothy [Neu10]. tion [Lia84]. TLA
[Lut02, Lut02]. TLex [Kea91b]. TM [BGFK15]. token [WLF14].
Tokenization [Ku11, Sca11, Rep98]. Tokyo [IEE94a, WN90]. tolerant
[BG91a, WLF14]. Tool
[Pol01, WM92b, Ier09, KOI94, Nav01b, NT05, SCF+17]. Toolkit
[Lut02, VVV04]. Tools [Lut02, PPA10, CGM06, Fri97a, Han02, Ano97a].
Top [Sca11, FWW13a, OSM94]. top- [FWW13a]. Top-Performance
[Sca11]. Topological [D’A98, Fu97]. Topologies [VG01, NCV10]. Topology
[ZZL14, MCF+11]. Topology-constrained [ZZL14]. tour [Nav01a], toys
[II09, MI07]. trace [ATdM07]. Track [LT03]. tracking [Job94a, SBS14].
tractable [Lei85]. Trade [Abb94, GHST17]. trade-offs [GHST17]. traffic
[BBK12], transaction [Lus94]. transaction-based [Lus94]. Transducers
[Cro86, Mol94, EHS07, Gal04, GHR+16, VHL+12]. Transform
[ABM08, Neu10, TZYH14, ZMA03]. Transformation
[BCC+13, Gro92, Kha16, AK08, EHS07, GT90, KH06]. Transformational
Transformations [ADR15, DN77, JM90, KC87, SDM01, AK09a, Arr93, ET88, Ryt89, SG12, dLFM07]. transformed [AMB+02].

Transforming [SG16]. transit [BWG12]. transition [BG91a, CW13, GT90]. transitions [Lau00]. Transitive [AS85, LH03].

Translating [HSW97, Rev91]. Translation [AU72, AU73, Ver70b, Ver70a, Rot91, TZYH14]. translational [Man06].

translocations [FGG11]. Transmission [Jok91]. Transposition [HSW97, Rev91]. Translation [AU72, AU73, Ver70b, Ver70a, Rot91, TZYH14]. translational [Man06].

translocations [FGG11]. Transmission [Jok91]. Transposition [HSW97, Rev91]. Translation [AU72, AU73, Ver70b, Ver70a, Rot91, TZYH14]. translational [Man06].

Trees [BYCMW94, BCP02, GHWL15, GoI93, Gro92, GV05, Gys97, HOS92, JZW94, RR92, SCFC94, Sim83, ACFC*+16, CPT92, Gro91a, Gro91b, GV00, JRV96, Kos94, Mäk89, TTHP05, Ukk93, Ver92]. TriAl [LRSV18]. Triangle [IEE89]. Tricks [Abb94]. Trie [CCH09, GO12]. tries [BYG96]. Trigram [Cox12].

Triple stores [LRSV18]. Truly [GP92]. Tucson [ACM97a, Apo92]. Tumor [WZJH12]. Turing [GOMSVGP08]. Turkey [SMD04]. Tutorial [Lut02].

Twentieth [ACM93a]. Twenty [ACM06, ACM07a, AAC+01, AOV+99, B+02, ACM90b, ACM91, ACM92d, ACM93b, ACM94d, ACM95c, ACM97c].


Two [AF92, ABF94a, ABC+04, An968, ADLM96, BYN98, BKL97, Bir77a, BGJ01, CDM15, CL95, CHZ06, CHLT14, CP91, CR92, CGR93, CGC+94, CGP95, CGH+98, CIK98, FU98, FNU02, Gal76b, Gia93, HY92, HW12, JSC83, JU91, KPR00, KU99, LY86, Mid96, Ott94, Par96, She59, TIT83, ZT89, AK08, ABF94b, AKT06, AGM05, ADLM01, BYR93, Bar84, CK02b, CP10, CCG+93, CR94, GP92, HY90, HLN09, KWL07, dSOMY15, Par98, Rot91, SN94, VLP17].

Two- [KU99]. Two-Dimensional [ABF94a, ADLM96, BYN98, BKL97, CL95, CHLT14, CR92, CGR95, CGH+98, CIK98, FU98, Gia93, HW12, KPR00, Par96, ZT89, AF92, ABC+04, CGR93, Mid96, TIT83, ABF94b, AKT06, AGM05, ADLM01, BYR93, CR94, GP92, HLN09, Par98].

Two-Head [LY86]. Two-Level [JSC83, KWL07, dSOMY15]. two-patterns [CP10]. two-point [Rot91]. Two-Sided [CDM15]. Two-Way [CP91, She59]. Type [JM93, Sou99, Van06, FF08, JO97, NI90, Pie08].

type-theoretic [Pie08]. Typed [JP11, XI03, Dow91]. Types [FR00, Pre99, BC93, CGPS13, GLS07, GPN96, HVP00, HVP05, JD89, KS93, Kra08, dSOMY15, OR11, SG16, Vou06]. typeset [San95]. typing


X [SS93b]. X-ray [SS93b]. XDuce [Fri06b]. Xeon [TLS16]. XML [B⁺07, ADT15, ALO8, BGNV10, B⁺07, BKS02, Cam99, Che08, CK02b, CGPS13, CMRV10, DGL12, Dwe00, EHS07, GLS07, Hos06, HVP00, HP01, HP03, HVP05, KS07, KH06, KRLM9, LM01b, MNS07, MNS10, MZZ10, RM06, TB00, dLFM07]. XPath [SSSS10]. XSDs [MNNS12].

Yacc [Cox10c, MD10]. Yates [Hyy08]. years [ACFC⁺16]. York [AP10, Ano97b]. yourself [Abb77].
Zakopane [Win78]. Ziv [BFG09, FT95, FT98, KKP16, NR99b, Nav01c, NT05].
Zooming [PW06, GPR95b]. zur [SM74]. Zvi [Ano97b].

References


Amir:1997:PMS


Amir:1997:IPM


Amir:2000:PMS


Auernheimer:1989:NNM


Ahmed:2009:PSP


Abbott:1977:DIY

for the Seventh Technical Symposium on Computer Science Education.


Amir:1994:AIA


Amir:1994:OTD


Amit:2014:LEP


Adjeroh:2008:BWT


Abrahamson:1987:GSM


Aho:1975:ESM

REFERENCES

Agha:1993:AOD


Atallah:2001:RAA


Aldwairi:2005:CSM


Apostolico:2016:YST


ACM:1969:CRA


ACM:1974:CRS

REFERENCES


REFERENCES


REFERENCES


REFERENCES


ACM:1999:PTF


ACM:2000:PTS


Asarin:2002:TRE


ACM:2006:PTF


ACM:2007:PTS


ACM:2008:SPA

REFERENCES


**Ager:2003:FPE**


**Ager:2006:FPE**


**Alur:2015:DDL**


**Aksoy:2015:RPE**


**Antoy:1994:NNS**

Amir:2011:ASM


Apostolico:2014:MSS


Amir:2006:SME


Amir:1992:TDD


Aceto:1998:QSE


Amir:1994:ADP

REFERENCEs

Apostolico:1984:PMM

Apostolico:1997:PMA

Atkinson:2006:EPM

Anselmo:2005:NOR

Andre:1993:ESI
REFERENCES


Augustsson:1989:CLM


REFERENCES

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


Albert:1989:CMA

Alexander:1994:SCS

Allen:1982:FID

Amir:1997:PMH

Amir:2000:PMH
Amir:1998:ESCa

Amir:1998:ESCb

Amir:2007:DTS

Aumann:2011:FWP

Amir:2004:FAS

Amir:2008:PEC
Amir:1992:EPM


Aiken:1991:IRT


Antimirov:1995:RER


Atzeni:1997:CP


Adjeroh:2002:PMB

REFERENCES


Anonymous:1997:BRPj


Anonymous:19xx:URE


Anonymous:2001:MLP


Anonymous:2012:BRR


Anonymous:2017:ENS


Antimirov:1995:PDR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Aoe:1984:MIS]


[Aoe:1984:MIS]

REFERENCES


CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES


REFERENCES


Baeten:2007:CRE


Bartolini:2002:SMM


Breslauer:1993:TCB


Breslauer:1994:ECS


Breslauer:1998:CCS


Ben-Chen:2009:VHM

REFERENCES


REFERENCES


REFERENCES


Bohannon:2008:BRL


Buneman:2000:UQL


Broberg:2004:REP


Breslauer:1990:OTP


Belli:1991:SFT

REFERENCES


REFERENCES


Brown:2007:RIS


Bird:1977:TDP


Bird:1977:IP1


Bird:2010:PFA


Blunschi:2012:SGS


Beyer:1979:LAI


Brazma:1986:GRE

Burton:1989:FPQ


Brueggemann-Klein:1993:UER


Brueggemann-Klein:1993:UER


Brueggemann-Klein:1993:REF


Bunke:1993:JPS


Ben-Kiki:2014:TOP

Baek:2018:EGP


Berman:1997:CPM


Bruno:2002:HTJ


Bruggemann-Klein:1992:DRL


Bertossi:1994:PSM

REFERENCES


Barcelo:2011:QGP


Buneman:1994:CS


Benedikt:2003:DRF


Blum:2008:LCL


Boyer:1977:FSS


Bertossi:2000:RNS

[BM00] A. A. Bertossi and A. Mei. A residue number system on reconfigurable mesh with applications to prefix sums and


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Barrero:1983:RTE]


[Bundy:1994:ADC]


[Bunke:1995:FAM]


[Burkowski:1982:HHS]


[Burkowski:1984:CHH]

REFERENCES


[BYG92] Ricardo Baeza-Yates and Gaston H. Gonnet. A new approach to text searching. Communications of the Association for Computing Machinery, 35(10):74–82, October 1992. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/0001-0782/135243.html. This paper describes a new linear-time string search algorithm that can handle limited regular-expression pattern matching without backtracking. See also [KMP77b], [BM77], [KR81], [Sun90], and [WM92a].


REFERENCES


REFERENCES

CODEN LNCSDD9. ISSN 0020-0190 (print), 1872-6119 (electronic).

[Calsavara:2000:JQH]

[Cameron:1999:RXS]

[Clarke:1997:URE]

[Cantone:2013:ESM]

[Campanelli:2012:PMS]

[Cole:1993:OFP]


Chew:1995:GPM


Champarnaud:2015:TSD


Corradini:1995:FAM


Calvanese:2008:CQC


Cochran:2015:PBP


Calvanese:1999:RRE

Caron:2011:PMB


Cockx:2014:PMK


Cringean:EPODD-4-4-185


Copi:1958:REL


Cheng:1985:APF


Casanova:1988:SPP

REFERENCES


REFERENCES


REFERENCES


[CGM06] Badrish Chandramouli, Jonathan Goldstein, and David Maier. High-performance dynamic pattern matching over dis-

Cadar:2008:EAG  

Crochemore:1995:TDP  

Colazzo:2013:ALI  

Crochemore:1993:TDP  

Crochemore:1999:CSS  

Chan:2002:RTE  
[Chan02] Chee Yong Chan, Minos N. Garofalakis, and Rajeev Rastogi. RE-Tree: An efficient index structure for regular expressions.
REFERENCES


REFERENCES


REFERENCES


[Che96] Zhi-Zhong Chen. Parallel constructions of maximal path sets and applications to short superstrings. *Theoret-
Cheney:2008:FFU

Chivers:2017:OUR

Chlipala:2008:PHO

Chen:2014:BPA

Chan:2007:CID

Cole:2014:TDP
REFERENCES


REFERENCES


REFERENCES


Champarnaud:2012:ARE


Clifford:2012:PMM


Clifford:2013:SLB


Chew:1992:IGP


Chakaravarthy:2002:PCS


REFERENCES


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


Cormode:2007:SED


Cho:2008:IAB


Chandran:2008:IAO


Consens:2010:EXW


Cho:2008:DNP


Cruz:1987:GQL

REFERENCES

proceedings/mod/38713/p323-cruz/. ACM order number 472870.


REFERENCES


REFERENCES

oup.co.uk/computer_journal/hdb/Volume_32/Issue_04/tiff/361.tif.


REFERENCES


REFERENCES


[CW13] Chien-Chi Chen and Sheng-De Wang. An efficient multicharacter transition string-matching engine based on the Aho-


REFERENCES


REFERENCES

[deAlmeida:1993:SMA] Nalvo F. de Almeida, Jr. and Valmir C. Barbosa. A string-
matching algorithm for the CREW PRAM. Information Processing Letters, 47(5):257–259, October 8, 1993. CODEN IF-
PLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

approximate string matching algorithms. IEEE Transactions on Knowledge and Data Engineering, 6(4):620–633, August
1994. CODEN ITKEEH. ISSN 1041-4347 (print), 1558-2191
(electronic).

tern matching techniques for replacing missing sections of au-
April 2015. CODEN ???? ISSN 2157-6904 (print), 2157-6912
(electronic).

gorithms. Software — Practice and Experience, 12(1):57–66,
January 1982. CODEN SPEXBL. ISSN 0038-0644 (print), 1097-024X (electronic).

string matching. Information Processing Letters, 100(1):14–
20, October 16, 2006. CODEN IFPLAT. ISSN 0020-0190
(print), 1872-6119 (electronic).

mismatches. Information Processing Letters, 55(2):105–110,

tree from a regular expression. Acta Informatica, 37

Deaton:1993:ACS


Dubiner:1990:FTP


Dubiner:1994:FTP


Durian:2010:IPE

Dijkstra:1976:PMP


Dijkstra:20xx:PMP


Ditzel:1978:PMH


DeBosschere:1996:EFL


Deo:2013:PSA


Denning:2011:MIV


DeNicola:2003:NRE


Dawson:1996:PPU


Daptardar:2004:AKM


Oliveira:2015:MRM


Das:1994:SAI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[FLS98] Daniela Florescu, Alon Levy, and Dan Suciu. Query containment for conjunctive queries with regular expres-

Fischetti:1993:CIP


Fischetti:1993: IPO


Fredriksson:2006:EPS


Franklin:2002:PAS


Ferragina:1999:MMD

Fredriksson:2004:AOS


Faezipour:2009:HPE


Fredriksson:2002:OEF


Fosdick:1976:DFA


Forest:2002:WCE


Foster:1989:ALF

REFERENCES


Fredriksson:2003:SSM

Fredriksson:2006:LAS

Fredriksson:2006:LAS

Friedl:1997:MRE

Friedl:1997:MRE

Friesenhahn:1997:EOU

Friesenhahn:1997:EOU

Friedl:2002:MRE

Friedl:2006:MRE

Friedl:2006:MRE
REFERENCES


REFERENCES


REFERENCES

Fan:2013:DTK


Fan:2013:IGP


Fang:2017:SPM


Gaá04


Galil:1976:RTA


Galil:1976:TFS

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>


Gelade:2012:REC


Gramm:2006:PMA


Guoan:1982:USM


Gruber:2009:LOR


Gruber:2013:PSR


Gruber:2015:FAR


REFERENCES


1973. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317
(electronic).

[GIMV03] Martin Gavrilov, Piotr Indyk, Rajeev Motwani, and Suresh
Venkatasubramanian. Combinatorial and experimental
methods for approximate point pattern matching. Algorithmica,
38(1):59–90, October 2003. CODEN ALGOEJ. ISSN 0178-4617
article&issn=0178-4617&volume=38&issue=1&spage=59.

expressions. Journal of the Association for Computing Ma-
chinery, 14(2):355–362, April 1967. CODEN JACOAH. ISSN
0004-5411 (print), 1557-735X (electronic).

[GJ16] Sunita Garhwal and Ram Jiwari. Parallel fuzzy regular
expression and its conversion to epsilon-free fuzzy automa-
ton. The Computer Journal, 59(9):1383–1391, September
2016. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-
org/content/59/9/1383.

[GK86] M. D. Grigoriadis and B. Kalantari. A lower bound to
the complexity of Euclidean and rectilinear matching algo-
rithms. Information Processing Letters, 22(2):73–76, January
18, 1986. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-
6119 (electronic).

[GL86] William I. Grosky and Yi Lu. Iconic indexing using gener-
alized pattern matching techniques. Computer Vision, Graph-
CODEN CVGPDB. ISSN 0734-189x (print), 1557-895x (elec-
tronic).

with $k$ mismatches. Information Processing Letters, 33(3):
Grobauer:2001:PEP


Gennick:2003:ORE


Goyvaerts:2012:REC


Garcia:2011:RES


Gusfield:1992:EAA


Geneves:2007:ESA

Genest:2002:PMM


Giancarlo:2011:CPM


Giavitto:2002:PMR


Grozea:2012:SMI


Groz:2012:DRE

REFERENCES


**Gonnet:1983:UDB**


**Gonnet:2002:SMP**


**Good:2005:RER**


**Gorman:2000:PCT**


**Galil:1990:IAA**


**Galil:1992:TAI**

REFERENCES


Gemis:1993:OOP


Gasieniec:2001:TSE


Gasieniec:2003:TSE


Gostanza:1996:NLP


Galil:2004:TDP

References


Grabowski:2015:NLC  

Greenwood:1988:VSR  

Griss:1979:HKR  

Griswold:1983:ISP  

Griswold:1985:RSI  

Grossi:1991:FCS  


REFERENCES

Ganesan:1993:STL


Gokhale:1993:DBC


Giancarlo:2000:CPM


Gustafsson:2006:EMB

REFERENCES


REFERENCES


REFERENCES

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


Heiberg:2003:TDF


Hardavellas:2009:RNN


Hullin:2008:FIR


Hyyro:2005:IBP


He:2005:WWS

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal/Conference</th>
<th>Volume/Issue/Number</th>
<th>Pages</th>
<th>Year</th>
<th>ISSN (print)</th>
<th>ISSN (electronic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Hir96]</td>
<td>Yoram Hirshfeld</td>
<td>Undecidability of language equivalence for generalized regular expressions</td>
<td>Fundamenta Informaticae</td>
<td>26(1)</td>
<td>95–102</td>
<td>January 1996</td>
<td>0169-2968</td>
<td>1875-8681</td>
</tr>
<tr>
<td>[HJ99]</td>
<td>A. Henrich and S. Jamin</td>
<td>On the optimization of queries containing regular path expressions</td>
<td>Lecture Notes in Computer Science</td>
<td>1649</td>
<td>58–??</td>
<td>1999</td>
<td>0302-9743</td>
<td>1611-3349</td>
</tr>
</tbody>
</table>
REFERENCES

Hanada:2014:ACL


Heering:1992:IGL


Hemer:1997:RVD


Hazay:2010:EPS


Hundt:2009:CGA


Hazay:2007:APM

[HLS07] Carmit Hazay, Moshe Lewenstein, and Dina Sokol. Approximate parameterized matching. *ACM Transactions on Algo-
REFERENCES

Hon:2011:COI


Hoffman:1987:MC


Hirschberg:1996:CPM


Hagenah:1998:CFN


Henglein:2011:REC


Homer:2013:POG


Hoffmann:1982:PMT


Holub:1984:GCU


Hoffmann:1985:IIA


Hoffmann:1985:IIA


Hosaya:2006:REF

REFERENCES

Howard:1996:LLC


Howard:1997:TIC


Hosoya:2001:REP


Hosoya:2003:REP

REFERENCES


REFERENCES

Hoeffer:2010:SCP


Hori:2001:FPM


Hromkovic:1997:TRE


Hazay:2014:CSP


Hirvola:2017:BPA


Hon:2017:PAE

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


Horspool:1993:SAP

Hosoya:2000:RET

Hosoya:2005:RET

Han:2007:OSR

Hooimeijer:2009:DPS

Hundt:2012:ETD
REFERENCES


[HY90]   K. Hashiguchi and H. Yoo. Extended regular expressions of star degree at most two. Theoretical Computer Science, 76
REFERENCES


**Hashiguchi:1992:TRS**


**Hyyro:2008:IBP**


**Hao:2013:TPP**


**Aoe:1994:CAS**


**Ibarra:1997:FPM**


**IEEE:1988:PSN**


REFERENCES


IEEE, editor. 38th Annual Symposium on Foundations of Computer Science: October 20–22, 1997, Miami Beach, Florida. IEEE Computer Society Press, 1109 Spring Street,
REFERENCES


IEEE:2001:ISRb


IEEE:2009:PAI


Ierusalimschy:2009:TPM


Irving:1994:MCS


Israeli:1986:FSR


Islam:2008:STS

[II08] Aminul Islam and Diana Inkpen. Semantic text similarity using corpus-based word similarity and string similarity. *ACM
REFERENCES

Transactions on Knowledge Discovery from Data (TKDD), 2 (2):10:1–10:??, July 2008. CODEN ????. ISSN 1556-4681 (print), 1556-472X (electronic).

Igarashi:2009:DPT


Islam:2008:ACB


I:2013:PPM


Ito:1983:HFO


Ileri:2015:SYT

Isradisaikul:2013:REP


Iliopoulos:2001:MSA


Iliopoulos:2008:NAP


Iliopoulos:1997:CSF


Indyk:1997:DSC

REFERENCES

Indyk:1998:FAS


Iliopoulos:1996:WTO


Israeli:1986:IPA


Isenman:1990:PAI


Idury:1994:MMP


Idury:1996:MMP


Jiang:1993:OWH


Jiang:2014:SSJ


Jambunathan:1992:DIF


Ju:1985:CSF


Janicki:1990:TSS


Jategaonkar:1993:TIE


Judd:2008:BGG

Christopher Judd, Joseph Faisal Nusairat, and James Shin-


REFERENCES

http://comjnl.oxfordjournals.org/content/33/2/133.full.pdf+html; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/133.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/134.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/135.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/136.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/137.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/138.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_33/Issue_02/tiff/139.tif

Jones:2007:CPS


Jørgensen:1992:GCL


James:1973:ACP


Jay:2011:TSI


JaJa:1996:SSC


Johnsen:1983:CTL


Jeon:2009:AAP


Jenks:1994:HMA


Jokinen:1996:CAS


Jokinen:1991:TAI


REFERENCES


[KEF*14] Jinil Kim, Peter Eades, Rudolf Fleischer, Seok-Hee Hong, Costas S. Iliopoulos, Kunsoo Park, Simon J. Puglisi, and


Kiezun:2012:HSW


Kumar:2005:PCO


Kawanaka:2006:BBT


Khan:2016:TOS


Kida:2009:STB


Kusudo:2015:BPA


REFERENCES


Kawahito:2006:NIR


Kim:1992:DSN


Karkkainen:2017:LLZ


Kubica:2013:LTA


Kim:2001:FRQ


Krotzsch:2012:PPA

[KLH12] Markus Krötzsch, Maurizio Lenzerini, and Michael Benedikt, editors. *PODS’12: Proceedings of the 31st ACM SIGMOD-


REFERENCES


REFERENCES

Kida:2001:MPM


Katoen:2000:PMA


Krauss:2012:PPR


Knight:1989:UMS


Kuri:2000:PMB

Kucherov:2012:CDP


Kiwi:2011:LAS


Knuth:1998:SS


Knuth:2005:ACPb


Kashyap:1983:NSM


Kodratoff:1979:CFS

REFERENCES

Kakeshita:1994:FCS


Kornman:1983:PMP


Kosaraju:1989:ETP


Kosaraju:1994:RTP


Kebler:1993:APP


Kernighan:1999:PP


Karhumaki:2000:PMP


Karp:1981:ERP


Karp:1987:ERP


Katajainen:1989:AAS

Katajainen:1992:ALM


Karpinski:1994:AIO


Kucherov:1995:UGR


Kucherov:1997:MSS


Krauss:2008:PMP


Krishnaswami:2009:FPM

REFERENCES


[KSH+15] Jinha Kim, Hyungyu Shin, Wook-Shin Han, Sungpack Hong, and Hassan Chafi. Taming subgraph isomorphism for RDF


REFERENCES


REFERENCES


REFERENCES


Kumar:2015:IAM


Kulekci:2012:FPM


Kim:2007:GAT


Kim:2008:SOF


Kupferman:2002:IAM

REFERENCES


Lladser:2008:MPM


Lu:2006:PFS


Little:2010:OSM


LeBret:1991:RSM


Lecroq:1995:ERS


Lecroq:1998:ESM


REFERENCES


A. H. M. Levelt, editor. ISSAC ’95: Proceedings of the 1995 International Symposium on Symbolic and Algebraic Com-
REFERENCES

Lemstrom:2003:APM


Lee:2013:PMS


Lai:1993:AAD


Liu:2004:FSM


Liang:1984:WHP


Lifshits:2003:LBS

REFERENCES


Lenka:2006:SML


Lee:2002:EPM


Lee:2003:HOO


Lin:2013:APM


LeBlond:2012:CPB


Lu:2013:NFM

REFERENCES


J. Liu and A. C. Myers. JMatch: Iterable abstract pattern matching for Java. *Lecture Notes in Computer Science*, 2562:

[Losemann:2012:CEP]


[Losemann:2013:CRE]


[Lancia:2017:SSS]


[Leonardi:2007:OSR]


[Losemann:2016:CPD]

[LMRT14] Moshe Lewenstein, J. Ian Munro, Venkatesh Raman, and Sharma V. Thankachan. Less space: Indexing for queries with...


Tak-Wah Lam, Wing-Kin Sung, and Swee-Seong Wong. Improved approximate string matching using compressed suffix
REFERENCES


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

Leonard:2008:SDP


Lucarella:1996:VRE


Li:1998:HRE


Moraru:2012:EPM


Maass:2006:MSE


Ma:2014:TAC

Maddock:2001:REC


Mae90


Maeder:1994:MPLa


Magel:1981:REP


Matsuoka:2016:GPM


Mäkinen:1989:SIP

REFERENCES


REFERENCES

Maranget:2007:WPM


Matos:1994:PSI


Manber:1991:ASM


Ma:2011:CTG


McIsaac:1985:PMA


McIsaac:85


McIlroy:2004:ESR

REFERENCES


REFERENCES


REFERENCES

[Middendorf:1996:TDP]

[Middendorf:1998:SCS]

[Mitani:2017:PEA]

[Mischel:1989:WAE]

[Misra:2003:DPS]

[Mahajan:1990:EPI]
REFERENCES


Michailidis:2002:PSL


Michailidis:2003:PEL


Michailidis:2007:PAP


Mateescu:2011:CEC


Medeiros:2014:RPE


[Mor02] D. S. Morris. Automatically grading Java programming assignments via reflection, inheritance, and regular expressions.
REFERENCES


Mitchell:1988:OHS


Mauri:2005:APM


Marion:2009:SIS


Moreira:2012:DRE


Meiners:2014:FRE


Muthukrishnan:1992:SMU

REFERENCES


Matsubara:2017:NDI


Madhavan:2000:EGG


Mohanty:2014:SOS


MuQqoz:1995:MTW


REFERENCES


REFERENCES


[NA90] Ahmed K. Noor and Carl M. Anderson. Application of symbolic computation to geometrically nonlinear analysis of
REFERENCES


Navarro:2006:MIA


Ni:2014:HCD


Nordio:2010:IQE


Nedjah:2002:PMC


Nedjah:2002:ECD


Nedjah:2002:OAP


REFERENCES


G. Navarro and M. Raffinot. A bit-parallel approach to suffix automata: Fast extended string matching. Lecture Notes in
REFERENCES


REFERENCES


Owolabi:1988:FAS


Otto:1998:EUW


Ordyniak:2016:PSM


Ophel:1989:IMR


Ong:2011:VHO


Oh:2012:MTS


[ORT08] Scott Owens, John Reppy, and Aaron Turon. Regular-expression derivatives reexamined. Report, University of Cambridge and University of Chicago and Northeastern University, Cambridge, UK; Chicago, IL, USA; Boston, MA, USA, August 12, 2008. 18 pp. URL http://www.ccs.neu.edu/home/turon/re-deriv.pdf.


REFERENCES


REFERENCES


Prins:1999:ICF


Peng:2012:TBN


Prasad:1994:EEP


Pajares:1998:PRL


Peleg:1987:CPS


Perleberg:1994:SCS


REFERENCES


Pao:2010:MEP


Parker:1978:SCO


Papadias:2001:AST


Petricek:2011:EMP


Pol:2001:PST


Poleksic:2013:IAM

Aleksandar Poleksic. Improved algorithms for matching $r$-separated sets with applications to protein structure alignment. *IEEE/ACM Transactions on Computational Biology*
REFERENCES


Poulovassilis:1993:PMA


Parigot:1985:LAP


Percus:1994:SMN


Porat:2009:EAP


Pasetto:2010:TVF


Papadopoulos:2015:PAP

Porat:2008:PMP


Prather:1997:REP


Preoteasa:1999:RBU


Pizzi:2011:FSM


Padberg:1989:CMB


Partsch:1990:FPM


Pai:1993:SCR

Dinesh K. Pai and Tony H. S. Ser. *Simultaneous computation of robot kinematics and differential kinematics with automatic
differentiation. IEEE Computer Society Press, 1109 Spring
Street, Suite 300, Silver Spring, MD 20910, USA, 1993. ISBN
catalog number 93CH3213-6.

[PS93b] Laurence Puel and Ascánder Suárez. Compiling pattern
matching by term decomposition. *Journal of Symbolic Com-
0747-7171 (print), 1095-855X (electronic).

[PS10] Gopal Pandurangan and Wojciech Szpankowski. A uni-
versal online caching algorithm based on pattern match-
ing. *Algorithmica*, 57(1):62–73, May 2010. CODEN AL-
GOEJ. ISSN 0178-4617 (print), 1432-0541 (electronic).
article&issn=0178-4617&volume=57&issue=1&spage=62.

[PSK08] Christina M. Patrick, SeungWoo Son, and Mahmut Kan-
demir. Comparative evaluation of overlap strategies with
study of I/O overlap in MPI-IO. *Operating Systems Review*,
42(6):43–49, October 2008. CODEN OSRED8. ISSN 0163-
5980 (print), 1943-586X (electronic).

[PSK17] Lionel Parreaux, Amir Shaikhha, and Christoph E. Koch.
Quoted staged rewriting: a practical approach to library-
defined optimizations. *ACM SIGPLAN Notices*, 52(12):131–
145, December 2017. CODEN SINODQ. ISSN 0362-1340
(print), 1523-2867 (print), 1558-1160 (electronic).

[PV91] H. A. Partsch and N. Volker. Another case study on reusabil-
ity of transformational developments pattern matching ac-
cording to knuth, morris, and pratt. *Lecture Notes in Com-
puter Science*, 544:35–??, 1991. CODEN LNCSD9. ISSN 0020-
0190 (print), 1872-6119 (electronic).

[PVA+92] Jan Paredaens, Jan Van den Bussche, Marc Andries, Marc
Gemis, Marc Gyssens, Inge Thyssens, Dirk Van Gucht, Vijay

Pitt:1993:MCD


Pevzner:1995:MFA


Plumlee:2006:ZVM


Qiu:2007:ESA


Qu:2008:RPM

REFERENCES


REFERENCES


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


REFERENCES

Rote:1991:CMH


Rauchwerger:1995:LTS


Rodeh:1981:LAD


Ramesh:1990:PTP


Ramesh:1992:NPM


Rabin:1959:FAT

paper shows the equivalence of deterministic and nondeterministic finite automata.

**Regnier:1998:CSP**


**Rottenstreich:2017:ORC**


**Rendel:2015:ARL**


**Rautio:2002:SMSa**


**Rautio:2002:SMSb**

REFERENCES


REFERENCES


REFERENCES


**Smith:1988:ILL**


**Storer:1993:DDC**


**Storer:1995:DDC**


**Storer:1996:DDC**


REFERENCES

Storer:2003:DPD

Storer:2004:DCC

Storer:2005:DCC

Scarpazza:2011:TPT


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

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


Schmid:2013:ICR


Savoy:EPODD-4-2-87


Solodkyy:2014:OPM


REFERENCES

Singh:2001:PMN


Singh:2012:LSS


Singh:2016:TSD


Shankar:2000:NAL


Stearns:1985:ECP


Sharpe:1988:ARE

REFERENCES

Shapiro:1993:CCR


Soo:1993:DCP


Shepherdson:1959:RTW


Shields:1992:SME


Shields:1997:SMB


Shibuya:2000:GST


Yusuke Shibata, Takuya Kida, Shuichi Fukamachi, Masayuki Takeda, Ayumi Shinohara, Takeshi Shinohara, and Setsuo Arikawa. Speeding up pattern matching by text com-
REFERENCES


November 2006. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


[SM10] James A. (James Andrew) Storer and Michael W. Marcellin, editors. *DDC 2010: proceedings: Data Compression Confer-
REFERENCES


**Storer:2011:DDC**


**Sahinalp:2004:CPM**


**Siromoney:1994:ILW**


**Smith:1991:PEP**


SilvadeMoura:2000:FFW


Sommerville:1982:PMS


Soufi:1999:TSR


Spencer:regexp


Schwartz:2008:LP


Spinellis:1999:DPO


Spinellis:1999:TCD

Dionidis Spinellis. Technical correspondence: Declarative peephole optimization using string pattern matching.

Sitaridi:2016:GAS


Sridhar:1988:CBG


Srinivas:1993:STA


Sekar:1992:APM


Sekar:1995:APM


Shevchenko:1993:SRP

Ivan I. Shevchenko and Andrej G. Sokolsky. Studies of regular precessions of a symmetric satellite by means of com-


REFERENCES


REFERENCES


REFERENCES

Stubblebine:2007:REP


Sun:1990:VFS


Sykora:1987:TCA


Sahinalp:1994:PAM


Schwerdfeger:2009:VCD


Sagot:1997:MSC

Saxton:1990:FGA


Schwartz:1993:DSI


Snodgrass:1994:PAS


Sima:1998:TN


Smyth:2009:AHP


Schafer:2012:DCH

[SW12] Benjamin Carrion Schafer and Kazutoshi Wakabayashi. Divide and conquer high-level synthesis design space explo-
REFERENCES


Sun:2012:ESM


Salton:1975:VSM


Squillante:2001:AQU


Smith:1972:GRE

REFERENCES


REFERENCES


[Tan06] Lin Tan, Brett Brotherton, and Timothy Sherwood. Bit-split string-matching engines for intrusion detection and preven-
REFERENCES


tenCate:2009:NEP


Tucci:1991:RNP


Tsui:1990:OES


Tuijn:1996:CCG


Tarhio:2017:TBA


Thiemann:1993:ART

REFERENCES

CODEN LNCS9D. ISSN 0020-0190 (print), 1872-6119 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Umali:1997:BRM  

USENIX:1992:PWU  

Ukkonen:1993:ASMb  

Valiente:2009:CPM  

Vansummeren:2006:TIU  

vanderLoo:2014:PRP  

Vujovic:1998:EAF  
 REFERENCES

Varol:2012:HMA


Valgenti:2012:GGH


Viswam:2017:EBF


Vere:1970:TEE


Vere:1970:TE


Verma:1992:STP


Viksna:2001:PMP

Juris Viksna and David Gilbert. Pattern matching and pattern discovery algorithms for protein topologies. *Lecture Notes
REFERENCES


VanWyk:1988:LPE  

Veanes:2012:SFS  

Vialette:2002:PMP  

Vialette:2004:CCI  

Vineberg:1977:ICSa  
REFERENCES


vanNoord:2001:ERE


Volanschi:2012:PMM


Vouillon:2006:PRT


Vilares:2001:AVP


Voss:2001:APP


Walther:1988:MSU


Walker:1989:FPI


Watson:1996:NRG


Watson:2003:NRG


Weste:1983:DTW


Wang:2014:ODA


Wang:1994:CPDa

[WCM+94a] Jason Tsong-Li Wang, Gung-Wei Chirn, Thomas G. Marr, Bruce Shapiro, Dennis Shasha, and Kaizhong Zhang. Com-

Wang:1994:CPDb


Wong:1982:DAS


Wendling:1999:PRS


Weatherford:1994:HPE


Weiser:1983:RSB


REFERENCES

Weber:1994:APP


Wolinski:2009:ADA


Wandelt:2015:MCS


Wang:2015:FPPb


Wang:2014:ESS


Wu:1992:FTS

agrep program, publicly available via ANONYMOUS FTP to cs.arizona.edu in the agrep subdirectory. See also [BYG92].


Wolff:1990:SPU


Alden H. Wright. Approximate string matching using within-word parallelism. *Software — Practice and Experience*, 24
REFERENCES


(WZ96) B. W. Watson and G. Zwaan. A taxonomy of sublinear multiple keyword pattern matching algorithms. *Science of Com-
REFERENCES


REFERENCES


REFERENCES

August 2013. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). PPoPP ’13 Conference proceedings.

Ye:2008:DSA


Yu:1995:DTA


Yu:2015:ESS


Yuan:2018:ASP


Yoo:1991:EAL


Yoo:1992:ERE

H. Yoo and K. Hashiguchi. Extended regular expressions of arbitrary star degrees. Theoretical Computer Science, 97(2):
Yu:2015:EEA


Yasuda:1989:PAM


You:1984:PES


Yoshida:2011:PCP


Yang:2011:FME


REFERENCES


REFERENCES

Zhai:2012:MML


Zobel:1995:FAM


Zeilberger:2008:FHO


Zaki:1985:PSA


Zheng:2015:ESS


Zhu:2016:BAC

REFERENCES


[ZKCY07] Minghua Zhang, Ben Kao, David W. Cheung, and Kevin Y. Yip. Mining periodic patterns with gap requirement from se-


REFERENCES

Zu:2012:GBN

Zeng:2012:CSB

Zhang:2010:PMW

Zhang:2016:CRA