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[k] [ADGM91, BL94b, KM81]. 2 [Dam03]. 3 [SRW02], + [Han81a], T [Bla03]., [AW82].
∥ [DDDCG02]. A [DES12]. R [JMSY92].
R [LR]. [VR95]. ε [ADG+94]. O(n log n)
[Pet82]. φ [CF95, DR05]. π [ABL03].
-calculus [ABL03]. Exclusion [ADG94].
-function [DR05]. Nodes [CF95]. Tree [Han81a]. valued [SRW02].

11 [ND16]. 16 [TGT20].


40 [TGT20].

568 [Han81b].

8 [Ano18].

90 [DP99]. 95 [WJS+00].

Abstract
[BGL93, BK11, CMB+95, CFG+97, DGG97, DC22, DLR16, ELS+14, EO80, GS98, HL82, JPP91, KRR18, Lan80, LO94, LV94, LM18, LR13, Loe87, MSJ94, MXZ+22, Pet82, SH89, TB98, Wis79, BKR98, BH99, DR05, DVD07, JNZ06, Van96a, Van96b, Han81b, BKR05].

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Information [AR80, Ano82, Ano83, Ano84, Ano85, Ano86b, Ano87, Ano88b, Ano89b, Ano90b, Ano91b, Ano92b, ASF17, BC85b, HR02, NGB13, PBR+15, PS03, RSPS23, GS99, HY07, LN02, OYR09, TZ07].


Injection [SBE+19]. Input [BS83, SJW23, vPS81]. Input-Output [BS83]. Inputs [PA86a]. Insensitive [Hor97, FJKA06]. Insertion [AKNP17, GJ05]. inspection [CF04, FG03].

Instantiation [Der85]. Instead [Lam84, Rem81]. Instruction [KPF95, LCBS19]. Instructions [LS80, PS93, RF97, Rob79, LPP01]. Integer [BAGM12, BEF+16, FNBG20, HSD22, BG999]. Integrated [SS13]. Integrating [HPR89, WJS+00]. Integration [CO09, Leu04]. Intensional [STS03]. Interaction [WSH15, WT11, van88, BCM99].


Interferences [FTJ95]. Interfering [Jon83]. Interleaved [LZR22].

Interleaved-Dyck [LZR22]. Intermediate [Lam87, Pem83, TvS82]. Internal [Han81a].

International [Wol92]. Interoperability [Ano18, GSS+18]. interoperable [BFGT08].

Interpretation [BL93, CFG+97, DC22, DLR16, KRR18, LV94, MSJ94, BDL+08, BdlBH99, DGG97, Leu04, SYH07]. Interpretation-Based [DLR16]. Interpretations [CM+05, HY91, SJ03]. Interpreters [LR13, CEG07].

Interprocedural [Bur90a, BT93, DP97, HAM+05, HS94, HBC99, HRB90, LWR21, ML21, NR06, SH89, CKT86, DVD07, DGS97, FMoPS11, JLRS10, KK07, RLS+01]. Interprocess [RS84b]. Interprocessor [Ang89]. Interruptible [BNV+21].

intersection [Dan03]. Intertask [FY85]. Interval [Bur90a, GNS+15, FH04].

Interval-Based [Bur90a]. Introduction [Ahm20, DeM83, HCW82, Mül21, Per90, Rep86, Sag07, Wol92, Yos22]. Invariant [BKB80]. Invariants [Cla80, GEGP17].

Irreducible [Har97, UM02]. irregular [YF98]. Irrelevant [GP81]. Iso [LBN17, ZZO22]. Iso-Recursive [LBN17, ZZO22]. Isolation [Wha94].

Isomorph [JJD98]. Isomorph-free [JJD98]. Issue [Ahm20, Ano18, TGT20, Yos22, Sag07]. Issues [BO94]. Iterable [Gor21]. Iterated [GA96]. Iteration [Cam89, MOSS96, GS11, JLF02, Qia00].

Iterative [Ans87, Par90, DR05, JNMG10, LS04].

Jade [RL98]. Jam [ALZ03]. Java [AFF06, ALZ03, AAD+07, BH05a, Bla03, BALP06, CGS+03, CMS03, CSCM00, FFLQ08, FM99, GPF08, IPW01, KKN06,
KGMO04, KN06, KR01, LST02, LP06, LS08, Loc13, MMV'01, MME'10, MFRW09, MMG00, NR06, OKN06, Qi00, RRB19, SLC03, SMP10, SBE'10, SA99, SYK'05, TN19, TSL'02, WR08. Java-like [KN06].
JavaCOP [MME'10]. JavaGI [WT11].
Just-In-Time [TN19, DLR16, SYK'05]. JVM [HO07].
KaeOS [BH05a]. Kaiser [Tic88]. Kernels [BCD'15, ATD08]. Keys [PB80].
Kilbury [Lei90]. Kitsune [HSS'14]. Kleene [Koz97].
Knot [MC82a]. knowledge [GLMM05].
labels [Sto04]. Laboratory [Bor81].
LaLonde [Hen83, LaL83]. LALR [DP82, KM81, PCC85].
Lambda [Geo84, Gom92, NN86, PS08]. Laminar [PBR'15]. Lamport [Ang86, Pet83b].
Language [ACP91, AOC'88, Ano18, ABPS98, BS86, BPP91, BO94, Bor81, BC91, DVL15, Fat82, Fca87, FFF'18, GSS'18, Gud92, Hal85, HSG17, JMSY92, JPP91, Kai89, LVRG21, McGe82, Per79, PPS79, RTD83, RCS93, RKW'23, Sp086, SNS'14, SDD21, Tur84, Wet82, Win87, YSR91, YB87, dJKV82, van88, Bou05, BSvGF03, CFP'18, DWW08, DF98, FM99, Gro06, HBJ98, KNO6, LP99, MF09, MWC99, PPT08, PHEK99, Tra08, VHKO02, HCW82, YB88].
Linearity [KPT99].
Linearizability [HW90, DSW11]. Linearization [SCP23].
Linguistic [LS83, Wei90, FGM'07a]. Link [DDD05]. Link-time [DDD05]. Linking [QL91, Dug02]. LIPS [CDFP89]. LISF [GCRN11].
Live-Structure [MBW94]. Liveness [ACW90, GC86, OL82, RY88, HDH02]. LL [BF87]. LLVM [HL22]. Load [KPF95].
Loaded [BG89a]. Local [BDFZ09, CBDGF95, PT00, SDB20, TSB08, Wei89, Dann03, San96]. Locality [BAC16, MCT96, VALG05, ZSD09]. Locally [AB81, Bac84, Min84]. locating [JNNG10]. Localizer [ZMVPJ17]. Lock [GEP17, KS10]. Lock-Free [GEP17].
lock-freedom [KS10]. locking [AFF06].
LOCKSMITH [PFH11]. Logic
[AS89, AFV98, Apt81, BNN22, BGL93, BL87, BCD90, BDJ13, BMP94, CS04, CES86, CFM94, DW99, Deb89, DL93, Deb95, DJP+16, JPP91, Kar84, LS8, Lam94, MW84, MSJ94, MMG92, MPLM23, PZ22, SS98, Sok87, TK94, TB95, dBH21, BBTS07, BMR01, BCG+07, BdlBH99, CU08, CG86, CSS99, DDY99, DD09, GHB+96, GW99, HBB+99, HPMS00, KWL09, LMD98, Leu04, PM06, RKRR04, SW02, Yin11, dHB+96].

Logical [BNN18, GGL15, GS98, TY18, RSL10, Tar07]. Look [DP82, GMN+21]. Look-Ahead [DP82]. Lookahead [KM81, MF88]. Loop [BAC16, CS87, MCT96, Si79, RKSR12]. Low [CSCM00]. low-end [CSCM00]. lower [FNBG20, PW94]. LR [LaL84, ADGM91, BL94b, BF87, CPRT02, DMM88, Jef03, JP17, KC01, LaSe1, SS82, ST00b]. LR-based [KC01].

M [Bur91, Mul92]. M-LISP [Mul92]. Machine [CGJ+97a, Cat80, GNS+15, Gie83, Han94, JJCO19, LR13, ML80, RF97, SSB98, SDB20, Wa92, Zav85, ANo02b, LSO4, LSLR05, Ram99, RD08, SGL06, UM02].


Management [JP81, Mur91, SDB20, van88, BP12, WCM00, Zho96]. Managing [Bob80].

Manifest [SIG17]. manipulating [YS10].
Manipulation [DVL05]. Manipulations [BNN18, many [AE98], massive [HJK90]. Massively [CGST95]. Matching [AC96, AG89, CP95, KPS92, ADR06, Van06].
Matching-Based [CP95].
Maximization [GLO88]. Maximum [Kna90]. May [Hor97]. May-Alias [Hor97].
MCALIB [FL15]. Measures [Ne20].
Median [Com80]. Medians [KRS84].
megaflops [MMG00]. member [KF00].
Memory [AMT14, CK94, Cha93, CBMO19, FSH23, KZC15, KK98, KRS88, LB22, MSM+16, Mis86, RCRHT95, SS88, ABH11, BP12, GMM99, GW99, JNGG10, KF00, LK02, Loc13, QR00, RR05, TSY00, TP04, VBL04, WCM00, MMM+07].

memory-efficient [TP04]. memory-hierarchy [KF00]. Merge [Ber94]. Merlin [HBM+06]. Message [CSW06, SS84, VMLY22, Gor04]. Messages [BB79, Jef03]. meta [Tra08].
meta-programming [Tra08]. Metalevel [Jag94]. Metaprogramming [CI84].
Method [BNN18, BCD90, BF87, HL82, Jon83, Loe87, JJD98]. Methodology [Ban87, Her93, Sku95]. Methods [DAW88, KM81]. METRIC [MMM+07].

minimizing [RMH06]. Minimum [GHS83].

NP-Hard [Hor97]. NQLALR [BS88]. nulled [SJ06]. Number [Ste22]. Numbers [GLR83]. numeric [Hau96].

O [ABPS98, Car95]. Object [DF84, Hu96, Kh92, Ryu16, Ste22, WCW90, WCW91, BSvGF03, DMM01, DDDCG02, FM99, GPWZ08, HBM+06, JPS+08, LPS004, Plg96, WJS+00]. Object-Based [Kh92]. Object-Oriented [Hu96, Ryu16, Ste22, BSvGF03, DMM01, JPS+08, WJS+00]. Objects [AM85, CJK95, HF87, HW90, Her93, SM89, VHB+97, Wal80, Wal81, Win84, GPV07, HBJ98, KF00, Sto04, WJS+00].


Operators [Ive79, She91]. Optimal [BOV85, CGST95, FK85, JCM19, KRS94, Lar95, PB97, Hai98, JNZ06, KVS06]. MSRR00]. optimality [CP96]. Optimally [BL94a]. Optimistic [PM04].

Optimization [BPRB23, Bec94, BBC16, Bl94, BAC16, BT93, DF84, DP97, DDH84, Dha91, DSS88, FOW87, HG83, HOYY18, Pem83, PP94, RRB19, SS82, Sor89, TV82, Web95, Ass00, BHK07, KBC+99, KF03, PE08, TVA07, ZP10, CG95, LaL84, OCN06].

Optimization-Aware [BPRB23].

Optimizations [CC95, JSB+12, CGS+03, CKT86, GMP+00, SYK+05]. optimize [DMM01, VBLG04]. Optimized [CM93, Cop94, Hen82, WST85, DS98, UM02]. Optimizer [DF80, FSS83, HRL+23, DF81].

Optimizers [Gie83]. Optimizing [CE93, CDF89, Output [Ber80, BS83]. over [KOE+06]. overhead [BP12, SS96]. overlays [SWU10].

Overload [Bak82]. overloading [SS05b].

Overview [AOC+88]. ownership [DMM11, SS96]. Oz [VHB+97].
[HFC09, MMG92, SRW02, IV06].
Parser [DDH84, JKT23, JP17, LaL84, SS82].
Parse [BN99, LaL81, MYD95, PK80, CPRT02, SJ06, ST00b]. Parsing [CH87, DMM88, Fis80, GM79, Lar95, RH87, Sam80, SJW23, W98, K01]. Part [LaL81, PA85, PA86a, PA86b, Apt81].
Partial [AFV98, CP17, CK93, DS88, Gom92, KCL 99, SCP23, Sor89, ADR06, BP12, CG04, GJ05, LMD98, Leu04, ST00b].
Partially [BLH12, Kob98, RRSY08]. partially-flow-sensitive [RRSY08].
partitioning [RM07, YF09]. Parsing [CH87, DMM88, Fis80, GM79, Lar95, RH87, Sam80, SJW23, W98, K01]. Part [LaL81, PA85, PA86a, PA86b, Apt81].
[LV94, AP94, AB94, BC91, CH87, FA93, GPA+91, MWB94, NF89, Zho96].
Promotion [Bir84, Bir85]. Proof
[AFdR80, BDJ13, FRW90, GL80, Moi83, Sag86, SS84, Sok87, WGS92, WGS93, AM01, DSW11, Ols07]. proof-carrying [AM01].
Proof-Directed [BDJ13]. Proofs
[Apt86, BC85a, CM86b, HRV+92, JW17, LY98, Oss83, GRSK+11].
Proofs [Bir84, Bir85].
Propagation [SR95, WZ91, Apt00, CP96, SS05a, SS08, SS09].
Properties
[ACW90, AS89, CIJGP18, Kar84, LM18, OL82, Ry88, TB95, Wei89, YS10].
Prophecy [LM22]. Proposed [Fat82].
Proposers [MP10b]. Protected
[PAS+15, WJS+00]. Protocol [SL92, YS97].
Protocol
[MB83, RKW+23, BFGT08, SS96].
Prototypes
[HW82]. Provably
[SDB20, GB99]. Provenance [ZSS20].
Provedly
[AAD+07]. Proving
[DGMP97, GC86, Hen79, Lam79, Lam80, OL82].
Proving [Eug07].
publish/subscribe [Eug07]. Pure
[BN18, HU96, Pip97, Tar97]. Purpose
[App94b, SS05a, SS08]. Pushdown
[CBM90, JKT23]. PYE [TN19].
Qualifiers
[FJKA06]. Qualitative
[CFNH18]. Quality
[BHM+19].
Quantification
[Vol91, Bur91]. Quantified
[Gro06, STS03]. Quantitative
[CFNH18].
Quantum
[FDY12, HRL+23, BH99, Yin11]. Queries
[Bal94, CGG+19]. Queuing
[BB79]. Quiescence [CM86a].
R
[CT86, KMM+98, AW82]. R.
[Tic88].
race
[AFF06, PFH11]. Races
[KZC15].
Random
[AS80]. Randomized
[TOUH21]. Range
[CG95]. Rank
[Dan03]. Ranking
[Lee09, TOUH21]. Ratio
[CK94]. rational
[GS11]. rationale
[CMLC06]. Reach
[FKW98]. Reachability
[LZR22, NS13, TOUH21]. Reactive
[DFR15, AG04, DGG97]. read
[AE01, PZJ05]. read-only
[PFH11]. Readable
[Spo86].
Reading
[Pet83]. Real
[AL94, MMG92, RS84]. Real-Time
[MMG92, RS84]. realities
[Gor04]. Reals
[DK17]. Reasoning
[BKOZB13, BLRS12, DP93, BP82, BH99]. Recognition
[ABL03]. Recipient
[SL92, YS97].
Recognizing
[BL94]. Recombination
[Kau84]. Recombination-Delaying
[Kau84]. Recomposition
[BT93, SK88, Tic86, Tic88]. Reconciling
[HU96]. Reconstruction
[SR95, WZ91, Apt00, CP96, SS05a, SS08, SS09].
Provenly
[AD+17]. Proving
[DGMP97, GC86, Hen79, Lam79, Lam80, OL82].
Pruning
[BN99]. PSO
[FSH23]. publish
[Eug07].
provenly
[ADD+17]. Proving
[DGMP97, GC86, Hen79, Lam79, Lam80, OL82].
Pushdown
[CBM90, JKT23]. PYE [TN19].
Qualifiers
[FJKA06]. Qualitative
[CFNH18]. Quality
[BHM+19].
Quantification
[Vol91, Bur91]. Quantified
[Gro06, STS03]. Quantitative
[CFNH18].
Quantum
[FDY12, HRL+23, BH99, Yin11]. Queries
[Bal94, CGG+19]. Queuing
[BB79]. Quiescence [CM86a].
R
[CT86, KMM+98, AW82]. R.
[Tic88].
race
[AFF06, PFH11]. Races
[KZC15].
Random
[AS80]. Randomized
[TOUH21]. Range
[CG95]. Rank
[Dan03]. Ranking
[Lee09, TOUH21]. Ratio
[CK94]. rational
[GS11]. rationale
[CMLC06]. Reach
[FKW98]. Reachability
[LZR22, NS13, TOUH21]. Reactive
[DFR15, AG04, DGG97]. read
[AE01, PZJ05]. read-only
[PFH11]. Readable
[Spo86].
Reading
[Pet83]. Real
[AL94, MMG92, RS84]. Real-Time
[MMG92, RS84]. realities
[Gor04]. Reals
[DK17]. Reasoning
[BKOZB13, BLRS12, DP93, BP82, BH99]. Recognition
[ABL03]. Recipient
[SL92, YS97].
Recognizing
[BL94]. Recombination
[Kau84]. Recombination-Delaying
[Kau84]. Recomposition
[BT93, SK88, Tic86, Tic88]. Reconciling
[HU96]. Reconstruction
[SR95, WZ91, Apt00, CP96, SS05a, SS08, SS09].
Provenly
[AD+17]. Proving
[DGMP97, GC86, Hen79, Lam79, Lam80, OL82].
Pruning
[BN99]. PSO
[FSH23]. publish
[Eug07].
provenly
[ADD+17]. Proving
[DGMP97, GC86, Hen79, Lam79, Lam80, OL82].
Pushdown
[CBM90, JKT23]. PYE [TN19].
CM86a, DGL\textsuperscript{+}79, GEGP17, JLP\textsuperscript{+}14, MRG88, SL92, AG04, QG95. reflecting [HS11]. reflection [SW97a]. Regeneration [SR21]. Region [TB98, SYN06]. region-based [SYN06]. regions [RR05].

Register [BCT94, CH90, GSO94, JLF02, LCBS19, RDG08, SH89, GA96, HCS10, LGAT00, PM04, PS99, PF96, TP04].

 Interrupts [ZP07]. Regular [CC97, HVP05, KBP22, LaL81]. relating [ABC\textsuperscript{+}21]. Relation [LBN17, MTG80].

Relational [BNNN22, BKOZB13, CB80, GS98, TLHL11, JJD98, JLRS10]. Relations [ELS\textsuperscript{+}14, HT86, LH08]. Relationship [BS88]. Reliability [LM18, WN08].

Reliably [TCP\textsuperscript{+}17]. Rely [GEGP17, LFF14, SZLY21].


Representation [DGL\textsuperscript{+}79, Mul92, SM89, Wad90, Van82, Mil85]. Representations-Independent [Mul92].

Representations [Lam87, RF97, Wal80, Wal81, BGP99].

Reproduction [BHM\textsuperscript{+}19]. Repulsing [TOUH21]. reshaping [ZCG\textsuperscript{+}07]. Resilient [GH\textsuperscript{+}19, WL85]. Resolution [ABR81, Bak82]. Resolved [SIG17].

Resource [CS95, Cla80, IK05, MQ05, BDFZ09, CEI\textsuperscript{+}07, HR02, HAH12].


Restores [Wis79]. Result [TB95]. Results [Ven95, BGP99, SYYH07]. Retargetable [DF80, DF81, MV87]. Retention [LS81].

Rethinking [LHR19]. retrofitting [NCH\textsuperscript{+}05]. Return [SDB20]. reuse [DNS\textsuperscript{+}06, GW99, ZSD09]. Reversal [ACS84]. Reverse [PS08]. Reverse-mode [PS08]. Revised [SIG17]. Revision [FM87b], revisited [MDJ05, Cho96].

Revisiting [DI09, ZZO22]. Rewrite [FKW98, Ass00]. Rewriting [KKSD94, BCM99, DDD05, FKW00, GRSK\textsuperscript{+}11, MMM\textsuperscript{+}07]. Right [KSS3, LaL81, SJ06]. Rigorous [SBB\textsuperscript{+}19].

Rings [BP89, Hua93]. RISC [PS93]. Rivieres [Hen83]. RMI [MVV\textsuperscript{+}01].

Robust [LS83]. Robustly [PG21]. Roever [Moi83]. role [Apt00]. Roman [PB97].

Round [SBB\textsuperscript{+}19]. Round-Off [SBB\textsuperscript{+}19].

Rounding [FL15]. Row [MM89]. RSMs [CGG\textsuperscript{+}19]. rule [HQRST02]. Rules [GL80, JTM98, SS84, LSO9, SSO09].

Run [IS88, TZ07, GMP\textsuperscript{+}00]. Run-Time [IS88, TZ07, GMP\textsuperscript{+}00].

Runtime [ANO18, BLH12, BEF\textsuperscript{+}16, FNBG20, GSS\textsuperscript{+}18, ISIRS22, TCVB14, BH05a, TSY00].

Rust [MTK21, Pea21]. RustHorn [MTK21].

Reliability [LM18, WN08].

Rigorously [PL93].


Round [SBB\textsuperscript{+}19]. Round-Off [SBB\textsuperscript{+}19].

Rounding [FL15]. Row [MM89]. RSMs [CGG\textsuperscript{+}19]. rule [HQRST02]. Rules [GL80, JTM98, SS84, LSO9, SSO09].

Run [IS88, TZ07, GMP\textsuperscript{+}00]. Run-Time [IS88, TZ07, GMP\textsuperscript{+}00].

Runtime [ANO18, BLH12, BEF\textsuperscript{+}16, FNBG20, GSS\textsuperscript{+}18, ISIRS22, TCVB14, BH05a, TSY00].

Rust [MTK21, Pea21]. RustHorn [MTK21].

Rivieres [Hen83]. RMI [MVV\textsuperscript{+}01].

Robust [LS83]. Robustly [PG21]. Roever [Moi83]. role [Apt00]. Roman [PB97].

Round [SBB\textsuperscript{+}19]. Round-Off [SBB\textsuperscript{+}19].

Rounding [FL15]. Row [MM89]. RSMs [CGG\textsuperscript{+}19]. rule [HQRST02]. Rules [GL80, JTM98, SS84, LSO9, SSO09].

Run [IS88, TZ07, GMP\textsuperscript{+}00]. Run-Time [IS88, TZ07, GMP\textsuperscript{+}00].

Runtime [ANO18, BLH12, BEF\textsuperscript{+}16, FNBG20, GSS\textsuperscript{+}18, ISIRS22, TCVB14, BH05a, TSY00].

Rust [MTK21, Pea21]. RustHorn [MTK21].

Rivieres [Hen83]. RMI [MVV\textsuperscript{+}01].

Robust [LS83]. Robustly [PG21]. Roever [Moi83]. role [Apt00]. Roman [PB97].

Round [SBB\textsuperscript{+}19]. Round-Off [SBB\textsuperscript{+}19].

Rounding [FL15]. Row [MM89]. RSMs [CGG\textsuperscript{+}19]. rule [HQRST02]. Rules [GL80, JTM98, SS84, LSO9, SSO09].

Run [IS88, TZ07, GMP\textsuperscript{+}00]. Run-Time [IS88, TZ07, GMP\textsuperscript{+}00].

Runtime [ANO18, BLH12, BEF\textsuperscript{+}16, FNBG20, GSS\textsuperscript{+}18, ISIRS22, TCVB14, BH05a, TSY00].

Rust [MTK21, Pea21]. RustHorn [MTK21].

S [HCW82]. S/SL [HCW82]. Safe [AWW95, Dug02, JW17, LMM21, PG21, SDB20, AFF06, BSvGF03, LS03, Loc13, NCH\textsuperscript{+}05, SA00, ZCG\textsuperscript{+}07, MH06, SHB\textsuperscript{+}07].

Safe-by-default [LMM21]. safe-for-space [SA00].

Safer [COE\textsuperscript{+}20]. safety [FF08, YS10]. same [SS05a]. sampling [PPT08].


Satisfiability [FBSH23, XA07]. satisfying [Van96a, Van96b]. Saturn [XA07].

Scalability [TCP\textsuperscript{+}17]. Scalable [FT94, GKM20, ZSS20, XA07].

ScalaExtrap [WM12]. scale [ZSS20].

Scaling [TCP\textsuperscript{+}17]. scan [PS99]. Scanners [HKR92]. Scanning [GVC15]. Scavengers
temporal-ordering [GS99]. temporaries [RMH06]. Ten [Apt81]. Tensor
[ RTP17, SBS22]. Tentative [Jon83].
Tenuring [UJ92]. Term
[KKSD94, MBT09, GRSK+11].
Termination
[AF84, Apt86, BAGM12, BCG+07, CFNH18, CDK+18, DSFG21, DG19, Fra80b, GJ05, HSP83, JBK18, MC82b, TM93, BAL07, BA08, DVG99, GRSK+11, Lee09, PR07, SMP10, Fra80a, Moh81]. Test
[Wey83, WW95, Duc08]. Testing
[AMT14, GMH81, TK94]. Tests
[Coh91, Koz97, Wir91, GZ05]. Text
[CC97]. TF
[SBS22]. TF-Coder
[SBS22]. Their
[Kam83, LaL84, SS82, PS96]. Theoretic
[ES97, Sha82, KV00]. Theoretical
[KRR18]. Theories
[NSTD+15, Bou06]. Theory
[AB20, CZ84, FSH23, KD94, KRS94, NBG13, Ryu16, TLHL11, CGP09, M06, Oh07, Pau01, SS05b, Bla03, FG03].

Thinking [WLBF16]. Thinning [Web95].
Third [Wol92]. ThisType
[Ryu16]. Thread
[YBL16]. Thread-Level
[YBL16]. Threaded
[JBK18, IT+22, TSY00]. Three
[DPP22, Oss83]. Tichy
[Tic88]. Tierless
[RRK+23]. Tile
[JB20]. tiling
[JL02, LS04, RKRS12]. Time
[AL94, ABR81, BL94b, BLH12, Coh91, DLR16, HBS22, Hol87, ISY88, Jef85, Lam84, LLOY23, M0G92, P93, RS84a, RN84b, TN19, Wir91, YR94, Zic94, BAL07, BALP06, BK08, BKR05, DDD05, GH97, GMP+00, GB99, GW99, HK07, LS98, LPP01, LS09, Mi85, Ram99, Rep98, SYK+05, Tra08, T07, Wu04, YMW97, LW93].

Time-bounded [LLOY23]. Time-Constrained
[Zic94, LPP01]. Time-Critical
[PS93]. time-efficient
[GB99, YF98]. Time-sensitive
[HBS22].
Timed
[Zic94]. Timeout
[Lam84]. Timing
[LJ99].

transformational [BDFH97]. toolkits
[VHM+01]. Tools
[van88]. Top
[SZLY21].
Top-down
[SZLY21]. TOPLAS
[Ano18, TGT20, MP10a, MP10b]. topology
[DDM11]. Tortoise
[Dan23]. Total
[San96]. Trace
[ABC+21, FGL94, WGS92, Ban11, RM07, SJ03, WGS93, WM12]. Trace-Based
[WGS92, WGS93, WM12]. Trace-relating
[ABC+21]. traces
[HB+06, WR08]. Tracing
[BL94a, DLR16, MMM+07]. tradeoffs
[ZGZ05]. Trailing
[VR95]. Traits
[DNS+06]. Transactional
[URJ18, ABH11, CPF+04]. Transactions
[Ano18, HKMN94, TGT20]. Transducer
[DVLM15]. Transducer-Based
[DVLM15]. Transformation
[BKB80, Fea82, FL91, NSZ13, Wat91, RKR04, San96, TSY00, WZ07]. Transformational
[BDFH97, Bir84, Bir85, DS82, OA88, RC03]. Transformations
[Bar85, EGM01, Geo84, L0R81, M83, MCT96, Nie85, FGM+07a, KWL09, MOS07a, VAL05, WS97, Hen83, NN86]. Transformers
[Lam90, MMS96, MBT09]. TransformGen
[GKL94]. Transforming
[AWW95, BE94]. Transition
[PR07]. Translation
[AK87, BK11, Kat84, Son87, AAD+07, BGKR90, DP99, RC03]. Transmission
[HL82]. Transparently
[JSB+12]. Transport
[Min84]. transpose
[CRM+08]. Traversals
[LPS004]. Treatment
[YB87, YB88]. Tree
[AGT89, BOV85, BMW91, ZLH15, DS83, Han81a, Hen83, L0R81, FGM+07a]. Trees
[Com80, G0S83, MTG80, S92, Wad90, ACM11, SGL97]. Treewidth
[CJG18, CGG+19]. trick
[DMP96]. Truth
[BDH+16]. TSL
[LR13]. TSO
[FSH23]. tuning
[GMM99, PE08]. Tuples
[Rem81]. Tutorial
[GM81]. Two
[BO94, CDFP89, DPP22, GPWZ08, TY21, FMP11]. Two-dimensional
[GPWZ08]. two-variable
[FMP11]. Type
[Bur90b, Car95, CEW14, Coh91, CZ84,
Dug02, Eug07, HHPW96, HM93, Hen93, KPS92, KTU93, KR901, Lan80, LO94, LST02, LY98, LP00, MRGP20, MP88, NBG13, Pad19, PO95, SA99, SM89, Ste22, TWW82, TGT18, TGT20, Van86, VMLY22, Wal80, WT11, Wir88, WC97, BSvGF03, BCG + 07, FJKA06, FGM07b, FM99, FF08, GZ07, GMZ00, HO07, HDH02, HY07, KF10, KS10, NP08, NCH + 05, PT00, STSP05, TFW82, TZ07, Wal81, Wir91.

Type-based [Eug07, LP00, BCG + 07].

Type-Driven [TGT18, TGT20].

Type-Extension [Coh91, Wir91].

Type-Graphs [KPS92].

Type-preserving [LST02].

Type-Safe [Dug02, BSvGF03, NCH + 05].

Typechecking [CL95, MBC04].

Typed [ACPP91, Geo84, GDF23, Kob98, NN86, WCM00, AAR + 10, LP99, MWCG99].

Typed-Untyped [GDF23].

Types [AFF06, AC93, BG22, BB94, BCEM15, DDMP22, DPP22, DD85, E080, FFLQ08, GEGP17, HL82, Hes88, Jen97, Kan83, KBP22, LaL89, LO94, LBN17, Loe87, Mal82, Mq19, MP88, TDA + 23, WL85, Wei89, Wei90, AM01, BF + 11, Dan03, DMM11, DMM01, Gro06, GPV07, HVP05, IV06, MME + 10, PS06, Pch98, S03, SP07].

Typestate [COE + 20, GTWA14].

Typestate-Oriented [GTWA14].

Typing [ACPP91, DG19, Dug99, GGSV22, RM10, SV96].

Ultimate [PS08].

Type-based [Eug07, LP00].

Type-Driven [TGT18, TGT20].

Type-Extension [Coh91, Wir91].

Type-Graphs [KPS92].

Type-preserving [LST02].

Type-Safe [Dug02, BSvGF03, NCH + 05].

Typechecking [CL95, MBC04].

Typed [ACPP91, Geo84, GDF23, Kob98, NN86, WCM00, AAR + 10, LP99, MWCG99].

Typed-Untyped [GDF23].

Types [AFF06, AC93, BG22, BB94, BCEM15, DDMP22, DPP22, DD85, E080, FFLQ08, GEGP17, HL82, Hes88, Jen97, Kan83, KBP22, LaL89, LO94, LBN17, Loe87, Mal82, Mq19, MP88, TDA + 23, WL85, Wei89, Wei90, AM01, BF + 11, Dan03, DMM11, DMM01, Gro06, GPV07, HVP05, IV06, MME + 10, PS06, Pch98, S03, SP07].

Typestate [COE + 20, GTWA14].

Typestate-Oriented [GTWA14].

Typing [ACPP91, DG19, Dug99, GGSV22, RM10, SV96].

Ultimate [PS08].

Unassigned [Win84].

Unbounded [LWR21, BGP99].

Uncaught [LP00].

Undecidable [Ram94, Rep900, Cha02].

Undecidability [Ram94, Rep900].

Understanding [ST00a].

Understanding [ST00a].

Undo [Lee86].

Unfold [RKRR04].

Unfold/fold [RKRR04].

Unidirectional [Pet82].

Unification [MM82, DRSS96].

Unified [VSS94].

Uniform [VSS94].

Uniformly [DB85].

Unique [Van06].

UNITY [Pau01, TB95].

Universal [DPP22].

Universe [DDM10].

Unnecessary [BT93].

Untrusted [JW17].

Untyped [GDF23].

Update [Hud91, FGM + 07a, GW99].

Updating [HSS + 14, HN05, SRW98, SHB + 07].

Upper [PW94].

Usage [MS83, BDFZ09, IK05, QR00].

Use [FOW87, GH80, HS94, LaL84, PPS79, She91, SS82, CC97].

Usefulness [HDH02].

User-Defined [Wal81, Wat83, Van88].

User [ACS84, DS90, Mye90, Wal80, Wal81].

Utilizing [ES97].

VAL [McG82, Wet82].

Validation [How80, KC01, MOS07a].

Value [HL82, dBH21, HLI05, SW07a].

Values [DD85, Han92, HSI22, Wet82].

Variables [GSW95, JPP91, Lam88, LH91, Pet83b, Rem81, Sch85, BG99, HVB + 99, NS13, SV96].

Variants [IV06].

Variational [CEW14].

Varieties [NC20].

Vector [AK87, Bud84, CBMO19, Fis80, FTJ95, KD94, Per79, KK07].

Verified [YB85].

Verification [App15, BDP14, BCD + 15, CDFP99, CES86, CPS93, CHMY19, D090, EG14, GL94, ITF + 22, JBK18, Jon94, JTM98, KKW14, LFF14, L99, LCK + 22, LS79, MTK21, NBG13, RY88, SZLY21, SSFZ + 23, BD1 + 08, CEI + 07, GP08, GM12, Qia00].

Verified
REFERENCES

[BFGT08, BKL+97, HL22, HRL+23, JLP+14, DSW11]. Verifying
[AS89, BFG08, CGJ97b, DJP+16, GEGP17, LM18, YS10, Mon08]. Version [YR94].
Versions [HPR89]. Versus
[DPP22, Pai98, Pip97, UM02]. Vertices
[BGH+13]. Very [GLR83]. VHDL
[BKL+97]. via
[CEI+07, FKW98, GPFO8, GS094, HLH19, HOYY18, ITT+22, MMM+07, PE08, RTP17, SRW02, SV20, SCP23, Tra08, WCM00].
View [KBP22, SZBH86, FGM+07a]. view-update [FGM+07a]. Virtual
[Jef85, RR19, CEG07, KN06]. Visibly
[CBMO19, JKT23]. Visual
[Mye90, BCM99]. vita [MP10a, MP10b].
VLSI [LVV+83]. Volpano [Bur91].
Volume [Ano18, TGT20]. vs [HR02].

W [Tic88]. Wait [Her91]. Wait-Free
[Her91]. Waite [BP82]. Warp [LW93]. way
[VHM+01]. Weak [AMT14, KZC15].
weakening [SYYH07]. Weaker [Boo82].
web
[BFG08, BLRS12, CHY12, CGP09, CMS03].
Weight [GHS83]. While
[Pet83a, BC85b, GM81]. while-Programs
[BC85b]. Whole [BDH+16]. Widening
[KKW14, VJB12]. win) [Lam90]. Within
[FKW98]. Without
[Cop94, Ode93, AS89, Cas95, Sto04, VR95].
Witnessing [TA08b]. Workbench [CPS93].
World [GG85, DF11].
World-Model-Based [GG85]. Worst
[CFG19, WW95]. Worst-Case [CFG19].
wp [BH99]. write [AE01]. Writing
[Pet83a, Win87]. WYSINWYX [BR10].

X [OLH+16, MSM+16]. X-Sensitive
[OLH+16]. X10 [GHH+19]. XARK
[ATD08]. XML [HVP05, HFC09]. XSL
[MOS07a].

Years [Apt81].

ZGC [YW22]. Zones [GMN+21].

References


REFERENCES


Amadio:1993:SRT


Ashley:1994:FCP


Abadi:1996:SM


Attali:1996:NSE


Alur:2011:SMC


Abadi:1991:DTS


Archer:1984:URR

[ACS84] James E. Archer, Jr., Richard Conway, and Fred B. Schneider. User recovery and reversal in interactive systems.
REFERENCES

ACM Transactions on Programming Languages and Systems, 6 (1):1–19, January 1984. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Aggarwal:1990:ALP


Ashley:1998:PFF


Afek:1994:BFF


Alglave:2021:ACF


Ancona:1991:ECL


Ager:2006:FPE

REFERENCES


REFERENCES

Alur:2004:MRH

Aho:1989:CGU

Ahmed:2020:ISI

Arsac:1982:STR
Allen:1987:ATF

Ait-Kaci:1989:EIL

Abadi:1993:CS

Abadi:1994:OFR

Abadi:1995:CS
Ancona:2003:JDJ


Atkinson:1985:PPD


Appel:2001:IMR


Alglave:2014:HCM


Anger:1989:LIC


Anonymous:1982:IA


Anonymous:1983:IA

REFERENCES


[Ano90a] Anonymous. 1990 author index. *ACM Transactions on Programming Languages and Systems*, 12

**Anonymous:1990:IA**


**Anonymous:1991:AI**


**Anonymous:1991:IA**


**Anonymous:1992:AI**


**Anonymous:1992:IA**


**Anonymous:1994:AI**


**Anonymous:1995:AI**


**Anonymous:1998:AI**


**Anonymous:2002:ADC**

REFERENCES


[AP07] Martín Abadi and Jens Palsberg.
REFERENCES


[Appel:1993:Ea]


[Appel:1994:ABG]


[Appel:1994:PS]


[Appel:2015:VCP]


[Apt:1986:CPD]


[Apt:2000:RCC]

Andrews:1980:AAI


Appelbe:1984:ECS


Arnold:1980:URG


Alpern:1989:VTP


Andersen:2019:FSP


Austin:2017:MFD


Assmann:2000:GRS


Arenaz:2008:xef

[ATD08] Manuel Arenaz, Juan Touriño, and Ramon Doallo. XARK:

Ashcroft:1982:RS


Avrunin:1985:DAD


Aiken:1995:SST


Alur:2001:MCH


Ben-Ari:1984:AFG


Blume:1999:HM


Ben-Amram:2008:SCT

Amir M. Ben-Amram. Size-change termination with difference constraints. *ACM Trans-

Backhouse:1984:GDF


Bondhugula:2016:PAP


Bagrodia:1989:SAP


Ben-Amram:2012:TIL


Baker:1982:OPA


Ball:1994:ECP


Ben-Amram:2007:PTA

REFERENCES

ISSN 0164-0925 (print), 1558-4593 (electronic).

**Brecht:2006:CGC**


**Banerjee:1987:MSR**


**Banerjee:2011:MFT**


**Barnden:1981:NCA**


**Barstow:1985:CTD**


**Beyer:1979:SED**


**Breuer:1994:DET**

REFERENCES


REFERENCES

Brogi:1991:CLS

Bugliesi:2004:ACM

Bos:1990:MSL

Betts:2015:DIV

Bugliesi:2015:ART

Benton:2004:MCA

Bruynooghe:2007:TAL
REFERENCES


REFERENCES


Botincan:2013:PDP

Botincan, Matko; Dodds, Mike; Jagannathan, Suresh. Proof-directed parallelization synthesis by separation logic. ACM Transactions on Programming Languages and Systems, 35(2):8:1–8:??, July 2013. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Bernardeschi:2008:DBV


Bueno:1999:EAI


Biernacki:2015:DCP

Biernacki, Dariusz; Danvy, Olivier; Millikin, Kevin. A dynamic continuation-passing style for dynamic delimited continuations. ACM Transactions on Programming Languages and Systems, 38(1):2:1–2:??, October 2015. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Bowman:1993:RAN


Barthe:2014:FVS

Barthe, Gilles; Demange, Delphine; Pichardie, David. Formal verification of an SSA-Based middle-end for CompCert. ACM Transactions on Programming Languages and Systems, 36(1):4:1–4:??, March 2014. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Bossi:1994:TAP

Bossi, Annalisa; Etalle, Sandro. Transforming acyclic...


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Brogi:1994:MLP


Bistarelli:2001:SBC


Ball:2005:PPA


Borstler:1991:TCT

Jürgen Börstler, Ulrich Möncke, and Reinhard Wilhelm. Table compression for tree automata.

Broy:1994:AFC


Bertsch:1999:FPT


Banerjee:2018:LAF

Anindya Banerjee, David A. Naumann, and Mohammad Nikouei. A logical analysis of framing for specifications with pure method calls. *ACM Transactions on Programming L-
REFERENCES

Banerjee:2022:RPL


Bobrow:1980:MRS


Busi:2021:SIE


Boehm:1985:SEA


Boehm:1982:WPL


Borning:1981:PLA


Boehm:1985:SEA


REFERENCES


**Broy:1982:CAA**


**Burns:1989:USS**


**Bendersky:2012:SOB**


**Balabonski:2016:DFM**


**Basso:2023:OAC**


**Baumgartner:1997:ISC**


**Balakrishnan:2010:WWY**

REFERENCES


[BS83] G. N. Buckley and Abraham Silberschatz. An effective implementation for the generalized input-output construct of CSP. *ACM Transactions on Programming Languages and Systems*, 5(2):223–235, April 1983. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). They present a distributed algorithm for CSP output guards based on priority ordering of processes. Their algorithm has the property that two processes that can communicate and do not establish communication with a third process will communicate within a bounded time.


REFERENCES


[Cam89] Robert D. Cameron. Efficient high-level iteration with accumulators. *ACM Trans-


[Click:1995:CAC] Cliff Click and Keith D. Cooper.


REFERENCES

Chander:2007:ERB

Clarke:1986:AVF

Chen:2014:ETI

Choi:1994:SSP

Cytron:1995:ECN

Clements:2004:TRM

Cortesi:1997:CAI
Agostino Cortesi, Gilberto File, Roberto Giacobazzi, Catuscia

Chatterjee:2019:NPW


CFP+04


Cortes:2004:HLA


Cytron:1991:ECS


Codish:1994:SAC

Keith Clark and Steve Gregory. Parlog: parallel programming in logic. *ACM Transactions on Programming Lan-
REFERENCES


---

CG95

CG95

CG04

CGG19

CG95

CG04

CGG19
REFERENCES


[Cha93] Siddhartha Chatterjee. Compiling nested data-parallel programs for shared-memory mul-


Charlesworth:2002:UAC


Chitil:2005:PPL


Cogumbreiro:2019:DDV


Carbone:2012:SCC


Cameron:1984:GBD


Chatterjee:2018:AAP


Cejtin:1995:HOD

Henry Cejtin, Suresh Jagannathan, and Richard Kelsey. Higher-order distributed objects. *ACM Transactions on Programming Languages and Systems*, 17(5):704–739,


[KM84] K. M. Chandy and Jayadev Misra. The drinking philoso-
Chandy:1986:ESR


Chirica:1986:TCI


Copperman:1993:TCF


Codish:1995:IAI


Clifton:2006:MDR


Choi:1991:TDP

Chiari:2023:MCO

Christensen:2003:EJH

Coblenz:2020:OTA

Cohen:1983:ERR

Cohen:1985:NCE
REFERENCES


[Cohen:1991:TCT]


[Colussi:1984:RES]


[Comer:1980:NMS]


[Copperman:1994:DOC]


[Carle:1996:OCP]


[CP95]

[CP96]

[CP17] Nachshon Cohen and Erez Petrank. Limitations of partial compaction: Towards practical bounds. *ACM Transactions on Programming Lan-
REFERENCES


[CS04] Yifeng Chen and J. W. Sanders.


REFERENCES


Douglas D. Dunlop and Victor R. Basili. Generalizing specifications for uniformly implemented loops. *ACM Transactions on Programming Lan-
REFERENCES

dBruin:1985:DSD

deBoer:2021:CCR

Deng:2022:SDR

Donahue:1985:DTV

DeSutter:2005:LTB

Drossopoulou:2002:MDO

Dencker:1984:OPT
Peter Dencker, Karl Dürrre, and Johannes Heuft. Optimization of parser tables for portable


Das:2022:NST


Debray:1989:SIM


Debray:1995:CDA


DeMillo:1983:GEI


Debray:2000:CTC

[DEMD00] Saumya K. Debray, William Evans, Robert Muth, and Bjorn De Sutter. Compiler techniques for code compaction. *ACM
REFERENCES


Dershowitz:1985:PAI

DeFraine:2012:EAC

Davidson:1981:CDA

Davidson:1984:CST

Douence:1998:SSF

Dimoulas:2011:CSH
Christos Dimoulas and Matthias Felleisen. On contract satisfaction in a higher-order world. ACM Transactions on Programming Languages and Systems, 33
REFERENCES


Demetrescu:2015:RIP


DalLago:2019:PTM


Dams:1997:AIR


Duesterwald:1997:PFD

REFERENCES


REFERENCES


See Editor's foreword [Mye18].


[DNS+06] Stéphane Ducasse, Oscar Nierstrasz, Nathanael Schärl, Roel Wuyts, and Andrew P. Black. Traits: a mechanism for fine-grained reuse. ACM Transactions on Programming Languages and Systems, 28(2):331–388, March 2006. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Debra:1997:ICF

DeRose:1999:TTM

Devriese:2022:TPV

Dovier:2000:SCL

Das:2005:PFI

Dawson:1996:PU
REFERENCES


REFERENCES

Derrick:2011:MVP

Ducournau:2008:PHA

Duggan:1999:DTD

Duggan:2002:TSL

DeSutter:2007:PID

Danton:2015:FTB

Debray:1989:FCL

Dantas:2008:APA
Daniel S. Dantas, David Walker, Geoffrey Washburn, and Stephanie...

Etalle:2001:TCP


Esparza:2014:PBV


Ellis:1982:TCS


Elder:2014:ADA


Eilers:2020:MPP


Ernst:1980:SAD


Emerson:1997:USW


**Fernandez:2004:ICS**


**Fidge:1993:FDP**


**Fischer:1980:PCA**


**Forejt:2017:PPA**


**Foster:2006:FIT**


**Fuchs:1985:OPF**


**Fokkink:1998:WAR**

REFERENCES


Fokkink:2000:LRE


Fraser:1981:EDS

Christopher W. Fraser and A. A. Lopez. Editing data structures. ACM Transactions on Programming Languages and Systems, 3 (2):115–125, April 1981. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Fradet:1991:CFL


Frechtling:2015:MMS


Fischer:1989:DFA


Finkel:1987:DDI


Fraser:1987:ERC

Christopher W. Fraser and Eugene W. Myers. An editor for

**Freund:1999:TSO**


**Flexeder:2011:FIL**


**Frohn:2020:ILR**


**Foster:1996:CPP**


**Ferrante:1987:PDG**


**Fisher:2002:GE**


**Facchinetti:2019:HOD**

Leandro Facchinetti, Zachary Palmer, and Scott Smith.

Francez:1980:CDT


Francez:1980:DT


Francez:1981:TCR


Fan:2023:SMO


Freudenberger:1983:ESO


Foster:1994:CAS

[FT94] Ian Foster and Stephen Taylor. A compiler approach to scalable concurrent-program design.
REFERENCES


Frick:1995:ICI


FTJ95

Fazine:1985:SIC


FY85

Greiner:1999:PTE


GB99

Gouda:1986:PLN


GA96

References


REFERENCES

**Grove:2001:FCG**


**Gulavani:2011:BSA**


**Gergeron:1982:SAS**


**Greenman:2023:TUI**


**Gordon:2017:VIL**


**Gelernter:1985:GCL**


**Georgeff:1984:TRS**


**Ganapathi:1985:AGD**

Mahadevan Ganapathi and Charles N. Fischer. Affix grammar driven code generation.
REFERENCES


Griswold:1980:AUP

Griswold:1980:AUP
Grove:2019:FRR


Griswold:1981:GI


Ghosh:1993:ASP


Graham:1980:ICF


Gallager:1983:DAM


Giegerich:1983:FFD


Gupta:1993:APE

References


(print), 1558-4593 (electronic).


Gran:2000:BCD  

Gom:1992:SAP  

Gor:2004:SRC  

Gor:2021:PIS  
REFERENCES


REFERENCES

DEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Gil:2005:EST


Gil:2007:EDD


Hailperin:2005:CCC


Hailperin:2005:CCC


Hai85


Hall:2005:IPA

REFERENCES


REFERENCES


Hirzel:2002:UTL


Hennessy:1982:SDO


Henderson:1983:TCL


Hennessy:1986:PSS


Henglein:1993:TIP


Herlihy:1991:WFS


Herlihy:1993:MIH

Maurice Herlihy. A methodology for implementing highly concurrent data objects. ACM Transactions on Programming Languages and Systems, 15(5): 745–770, November 1993. CO-
Hesselink:1988:MAN


Haynes:1987:ECP


Hosoya:2009:PPX


Hennessy:1983:PCO


Hall:1996:TCH


Hilfinger:1988:APD


Hu:1997:FDE

REFERENCES

Heering:1985:TMP

Heering:1992:IGL

Heering:1994:LIP

Henzinger:2007:EMP

Herschowitz:2005:MMC

Haines:1994:CF

Haines:1997:CTP

Herlihy:1982:VTM
REFERENCES


REFERENCES

[Hicks:2005:DSU]

[Homan:1982:PE]

[Higuchi:2007:STS]

[Hobson:1984:DEE]

[Holt:1987:DDC]

[Horwitz:1997:PFI]

[Howden:1980:ASV]

[Heo:2018:ASA]
Haghighat:1996:SAP

Hermenegildo:2000:IAC

Horwitz:1989:INV

Henzinger:2002:AGR

Hennessy:2002:IFV

Horwitz:1990:ISU

Hietala:2023:VOQ
Kesha Hietala, Robert Rand, Liyi Li, Shih-Han Hung, Xiaodi Wu, and Michael Hicks.
REFERENCES


REFERENCES

Hayden:2014:KEG


Horwitz:1986:GEE

Susan Horwitz and Tim Teitelbaum. Generating editing environments based on relations and attributes. ACM Transactions on Programming Languages and Systems, 8(4):577–608, October 1986. CODEN ATPSĐT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Helsen:2004:PSM


Holzle:1996:RRP


Huang:1990:DDD


Huang:1993:LEU


Hudson:1991:IAE

Holt:1982:MIE

Herlihy:1990:LCC

Hudak:1991:CIE

Honda:2007:UTS
Kohei Honda and Nobuko Yoshida. A uniform type structure for secure information flow.
REFERENCES

Igarashi:2005:RUA


Igarashi:2001:FJM

Atsushi Igarashi, Benjamin C. Pierce, and Philip Wadler. Featherweight Java: a minimal core calculus for Java and GJ. *ACM Transactions on Programming Languages and Systems*, 23(3):396–450, May 2001. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Ish-Shalom:2022:RCB


Inoue:1988:AFP


Inverso:2022:BVM


Igarashi:2006:VPT


Iverson:1979:O

Kenneth E. Iverson. Operators. *ACM Transactions on Program-
REFERENCES

Jagannathan:1994:MBB

Jay:2004:PC

Joisha:2006:AAS

Jangda:2020:EFT

Jacobs:2018:MTV

Janssen:1997:MGR

Jacek:2019:OCW


REFERENCES


REFERENCES


Joisha:2012:TTE


Juan:1998:CVC


Jakobs:2017:PPF


Kaiser:1989:IDS


Kamin:1983:FDT


Karp:1984:PFF


Katayama:1984:TAG


[KD94] Uday P. Khedker and Dhananjay M. Dhamdhere. A generalized theory of bit vector data flow analysis. *ACM Trans-
REFERENCES


Karkare:2007:IBC


Korach:1990:MTD


Kawahito:2006:ESE


Kennaway:1994:AGR


Kaiser:2014:WAM


Koopman:1992:CBC


Kristensen:1981:MCL

Bent Bruun Kristensen and Ole Lehrmann Madsen. Methods for computing LALR(k) lookahead. *ACM Transactions on Programming Languages and Systems*, 3(1):60–82, January 1981. CODEN ATPSDT. ISSN
REFERENCES

0164-0925 (print), 1558-4593 (electronic).


[KPF95] Steven M. Kurlander, Todd A. Proebsting, and Charles N. Fischer. Efficient instruction...


F. T. Krogh. ACM algorithms policy. ACM Transactions on Programming Languages and Systems, 6(3):440–
REFERENCES

Krogh:1985:AAP

Krogh:1986:AAP

Krogh:1987:AAP

Krogh:1988:AAP

Krogh:1989:AAP

Krogh:1990:AAP

Krogh:1991:AAP

Krogh:1992:AAP

Kim:2018:TFS
REFERENCES

ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


REFERENCES


[Lam79] Leslie Lamport. A new approach to proving the correctness of multiprocess programs. ACM Transactions on Programming Languages and Systems, 1(1):84–97, July 1979. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). See also corrigendum [Lam80].

REFERENCES


REFERENCES

ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Lahav:2022:WD


Lennon-Bertrand:2022:GCI


Ligatti:2017:SRC


Lozano:2019:CRA


Lorch:2022:AAV


Liao:1996:SAD

REFERENCES


Lueh:2000:FBR

Liu:2019:RIP


Lycklama:1991:FCF


Lindstrom:1979:BGC


Lin:1993:PIA

Lhotak:2008:RAB


Liu:1999:SVF

Zhiming Liu and Mathai Joseph. Specification and verification


[LJ99] Zhiming Liu and Mathai Joseph. Specification and verification


REFERENCES


Lamport:1999:SYS


Leroy:2000:TBA


Levanoni:2006:FRC


Leung:2001:STC


Lieberherr:2004:TOS


Lim:2013:TSG


Lepigre:2019:PSC

REFERENCES


They proved that Byzantine agreement (the subject of Section ??) cannot be reached unless fewer than one-third of the processes are faulty. This result assumes that authentication, i.e., the encrypting of messages to make them unforgeable, is not used. With unforgeable messages, they show that the problem is solvable for any $n \geq t > 0$, where $n$ is the total number of processes and $t$ is the number of faulty processes.


Liu:2021:ICU


Lee:1998:PAF


Li:2022:FGS


Mallgren:1982:FSG


Merlin:1983:CSS


Morris:1999:SF

REFERENCES

Millstein:2004:MTH

Morris:2009:TTN

Misra:1982:DGA

Misra:1982:TDD

McGraw:1982:VLD

McKinley:1996:IDL

Morrison:1991:AHA

Moreau:2005:BDR
Luc Moreau, Peter Dickman, and Richard Jones. Birrell’s dis-
REFERENCES

140


[MH06] Massimo Merro and Matthew Hennessy. A bisimulation-based semantic theory of Safe Ambients. ACM Transactions on
REFERENCES


REFERENCES

Ma:1980:DMI


Masud:2021:SCD


Martelli:1982:EUA


Myers:1989:RRA


REFERENCES


REFERENCES


REFERENCES


MacDonald:2009:DDP


Muller:1992:MLR


Muller:2019:ISS


Murtagh:1991:ISM


Mueller:1987:RMS


Maassen:2001:EJR


Manna:1980:DAP

[MW80] Zohar Manna and Richard Waldinger. A deductive approach to program synthesis. *ACM Transactions on Programming Languages and Systems*, 2
REFERENCES

Manna:1984:SCP

[MW84]

Mulkers:1994:LSD

[MWB94]

Morrisett:1999:SFT

[MWCG99]

Melicher:2022:BAE

[MXZ+22]

McKenzie:1995:ERS

[MYD95]

Myers:1990:CUI
Brad A. Myers. Creating user interfaces using programming by example, visual programming, and constraints. ACM Transactions on Programming Languages and Systems, 12(2):143–177, April 1990. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). URL http://www.acm.org/

Andrew Myers. Editor’s foreword to “Static Backward Slicing of Non-Deterministic Programs and Systems”. *ACM Transactions on Programming Languages and Systems*, 40(3): 11:1–11:?, August 2018. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). See [DL18].


[NO79] Greg Nelson and Derek C. Op-
REFERENCES


\textbf{Naik:2008:TSE}


\textbf{Nanda:2006:ISM}


\textbf{Nikolic:2013:RAP}


\textbf{Nowatzki:2015:SFS}


\textbf{Nandivada:2013:TFO}


\textbf{Olderog:1988:FPP}


\textbf{Odersky:1993:DCD}

REFERENCES


Olmedo:2018:CPP


Oh:2014:GSA


Ohori:2007:PTM


Ogasawara:2006:EED


Owicki:1982:PLP


Oh:2016:SXS

REFERENCES


REFERENCES


Palsberg:1995:CAC


Palsberg:1998:EBF


Palsberg:2011:E


Palsberg:2011:EN


Palsberg:2012:E


Palsberg:2013:E


Palsberg:2015:E


Parnas:1990:TCI

REFERENCES


**Preda:2008:SBA**


**Pan:2008:PFE**


**Pearce:2021:LFR**


**Pemberton:1983:TCT**


**Peterson:1982:UA**

Gary L. Peterson. An \(O(n \log n)\) unidirectional algorithm for the circular extrema problem. *ACM Transactions on Programming Languages and Systems*, 4(4):758–762, October 1982. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). Peterson presents a deterministic distributed algorithm for finding the largest of a set of \(n\) uniquely numbered processes in a ring. The algorithm requires \(O(n \log n)\) messages in the worst case, and is unidirectional. The number of processes is not initially known.
Peterson:1983:CRW


Peterson:1983:NSL


Proebsting:1996:DDR


Pratikakis:2011:LPS


Patrignani:2021:RSC


Poletto:1999:CTL


Paek:2002:EPA


REFERENCES


REFERENCES


[PS08] Barak A. Pearlmutter and Jeffrey Mark Siskind. Reverse-mode AD in a functional framework: Lambda the ultimate backpropagator. ACM Transactions on Programming Lang-
REFERENCES

Pottier:2005:SAS

Pierce:2000:LTI

Purushothaman:1991:CDF

Purtilo:1994:PSB

Pugh:1994:SAU

Pugh:1998:CBA

Palsberg:1995:EIA
REFERENCES

[162](print), 1558-4593 (electronic).


Pangel:2022:SSL


Palsberg:2005:ADC


Qian:1995:CRO


Qian:2000:SFI


Quong:1991:LPI


Quillere:2000:OMU


Ranganath:2007:NFC

[162] Venkatesh Prasad Ranganath, Torben Amtoft, Anindya Banerjee, John Hatcliff, and Matthew B.
REFERENCES


Ramalingam:1994:UA


Ramalingam:1999:ILA


Ramalingam:2000:CSS


Ramsey:2003:T


Rogers:1995:SDD

Anne Rogers, Martin C. Carlisle, John H. Reppy, and L. J.


REFERENCES

Reiss:1983:GCS


Rem:1981:APN


Reps:1986:GEI


Reps:1998:MMT


Reps:2000:UCS


Ramsey:1997:SRM


Rosenkrantz:1987:EAA

REFERENCES

Rhiger:2003:FEL


Richter:1985:NSE


Roychoudhury:2004:UFT


Renganarayanan:2012:PLT


Rinard:1998:DIE


Ryder:2001:SIM

REFERENCES


REFERENCES


[Runge:2023:IES] Tobias Runge, Marco Servetto, Alex Potanin, and Ina Schaefer. Immutability and encapsulation for sound OO information flow control. ACM Transactions on Programming Languages and Systems, 45(1):3:1–3:??, March 2023. CODEN ATPSDT. ISSN 0164-
REFERENCES


Sagiv:2007:ISE

Samet:1980:CAP

Sands:1996:TCL

Sangiorgi:2009:OBC

Solovyev:2019:REF

Spoto:2019:SII

Shi:2022:TCP
REFERENCES

Schwartz:1980:U


Schneider:1982:SDP


Schmidt:1985:DGV


Soares:2023:SCE


Skorstengaard:2020:RAM


Swalens:2021:CCC


Sampaio:2013:DA

REFERENCES

**Strickland:2013:CFC**


**Sethi:1983:CFA**


**Stamos:1990:RE**


**Sreedhar:1996:ILU**


**Sreedhar:1997:ICD**


**Sreedhar:1998:NFE**

References


REFERENCES

ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Shankar:1992:SRH


Schultz:2003:APS


Sloane:1995:EAG


Spoto:2010:TAJ

[SMP10] Fausto Spoto, Fred Mesnard, and Étienne Payet. A termination analyzer for Java byte code based on path-length. ACM
REFERENCES

Transactions on Programming Languages and Systems, 32(3): 8:1–8:70, March 2010. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


[SP97] Patrick M. Sansom and Simon L. Peyton Jones. Formally based

**Simonet:2007:CBA**


**Spooner:1986:MAR**


**Sekar:1995:FSA**


**Shen:2021:ALI**


**Suhendra:2010:SA**


**Sagiv:1998:SSA**


REFERENCES


Stuckey:2005:TO


Schulte:2008:ECP


Schulte:2009:EEC


Staiger-Stohr:2013:PIA


Sneyers:2009:CPC


Sanchez-Stern:2023:PIA


Schonberg:1981:ATS

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Year</th>
<th>Volume</th>
<th>Pages</th>
<th>Journal</th>
<th>DOI</th>
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</thead>
</table>
Shao:2005:TSC

Smith:1996:PTV

Sangiorgi:2019:EBP

Simpson:2020:BEM

Sabry:1997:RCV

Steckler:1997:LCC

Sewell:2010:NPP
REFERENCES

DEN ATPS DT. ISSN 0164-0925 (print), 1558-4593 (electronic).


[TCVB14] Alexandros Tzannes, George C. Caragea, Uzi Vishkin, and Rajeev Barua. Lazy schedul-


[TVA07] William Thies, Frédéric Vivien, and Saman Amarasinghe. A
REFERENCES


**Tanenbaum:1982:UPO**


**Thatcher:1982:DTS**


**Toninho:2018:ISB**


**Toninho:2021:PSF**


**Tse:2007:RTP**


**Ungar:1992:A**


**Unger:2002:HIL**

REFERENCES


REFERENCES

Venkatesh:1995:ERD


VanRoy:1997:MOD


VonHanxleden:2000:BCP


VanderZanden:2001:LLA


Verdoolaege:2012:ECS

Vasconcelos:2022:TDM


Volpano:1991:TCS


Vakar:2022:CCH


VonBank:1994:UMP

REFERENCES

VanNieuwpoort:2010:SHL


Waddle:1990:PTC


Wallis:1980:ERO


Wallis:1981:CER


Wall:1992:ESD


Wand:1982:DTC


Waters:1983:UFC


Waters:1991:ATS

REFERENCES

ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Waters:1994:CBP


Wright:1997:PST


Walker:2000:TMM


Wileden:1990:CEO


Wileden:1991:CCE


Webber:1995:OFP


REFERENCES


[Wis79] David S. Wise. Morris’s garbage


REFERENCES


Wu:2012:STB


Weimer:2008:ESP


Wolf:1992:GEI


Welch:2010:SCF


Wang:2008:DSJ


Whitfield:1997:AEC

REFERENCES


Wang:2015:EAS


Wall:1985:TCN


Wehr:2011:JIT


Wu:2004:ETC


Wu:1995:WCC


Wegman:1991:CPC


Ward:2007:SPT

Martin Ward and Hussein Zedan. Slicing as a program transformation. *ACM Transactions on Programming Lan-
198

REFERENCES

Xie:2007:SSF


Xie:2020:CSA


Yemini:1987:ATE


Yemini:1988:TCA


Yiapanis:2016:CDS


Yang:1998:STE

Tao Yang and Cong Fu. Space/time-efficient scheduling and


REFERENCES

**Yu:1994:LTS**


**Yellin:1991:ILI**


**Yellin:1997:PSC**


**Young:1999:SCB**


**Yahav:2010:VSP**


**Yang:2002:EEB**


**Yang:2022:DDZ**

Zave:1985:DAF


Zhao:2007:FFS


Zhang:2005:CPT


Zhao:2007:FFS


[ZP07] Xiaotong Zhuang and Santosh

Zhuang:2007:AAR


Zic:1994:TCB


Zh:2007:AAR

\[\text{Zhuang:2010:OFE}\]


\[\text{Zhong:2009:PLA}\]


\[\text{Zhang:2021:CP}\]


\[\text{Zhao:2020:DLS}\]


\[\text{Zhou:2022:RIR}\]