A Complete Bibliography of Publications in ACM
Transactions on Programming Languages and Systems
(TOPLAS)

Preston Briggs
Tera Computer Company
2815 Eastlake East
Seattle, WA 98102
USA
Tel: +1 206 325-0800
E-mail: preston@tera.com

and

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/

23 November 2019
Version 2.132

Title word cross-reference

(SRW02), + [Han81a], T\textsuperscript{M} [Bla03]..ex/
[AW82], \[DDD]CG02, A [DES12], \(\mathcal{R}\)
[JMSY92], \(\mathcal{R}_{\text{Lin}}\) [VR95], \(\ell\) [ADG+94].
\(O(nn)\) [Pet82], \(\phi\) [CF95, DR05]. \(\pi\) [ABL03].

\(k\) [ADGM91, BL94b, KM81]. 2 [Dam03]. 3
Abstract [BGL93, BK11, CMB+95, CFG+97, DGG97, DLR16, ELS+14, EO80, GS98, HL82, JPP91, KRR18, Lan80, LO94, LV94, LM18, LR13, Loe87, MSJ94, MP88, SS98, She91, Wei89, van88, ABS09, BDL+08, BdlBH99, Leu04, RR05, HR02, HO07, KSK07, PHP02, PSS05].

Access [ABLP93, BCC04, KS83, Mis86, NBG13, HR02, HO07, KSK07, PHP02, PSS05].

Access-Right [KS83].

Accessing [CB80].

Addendum [Bir85].

Additions [ACW90, BN94].

Accessing [ACW90].

Adjusting [ABB+09].

Algebraic [BP82, BWP87, CIJGP18, CGG+19, Jen97, Lin93, SV19b, JB06, SP07].

Algorithm [AB81, Bak82, BB79, BAC16, BP82, DSW82, Dha91, DP93, GHS83, Hua90, Hud91, JJC019, LV94, LY98, Lei90, LT79, LH91, MM82, MC82a, Pet82, SH89, TB98, Wis79, BKR98, BH99, DR05, DVD07, JNZ06, Van96a, Van96b, Han81b, BKR05].

Alternative [Gho93, GH80, Zav85].

Amalgamation [Tho94].

Amortized [HAH12].

Amulet [VHM+01].

Analysis [AC94, CC95, CFM94, TN19, KSV96, SJ03].

Analysis [AKNP17, ABE+05, AD98, Bae84, BNN18, BC85b, Blo94, BE13, Bur90a, CFH18, CFG19, CDK+18, CM91, DKL18, DL93, Deb95, DP97, DAW88, FPS19, FJK+17, GNS+15, GJ93, HP96, HOY18, Hii88, Hor97, ISY88, Jen97, JJC019, KD94, WJS+00].

Abstract [BGL93, BK11, CMB+95, CFG+97, DGG97, DLR16, ELS+14, EO80, GS98, HL82, JPP91, KRR18, Lan80, LO94, LV94, LM18, LR13, Loe87, MSJ94, MP88, SS98, She91, Wei89, van88, ABS09, BDL+08, BdlBH99, Leu04, RM07, SYY+07, SJ03].

Abstraction [CGL94, CL94, Der85, GMH81, SM81, BMR05, BBTS07, GMZ00, LN02, LH08, MOSS96, PR07, ELL82].

Access [ABLP93, BCC04, KS83, Mis86, NBG13, HR02, HO07, KSK07, PHP02, PSS05].

Access-Right [KS83].

Accessing [CB80].

Addendum [Bir85].

Additions [ACW90, BN94].

Accessing [ACW90].

Adjusting [ABB+09].

Algebraic [BP82, BWP87, CIJGP18, CGG+19, Jen97, Lin93, SV19b, JB06, SP07].

Algorithm [AB81, Bak82, BB79, BAC16, BP82, DSW82, Dha91, DP93, GHS83, Hua90, Hud91, JJC019, LV94, LY98, Lei90, LT79, LH91, MM82, MC82a, Pet82, SH89, TB98, Wis79, BKR98, BH99, DR05, DVD07, JNZ06, Van96a, Van96b, Han81b, BKR05].

Algorithmic [BP82, CFNH18, GM12, Loe87].

Algorithms [Apt86, BA84, CIJGP18, CGG+19, CS95, CN83, GLO88, KRS84, KKM90, Kro82, Kro83, Kro84, Kro85, Kro86, Kro87, Kro88, Kro89, Kro90, Kro91, Kro92, MM89, RD87, RH87, RP88, TM93, WW95, Apt00, DAS98, GC01, ZG05].

Alias [Hor97, HBC99, RRSY08].

Allasing [Boe85, Ram94, RLS+01].

All-Purpose [Spo86].

Allocating [ZP07].

Allocation [BB79, Bre89, BCT94, CH90, CS95, FLBB89, GSO94, LCBS19, Rob79, SH89, CGS+03, HCS10, LGAT00, PS99, PF96, RDG08, SRM10, TP04].

Alma [ABPS98].

Alma-O [ABPS98].

Almost [Due08, Ram99].

Alternative [Gha93, GH96, Zav85].

Alway [Gr97].

Ambients [BCC04, LS03, MH06].

Ambiguity [Tho94].

Amortized [HAH12].

Amulet [VHM+01].

Analyses [AC94, CC95, CFM94, TN19, KSV96, SJ03].

Analysis [AKNP17, ABE+05, AD98, Bae84, BNN18, BC85b, Blo94, BE13, Bur90a, CFH18, CFG19, CDK+18, CM91, DKL18, DL93, Deb95, DP97, DAW88, FPS19, FJK+17, GNS+15, GJ93, HP96, HOY18, Hii88, Hor97, ISY88, Jen97, JJC019, KD94, WJS+00].
array-valued [RMH06]. Arrays [BBC16].

Article [Ano18]. ASF [VHKO02]. aspect [DWW08, WKD04]. aspect-oriented [DWW08, WKD04]. AspectML [DWW08]. Aspects [Bor81, Set83]. assembly [AAR+, MWCG99].


Associated [PPS79]. associativity [Cha02]. Associons [Rem81]. assume [HQRT02].

assume-guarantee [HQRT02]. Assumptions [ES97]. AST [GVC15].

Asynchronous [Bag89, GLO88, Mis86, GM12, HR02]. ATL [WSH15]. Atomic [WL85, Wei90, AE01].

Atomicity [JLP+14, Wei89, FFLQ08]. Attacks [SBE+19]. Attribute [CP95, Hud91, Jon90, Kat84, KR79, MK94, RD87, WW95, Boy96, CP96, Wu04].

Attributes [HT86]. Author [Ano86a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano94, Ano95, Ano98, Bur91].

authorization [FGM07b]. Authors [Ano82, Ano83, Ano84, Ano85, Ano86b, Ano87, Ano88b, Ano90b, Ano91b, Ano92b].

auto [ZP10]. auto-addressing [ZP10].

Automata [BMW91, CBM019, ES97, Pro95, KV00].

Automata-Theoretic [ES97, KV00].

Automated [GRSK+11, KZC15, KF00, Sok87, JNGG10]. Automatic [AKNP17, AK87, Ano02a, BBC16, Cat80, CES86, DSS90, KK98, Le 88, LK02, LS04, MS83, PZJ05, RH87, SSS81, SL03, She91, Wat91, Wha94, ABH11, ATD08, BdlBH99, CRN+08, ZCG+07].

Automatically [Slo95].

Automating [GKL94, MTSS09]. Avoidance [FGL94]. aware [MQ05]. Axiomatic [AR80, App94a, Boe85, Sou84, YB87, YB88, LP80].

Axioms [Mis86].
B [Han81a], backpropagator [PS08].
Backtracking [Lin79, VR95, FM87a].
Backward [DL18, Mye18]. Balanced [AS80, PB80, vHK00]. Barrier [CHMY19]. base [LS98]. Based [BPP16, BGL93, Bur90a, CGJ+97a, CEG07, YUW02, YS99].
Building [Jag94]. BURS [Pro95]. Bus [Pur94]. Bytecode [SA99, BDL+08, CSMC00, FM99, GPFO8, KR01, Qia00, SMP10, WR08]. Byzantine [LSP82].
Caching [ABM93, FK85, KS86, LST98].
Calculational [Bou06]. calculus [ABS09].
Calculus [ABLP93, BKL+97, BN94, Gom92, Miq19, MRG88, Nel89, Oh95, WM95, AB03, AH10, Bou05, Bou06, BCC04, DES12, HR02, IPW01, Jay04, TA08a, KPT99]. Call [DP97, GL05, GC01, HL05, KK07, SW97a].
call-by-value [IL05, SW97a]. Calls [BN18, Cohn3, Coh85, FF08]. Can [Boe85, Cohn9, Wir91, CG04]. capabilities [WCM00]. capability [TA08a]. Carlo [FL15]. carrying [AM11]. Case [CFG19, FTJ95, WW95, BdlB99, KF03].
Cats [AMT14]. Cause [Cas05]. CCP [EGM01]. Cerged [NCH+05]. Cedar [SBBH86]. Cells [IS88].
Centered [CHY12]. Centers [KR84]. Centralized [HM84].
centric [DHM+12]. Certificate [BGKR09, BK11]. certified [STSP05].
Chaining [LS80]. Chains [H94].
challenge [MP02]. change [BA08, CP96, Lee90]. Changes [Ber94, MTSS09]. changing [MP07].
Coupled [ACW90]. Covariance [Cas95].
covariant [PZJ05]. Creating [Mye90].
criteria [Hai05]. Critical [PS93]. Critique [GM81]. Cross [Ano18, FTJ95, GSS+18].
Cross-Interferences [FTJ95].
Cross-Language [Ano18, GSS+18].
Cryptographic [App15].
CS [CD79]. CSP [AF84, Bag89, BS83, Fid93, Hua90, LS84, Zic94].
CSP-Like [Hua90].
CSS [HLH19].
currency [DS98]. Curry [LR19].
Curry-Style [LR19].
Custom [DJP+16].
CV3 [CZ84]. Cycle [BG89b, PKB+07].
Cycles [FRW90]. Cyclic [RY88].
D. [Bur91]. Data [AMT14, ANP89, AM85, Bac84, BC85b, BL87, Bur90a, Cha93, CS87, Deb89, DP93, DD85, Ei82, EO80, FL81, GMH81, GEGP17, HLS82, Her93, Hes88, Hol87, Jen97, JCCO19, KH92, Kam83, KZC15, KK98, KDF94, Lai89, LO94, Loe87, Mal82, MMR95, MCT96, PP91, QG95, RCRH95, RP88, SSS81, Sku95, SGL98, SM81, TWW82, WL85, Wei90, Wet82, Wey83, CFP+04, DMM+12, DGS97, HBJ90, KBC+99, KF00, LK02, Rep90, SP07, VALG05, YUW02, ZGZ05, Pur91].
data-centric [DHM+12]. Data-Driven [BS87, CS87, JCCO19]. Data-Flow [BC85b, Bur90a, Wet82, RP88, KBC+99].
data-independence [Rep90].
data-member [KF00]. Data-Parallel [Cha93, HBJ98].
Dataflow [Deb95, DFR15, MWB94, SS13, SS56, Van90a, Van96b, VHM+01].
datalog [LS09]. datatypes [MBC04].
Deadlock [CHMY19, Hua90, Kob98].
Deadlock-Free [Kob98].
Deadlocks [FKJ+17]. Dealing [GLMM05, GG85].
Debugging [CMN91, CM93, Cop94, Hen82, WST85].
Deciding [GGL15]. Decision [MTG80, NO79].
Decisions [MTSS09].
Declarative [ABPS98, TCVB14, Boun05, MME+10].
Decomposition [BB94].
Decomposing [BDL+08]. decomposition [LKF02].
decrease [LDK+96]. Deducing [TB95].
deduction [LMD98]. Deductive [MW80].
Default [NSN+14]. Deferring [MTSS09].
Defined [Wal92, Wal80, Wal81].
Defining [Ode93]. definite [RKR04].
Definition [Bou92, BWP87, CSS99, Fid93, HS94, WCW90, WCW91, Woi94].
Definition-Use [HS94].
Definitions [BS86, Wil82b, Dam03, VHK02, SI89].
Delay [BG89b].
Delayed [KPF95, RC03].
Delayed-Load [KPF95].
Delaying [Kau84].
Deleting [GP81]. Delimited [BDM15].
Demand [FPS19, GSW95, PA85, PA86a, PA86b, PF96, SR95, DGS97].
Demand-Driven [GWS95, PA85, PA86a, PA86b, FPS19, PF96, DGS97].
Denali [JNZ06].
Denotational [AB94, FA93, Gud92, MSJ94, NF89, Nie85, Sch85, dBB85].
Dependence [BGH+13, CFR+91, FOW87, HBG+09, HBR90, PB97, PW98, Woi94, RAB+07].
Dependences [PW94].
Dependencys [Deb89, CSS99]. Dependency [Blu99].
Dependent [LS80, Miu19, NBG13, Ode93, RTD83, Rob79].
dequeues [Chi05].
DeRemer [Sag86]. Derivation [BBK80, Cat80, DSW82, Gie83, HMP97, Kna90, TM93, Ano02a].
Deriving [Wan82, Boun06].
Describing [AW85].
Description [McG82].
Descriptions [Boe85, BL+97, Cat80, Ano02a].
Descriptors [Hol87].
Design [BPP16, BCD+15, BOA94, DF80, DF81, FT94, HM84, KKM90, LDM07, ML80, RCS93, RL98, SYK+05, Boun05, MTSS09, CMLC06].
design-pattern-based [MTSS09].
Designing [Lai89, ALZ03].
Designs [AW85].
destructive [SRW98].
Detect [ISY88].
Detecting [GWS95, HCS10, Sch85].
Detect [CM86a, Hua90, MCS82a, MCS82b, TM93, AFF06, HDH02, PFH11, PCJD08, XA07].
Determinacy [TK94].
determination
Determining [MF88].

determinism [TA08a]. Deterministic [KR79, Mye18, DL18, Tar07]. Development [BKB80, Col84, Fea87, Jon83, ML80, PPS79, Wil82a].

Diagnosis [BF87]. Dialect [Mul92]. Dialects [BCM99]. DIB [FM87a]. difference [BA08].

Differencing [PK82, RSL10]. Differential [BKOZB13, ZP07]. Differentiation [Sha82].


Discipline [FGM07b]. Disciplines [SS84].

Discovering [FJK+17]. discovery [PZJ05]. Discrete [Bar81]. Discrete-Event [Bar81].

Disjunctive [Jen97, JCC019]. dispatch [DAS98, MFRW09]. dispatching [GZ07].

Distance [Wol94, ZSD09]. distribute [CRN+08]. Distributed [ABLP93, AF84, Apt86, AW85, BKS88, BCDM15, Bur84, CJK95, CMI86a, CMBDF95, CS95, DAW88, Dug99, FLBB99, Fra80b, GHS83, Hig17, Hua90, HM84, Jon94, Kat93, KK98, KRS84, KMK90, Lam84, LS83, MC82a, RCR95, SS84, Sch92, TMK93, TCP+17, Zav95, ABL03, FM87a, HVB+99, KGMO04, LK02, MDJ05, Pqi96, Fra80a, Moh81, VHB+97].

Distributed-Memory [KK98, RCR95].

div [Bou92]. Divergence [SdS93]. DJ [DR05, SGL96, SGL98, UM02]. DJ-graphs [UM02]. DLLs [Dug02]. do [SOS0a].

Documentation [MII86]. does [DMP96].

dolce [MP10a]. Domain [LM18, TDA88, RM07, SS05a]. Domains [CMB+95, ELS+14, GS98, FH04, GLMM05].

dominance [ANO02b, DVD07]. dominator [SGL97]. Dominators [LT97, AN002b, BKR98, BKR05]. Don’t [AKNP17].

drf [MSM+16]. Drinking [CM84, MS88]. Drive [PK80]. Driven [BL87, CS87, GF85, GSW95, JCC019, PA85, PA86a, PA86b, TGT18, YBL16, DGS97, FPS19, PFC96, YM97]. Dually [MT08].

Dummy [Lam88]. During [BKB80]. DyC [GMP+00]. Dynamic [ACP91, AGT89, AS97, BSS97, BD15, BR89, CGG+19, CHMY19, CTT07, DS98, Dug99, HSS+14, HN05, Kais98, KR79, RCR95, Ven95, WR08, dBB85, ACE96, BP12, CEI+07, DDDCG02, GZ07, MMM+07, PHEK09, SJ12, SHB+07, SYK+05, SYN60, WKP04, ZGZ05].

eager [FKW00]. Earley [Lei90]. Early [AB81]. ECCS [CDFP98]. Edge [DP93].

Editing [FL81, HT86, Nix85]. Editor [FM87b, DeM83, Mye18, Per90, Rep86, Wol92]. Editorial [AP07, AP93, AG93, FM87, MP07, Me18, Pal11a, Pal11b, Pal12, Pal13, Pal15, FP02, OP04]. Editors [DMM88, MM89, RTD83, Wat94].

EDO [OKN06]. effect [RLS+01]. Effective [BS83, Col84, KKN06, N05, PE08, WJ98, YWU02].

Effectiveness [BdBB99, SH89]. Effects [Boe85, SV19b, TA88b]. Efficient [AKB99, ADM01, BB89, BHG+13, Bree89, CAM99, CS95, DP82, DMM88, GZ05, GZ07, GLR83, GLO88, GSO94, HVB+99, HS94, HSS+14, HIT97, JP81, Jon90, KMK90, KRS88, KPF95, MVV+01, MM82, NB99, N05, PHP02, PX95, PKH07, PA85, PA86b, RH87, SS08, SA00, SS88, TN19, WG98, YUW02, BCP08, GB99, KSV96, LPS04, LSG09, LBK+07, TF04, VW10, YFW98, PA86a, SS09]. Efficiently [Bal94, CFR+91, CF95]. Eiffel [ACE96].

elaboration [KR01]. Election [Hua93].

Eliminating [BT93, Coh83, Coh85, RD03].

Elimination [DP93, SGL98, KKN06, KCL+99].

Elimination-Based [SGL98]. embedded [BCP98, CSCM00, HK07, Rhi03, SRM10, TP04, ZP10]. Embedding [HP87].

Empirical [BKH07, DBC+16].

Empowering [JSB+12]. Emulator [ML80].
General-Purpose [HSS+14].
Generalization [Nel89, LMD98].
Generalized [Ans87, BS83, KD94, Lin79].
Generalizing [DB85]. Generals [LSP82].
Generate [Son87].
Generated [Slo95, dJKVS12].
Generating [HBM+06, HT86, Jef03, LR13, JNZ06].
Generation [AGT89, AS80, BOV85, BM94, DSS83, DS90, GF85, GVC15, HKR92, HKR94, Pro95, Rei83, Rob79, She91, ST00b, UJ92, DAS98, MSRR00, PHEK99].
Generative [Gel85].
Generator [PPS79].
Generators [Cat80, GHK81].
Generic [LV94, DDM11]. generics [IV06].
Geometry [CR87].
George [NN86].
GJ [IPW01].
Glanville [MSRR00].
Global [Bac84, Dha91, GHB+96, OHL+14, PK80, PS92, Sch85, dHB+96, CS04, KBC+99, DS88, Sor89].
GLR [SJ06].
Goal [Dar90, Gud92, SYYH07]. Goal-Directed [Gud92, SYYH07]. Goal-Oriented [Dar90].
Goto [CF94].
Guided [SL92].
Guarantee [GEGP17, LFF14, HQRT02]. guarantees [LS09]. guard [MP07]. guarded [SP07].
Guardians [LS83]. Guards [Ber80]. Guest [FP02, OP04, DeM83, Per90, Rep86, Wol92].
Guide [App94a, BDH+16]. Guided [OLH+16]. guiding [VALG05].
Hackers [App94a].
Hancock [CFP+04].
handle [VJB12].
Handling [Han96, LdR81, Piq96, SSS83, UM02, YB85, YB87, YB88, CRN+08, LS98, LP80, SSD09, Hen83]. Hard [Hor97].
Hardware [BKLI+97, Mis86].
harmful [Gor04].
Hasing [PB80, Duc08].
Haskell [GRSK+11, HHPW96].
heap-manipulating [YS10].
Heavily [BG89a].
Hennessy [CM93, WST85].
Herding [AMT14]. Heuristic [SL92].
hiding [LN02, OYR09].
hierarchich [AG04]. Hierarchical [BA99, CP95, CD79, Ay01, CP96]. hierarchically [MBC04].
hierarchies [ST00a, Van96a, Van96b]. hierarchy [KF00].
High [Cam89, Fat82, MSM+16, URJ18, CMS03, VWJB10].
High-Level [Cam89, Fat82, CMS03, VWJB10].
High-Performance [URJ18].
Higher [AC94, AD98, CJK95, DJP+16, FPS19, SV19a, BBTS07, DF11, SKS11, SP97].
Higher-Order [AC94, AD98, CJK95, DJP+16, FPS19, SV19a, BBTS07, DF11, SKS11, SP97].
Highly [Her93, Skn95].
Hoare [Apt81, GM81, LS84, Sok87, Yin11].
Hoc [MDCB91]. Holistic [ZMVPJ17].
Homomorphisms [HIT97].
HOP [BLRS12].
Hybrid [KF10, KS10].
Hyperball [LM18]. hyperdoctrines [BBTS07].
I-Structures [ANP89]. I/O [Car95]. Icon [GHK81, Gri82]. id [Bee94].
idempotency [KOE+06].
Identical [FLBB89].
Identification [BGH+13, SBE+19].
identify [MMM+07]. Identifying [Ram99, SGL96]. Idioms [PP94].
IDL [Lam87]. IEEE [Fat82].
Ignorance [GNS+15].
Illustrative [Oss83].
Impact
[BHM+19, OLH+16, CKT86]. Imperative
[ABPS98, DFR15, Gro06]. Implementation
[AKBLN89, AOC+88, BCD+15, Bou88,
Bre89, BS83, CM86b, GMH81, Gaz83, Lin93,
MDCB91, PXL95, RL98, WSL5, CMLC06,
FM87a, GB99, LDM07, LPS04, Tra08,
Zho96]. implementations
[BBF+11, BFGT08, DF98]. Implemented
[DB85]. Implementing
[BR97, Her93, HW82, Sku95]. Implications
[Fat82]. Implicit
[BH05b, SJP12]. Implicit-signal
[KF00]. Improved
[GHR80, Mur91, KK07]. Improvement
[MS83, San96]. Improvements
[BCT94]. Improving
[QL91]. Independence
[DHM00, Rep00]. Independent
[Ml80, Mul92]. Index
[Ano86a, Ano88a, Ano89a, Ano90a, Ano91a,
Ano92a, Ano94, Ano95, Ano98]. indexed
[AM01]. indices
[Piq97]. incomplete
[GLMM05]. incompleteness
[MM+07]. Inessential
[SSL82, LaL84]. Inference
[CWCE14, Debs89, Hev93, LO94, LY98, Pad19,
TB98, Wey83, FLLQ08, JB06, PM06, PT00,
PS03, Van06]. Influence
[FT95]. Information
[AR80, Ano82, Ano83, Ano84,
Ano85, Ano86b, Ano87, Ano88b, Ano89b,
Ano90b, Ano91b, Ano92b, ASF17, BC85b,
HR02, NBR13, PBR+15, PS03, GS99, HY07,
LN02, OYR09, TZ07]. Information-Flow
[BC85b, TZ07]. infrastructure
[SWU10]. Infrastructure Flow
[FLQ08, JB06]. Initializations
[FM99]. Injection
[SBE+19]. Input
[BSS83, 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, BGP99]. Integrated
[SS13]. Integrating
[HPR89, WJS+00]. Integration
[CO90, Len04]. Intensional
[STS03]. Interaction
[WSH15, WT11, van88, BCM99]. Interactions
[JS94]. Interactive
[ACS84, BS86]. Interconnectability
[MY18]. Interface
[Win87, van88]. Interfaces
[DS90, Mye90, TLHL11, WT11]. Interferences
[FTJ95]. Interfering
[Jon83]. Intermediate
[Lam87, Pem83, Tvs82]. Internal
[Han81a]. International
[Wol92]. Interoperability
[Ano18, GS+18]. interoperable
[BFGT08]. Interpretation
[BGL93, CFG+97, DLR16,
KRR18, LV94, MSJ94, BdlBH99,
DGG97, Len04, SYH07]. Interpretation-Based
[DLR16]. Interpretations
[CMB+95, HY91, SJ03]. Interpreters
[LR13, CEG07]. Interprocedural
[Bur90a, BT93, DP97,
HAM+05, HS94, HBC99, HRB90, NR06,
SH89, CTT86, DVT07, DGS97, FMO11,
JLR90, KK07, RLS+01]. Interprocess
[RS+84b]. Interprocessor
[Ang89]. intersection
[Dam03]. Intertask
[FT95]. Interval
[Bur90a, GNS+15, HF04]. Interval-Based
[Bur90a]. Introduction
[DeM83, HW82, Per90, Rep86, Sag07,
Wol92]. Invariant
[BKB80]. Invariants
[Cla80, GEGP17]. Irreducible
[Hav97, UM02]. Irregular
[YF98]. Irrelevant
[GP81]. Iso
[LBN17]. Iso-Recursive
[LB17]. Isolation
[Wha94]. Isomorph
[JJD98]. Isomorph-free
[JJD98]. Issue
[Ano18, Sag07]. Issues
[BO94]. Iterated
[GA96]. Iteration
[Cam89, MOSS96, GS11, JLF02, Qia00]. Iterative
Jade [RL98]. Jam [ALZ03]. Java [AFF06, ALZ03, ADD+07, BH05a, Bla03, BALP06, CGS+03, CMS03, CSCM00, FFLQ08, FM99, GPF08, IPW01, KKN06, KGM004, KN06, KR01, LST02, LP06, LS08, Loc13, MMV+01, MME+10, MFRW09, MMG00, NR06, OKN06, Qia00, RRK19, SLC03, SMP10, SBE+19, SA99, SYK+05, TN19, TSL+02, WR08]. Java-like [KN06]. JavaCOP [MME+10]. JavaGI [WT11]. join [WKD04]. JR [KGMO04]. Jump [LS08, RS04a]. Just [DLR16, TN19, SYK+05]. Just-In-Time [TN19, DLR16, SYK+05]. JVM [HO07].


labels [Sto04]. Laboratory [Bor81]. LaLonde [Hen83, LaL83]. LALR [DP82, KM81, PCC85]. Lambda [Geo84, Gom92, NN86, PS08]. Laminar [PBR+15]. Lamport [Ang89, Pet83b]. Language [ACPP91, AOC+88, Ano18, ABP98, BS86, BPP16, BO94, Bor81, BC91, DVL15, Fat82, Fea87, FFF+18, GSS+18, Gud92, Hal85, HSG17, JMSY92, JPP91, Kii89, McG82, Per79, PPST9, RTD83, RCS93, Spo86, SNS+14, Tur84, Wet82, Win87, YS91, YB87, dJKVS12, van88, Bon05, BSvGF03, CFP+04, DWW08, DF98, FM99, Gro06, HB98, KN06, LP99, MF90, MWC09, PPT08, PHEK99, Tra08, VHKO02, HCW82, YB88].


Liveness [ACW90, GC86, OL82, RY88, HDH02]. LL [BF87]. Load [KPF95]. Loaded [BG89].

Local [BDF09, CBG95, PT00, TSBR08, Wei89, Dam03, San96]. Locality [BAC16, MCT96, VLA05, ZSD09]. Locally [AB81, Bac84, Min84]. locating [JNGG10].

Locator [ZMVP17]. Lock [GEGP17, KS10]. Lock-Free [GEGP17].
lock-freedom [KS10]. locking [AFF06].
LOCKSMITH [PFH11]. Logic
[AS98, AFV98, Apt81, BGL93, BL87, BCD90,
BDJ13, BMPT94, CS04, CE86, CFM94,
DW89, Deb89, DL93, Deb95, DJP+16,
JPP91, Kar84, LS84, Lam94, MW84, MSJ94,
MMG92, SS98, Sok87, TK94, TB95, BBTS07,
BMR01, BCG+07, BiliBH99, CU08, CG86,
SS99, DDV99, DPPR00, GHB+96, GW99,
HVB+99, HPMS00, KWL99, LMD98, Leu04,
PM06, RKKR04, SRW02, Yin11, dHB+96].
Logical
[BN18, GGL15, GS98, TY18, RSL10, Tar07].
Look [DP82]. Look-Ahead [DP82].
Lookahead [KM81, MF88]. Loop
[BAC16, CS87, MCT96, Sit79, RKSR12].
Loops [BAGM12, Boo82, CK94, DB85,
FTJ95, Hav97, Wat91, Ano02b, LS04,
LSLR05, Ram99, RDG08, SL96, UM02].
low [CSCM00]. low-end [CSCM00].
Lower [PW94]. LR [ADGM01, BL94b, BF87,
CPRT02, DMM88, Je03, JP17, KC01,
LaLS81, LaL84, SS82, ST00b]. LR-based
[KC01].

M [Bur91, Mul92]. M-LISP [Mul92].
Machine [CGJ+97, Cat80, GNS+15, Gie83,
Han94, JCC019, LR13, ML80, RF97, SS98,
Wal92, Zav95, Ano02a, CEG07, CF04, HK07,
KN06, Oho07, RBB99]. machine-checked
[KN06]. Machine-Code [LR13].
Machine-Independent [ML80].
Machine-Learning [JCC019].
Machine-Specific [Gie83]. machinery
[FKW00]. Machines
[ACW90, Bee94, CGST95, GC86, KK98,
PS93, PP91, Rob79, RCR95, AY01, AG04,
ABE+05, ABS09, TSY00, Pur91]. Madsen
[Ell82, SM82]. Magma2 [Tur84].
Maintenance [GKL94]. Making
[JC97, Loc13]. malware [PCJD08].
Management
[JP81, Mur91, van88, BP12, WCM00, Zho96].
Managing [Bob80]. Manifest [SIG17].

manipulating [YS10]. Manipulation
[DVLM15]. many [AE98]. massive
[BHK07]. Massively [CGST95]. Matching
[AC96, AGT89, CP95, KPS92, ADR06,
Van06]. Matching-Based [CP95].
materializations [RMH06]. Mathematical
[Ban11, Hes88, LW93]. MATLAB [DP99].
MATLAB(R) [JB06]. Matrix [FTJ95].
Matrix-Vector [FTJ95]. Maximal
[BG89b, Rep98]. Maximal-munch [Rep98].
Maximization [GLO88]. Maximum
[KN90]. May [Hor97]. May-Alias [Hor97].
MCALIB [FL15]. Measuring [FL15].
Mechanically [DSW11]. Mechanism
[CO90, YB85, DNS+06]. Mechanisms
[Rei83, HSM06]. Mechanizing [Pau01].
Median [Com80]. Medians [KR84].
megaflops [MMG00]. member [KF00].
Memory
[AMT14, CK94, Cha93, CBMO19, KZC15,
KK98, KRS88, MSN+16, Mis86, RCR95,
SS88, ABH11, BP12, GMM09, GW99,
JNGG10, KF00, LR02, Loc13, QR05,
TSY00, TP04, VBL94, WCM00, MMM+07].
memory-efficient [TP04].
memory-hierarchy [KF00]. Merge
[Ber94]. Merlin [HBM+06]. Message
[CSW06, SS84, Gor04]. Messages
[BB79, Je03]. meta [Tra08].
meta-programming [Tra08]. Metalevel
[Jag94]. Metaprogramming [CB84].
Method
[BN18, BCD90, BF87, HL82,
Jon83, Loe87, JDD98]. Methodology
[Ban87, Her93, SKu95]. Methods
[DAW88, KMS81]. METRIC [MMM+07].
Mezzo [BBP16]. Microanalysis [HCHP92].
Microcode [MV87]. Middle [BDP14].
Middle-End [BDP14]. Might [Bee94].
migration [Piq96]. Minification [HLH19].
Minimal [FKW98, IPW01]. Minimization
[RS84a]. minimizing [RMH06]. Minimum
[GHS83]. Minimum-Weight [GHS83].
Mining [AMT14]. Misled [Cop94]. miss
[MMG99]. Mixin [HLO5, RD13]. mixins
[ALZ03]. **ML** [Blu99, CBMO19, HM93, HT04, PS03, RD13, Spo86]. **Mobile** [LS03, VHB+97, BCC04, KS10, SWU10].

**Mod** [Bon92]. **Modalities** [SV19b]. **mode** [PS08, ZP10]. **Model** [AY01, Ang89, BK11, BL87, BGP99, CGL94, DLR16, ES97, GS98, GG85, GL94, Han81a, HW82, Hol87, JFC019, KH92, MSM+16, MMG92, ND16, VSS94, ACM11, AM01, AE01, JJD98, JPS+08, KN06, Loc13, NP08, QR00, SG04, VWJB10, VALG05, YMW97].

**Model-Checking** [ES97, BGP99]. **Modeling** [AF84]. **Modelling** [AMT14]. **Models** [GJ93, KZC15]. **Modern** [BCF04, RAB+07]. **Modes** [Deb89].

**modest** [LS08]. **Modification** [Lei90, RLS+01]. **Modula** [EO80]. **Modular** [AG04, BMPT94, CDK+18, EMH19, GL94, JBK18, Jag94, KKM90, MBC04, Wei89, YB85, dJKVS12, KV00, MFRW09, MOS07b].

**modularity** [BA99]. **Module** [PAS+15, RD13]. **Modules** [CL95, HW82, Lam83, HL05]. **Monadic** [DG19, MH04]. **Monitors** [BLH12, BH05b]. **Monolingual** [HK85]. **Monte** [FL15].

**Morel** [Dha91, DS88, Sor89]. **Morphing** [HS11]. **Morris** [Wis79]. ** Mostly** [YF09, BBYG+05]. **Motion** [KR94, Hai98]. **MPI** [FK+17, TSY00]. **Multi-Language** [Ano18, GSS+18, MF09].

**Multialgebraic** [WM95]. **multidimensional** [RDG08]. **Multijava** [CMLC06]. **Multilisp** [Hal85]. **multimethod** [DAS98]. **Multimethods** [CL95]. **Multiparty** [JS94]. **Multiple** [ASF17, NSTD+15].

**Multiprocess** [Lam79, Lam80]. **Multiprocessing** [ABR81]. **Multiprocessor** [GP81]. **Multiprocessors** [Cha93, KRS88]. **Multisource** [MMR95].

**Multithreaded** [EGP14, JBK18, JSB+12, KKW14, NR06]. **Multivariate** [HAH12]. **Multiway** [Cha87, Van96a, Van96b]. **munch** [Rep98]. **Mutandis** [SHB+07]. **Mutatis** [SHB+07].

**Mutual** [LH91, ABH11]. **Mutual-Exclusion** [LH91]. **Myths** [Gor04]. **n** [CKT86]. **Naming** [BDP93]. **Natural** [GZ04, dJKVS12, ACE96]. **Neighborhood** [BG89a]. **Neighborhood-Constrained** [BG89a]. **Nested** [Cha93, NB99, ACM11].

**Nesting** [Hav97, Boy10]. **Nests** [BAC16]. **Net** [JTM98]. **Network** [WGS92, WGS93]. **Networks** [CGJ97b, GC86, KRS84, dBB85]. **Newtonian** [RTP17]. **Nicholson** [FA93].

**No** [Ano18]. **node** [JC97, UM02]. **Nodes** [CF95, Han81a]. **Nomadic** [SWU10].

**Nominal** [CU08]. **Non** [CFG19, DL18, LLK+17, Mye18, BS88]. **non-** [BS88]. **Non-Deterministic** [Mye18, DL18]. **Non-polynomial** [CFG19]. **Non-Statistical** [LLK+17]. **Noncanonical** [Tai79].

**Nondeterminate** [TK94]. **Nondeterminism** [Ber80, Hes88, WM95]. **Nonterminating** [QG95, MT08].

**Noninterfering** [HR89]. **nonnumerical** [ME97]. **Nonprocedural** [PPS79]. **nonrectangular** [JLF02]. **nonscalars** [CRN+08]. **Nonsequentiality** [Bar81].

**Nostrict** [Blo94]. **Nontermination** [PM06]. **normal** [LMD98]. **Normalize** [CRN+08]. **norms** [BCG+07]. **Notation** [Rem81, Wil82b]. **Note** [Com80, CM93, MS88, WST85, Coh85, Pal11b, YK97].

**Notes** [Sku95]. **Nothing** [BDH+16]. **Notion** [HW94]. **NP** [Hor97]. **NP-Hard** [Hor97]. **NQLALR** [BS88]. **nulled** [SJ06]. **Numbers** [GLR83]. numeric [Hau96].

**O** [ABPS98, Car95]. **Object** [DF84, HU96, KH92, Ryu16, WGW90, WC91, BSGF03, DMM01, DDDD02, FM99, GPWZ08, HBM+06, JPS+08, LPS004, Piq96, WJS+00]. **Object-Based** [KH92]. **Object-Oriented** [HU96, Ryu16, BSgf03, DMM01, JPS+08, WJS+00].
Objects
Gor04, Zho96. Passive [APK94]. past
[PM09]. Path [Bl09, CJI9P18, SMP10].
path-length [SMP10]. Patient [FF++18].
Patient-Oriented [FF++18]. Pattern
[EPG14, ADR06, Jay04, MTSS90, Van06].
Pattern-Based [EPG14]. Patterns [GH80].
PDS [Han81b]. PEAK [OE08]. Peephole
[DF80, DF81, Pen83, Tvs82]. PegSys
[MS88]. Pennello [Sag86]. Perfect [Duc08].
Performance [HU96, MSM+16, PB80,
URJ18, KF00, EO8]. Performed
[Coh91, Wir91]. Permission
[BPP16, SN+14]. Permission-Based
[BPP16, SN+14]. permissions [Boy10].
Persistent [AM85]. Petri [JTM98].
Petri-Net-Based [JTM98]. Phases
[Bar81]. Philosopher [CM84].
Philosophers [MS88]. pi [HR02, KPT99].
pi-calculus [HR02, KPT99]. pict [SWU10].
Pictures [MH86]. Pipeline [GG83].
Pipeline [BG89b, LPP01, RDG08].
pipelining [ME97]. pitfalls [Mon08]. PL
[CD79, C84, FF++18]. PL/CS [CD79].
PL/CV3 [CZ84]. place [GW99].
Placement [DP93, GS99, vHK00].
Platform [TCP+17]. pluggable [MME+10].
Pluto [BAC16]. Point [CK94, Fat82,
SSB+19, GJ05, Han96, Mon08]. Pointer
[LHR19, LS79, RR03, HBC99, HVH07,
PKH07, RLS+01]. Pointers [SS13, RR05].
p points [WKD04]. Pointwise [VS94].
Policies [NBG13, BDFZ09, FGM07b].
Policy [Kro82, Kro83, Kro84, Kro85,
Kro87, Kro88, Kro90, Kro91, Kro92,
UJ92, BFG08]. policy-based [BFG08].
Polyhedra [GVC15]. Polyhedral
[GVC15, QR00]. POLYLITH [Pur94].
Polyomorph [BM05, Dug99, HT04,
Hen93, KTU93, LQ94, LLY98, Oho95,
SIC17, SV96, WJ98, BSGF03, DWWW8].
Polyomorphism [Bur90b, MDCB91, HDFC99].
polynomial [BAL07, CFG19]. PolyTOIL
[BSG03]. polyvariance [LMD98].
Polyvariant [AC94, WJ98]. POP
[FF++18]. POP-PL [FF++18]. Portable
[DDH84, Han81b, HK07]. Possibly [JP17].
Postfix [DS83]. Postpass [HG83]. Power
[TW92, SSD90]. Powerlist [Mis94].
PPMx [DKV07]. PQ [GZ05].
PQ-encoding [GZ05]. Practical [AD98,
BAC16, BF87, CPF17, Dha91, LR19, ND16,
PB+15, SS13, TSL+02, WC97, Bou05,
DR05, DVD07, DGS97, JN06, PH11].
Practice [KRS94, Ryu16, Bla03, DRSS96].
Pragmatic [BDH+16]. Pragmatics
[Gon92]. Pre [OLH+16]. Pre-Analysis
[OLH+16]. Precedence [Hen83, LdR81].
Precise
[CDK+18, FJK+17, Hor97, TN99, PHP02].
Precise-Yet-Efficient [TN19]. precision
[ZG05]. Precondition [Boo82]. Predicate
[Lam90, BMR05, Bou05, Bou06, MFRW09,
MMS96, PR07]. Predicates
[CBDGF95, Lam88]. predictable
[SHB+07, HK07]. Prediction
[CJG+97a, CE07, YS99]. Predictive
[FJK+17]. Preparing [FK85].
Prescription [FF++18]. Presence
[AWW95, CF94, KT93]. preserving
[DHS09, LST02]. pretenuring [BHM+07].
Pretty [Chi05]. Prettyprinter [Wat83].
Prettyprinting [Opp80]. Primitive
[App15]. principals [TZ07]. Principles
[Bou88, DRSS96]. printing [Chi05].
Priority [CH90, Fid93]. Priority-Based
[CH90]. Privacy [BKOBZ13]. Privileges
[Min84]. Probabilistic
[BKOZ13, CNFH18, DG19, HSP83, MMS96,
OGJ+18, Rao94, SV919, BH99, PPT08].
Problem [ADG+94, CM84, DSS88, Gho93,
LSP82, MS88, Pet82, Pet83b, PB07, S098,
FGM+07a, W04]. Problems
[Bae84, CFH18, DP09, MMR95, SRW98].
Procedural [HF87, Lin93, VSS94].
Procedure [CDK+18, GS99, GL80].
Procedure-Modular [CDK+18].
Procedures [AM85, Kat84, NO79].
Process [Kob98, vPS81, WP10].
process-oriented [WP10]. Processes [AFdR80, Bag89, FDY12, HM84, KS79, MW84, MC82b, Oss83, RY88, Sou84, TY18, dBB85, AE98, KS10, Ber80, Moi83].

Processing [GH80, HSG17, Rei83].

Processor [BG89b, Bud84].

Processors [GLR83, Per79, LPP01, ZP10].

Product [EMH19, RTP17].

Productivity [Sij89].

Profile [BHM +07, YUW02].

Profile-based [BHM +07].

Profiling [ASAVF19, BL94a, SP97].

Program [Bal94, Bar85, BAL07, BKB80, Col84, DKKL18, Der85, FPS19, FOW87, FT94, FL91, HISP83, HKR94, Jen97, JJC019, KKW14, KWL09, Lam83, Lam88, LFF14, MS83, MW80, Mis81, Nie85, PP94, PPS79, Rem81, RTP17, TSY00, Wat94, Wey83, ZSD09, Ass00, DDD05, GZ04, KF03, LH08, NS13, Pao11, RABT07, SLC03, WZ07, WN08, YF09, DKV07].

Programming [AGT89, Ano18, AR84, AP94, AC94, BL94a, Ban87, BGL93, BC85a, BC85b, Ber94, BCD90, BE94, BE13, BEF+16, CR87, CB80, CM86a, Cha93, CFNH18, CFG19, CEW14, CMN91, Cla80, CFM94, CS87, DL18, DGMP97, DW89, Deb89, DL93, Deb95, DP97, DI90, EMH19, EGP14, FJK+17, GG85, GM81, Har80, HCHP92, HPR89, How80, HIT97, ISY88, JKB18, JW17, Jon83, JF81, Kna90, Lam79, LS83, MSJ94, MH86, Mye18, NSZS13, OA88, OL82, PS92, QL91, RAO94, SS98, Sch82, SSS81, SS88, TN19, Ven95, Wad90, Web95, Wil82a, AE01, AA04, BCG+07, CSW06, CSS99, DP99, DTV99, DS98, DMM01, EGM01, GM12, GHG+96, GH97, GPA+01, Hau96, HPMS00, JPS+08, KSV96, LMD98, Leu04, LS09, MF09, NR06, PM06, RKRR04, RR03, Sam96].

programs [VJB12, WM12, YS10, Yin11, dHB96, Bur84, Lam80].

PROLOG [LV94, AP94, AB94, BC91, CH87, FA93, GPA+01, MB94, NF89, Zho96].

Promotion [Bir84, Bir85].

Proof [AFdR80, BDJ13, FRW90, GL80, Moi83, Sag86, SS84, Sok87, WGS92, WGS93, AM01, DSW11, Oho07].

proof-carrying [AM01].

Proof-Directed [BDJ13].

Proofs [Apt86, BC85a, CM86b, JW17, LY98, OS83, GRSK+11].

Propagation [SR95, WZ91, APT00, CP96, SS05a, SS08, SS09].

Properties [ACW90, AS89, CIGGP18, Kar84, LM18, OL82, RR88, TB95, Wei89, YS10].

Proposed [Fat82].

prossima [MP10b].

Protected [PAS+15, WJS+00].

Protocol [SL92, YS97].

Protocols [MB83, BFGT08, SS96].

Prototype [WC90, WCW91].

Prototypes [HW82].

provably [GB99].

provenly [AAD+07].

Proving [DGMP97, GC86, Hen86, Kar84, Lam79, Lam80, OL82].

Pruning [BN99].

PSG [BS86].

publish [Eug07].

publish/subscribe [Eug07].

Pure [BNN18, HU96, Pip97, Tar07].

Purpose [App94b, HSS+14, Spo86].

Pushdown [CBM019].

PYE [TN19].

qualifiers [FJKA06].

Qualitative [CFNH18].

Quality [BHM+19].

Quantification [Vol91, Bur91].

Quantified [Gro06, STS03].

Quantitative [CFNH18].

Quantum [FD12, BH99, YS10].

Queries [Bal94, CGG+19].

Queueing [BB79].
Quiescence [CM86a].

[Ven95, BGP99, SYYH07]. Retargetable
[DF80, DF81, MV87]. Retention [LS81].
Rethinking [LHR19]. retrofitting
[NCH'05]. reuse [DNS'06, GW99, ZSD09].
Reversal [ACS84]. Reverse [PS08].
Reverse-mode [PS08]. Revised [SIG17].
Revision [FM87b]. revisited
[MDJ05, Zho96]. Revisiting [DI09].
Rewrite [FKW98, Ass00]. Rewriting
[BKS94, BCM99, DDD05, FKW00,
GRSK'11, MMM'07]. Right
[KS83, LaL81, SJ06]. Rigorous [SBB'19].
Rings [BP89, Hua93]. RISC [PS93].
Rivieres [Hen83]. RMI [MVV'01].
Robust [LS83]. Roever [Moi83]. role
[Apt00]. Roman [PB97]. Round [SBB'19].
Round-Off [SBB'19]. Rounding [FL15].
Row [MM89]. RSMs [CGG'19]. rule
[HQRT'02]. Rules
[GL90, JTM98, SS14, LS09, SS09]. Run
[ISY88, TZ07, GMP'00]. Run-Time
[ISY88, TZ07, GMP'00]. Runtime
[Ano18, BLH12, BEF'16, GSS'18, TCVB14,
BH05a, TSY00].

S [HCW82]. S/SL [HCW82]. Safe
[AWW95, Dug02, JW17, AFF06, BSyGF03,
LS03, Loc13, NCH'05, SA00, ZCG'07,
MH06, SHB'07]. safe-for-space [SA00].
safety [FF08, YS10]. same [SS05a].
sampling [PPT08]. Santa [WP10].
Sapphire [URJ18]. Sather [MOSS96].
Satin [VWJB10]. satisfaction [DF11].
satisfiability [XA07]. satisfying
[Van96a, Van96b]. Saturn [XA07].
Scalability [TCP'17]. Scalable
[FT94, XA07]. ScalaExtrap [WM12].
Scaling [TCP'17]. scan [PS99]. Scanners
[HKR92]. Scanning [GVC15]. Scavengers
[UJ92]. Schanuel [KPS92]. schedulability
[GH97]. schedule [TVA07]. Scheduler
[TCVB14]. schedules [MH04]. Scheduling
[BG98b, FGL94, KR79, KPF95, LPP01,
LJ99, LCBS19, NB09, NSTD'15, PS93,
TCVB14, Ban11, ME97, YF98]. schema
[RLS'01]. Scheme
[Mur91, YR94, IV06, WC97]. Schemes
[Son87, TM93]. Schorr [BP82]. Schwanke
[Tic88]. Scientific [How80]. Scope
[App94]. Scratchpad [SRM10]. Screen
[MM89]. SDF [YHK02]. Search
[Dar90, BH99, SS05a]. Searching [CC97].
Section [Wol92]. Secure
[BCE15, PAS'15, BF'11, HY07].
Securely [RB94]. Security
[TGT18, BFGT08, BF08]. see [BR10].
Selection [DF84, SS81]. Selective
[Min84, OLH'16, ME97]. Self
[BP89, DHS09, Gho93, Gom92, ABB'09].
self-adjusting [ABB'09]. Self-applicable
[Gom92]. Self-Stabilization
[Gho93, DSH09]. Self-Stabilizing [BP89].
Semantic
[AAR'10, AW95, GGL15, MH06, HCW82].
Semantics
[ABHI11, Ans87, AB94, AW82, BGL93,
Ber94, BLRS12, Bou88, Boy10, CPS93, CD79,
FA93, GM81, Gud92, Han94, JPP91, Kai89,
Mul92, NF89, Set83, Son84, WM95, Wan82,
dBB85, ACE96, BMR01, Bou06, GZ04, MF09,
PCJD08, SWU10, SJ03, Tar07, WKD04].
Semantics-Based
[BGL93, CPS93, PCJD08].
Semantics-Directed [Han94, Set83].
Semaphore [CR87]. Semiring [BMR01].
Semiring-based [BMR01]. Send [Gor04].
Send-receive [Gor04]. Sensitive
[OLH'16, PKH07, Ram00, Rep00, RRSY08].
Sensitivity [FL15, KRR18]. Separating
[DDM11]. Separation
[BDJ13, DJP'16, OYR9, BT07].
Separators [GSO94]. Sequences [GSW95].
Sequential
[ABS09, Miq19]. Sequential
[AFdR80, Ber80, GLR83, HM84, KS79,
MC82b, Moi83, Sou84]. Series [Wat91].
Served [LH91]. server [LDM07]. servers
[BBYG'05]. service [CMS03]. Services
[CHY12, RB94, BFG08, CGP09]. Session


Share [SS88]. Shared [Cha93, FLBB89, KH92, KRS88, Pet83b, Dug02, HB398, TSY00, BC91].

Shared-Memory [Cha93, TSY00]. Sharing [CSS99, Lam87]. SHErrLoc [ZMVPJ17].

Shift [BN99, MYD95]. Shift-Reduce [BN99, MYD95]. Short [Sag86]. Should [LP99]. Side [Bol85, KWL9, RLS+01, TA08].


sin] [Lan90]. Single [BM94, CFR+91, JBK98, GPF08].


Size-change [BA08, Lee09]. Sized [DG19].

Slicing [AHJR14, CF94, DL18, GH97, HRR90, M18, Ven95, WZ07, BHK07, GZ07, NR06, RAB+07, WR08, ZGZ05].

SLR [BS88, Ta79]. Small [FLBB89, LH01, Pet83b]. Smart [Tie86]. Smarter [SK88, Tle88]. Smooth [JF81].

Soft [WC97]. Software [ACM11, AW85, Ber94, DAW88, HSS+14, How80, JW17, PXL95, PPS79, Pur94, Wal92, YBL16, CTT07, HN05, LS98, ME97, NCH+05, RDG08, SHB+07, SRM10].

Software-Defined [Wal92]. Soininen [LaL84]. Soisalon [LaL84].

Soisalon-Soininen [LaL84]. Solution [ADG+94, DSS88, Gho93, Pet83b, Sor89, WP10].

Solving [GS11, HLH19, NSTD+15, SRW98]. Some [AB94, AK82, Sha82, Sor89]. Sometimes [Gri79].

Sound [LLK+17]. Soundness [Sok87]. source [HBG+09]. Space [BP12, BB79, FLBB89, JP81, NB99, RD87, YF98, LS09, SS05a, SA00].

Space-Efficient [JP81, NB99]. Space/time [YF98].

Space/time-efficient [YF98]. spaces [JLF02]. Span [LS80, Rob79].

Span-Dependent [LS80, Rob79]. Spanning [GHS83]. Sparse [OHL+14].

Spatial [NSTD+15]. Special [Wol92, Sag07]. Specialization [AHJR14, BCP08, GJ05, HT04, SLC03].

specialization-point [GJ05]. Specializing [BCD90]. Specific [ASA0].

Specifications [BG99]. Specification [AL93, AL95, BNN18, CES86, DB85, Gaz83, Loe87, MW84, MB83, Reis83, Sch85, Win87, Zav85, Zic94, vPS81, JJD98, YS97].

Specifying [GM81, Lan83, RF97].

Speculation [YBL16, GB99]. speculative [KOE+06]. SPL [HSG17]. Split [Com80].

splitting [JC97, UM02, WJ98]. SPMD [WM12].

SR [AOC+88]. SSA [BDP14, GSW95, KCL+99].

SSA-Based [BDP14]. Stabilization [Gho93, DHS09].

Stabilizing [BP89]. Stack [CGS+03, FG03, LaL81, CF04, Zhao96].

Stack-Controlling [LaL81]. Standard [Fat82, HM93, Qiu00, Blu99]. State [ACW90, BLH12, CES86, GC86, PP91, Pur91, Zav95, Ay91, ABE+05, MBT09].

Statement [Ell82, Mor88, SM81].

Statement-Oriented [Ell82, SM81].

Statements [CF94]. States
Table [BMW91, PK80, DAS98].
Table-Drive [PK80].
Tabled [SS98].
Tables [ADGM91, DHH84].
Tail [DP97, CF04].
tail-recursion [CF04].
Tailored [Kau84].
Tailored-List [Kau84].
Tananbaum [Fem83, Tan83].
Target [Wan82].
Task [GP95, NSZS13, RRB19, HB93].
Task-Level [GP95].
Tail-call [DP97].
tail-recursive [CF04].
Tasking [Dil90].
Task-Level [GP95].
Task-Parallel [NSZS13].
Tasking [GP95, NSZS13, RRB19, HBJ98].
task-parallel [HBJ98].
Task-Level [GP95].
Tasking [Dil90].
Tasks [GP81].
Taylor [SBB+19].
tcc [PHEK99].
Technical [BS88, Bur90b, Bur91, Coh91, CM93, DS88, Eli82, FA93, Fra81, Hen83, LaL83, LaL84, Moh81, Moi83, MS88, NN86, Par90, Pem83, Sor89, SM82, Tan83, Tie88, Vol91, WST85, Wir91, YB88, MMG00].
Technique [AW95, BN99, BCD+15, JSB+12, KKM90, SSS81, SSS83, JNG10, KBC+99, SS96, TSL+02].
Techniques [AK82, CMN91, DP99, GLR83, How80, TW882, WCW90, WCW91, BHK07, DDD05, DEMD00, LS98, LPP01, LS09, Mil85, Ram99, Rep98, SYK+05, Tra08, TZ07, Wu04, YMW97, LW93].
Time-Constrained [Zic94, LPF01].
Time-Critical [PS93].
time-efficient [GB99, YF98].
Timed [Zic94].
Timeout [Lam84].
timing [LJ99].
tokenization [Rep98].
Tolerance [LJ99].
Tolerant [CS95, Lam84, AAE04].
Tool [CP93].
Tools [van88].
TOPLAS [Ano18, MP10a, MP10b].
topology [DMM11].
Total [San96].
Trace [FG94, WGS92, Ban11, RM07, SJ03, WGS93, WM12].
Trace-Based [WGS92, WGS93, WM12].
traces [HBM+06, WR08].
Tracing [BL94a, DLR16, MMM+07].
tradeoffs [ZG05].
Trailing [VR95].
Traits [DNS+06].
Translational [UR18, ABHI11, CFP+04].
Transactions [Ano18, HKMN94].
Transducer [DVM15].
Transducer-Based [DVM15].
Transformation [BB80, Faa82, FL91, NSZS13, Wat91, RKR04, San96, TS00, WZ07].
Transformational [BDFH97, Bir84, Bir85, DSW82, OA88, RC03].
Transformations [Bar85, GEM01, Geo84, LD81, LFF14, MS83, MCT96, Nie85, FGM+07a, KWL09, MOS07a, VAL05, WS07, Hen83, NN86].
Transformers [Lam90, MMS96, MBT09].
TransformGen [GKL94].
Transforming [AW89, BE94].
Transition [PR07].
Translation [AK87, BK11, Kat84, Son87, AAD+07, BGKR09, DP99, RC03].
Transmission [HL82]. Transparently [JSB+12]. Transport [Min84], transpose [CRN+08].
Traversals [LPSO04]. Treatment [YB87, YB88].
Trees [Com80, GHS83, MTG80, Sip82, Wad90, ACM11, SGL97]. Trees [GMM99, PE08].
Tuples [Rem81]. Tutorial [GM81]. Two [BO94, CDFP89, GPWZ08, FMoPS11].
Two-dimensional [GPWZ08].
two-variable [FMoPS11]. Type [Bur90b, Car95, CEF14, Coh91, CZ84, Dug02, Eng07, HHPW96, HM93, Hen93, KPS92, KU93, KR01, Lan80, LQ94, LST02, LY98, LP00, NBG13, Pad19, PO95, SA99, SM98, TWW82, TGT18, Van06, Wal80, WT11, Wir88, WC97, BSGF03, BCG+07, FJKA06, FM07b, FM99, FF08, GZ07, GMZ00, HO07, HDH02, HY97, KS10, NP08, NCH+05, PT00, ST90, TFK+11, T070, Wal81, Wir91].
Type-based [Eng07, LP00, BCG+07].
Type-Driven [TGT18]. Type-Extension [Coh91, Wir91]. Type-Graphs [KPS92].
Type-preserving [LST02]. Type-Safe [Dug02, BSGF03, NCH+05].
Typechecking [CL95, MBC04]. Typed [ACPP91, Geo84, KOB98, NN96, WCM00, AAR+10, LF99, MWGC99]. Types [AFF06, AC93, BB94, BSEM15, DDS8, ESO9, FLFQ08, GEP17, HL82, HS88, JH97, LAM8, LQ94, LBN17, LO87, M82, MQ19, ML85, W89, W89, A01, BBF+11, D103, DM11, DMM01, G06, GPV07, HVP05, IV06, MME+10, PS96, PA98, STS03, SP07]. Typerstate [GTWA14]. Tymepstate-Oriented [GTWA14]. Typing [ACPP91, DG19, Dug99, RM10, SV96].
ultimate [PS08]. Ultracomputers [Sch80].
Unassigned [Win84]. unbounded [BGP99]. uncaught [LP00].
Undecidability [Ram94, Rep00, Cha02].
undecidable [Ram00]. Understandable [ST00a]. Undo [Lee86]. unfold [KKR04]. unfold/fold [KKR04]. Unidirectional [Pet82].
Unification [C82, DRSS96].Unified [VSS94]. Uniform [AS80, BPS9, Hua89, A01, AH0, HY97].
Uniformly [DB85]. unifying [TVA07].
unique [Van06]. UNIITY [Fau01, TB95].
universe [DDM11]. Unnecessary [BT95].
Untrusted [JJ72]. Update [hud90, FMP+07a, GW99]. Updating [HSS+14, HN05, SRW98, SHB+07]. Upper [PW94]. Usage [MS83, BDFZ09, IK05, QR00].
Use [FOW87, GH80, H74, Lea84, PPS87, She91, SS82, CC97]. usefulness [HHD02]. User [ACS84, DS98, M90, Wal80, Wal81, W93, van88]. User-Defined [Wal80, Wal81].
Using [AG89, Bob80, CGJ+97a, CES86, CH87, DI90, DMM01, DDP+16, FLBB89, GSW95, GSO94, HRB90, JTM98, Kar84, LaL89, Lam84, LM10, Mye90, Ode93, Pet83b, PP94, PBR+15, SS84, SS96, Sok87, SGL98, TV82, ACM11, BH99, CSW96, CGS+03, DR05, G99, GCRN11, KWL09, KSK07, M40, RD03, ST00a, SGL96, TFK+11, VJB12, XA07, YUU20, ZD90, Pem83].
Utilizing [ES97].

VAL [McG82, Wet82]. Validation [How80, K01, MOS07]. Value [HL82, H05, SW89].
valued [RMH06, SRW02]. Values [DD85, Han92, Wet82].
Variable [MS83, M80, FMoPS11, GLMM05]. Variables [GSW95, JPP91, Lam88, LH91].
REFERENCES


Veriﬁed [BFGT08, BKL+97, JLP+14, DSW11].

Verifying [AS89, BFG08, CGJ97b, DJP+16, GEG13, LM18, YS10, Mon08].


Volpano [Bur91]. Volume [Ano18]. vs [HR02].

W [Tie88]. Wait [Her91]. Wait-Free [Her91]. Wait [BP82]. Warp [LW93]. way [VHM+01].

Weak [AMT14, KZC15].

weakening [SYH07]. Weaker [Boo82].

web [BFG08, BLRS12, CHY12, CGP09, CMS03].

Weight [GHS83]. While [Pet83a, BC85b, GM81]. while-Programs [BC85b].

Whole [BDH+16]. Widening [KKW14, VJBJ92]. win [Lam90]. Within [FKW98]. Without [Cop94, Ode93, AS89, Cas95, Sto04, VR95].

Witnessing [TA08b]. Workbench [CP99].

World [GG85]. DF11].

World-Model-Based [GG85]. Worst [CFG19, WW95]. Worst-Case [CFG19].

write [AE01]. Writing [Pet83a, Win87]. WYSINWYX [BR10].

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

Years [Apt81].

References

Ancona:2007:PCT


Attie:2004:SFT


Ahmed:2010:SFT

Amal Ahmed, Andrew W. Appel, Christopher D. Richards, Kedar N. Swadi, Gang Tan, and Daniel C. Wang. Semantic foundations for typed assembly languages. ACM Trans-

**Anderson:1981:LLC**


**Arbab:1994:SCD**


**Acar:2006:AFP**


**Abadi:2011:STM**


**Amadio:2003:RDC**

Abadi:1993:CA


Abek:1993:LC


Apt:1998:AIC


Andre:1981:MAC


Ariola:2009:SCA


Amadio:1993:SRT


Ashley:1994:FCP

REFERENCES


[AD98] J. Michael Ashley and R. Kent Dybvig. A practical and flexible flow analysis for higher-order...
REFERENCES

Afek:1994:BFF


Ancona:1991:ECL


Ager:2006:FPE


Attie:1998:SCS


Attie:2001:SCP


Apt:1984:MDT

REFERENCES


[AH98] Rajeev Alur and Thomas A. Henzinger. Finitary fairness. ACM Transactions on Programming Languages and Systems, 20
REFERENCES


**Abadi:1993:CS**


**Abadi:1994:OFR**


**Abadi:1995:CS**


**Ancona:2003:JDI**


**Atkinson:1985:PPD**


**Appel:2001:IMR**


**Alglave:2014:HCM**

Anger:1989:LIC

Anonymous:1985:IA

Anonymous:1986:AI

Anonymous:1987:IA
Anon Anonymous:1988:AI

Anonymous:1988:IA

Anonymous:1989:AI

Anonymous:1989:IA

Anonymous:1990:AI

Anonymous:1990:IA

Anonymous:1991:AI

Anonymous:1991:IA

Anonymous:1992:AI

Anonymous:1992:IA
REFERENCES


REFERENCES


Andrews:1988:OSL


Apt:1994:OCF


Abadi:2007:E


Andrew:1988:OSL


Apt:1994:OCF


Appel:1994:PS


Appel:2015:VCP

REFERENCES


Alur:2001:MCH


Ben-Ari:1984:AFG


Blume:1999:HM


Ben-Amram:2008:SCT


Backhouse:1984:GDF


Bondhugula:2016:PAP


Bagrodia:1989:SAP

REFERENCES


REFERENCES


**Bobrow:1979:CEL**


**Bates:1985:PP**


**Bergeretti:1985:IFD**


**Bugliesi:2004:A**


**Bossi:1990:MSL**


**Betts:2015:DIV**

Adam Betts, Nathan Chong, Alastair F. Donaldson, Jeroen Ketema, Shaz Qadeer, Paul Thomson, and John Wickerson. The design and imple-
References


REFERENCES

Bergstra:1997:TCT


Bartoletti:2009:LPR


Botincan:2013:PDP


Blackburn:2016:TWT


Botincan:2008:DBV


Bueno:1999:EAI

Biernacki:2015:DCP


Bowman:1993:RAN


Barthe:2014:FVS


Bossi:1994:TAP


Bouajjani:2013:ARP


Beemster:1994:SOG


Brockschmidt:2016:ARS

REFERENCES

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


[BG89b] David Bernstein and Izidor Gertner. Scheduling expressions on a pipelined processor with a maximal delay of one cycle. ACM Transactions on Programming Languages and Systems, 11
REFERENCES


Binkley:2013:EIL


Bintehe:2009:CTO


Burlan:1999:MCC


Butler:1999:RAG


Back:2005:KJR

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Blume:1999:DAS


Brandis:1994:SPG


Brogi:1994:MLP


Bistarelli:2001:SBC


Ball:2005:PPA


Borstler:1991:TCT


Broy:1994:AFC

REFERENCES


(Bor81) Alan Borning. The programming language aspects of ThingLab, a constraint-oriented simulation laboratory. ACM Transactions on Programming Languages and Systems, 3(4):353–387, October 1981. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


[BP82] Manfred Broy and Peter Pepper. Combining algebraic and algo-


[Bu93] G. N. Buckley and Abraham Silberschatz. An effective implementation for the generalized input-output construct of CSP.
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.

**Bahlke:1986:PSF**  

**Bermudez:1988:NRB**  

**Bruce:2003:PTS**  

**Burke:1993:IOE**  

**Budd:1984:ACV**  

**Burton:1984:ACP**  
F. Warren Burton. Annotations to Control Parallelism and Reduction Order in the Distributed Evaluation of Functional Programs. *ACM Transactions on Programming Languages and Systems*, 6(2):159–
REFERENCES

174, April 1984. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Castagna:1995:CCC


Cattell:1980:ADC


Casanova:1980:FSR


Charron-Bost:1995:LTP


Click:1995:CAC


Clarke:1997:URE

REFERENCES


[Clarke186:AVF]
Chen:2014:ETI


Choi:1994:SSP


Cytron:1995:ECN


Clements:2004:TRM


Cortesi:1997:CAI


Chatterjee:2019:NPW


Codish:1994:SAC

REFERENCES


Calder:1997:EBS


Calder:1997:VPN


Clarke:1994:MCA


Castagna:2009:TCW


Choi:2003:SAS


Chatterjee:1995:OEA

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Cohen:1983:ERR


Cohen:1985:NCE


Cohen:1991:TCT


Colussi:1984:RES


Comer:1980:NMS


Copperman:1994:DOC


Carle:1995:MBI

REFERENCES


Carle:1996:OCP


Cohen:2017:LPC


Corchuelo:2002:RSE


Cleaveland:1993:CWS


Carson:1987:GSP


Cooke:2008:NTD


Cuny:1987:CDD

REFERENCES

Choy:1995:EFT

Chen:2004:LGS

Clausen:2000:JBC

Coop:2001:OSR

Carlsson:2006:MAC
REFERENCES

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


REFERENCES


Dunlop:1985:GSU

Drossopoulou:2002:MDO

Donahue:1985:DTV

DeSutter:2005:LTB

Dietl:2011:SOT
Werner Dietl, Sophia Drossopoulou, and Peter Müller. Separating ownership topology and encapsulation with generic universe types. *ACM Transactions on Programming Languages and Systems*, 33(6):20:1–
REFERENCES


REFERENCES

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


REFERENCES


## REFERENCES


Darulova:2017:TCR


David:2018:PSP


Drinic:2007:PPC


Debray:1993:CAL


Danicic:2018:SBS


Dissegna:2016:AIB


Degano:1988:EIL


Stéphane Ducasse, Oscar Nierstrasz, Nathanael Schärlí, 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).


Luiz De Rose and David Padua. Techniques for the translation of MATLAB programs into Fortran 90. *ACM Transactions on Programming Languages and Systems*, 21(2):286–323, March 1999. CODEN
REFERENCES

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


[DS90] Prasun Dewan and Marvin Solomon. An approach to support automatic generation of user interfaces. *ACM Trans-


REFERENCES


REFERENCES

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

Eilers:2019:MPP


Ernst:1980:SAD


Emerson:1997:USW


Eugster:2007:TBP


Finlay:1993:TCC


Fateman:1982:HLL


Feng:2012:BQP

REFERENCES

Feather:1982:SAP


Feather:1987:LSS


Flanagan:1999:CSB


Fournet:2003:SIT


Fournet:2008:CTS


Florence:2018:PPP


Flanagan:2008:TAS

Freudenberger:1994:ASC


Foster:2007:CBT


Fournet:2007:TDA


Fernandez:2004:ICS


Fidge:1993:FDP


Fischer:1980:PCA


Forejt:2017:PPA

Foster:2006:FIT

[FJKA06] Jeffrey S. Foster, Robert John-

son, John Kodumal, and Alex

Aiken. Flow-insensitive type

qualifiers. *ACM Transac-

tions on Programming Lan-

guages and Systems*, 28(6):1035–

1087, November 2006. CO-

DEN ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

Fuchs:1985:OPF

[FK85] David R. Fuchs and Donald E.

Knuth. Optimal prepagging and

font caching. *ACM Transac-

tions on Programming Lan-
guages and Systems*, 7(1):62–

79, January 1985. CODEN

ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/
2367.html.

Fokkink:1998:WAR

[FKW98] Wan Fokkink, Jasper Kamper-

man, and Pum Walters. Within

ARM’s reach: Compilation of

left-linear rewrite systems via

minimal rewrite systems. *ACM

Transactions on Programming Lan-
guages and Systems*, 20(3):

679–706, May 1998. CODEN

ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

URL http://www.

acm.org:80/pubs/citations/
journals/toplas/1998-20-3/
p679-fokkink/.

Fokkink:2000:LRE

[FKW00] Wan Fokkink, Jasper Kamper-

man, and Pum Walters. Lazy

rewriting on eager machinery.

*ACM Transactions on Program-

ming Languages and Systems*, 22

(1):45–86, January 2000. CO-

DEN ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

URL http://www.acm.org/
pubs/citations/journals/toplas/
2000-22-1/p45-fokkink/.

Fraser:1981:EDS

[FL81] Christopher W. Fraser and A. A.

Lopez. Editing data structures.

*ACM Transactions on Program-

ming Languages and Systems*, 3

(2):115–125, April 1981. CODEN

ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

Fradet:1991:CFL

[FL91] Pascal Fradet and Daniel Le

Métaayer. Compilation of func-

tional languages by program

transformation. *ACM Transac-

tions on Programming Lan-
guages and Systems*, 13(1):21–

51, January 1991. CODEN

ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).

URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/
102805.html.

Frechtling:2015:MMS

[FL15] Michael Frechtling and Philip

H. W. Leong. MCALIB: Measur-

ing sensitivity to rounding error

with Monte Carlo programming.

*ACM Transactions on Program-

ming Languages and Systems*, 37

(2):5:1–5:??, April 2015. CO-

DEN ATPSDT. ISSN 0164-0925

(print), 1558-4593 (electronic).
REFERENCES

Fischer:1989:DFA


Finkel:1987:DDI


Fraser:1987:ERC


Freund:1999:TSO


Flexeder:2011:FIL


Foster:1996:CPP


Ferrante:1987:PDG

REFERENCES

Fisher:2002:GE

Facchinetti:2019:HOD

Francez:1980:CDT

Francez:1980:DT

Francez:1981:TCR

Farmer:1990:CPC

Freundenberger:1983:ESO

Foster:1994:CAS
Ian Foster and Stephen Taylor. A compiler approach to scal-


REFERENCES


Gesbert:2015:LAD

Griswold:1980:AUP

Gerber:1997:SRT

GarciaDeLaBanda:1996:GAC

Grove:2019:FRR

Griswold:1981:GI
Ralph E. Griswold, David R. Hanson, and John T. Korb. Generators in Icon. *ACM Transactions on Programming Languages and Systems*, 3(2):144–161, April 1981. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Ghosh:1993:ASP
Sukumar Ghosh. An alterna-


David Gries and Gary Levin. Assignment and procedure call


Pierre Ganty and Rupak Majumdar. Algorithmic verification of asynchronous programs. *ACM Transactions on Programming Languages and Systems*, 34
REFERENCES


**Gannon:1981:DAI**


**Ghosh:1999:CME**


**Grant:2000:BCD**


**Gomard:1992:SAP**


**Grossman:2000:STA**


**Gange:2015:IAM**


**Gomard:1992:SAP**

Transactions on Programming Languages and Systems, 14(2):
147–172, April 1992. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic). URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/128864.html.

Gorlatch:2004:SRC

Sergei Gorlatch. Send-receive considered harmful: Myths and
realities of message passing. ACM Transactions on Program-
ming Languages and Systems, 26(1):47–56, January 2004. CO-
DEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Grit:1981:DIT

Dale H. Grit and Rex L. Page. Deleting irrelevant tasks in an
expression-oriented multiprocessor system. ACM Transactions on Programming Languages and Systems, 3(1):49–59, January
1981. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593
(electronic).

Girkar:1995:ETL

Milind Girkar and Constantine D. Polychronopoulos. Extracting task-level parallelism. ACM Transactions on Programming Languages and Systems, 17(4):600–634, July 1995. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic). URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/210189.html.

Gupta:2001:PEP

Gopal Gupta, Enrico Pontelli, Khayri A. M. Ali, Mats Carlsson,
(print), 1558-4593 (electronic).

Gal:2008:JBV

Andreas Gal, Christian W. Probst, and Michael Franz. Java
bytecode verification via static single assignment form. ACM
Transactions on Programming Languages and Systems, 30(4):
21:1–21:21, July 2008. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Grothoff:2007:EOC

(print), 1558-4593 (electronic).

Gil:2008:TDB

REFERENCES

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


REFERENCES


Hall:2005:IPA


Hansen:1981:CMI


Hanson:1981:APP


Hansen:1992:SRF


Hannan:1994:OSD


Harel:1980:PNA


Hauser:1996:HFP

REFERENCES


REFERENCES


REFERENCES

Herlihy:1993:MIH


Hesselink:1988:MAN


Haynes:1987:ECP


Hilfinger:1988:APD


Hosoya:2009:PPX


Hennessy:1983:PCO


Hall:1996:TCH

REFERENCES


[HL82] Maurice P. Herlihy and Barbara Liskov. A value transmission
REFERENCES


Hirschowitz:2005:MMC


Hague:2019:CMC


HN05]

Hicks:2005:DSU


Hoffman:1982:PE


REFERENCES


Hermenegildo:2000:IAC

Horwitz:1989:INV

Henzinger:2002:AGR

Hennessy:2002:IFV

Horwitz:1990:ISU

Harrold:1994:ECI
REFERENCES

Huang:2011:MSS


Hirzel:2017:SEL


Hart:1983:TPC


Hayden:2014:KEG


Horwitz:1986:GEE


Helsen:2004:PSM


Holzle:1996:RRP


Huang:1990:DDD

[Hua90] Shing-Tsaan Huang. A distributed deadlock detection al-


Herlihy:1990:LCC


Hudak:1991:CIE


Honda:2007:UTS


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).]

Igarashi:2006:VPT


Iverson:1979:O

REFERENCES

Jagannathan:1994:MBB


Jay:2004:PC


Joisha:2006:AAS


Jacobs:2018:MTV


Janssen:1997:MGR


Jacek:2019:OCW


Jefferson:1985:VT


REFERENCES

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

**Jeannet:2010:RAI**


**Jaffar:1992:CLS**


**Jerey:2010:ESA**


**Joshi:2006:DPA**


**Jones:1983:TST**


**Jones:1990:EEC**


**Jonsson:1994:CSV**


REFERENCES


Jakobs:2017:PPF


Kaiser:1989:IDS


Kamin:1983:FDT


Karp:1984:PFF


Katayama:1984:TAG


Katz:1993:SCC


Kaufman:1984:TLR


Kandemir:1999:GCO

M. Kandemir, P. Banerjee,..
REFERENCES


Kim:2001:ERV


Kennedy:1999:PRE


Khedker:1994:GTB


Kistler:2000:ADM


Kistler:2003:CPO

REFERENCES


Kennaway:1994:AGR


Kaiser:2014:WAM


Koopman:1992:CBC


Kristensen:1981:MCL


Kelly:1998:OCC


Klein:2006:MCM


Knapp:1990:EFD

REFERENCES

115


Kennedy:1979:DAG


Knoblock:2001:TES


Krogh:1982:AAP


Krogh:1983:AAP


Krogh:1984:AAP


Krogh:1985:AAP


Krogh:1986:AAP


Krogh:1987:AAP


Krogh:1988:AAP

REFERENCES

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


REFERENCES


[KS79] Richard B. Kieburtz and Abra-
[160x646] ham Silberschatz. Comments on “Communicating sequential
[160x646] processes”. ACM Transactions on Programming Languages and
ISSN 0164-0925 (print), 1558-4593 (electronic).

[KS83] Richard B. Kieburtz and Abra-
[160x646] ham Silberschatz. Access-right
[160x646] expressions. ACM Transactions on Programming Languages and
0164-0925 (print), 1558-4593 (electronic).

[KS86] Robert M. Keller and M. Ro-
[160x646] nan Sleep. Applicative caching. ACM Transactions on Programming Languages and Systems, 8
0164-0925 (print), 1558-4593 (electronic).

[KS88] Richard Kennaway and Ronan
[160x646] Sleep. Director strings as combinators. ACM Transactions on Programming Languages and Systems, 10(4):602–
[160x646] 626, October 1988. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

[KS89] Richard Kennaway and Ronan
(print), 1558-4593 (electronic). See [KS88].

[KS10] Naoki Kobayashi and Davide
[160x646] Sangiorgi. A hybrid type sys-
[160x646] tem for lock-freedom of mo-
[160x646] bile processes. ACM Transactions on Programming Languages and Systems, 32(5):16:1–
[160x646] 16:49, May 2010. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

[KSK07] Uday P. Khedker, Amitabha
[160x646] Sanyal, and Amey Karkare. Henp reference analysis using ac-

[KSV96] Jens Knoop, Bernhard Steffen,
[160x646] and Jürgen Vollmer. Paral-


**LaLonde:1989:DFD**


**Lamport:1979:NAP**

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].

**Lamport:1980:CNA**


**Lamport:1983:SCP**


**Lamport:1984:UTI**


**Lamb:1987:ISI**


**Lamport:1988:CPB**

REFERENCES

Lamp:1990:WSP


Lamp:1994:TLA


Landwehr:1980:ATS


Larcheveque:1995:OIP

REFERENCES


[LFF14] Hong Jin Liang, Xinyu Feng, and Ming Fu. Rely-guarantee-based


Zhiming Liu and Mathai Joseph. Specification and verification


REFERENCES


REFERENCES

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

**Leung:2001:STC**


**Lieberherr:2004:TOS**


**Lim:2013:TSG**


**Lepigre:2019:PSC**


**Luckham:1979:VAR**


**Leverett:1980:CSD**


**Lindstrom:1981:RRB**


**Liskov:1983:GAL**

Barbara Liskov and Robert Scheiber. Guardians and actions: Linguistic support for robust, distributed programs. *ACM Transactions on Programming Languages and Systems*, 5
REFERENCES


**Lamp:1984:HLC**


**Lang:1998:SAE**


**Levi:2003:MSA**


**Li:2004:ATI**


**Liquori:2008:FME**


**Liu:2009:DRE**


**Liu:2005:OAA**


**Lamport:1982:BGP**

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:1998:SCI

League:2002:TPC
Christopher League, Zhong Shao, and Valery Trifonov. Type-preserving compilation of Featherweight Java. *ACM Transactions on Programming Languages and Systems*, 24(2):112–152, March 2002. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Lengauer:1979:FAF

LeCharlier:1994:EEG

Lipton:1983:VLP

Leivent:1993:MFT
Jonathan I. Leivent and Ronald J.
REFERENCES


REFERENCES

Morris:2009:TTN

Misra:1982:DGA

McGraw:1982:VLD

Merrin:1996:IDL

Morrison:1991:AHA

Moreau:2005:BDR

Moon:1997:PNC
Soo-Mook Moon and Kemal Ebcioglu. Parallelizing non-numerical code with selective

**Mauney:1988:DEL**


**Matthews:2009:OSM**


**Millstein:2009:EMP**


**Moriconi:1986:PSP**


**Mirani:2004:FCM**


**Merro:2006:BBS**


**Milne:1985:CRC**

George J. Milne. CIRCAL and the representation of communication, concurrency, and time. *ACM Transactions on Programming Languages and Systems*, 7
REFERENCES


Minsky:1984:SLC


Miquey:2019:CSC


Misra:1981:EPE


Misra:1986:AMA


Misra:1994:PSP


Micallef:1994:EAG


Ma:1980:DMI

Martelli:1982:EUA


Myers:1989:RRA


Markstrum:2010:JDP


Morzenti:1992:MPR


Moreira:2000:FMJ


Marathe:2007:MMT


Masticola:1995:LFM

REFERENCES


[Morgan:1996:PPT]


[Moh81]


[Moi83]


[Mor88]


[MOS07a]


[MOS07b]
REFERENCES

Murer:1996:IAS

[MOSS96] Stephan Murer, Stephen Omo-
hundro, David Stoutamire, and
Clemens Szyperski. Iteration
abstraction in Sather. ACM
Transactions on Programming
Languages and Systems, 18(1):
1–15, January 1996. CODEN
ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).
URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/
225541.html.

Mitchell:1988:ATE

[MP88] John C. Mitchell and Gor-
don D. Plotkin. Abstract types
have existential type. ACM
Transactions on Programming
Languages and Systems, 10(3):
470–502, July 1988. CODEN
ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).
URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/
45065.html. Preliminary ver-
ion appeared in Proc. 12th
ACM Symp. on Principles of
Programming Languages, 1985.

Moore:2002:AC

[MP02] J. Strother Moore and George
Porter. The apprentice chal-
lenge. ACM Transactions on
Programming Languages and
Systems, 24(3):193–216, May
2002. CODEN ATPSDT. ISSN
0164-0925 (print), 1558-4593
(electronic).

McKinley:2007:ECG

[MP07] Kathryn S. McKinley and Ke-
shaw Pingali. Editorial: a
changing of the guard. ACM
Transactions on Programming
Languages and Systems, 29(6):
30:1–30:2, October 2007. CO-
DEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Mckinley:2010:DVT

[MP07] Kathryn S. McKinley and Ke-
shaw Pingali. La dolce vita
at TOPLAS. ACM Transactions
on Programming Languages and
Systems, 32(4):10:1–
10:6, April 2010. CODEN
ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Mckinley:2010:PVT

[MP07] Kathryn S. McKinley and Ke-
shaw Pingali. La prossima vita
at TOPLAS. ACM Transactions
on Programming Languages and
Systems, 32(6):20:1,
August 2010. CODEN ATPSDT. ISSN
0164-0925 (print), 1558-4593
(electronic).

Menon:2003:FSA

[MPM03] Vijay Menon, Keshav Pingali,
and Nikolay Mateev. Fractal
symbolic analysis. ACM Trans-
actions on Programming Lan-
guages and Systems, 25(6):776–
813, November 2003. CODEN
ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Moreau:2005:RAP

[MQ05] Luc Moreau and Christian
Queinnec. Resource aware pro-
gramming. ACM Transactions
on Programming Languages and
Systems, 27(3):441–476, May
REFERENCES

2005. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


Moret:1980:AVR


MacDonald:2009:DDP

Steve MacDonald, Kai Tan, Jonathan Schaeffer, and Duane Szafron. Deferring design pattern decisions and automating structural pattern changes using a design-pattern-based programming system. ACM Transactions on Programming Languages and Systems, 31(3):9:1–9:49, April 2009. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Muller:1992:MLR


Murtagh:1991:ISM


Mueller:1987:RMS


Maassen:2001:EJR


Manna:1980:DAP

Zohar Manna and Richard Waldinger. A deductive ap-
REFERENCES


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).

REFERENCES

Myers:2018:EFS
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].

Myers:2019:E

Narlikar:1999:SES

Nanevski:2013:DTT

Necula:2005:CTS

Norris:2016:PAM

Nelson:1989:GDC

REFERENCES


Nguyen:2005:EEA


Nielson:1985:PTD


Nix:1985:EE


Nielson:1986:TCC


Nelson:1979:SCD


Naik:2008:TSE


Nanda:2006:ISM

REFERENCES

Languages and Systems, 28(6):1088–1144, November 2006. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


[Oh:2014:GSA] Hakjoo Oh, Kihong Heo, Wonchan Lee, Woosuk Lee, Dae-

**Oichi:1982:PLP**

**Ohori:1995:PRC**

**Oichi:2007:PTM**

**Odersky:2004:GE**

**Ogasawara:2006:EED**

**Oppen:1980:P**
Ossefort:1983:CPC


O’Hearn:2009:SIH


Pingali:1985:EDD


PA86b

Pingali:1986:CFI


Pingali:1986:EDD


Padovani:2019:CFS


Palsberg:1995:CA


Palsberg:1998:EBF

Jens Palsberg. Equality-based flow analysis versus re-

Palsberg:2011:E


Parnas:1990:TCI


Patrignani:2015:SCP


Palsberg:2011:EN


Palsberg:2011:EN


Palsberg:2012:E


Palsberg:2013:E


Paulson:2001:MTP
Papadimitriou:1980:PBH


Pingali:1997:OCD


Paz:2007:EFC


P BR+15


Park:1985:NAL


Preda:2008:SBA


Pan:2008:PFE

Zhelong Pan and Rudolf Eigenmann. PEAK — a fast and effective performance tuning system via compiler optimization

**Pemberton:1983:TCT**


**Perrott:1979:LAV**


**Perry:1990:GEI**


**Peterson:1982:UAC**


**Peterson:1983:CRW**


**Peterson:1983:NSL**


**Proebsting:1996:DDR**

REFERENCES

Pratikakis:2011:LPS

[PFH11] Polyvios Pratikakis, Jeffrey S. Foster, and Michael Hicks. 
LOCKSMITH: Practical static race detection for C. 
ACM Transactions on Programming Languages and Systems, 33(1): 
3:1–3:55, January 2011. CODEN ATPSDT. ISSN 0164-0925 (print), 
1558-4593 (electronic).

Poletto:1999:CTL

[PHEK99] Massimiliano Poletto, Wilson C. Hsieh, Dawson R. Engler, and 
M. Frans Kaashoek. 'C and tcc: a language and compiler for dynamic code generation. 

Paek:2002:EPA

[PHP02] Yunheung Paek, Jay Hoeflinger, and David Padua. Efficient and precise array access analysis. 

Pippenger:1997:PVI


Piquer:1996:IDG


Pai:1980:GCR

REFERENCES


REFERENCES


Prywes:1979:UNS


Park:2008:PLB


Podelski:2007:TPA


Proebsting:1995:BAG


Pollock:1992:IGR


Palem:1993:STC


Palsberg:1996:CTT

REFERENCES


[PS99] Poletto:1999:LSR


[PSS05] Pottier:2005:SAS


[PT00] Pierce:2000:LTI


REFERENCES


REFERENCES


REFERENCES


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

Ramsey:1997:SRM

Rosenkrantz:1987:EAA

Rhiger:2003:FEL

Richter:1985:NSE

Roychoudhury:2004:UFT

Renganarayanan:2012:PLT

Rinard:1998:DIE
Martin C. Rinard and Monica S. Lam. The design, implementation, and evaluation of Jade. *ACM Transactions on Programming Languages and Systems*, 20(3):483–545, May 1998. CODEN ATPS DT. ISSN 0164-
REFERENCES

Ryder:2001:SIM


Rival:2007:TPA


Ruggieri:2010:TLC


Rosenkrantz:2006:MMA


Rugina:2003:PASS

Radu Rugina and Martin C. Rinard. Pointer analysis for structured parallel programs. *ACM Transactions on Programming Languages and Systems*, 25(1):
REFERENCES


[RSL10] Thomas Reps, Mooly Sagiv, and...


[RY88] Thomas J. Sager. A short proof of a conjecture of DeRemer and Pennello. *ACM Trans-
REFERENCES


Schneider:1982:SDP


Schmidt:1985:DGV


Schneider:1982:SDP


Schmidt:1985:DGV


Sampaio:2013:DA


Strickland:2013:CFC


Sethi:1983:CFA


Stamos:1990:RE


Sistla:2004:SRS


Sreedhar:1996:ILU

Vugranam C. Sreedhar, Guang R. Gao, and Yong-Fong Lee.
REFERENCES


Sreedhar:1997:ICD


Sreedhar:1998:NFE


Steenkiste:1989:SIR


Sharir:1982:SOC


Stoyle:2007:MMS


Sheard:1991:AGU

Tim Sheard. Automatic generation and use of abstract structure operators. ACM Transactions on Programming Langu-
REFERENCES


REFERENCES


Sangiorgi:2011:EBH


Skudlarek:1995:NMI


Shankar:1992:SRH


Schultz:2003:APS


Sloane:1995:EAG


Steensgaard-Madsen:1981:SOA


Steensgaard-Madsen:1982:TCS

J. Steensgaard-Madsen. Technical correspondence: Steensgaard-Madsen’s reply. ACM Transactions on Programming Lan-
REFERENCES

Steensgaard-Madsen:1989:TRO


Spoto:2010:TAJ


Sokolowski:1987:SHL


Solworth:1992:E


Sonnenschein:1987:GTS


Sorkin:1989:TCS

Arthur Sorkin. Technical correspondence: Some comments on “A Solution to a Problem with Morel and Renvoise’s “Global Optimization by Suppression of

**Soundararajan:1984:ASC**


**Sansom:1997:FBP**


**Simonet:2007:CBA**


**Sagiv:1998:SSA**

Mooly Sagiv, Thomas Reps, and Reinhard Wilhelm. Solving

[Sagiv:2002:PSA]


[SRW02]


[SS82]


[Schlichting:1984:UMP]


[SS84]


[Skeppstedt:1996:UDA]


REFERENCES


[SV96] Geoffrey Smith and Dennis Vlpano. Polymorphic typing of


REFERENCES

Tsay:1995:DFP


Tofte:1998:RIA


Trinder:2017:SRI


Tzannes:2014:LSR


Tip:2011:RUT


Toro:2018:TDG

Thorup:1994:CGA


Tichy:1986:SR


Tichy:1988:TCT


Tick:1994:DTN


Tripakis:2011:TSR


Tel:1993:DDT


Thakur:2019:PFP

Manas Thakur and V. Krishna Nandivada. PYE: a framework


REFERENCES


[UJ92]
REFERENCES


Venkatesh:1995:ERD


VanRoy:1997:MOD


VonHanxleden:2000:BCP


VanDenBrand:2002:CLD


VanderZanden:2001:LLA


Verdoolaege:2012:ECS

Volpano:1991:TCS


VandenBos:1981:PCB


VanHentenryck:1995:BTC


VonBank:1994:UMP


VonNieuwpoort:2010:SHL


Waddle:1990:PTC


Wallis:1980:ERO

Peter J. L. Wallis. External representations of objects of user-defined type. *ACM Transactions on Programming Languages and Systems*, 2(2):137–152, April 1980. CODEN ATPSDT. ISSN 0164-0925
REFERENCES

Wallis:1981:CER


Waters:1991:ATS


Waters:1994:CBP


Wright:1997:PST

REFERENCES


[Wet82] C. S. Wetherell. Error data values in the data-flow language VAL. *ACM Trans-
REFERENCES


M. Howard Williams. A flexible notation for syntactic definitions. ACM Transactions
REFERENCES


REFERENCES


**Wand:2004:SAD**


**Weihl:1985:IRA**


**Wagner:2016:TIB**


**Walicki:1995:CCM**


**Wu:2012:STB**


**Weimer:2008:ESP**


**Wolf:1992:GEI**

Alexander L. Wolf. Guest Editor’s introduction to the spe-
REFERENCES


REFERENCES


exception-handling mechanism.


**Yemini:1987:ATE**

Shaula Yemini and Daniel M. Berry. An axiomatic treatment of exception handling in an expression-oriented language.


**Yemini:1988:TCA**

Shaula Yemini and Daniel M. Berry. Technical correspondence: “An Axiomatic Treatment of Exception Handling in an Expression-Oriented Language”.

*ACM Transactions on Programming Languages and Systems*, 10(3):503–504, July 1988. CODEN ATPS DT. ISSN 0164-0925 (print), 1558-4593 (electronic). See [YB87].

**Yin11**


**Yang:1998:STE**

Tao Yang and Cong Fu. Space/time-efficient scheduling and execution of parallel irregular computations.


**Yardimci:2009:MSP**

Efe Yardimci and Michael Franz. Mostly static program partitioning of binary executables.


**Ying:2011:FHL**

Mingsheng Ying. Floyd-Hoare logic for quantum programs.

REFERENCES

Yu:1997:NCI


Yu:1994:LTS


Yang:1997:SMC


You:1997:PSC


You:1999:SCB

Yahav:2010:VSP


Yang:2002:EEB


Zave:1985:DAF


Zhao:2007:FFS


Zhang:2005:CPT


Zhou:1996:PPC


Zic:1994:TCB

REFERENCES

pubs/toc/Abstracts/0164-0925/197322.html.

Zhang:2017:SSH


Zhuang:2007:AAR


Zhuang:2010:OFE


Zhong:2009:PLA