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/

09 March 2023
Version 2.147

Title word cross-reference

[ADG91, BL94b, KM81]. 2 [Dam03]. 3

[SRW02], + [Han81a], TM [Bla03], ex/
[AW82], [DDDGC02], A [DES12], R
[JMSY92], RLin [VR95], t [ADG94].
O(nn) [Pet82]. φ [CF95, DR05]. π [ABL03].

(k) [ADGM91, BL94b, KM81]. 2 [Dam03]. 3
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, Pan89, She91, TY21, Wei89, van88, ABS09, BDL+08, BdlBH99, Leu04, RM07, SYYH07, SJ03].

Abstraction
[BNNN22, CGL94, CL94, Der85, GMH81, GKM20, SM81, BMR05, BBTS07, GMZ00, LN02, LH08, MOSS96, PR07, Ell82].

Access-Right
[BSS88].

Accessing
[CB80].

Alma-O
[ABPS98].

Alternative
[Gho93, GH80, Zav85].

Amulet
[VHM+01].

Amplitude
[Bar81, MTG80].

Ada
[MDCB91, PS08].

Ada
[Bak82, Dil90, Hil88, LP80, WJS+00].

Adaptation
[Dha91].

Adaptive
[ABH06, HOYY18, PXL95, TCVB14, UJ92, RD03].

Ada
[YS97].

Addendum
[Bir85].

Adding
[ACW90, BN94].

Addition
[CBMO19].

Addressing
[Hol87, ZP10].

Adaptation
[KKSD94, Wey83].

adjusting
[ABB+09].

advice
[WKD04].

minimum
[SNS+14].

Affine
[BAC16, BCGM15, CFNH18, DG19, ELS+14, VJB12].

Affix
[GF85].

agents
[BCC04].

aggregate
[LSLR05].

Ahead
[BLH12, DP82].

al
[Ano18, TGT20].

Alarms
[LLK+17].

Algebra
[Koz97, Wil82a, KBC+99].

Algebraic
[BP82, BWP87, CIJGP18, CGG+19, Jen97, Lin93, SV20, JB06, SP07].

Algorithm
[AB81, Bak82, BB79, BAC16, BP82, Dan23, DSW82, Dha91, DP93, GHS83, HL22, Hua90, Hud91, JJC019, LV94, LY98, Lei90, LT79, LH91, MM82, MC82a, Pet82, SH99, TB98, Wis91, BKR98, BH99, DR05, DVD07, JNZ06, Van96a, Van96b, Han81b, BKRW05].

Algorithmic
[BP82, CFNH18, GM12, Loe87].

Algorithms
[Apt86, BA84, CIJGP18, CGG+19, CS95, CN83, GLO88, KRS84, KMM90, Kro82, Kro83, Kro84, Kro85, Kro86, Kro87, Kro88, Kro90, Kro91, Kro92, MM89, RD87, RH87, RP88, TM93, WW95, Apt00, DAS98, GC01, ZGZ05].
Analysis
[AKNP17, ABE+05, AD98, Bac84, BNN18, BC85b, Blo94, BE13, Bur90a, CFNH18, CFG19, CDK+18, CM91, DKKL18, DL93, Deh95, DP97, DC22, DAW88, FPS19, FJK+17, GNS+15, GKM20, GDF23, GJ93, HP96, HL22, HOYY18, Hill88, Hor97, ISY88, Jen97, JJCO19, KD94, LKK+17, LTMS20, LR13, LHR19, LWR21, McG82, MRGP20, MWB94, MOS07b, OHL+14, OLH+16, Pal95, PO95, PCC85, PP91, PW94, PW98, Pur91, RTD83, RTP17, RPB19, RP88, SR95, SSS83, SGL98, SS13, ABB+09, BDFZ09, BAL07, Bla03, Bh99, BCG+07, CSLW06, Cha02, CG5+03, CKTS86, DDV99, DF80, DF81, LBN17, LR13, LR95, PCC85, PP91, PW94, PW98, Pur91, RTD83, RTP17, RPB19, RP88, SR95, SSS83, SGL98, SS13, ABB+09, BDFZ09, BAL07, Bla03, Bh99, BCG+07, CSLW06, Cha02, CG5+03, CKTS86, DDV99, DGS97, FF99, GHB+96, GJ05, GZ04, GCRN11, HAM+05, HPMS00, HBCC99, HVHD07, HAH12, IK05, JLR510, KBC+99, KK07, KSK07, LP00, LH08, MPM03, NS13, PHP02, PKH07, Ram00, Rep00, RSL10, RD07].

Analysis [RRSY08, RR03, RR05, RLS+01, SRW98, SRW02, STS03, SdSCP13, SS96, ST00a, WP10, WJ98, ZSD09, dHB+96].


applicable [Gom92]. Application [CD79, DF80, DF81, LBN17, LR13]. Applications [BLRS12, Bou88, MRGP20, SR21, BALP06, CML06, NR96]. Applicative [AC94, KS86]. apprentice [MP02]. Approach [AKNP17, ABR81, AR80, BAC16, BP82, Bur90a, CH90, CTD9, DS90, El82, ES97, FT94, GGL15, Har80, Hes88, KKW14, Lam79, Lam80, Lee86, LTMS20, MW80, MDCB91, ND16, OA88, Sam80, Spo86, SM81, SNS+14, Bou05, CRN+08, DHM+12, FGM+07a, JLR510, KV00, LP80, MBT09, PSS05, PCJD08, RC03, SP07, WS97].

approximations [BGP99]. Apt [Moi83].


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

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

Automata [BMW91, CBMO19, ES97, Pro95, KV00].

Automata-Theoretic [ES97, KV00].

Automated [GRSK+11, KZC15, KF00, LCK+22, Sok87, JNGG10].

Automatic [AKNP17, AK87, Ano02a, BBC16, Cat80, Cat80].
Centered [CHY12]. Centers [KRS84].
Centralized [HM84], centric [DHM+12].
Certificate [BGKR09, BK11], certified [STSP05]. CHAD [VS22]. Chaining [LS80]. Chains [HS94], challenge [MP02].
change [BA08, CP96, Lee99]. Changes [Ber94, MTSS09], changing [MP07].
Chariots [PB97], CHC [MTK21].
CHC-based [MTK21]. Check [AP94]. checked [KN06], checker [NP08].
Checking [Car95, CGL94, ES97, FF08, GL94, ND16, Ao11, ACMI11, BGP99, FFLQ08, HQRT02, JJD98, KF10, KV00, N05, SG04, VJB12, YMW97]. Checks [CG95, CEI+07].
Chocola [SDD21]. Choice [BN94, JCM19]. CIRCAL [Mii85].
Circular [Jon90, Pet82]. Circularity [W995, Wu04].
Class [CBM019, HKMN94, Han92, SJ03, SDTF13, HS11, MH04, ST00a]. Classes [SDTF13, WT11, HHPW96, HMS06].
Cliché [Wat94]. Cliché-Based [Wat94]. Clique [GSO94].
Closure [Pab95, SW97b, SA00]. CLP [DHM00, GLMM05, JMSY92, KMM+98, VR95].
Clustering [LKK+17]. Clusters [BGH+13, HBG+09]. coalescing [GA96, Hai05, PM04].
Coalggebraic [KBP22]. Coalgebra [KBP22]. Code [AGT89, BHM+19, Cat80, Cop94, DF84, FGL94, GF85, Hen82, HG83, JSB+12, KRS94, LR13, LCK+22, ND16, Rob79, TV82, Wan82, AM01, DEM00, Hai98, HBG+09, HK07, JNZ06, LDK+96, MSR00, ME07, Oh07, PHEK99, WS07, vHK00, CM03, Pem83, WST85].
Coder [SBS22].
Cohen [Coh85]. coherence [SS96].
coinduction [San09]. Collect [JCM19].
Collecting [HY91]. Collection [BA84, CN83, DSW82, Lan80, TM93, URJ18, WLBF16, BALP06, HD02, PBP+07, Piq96].
Collector [YW22, BBYG+05, LP06, TSB08].
Coloring [BCT94, CH90, GSO94].
combination [BCG+07]. Combinator [FRW90, KLS92]. Combinatorial
[LCBS19]. Combinators
[FGM+07a, KS88, KS89]. Combinatory [RS07, VS22]. Combining
[Ber94, BP82, C95, CMB+95]. Come [LH91]. Comments
[AB94, KS79, LaL84, NN86, Sor89].
Communicating [AFdR80, GC86, HM84, MW84, MC82b, M03, Oss83, P91, Pur91, Sou84, Ber80, KS79]. Communication
[Aug89, CHY12, FJK+17, FY85, Ge885, Hua90, LH91, MB83, vPS81, KBC+99, Mi185, SWU10, WM12].
Communication-Centered [CHY12]. Communications [RS84b].
Commutativity [RD97, Apt00, Cha02].
Compact [BC79, Sip82, Wad90].
Compactification [RH87]. Compacting
[CN83]. Compaction [CP17, Wis79, BP12, DDD05, DEM00].
Comparative [GDF23, WC90, WC91].
Comparing [Hai05]. Comparison [CN83].
Compartmentalized [WLBF16].
CompCert [BDP14]. Compensation
[FGL94].
Compilation [ABC+21, DLR16, FK99, FL91, JLP+14, JF81, O10, PAS+15, PG21, Sit79, KMM+89, LST02, LDM07, SYN06].
Compile [AB81, GW99, Hol87, Tra08].
Compile-Time [AB81, Hol87, GW99, Tra08]. Compiler
[ABC+21, App94a, Bud84, CM86b, DK17, DEM00, FT94, FGL94, JSB+12, Rei83, Slo95, Son87, Wha94, YBL16, A02, CMLC06, DSH09, GMN99, KN06, PE08, PHEK99, SYK+05, VHK02].
Compiler-Driven [YBL16]. Compilers
[BDF97, DDH84, HP96, Han94, BGKR09, RD97, SYN06]. Compiling
[Cha93, CH87, Fis80, Set83, VHK02].
Complementation [CFG+97]. Complete


D. [Bur91]. Data
Executable [Hob84]. Executables [YF09]. eXecute [BR10]. Execution [BNV+21, CS87, Dil90, GJ93, JW17, JNGG10, JF81, SS98, SS88, BALP06, GPA+01, TSY00, YF98].

Exemplars [LaL89]. Exemplified [DGL+79]. Exercise [Kna90, Mis81].

Exhaustive [Bur90a]. Existential [MP88]. existing [LS98]. expansion [DMP96].

Experiments [Tur84]. Explanation [Mis81]. Exploiting [KOE+06]. exploring [Wu04].

Expression-Oriented [GP81, YB87, YB88]. Expressions [BG89b, CGST95, DAW88, Fis80, Geo84, Grib82, Hen83, KS83, LdR81, PK82, Sha82, Sit79, Wat91, Dam03, NN86].

Expressive [MFRW09]. Expressiveness [WGS92, WGS93, PS96]. Extended [ABC+21, CBMO19, KGMO04]. Extending [CEW14, CMS03, MSRR00, MK94].

Extensible [LCK+22]. Extensible [HSG17, Sto04, ATD08, MBC04].

Extension [Bur90b, Coh91, WH15, Wir91, AL03, KKN06, LS08]. Extensions [Wir88].

Extent [MF88]. External [Wal80, Wal81].

Extracting [GP95]. extraction [TSL+02]. extrapolation [WM12]. Extrema [Pet82].


Failure-Free [Kar84]. Fair [BN94, PR07]. Fairness [ES97, OA88, TB95, AH98].

Families [LaL89]. Fashioned [AL94]. Fast [ADR06, DAS98, FmPsS11, HVHi07, LT79, LZR22, SR95, DR05, PE08, TP04, VBLG04, DVLM15].

Fault [CS95, Lam84, Lj99, AAE04].

Fault-Tolerance [LJ99]. Fault-Tolerant [CS95, Lam84, AAE04].

Feature [LPW01, LST02, LS08]. Feature [ASAVF19, AH10]. Feature-Specific [ASAVF19]. Feeding [PA86a]. Fence [AKNP17]. Few [HL22]. Fickle [DDDGC02, AAD+07]. field [PKH07]. field-sensitive [PKH07]. fields [PZJ05].

FIFO [FLBB89]. Final [Kam83]. Finding [KRS84, KKM09, LT79].

Fine-Grained [HL22, PBR+15, DSGF21, DNS+06].

Finite-State [AC94, Bre89, DP97, JPP91, JS94, LH91, MH04, SDF13].

First-Class [HKMN94, Han92, SDTF13, MH04].

First-Come-First-Served [Li91].

First-Enabled [ADG+94]. First-Fit [Bre89]. First-In [ADG+94]. First-Order [DP97, JPP91, JS94].

Fixed [SS98]. Fixed-Order [SS98]. Fixpoint [AC94, Qia00].

Flexible [AD98, Hud91, MMR+08, Wg98, Wi82b, dJKVS12, IV06, KMS04].

Floating [CK94, Fat82, SBB+19, Hau96, Mon08].

Floating-Point [CK94, Fat82, SBB+19, Hau96, Mon08].

Flow [AR80, AD98, ASF17, Bac84, BC85b, Bur90a, DP97, DP93, FJKAO6, Hor97, KD94, MMR95, NBB13, PO95, PP91, PBR+15, Pur91, RSPS23, Set83, SGL98, SS13, Wet82, DGS07, HR02, HY07, KBC+99, Pal98, PS03, RRSY08, RP88, TZ07, WJ98].

Flow-InSensitive [Hor97, FJKAO6].

Flowback [CMN91]. Flowgraph [LT79].

Foo [FA93]. foreign [FF08]. Foreword [Mye17, Mye18]. Form [AK87, BOV85, BM94, CFR+91, GSW95, PaI95, PC21, GPF08, KCL+99]. Forma [ZCG+07]. Formal [ADG+21, BS86, BDP14, CB80, CD79, Fid93, Gie83, HIT97, Kna90, Lee86, Mal82, MH86, Sha82, WP10].

Formal [ADG+21, BS86, BDP14, CB80, CD79, Fid93, Gie83, HIT97, Kna90, Lee86, Mal82, MH86, Sha82, WP10].

11


I-Structures [ANP89]. I/O [Car95]. Icon [GHR80, Mur91, KK07]. Improvements [BCT94]. Improving [CK94, CMB+95, MCT96, TCP+17, WS97]. Improve [Pip97]. Independent [DHM00, GGSV22, Rep00]. Independent [ML80, Mul92]. Index [Ano86a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano94, Ano95, Ano98]. indexed [AM01]. indices [RR05]. Indirect [Piq96, CEG07, YK97]. Induction [GWW95, Sit79]. Inductive [LBMTT22]. inefficiencies [MMM+07]. Inessential [SS82, LdL84]. Inference [CEW14, Deb89, Hen93, LO94, LY98, MRGP20, Pad19, SR21, TB98, Wey83].
Laminar [Geo84, Gom92, NN86, PS08].

Lamport [Ang89, Pet83b].

Language [ACP99, AOC++, Ano98, ABPS98, BS86, BPF16, Bo94, Bor81, BC91, DVL15, Fat82, Fea87, FFF++, GSS++18, Gud92, Hal85, HSG, JMY92, JPP91, Kae98, LVRG21, McG82, Per79, PPS79, RTD83, RSC93, Spo86, SNS++, SDD21, Tur84, Wet82, YS91, YB87, dJKVS12, van88, Bou05, BSvGF03, CFP04, DWWW08, DF98, FM99, Gro06, HBJ98, KN06, LP99, MF09, MWCG99, PPT08, PHEK99, Tra08, VHK00, WC82, YB88].

Language-Based [Kai89, RTD83].


Larch [Win87].

Large [GLR83, HSD22, MK94, MH86, WCW90, WCW91, ZSS20].

Large-scale [ZSS20].

Lattice [AKBLN89, MMR95, FH04].

Lauer [GM81].

Layout [KK98, LVV++, GPW00, KF00].

Lazy [ABM93, FKW00, HKR94, Huh91, ITF22, TCVB14, Chi05].

lead [SS05a].

learned [VHM++01].

Learning [CGJ97a, HOYY18, JCC00, SR21].

Least [AB81, Bac84].

Least-Cost [AB81, Bac84].

Left [FKW98].

Left-Linear [FKW98].

Legacy [NCH**, length [SMP10].

Lessons [URJ18, VHM++01].

Let [LY98].

let [LY98].

Let-Polymorphic [LY98].

Level [Cam89, Fat82, GP95, YBL16, CMS03, VWB10].

Lexical [HKR92].

libraries [Dug02].

LIFE [AKP94].

Lifetime [HBM++, HEB96].

Lifetimes [Pea21].

Lightweight [Pea21, SW97b].

Like [Hua90, KN06].

Limitations [CP17].

Linchpin [BGH++, LDP05].

Linda [Gel85].

Line [Bal94].

Linear [BL94b, FKW98, PSS99, RS84a, YR94, BKRW98, BKRW05, FMoPS11, KBC**, Ram99, Rep98, RM10].

Linear-Time [YR94, BKRW98, BKRW05].

Linearity [KPT99].

Linearizability [HW90, DSW11].

Linguistic [LS83, Wei90, FGM++07a].

Link [DDD05].

Link-time [DDD05].

Linking [QL91, Dug02].

LIPS [CDFP89].

LISP [GCRN11].

List [Bu05, SH98, Wat83].

List [BC79, HIT97, Ka04, Sij89].

listing [MDJ05].

Lists [Dan23].

Literature [Oss83].

Live [DSFG21, MWB94].

Live-Structure [MB94].

Liveness [ACW90, GC63, OL82, RR88, HH82].

LL [BF87].

LIVE [HL22].

Load [KPF95].

Loaded [BG99a].

Local [BDF09, CBDGF95, PT00, SDB20, TSB08, Wei99, Dan03, San96].

Locality [BAC16, MCT96, VALG05, ZSD09].

Locally [AB81, Bac84, Min84].

locating [JNGG10].

Locator [ZMVPJ17].

Lock [GEGP17, KS10].

Lock-Free [GEGP17].

lock-freedom [KS10].

locking [AFF06].

LOCKSMITH [FFH11].

Logic [AS89, AFV98, Apt81, BNN00, BGL93, BL03, BCD90, BDJ13, BMR94, CS04, CES86, CFM94, DW99, De89, DL93, De95, DLP++, JPP91, Kar84, LIN98, Lam94, MW84, MSJ94, MNG91, PZ22, SS98, Sok87, TK94, TD95, dH82].

Local [BG89a].

Locality [AB81, Bac84, Min84].

Load [KPF95].

Loaded [BG99a].

Local [BDF09, CBDGF95, PT00, SDB20, TSB08, Wei99, Dan03, San96].

Locality [BAC16, MCT96, VALG05, ZSD09].

Locally [AB81, Bac84, Min84].

locating [JNGG10].

Locator [ZMVPJ17].

Lock [GEGP17, KS10].

Lock-Free [GEGP17].

lock-freedom [KS10].

locking [AFF06].

LOCKSMITH [FFH11].

Logic [AS89, AFV98, Apt81, BNN00, BGL93, BL03, BCD90, BDJ13, BMR94, CS04, CES86, CFM94, DW99, De89, DL93, De95, DLP++, JPP91, Kar84, LIN98, Lam94, MW84, MSJ94, MNG91, PZ22, SS98, Sok87, TK94, TD95, dH82].

Local [BG89a].

Locality [AB81, Bac84, Min84].

Load [KPF95].

Loaded [BG99a].

Local [BDF09, CBDGF95, PT00, SDB20, TSB08, Wei99, Dan03, San96].

Locality [BAC16, MCT96, VALG05, ZSD09].

Locally [AB81, Bac84, Min84].

locating [JNGG10].

Locator [ZMVPJ17].

Lock [GEGP17, KS10].

Lock-Free [GEGP17].

lock-freedom [KS10].

locking [AFF06].

LOCKSMITH [FFH11].

Logic [AS89, AFV98, Apt81, BNN00, BGL93, BL03, BCD90, BDJ13, BMR94, CS04, CES86, CFM94, DW99, De89, DL93, De95, DLP++, JPP91, Kar84, LIN98, Lam94, MW84, MSJ94, MNG91, PZ22, SS98, Sok87, TK94, TD95, dH82].

Local [BG89a].

Locality [AB81, Bac84, Min84].

Load [KPF95].

Loaded [BG99a].

Local [BDF09, CBDGF95, PT00, SDB20, TSB08, Wei99, Dan03, San96].

Locality [BAC16, MCT96, VALG05, ZSD09].

Locally [AB81, Bac84, Min84].

locating [JNGG10].

Locator [ZMVPJ17].

Lock [GEGP17, KS10].

Lock-Free [GEGP17].

lock-freedom [KS10].

locking [AFF06].

LOCKSMITH [FFH11].

Logic [AS89, AFV98, Apt81, BNN00, BGL93, BL03, BCD90, BDJ13, BMR94, CS04, CES86, CFM94, DW99, De89, DL93, De95, DLP++, JPP91, Kar84, LIN98, Lam94, MW84, MSJ94, MNG91, PZ22, SS98, Sok87, TK94, TD95, dH82].


O [ABPS98, Car95]. Object [DF84, HU96, KH92, Ryu16, Ste22, WC90, WC91, BSvGF03, DMM01, DDDCG02, FM99, GPWZ08, HBM+06, JPS+08, LPS004, Piq96, 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, HBJ96, KF00, Sto04, WJS+00, SKU95]. obligations [DSW11]. Observability [Gaz83]. Observation [LWR21]. Observations [Sha82]. Obsidian [COE+20]. Occur [AP94]. Occur-Check-Free [AP94]. Octagons [GMN+21]. Off [SBB+19]. Offline [CG04, GJ05]. Old [AL94]. Old-Fashioned [AL94]. Omnisemantics [CCEG23].
On-Line [Bal94]. On-The-Fly
[CF95, BA84, URJ18, LP06, PBK+07]. One
[Bak82, BG89b, VHM+01]. One-Pass
[Bak82], one-way [VHM+01]. online
[CG04, HVDH07]. only [PZJ05]. OO
[RSPS23]. Opacity [QG95]. OpenJDK
[YW22]. Operating
[HLH+23, HM84, BCP08]. Operational
[BLRS12, Han94, MF09]. Operations
[AKBLN89, CK94, Lee86, LS79]. Operator
[CSV01, Hen83, LdR81]. Operators
[Ive79, She91]. Optimal
[BOV85, CGST95, FK85, JCMMA9, KRS94, Lar95, PB97,
Hai98, JNZ06, KSV96, MSRR00]. optimality [CP96]. Optimally
[BL94a]. Optimistic
[PM04]. Optimization
[Bee94, BBC16, Blo94, BAC16, BT93, DF84,
DP97, DDH84, Dha91, DSS88, FOW87,
HG93, HOY98, Pem93, PP94, RR98,
SS92, Sor98, TvS82, Web95, Ass00, BHK07,
KBC+99, KF03, PE08, TVA07, ZP10, CG95,
LaL84, OKN06]. Optimizations
[CC95, JSB+12, CGS+03, CKT86, GMP+00,
SYK+05]. optimize [DMM01, VBLG04].
Optimized
[CM93, Cop94, Hen82, WST85, DS98, UM02].
Optimizer [DF80, FSS83, DF81].
Optimizers [Gie83]. Optimizing
[CEG07, KMM+98, LSR05, MLS0, NSZS13,
QR00, BGG09]. Or-Parallel [GJ93].
orchestration [PE08]. Order
[AC94, AD08, Bar84, CJK95, DP97,
DJP+16, JPP91, JS94, SS98, BBTS07,
DF11, FPS19, SKS11, SV9, SP97].
Ordering [FSSH23, GS99]. Organization
[Han81a]. Oriented
[Bor81, Dar90, Eil82, FFP+18, GTWA14,
GKL94, GP81, HU96, Ryu16, SM81, Ste22,
Tur84, YB87, YB88, BsvGF03, DWW08,
DMM01, JPS+08, WKD04, WP10, WJS+00].
origins [San09]. OSI [CFD9P89]. Output
[Ber80, BS83]. overhead [KOE+07].
overhead [BP12, SS96]. overlaid [SWU10].
Overload [Bak82]. overloading [SS05b].
Overview [AOC+88]. ownership
[DDM11, SS96]. Oz [VHB+97].
Package [Hil88]. Paper [GM81]. Parallel
[ANP89, BG22, BOV5, BO94, BE13,
Cha93, CGST95, CMN91, CL94, DS83,
Fos96, GLO88, GJ93, GPA+01, HCHP92,
HIT97, JF81, Kna90, LHR91, Mis94,
NSZS13, OA88, Rau94, SS88, VMLY22,
BBYG+05, CG86, GB99, HBJ98, KSV96,
LK02, MVV+01, RR03, YF98]. Parallelism
[Bur84, GP95, KSV96, NB99, PW94,
TCVB14, YBL16], Parallelization
[BAC16, BDJ13, PP94, BlBH09, HAM+05].
Parallelizing [HP96, ME97, RD97].
Parameter [Gaz83, Zho96].
Parameterization [TWW82].
Parameterized
[CG97b, CK93, Gaz83, RKS12].
Parametric
[HFC09, MMG92, SRW02, IV06].
Parametricities [DPP22]. Parenthesis
[AS80]. Parlog [CG86]. Parsed [Wad90].
Parser [DDH84, JP17, LaL84, SS82].
Parsers [BN99, LaL81, MYD95, PK80,
CPRT02, SJ06, ST00b]. Parsing
[CH87, DMM88, Fis80, GM79, Lar95, RH87,
Sam80, WG98, KCO1]. Part
[LaL81, PA85, PA86a, PA86b, Aopt81].
Partial [AFV98, CP17, CK93, DS88,
Gom92, KCL+99, Sor98, ADR06, BP12,
CG04, GJ05, LMD98, Leu04, ST00b].
Partially [BLH12, Kob98, RRSY08].
partially-flow-sensitive [RYS08].
partitioning [RM07, YF09]. Parts [Son87].
Pascal [LS79]. Pass [Bak82, BM04].
Passing [BDM15, GAZ83, SS84, VMLY22,
CSW06, Gor04, Zho96]. Passive [AKP94].
past [PM09]. Path
[Bl94, CJGP18, SMP10]. path-length
[SMP10]. Patient [FFF+18].
Patient-Oriented [FFF+18]. Pattern
[EGP14, ADR06, Jay04, MTSS09, Van06]
.Pattern-Based [EGP14]. Patterns [GH80].
PDS [Han81b]. PEAK [PE08]. Peephole [DF80, DF81, Pem83, TvS82]. PegaSys [MH86]. Pennello [Sag86]. Perfect [Duc08].
process-oriented [WP10]. Processes [AfDr80, Bag89, FDY12, HM84, KS79, MW84, MC82b, Oss83, RY88, Sou84, TY18, dBB85, AE09, KS10, Ber80, Moi83].

Processing [GH80, HSG17, Rei83].

Processor [BG89b, Bud84].

Processors [GLR83, Per79, LPP01, ZP10].

Product [EMH20, RTP17].

Production [Wad90].

Productivity [Sij89].

Profile [BHM+07, YUW02].

Profile-based [BHM+07].

Profiling [ASAVF19, BL94a, SP97].

Program [Bal94, BNN22, Bar85, BAL07, BKB80, Col84, DKKL18, Der85, FPS19, Fea82, FOW87, FT94, FL91, HSP83, HKR94, HSD22, HLH+23, Jen97, JICO19, KKW14, KWL09, Lam83, Lam88, LFF14, LWR21, MS83, MW80, Mis81, Nie85, PP94, PPS79, Rem81, RPT17, SBS22, TSY00, Wad90, Wey83, ZSD09, Ass00, DDD05, GZ04, KF03, LH08, NL13, Pan01, RAB+07, SLC03, WZ07, WN08, YF09, DKV07].

Programming [AGT89, Ano18, AR84, ABPS98, BS86, BPP16, BHM+19, BL94a, Bir84, Bor81, BMPT94, BWP87, BCEM15, CHY12, COE+20, CL94, Dar90, DFR15, DGL+79, Dug99, FFF+18, Fos96, FL15, GTPA14, Har80, HKR94, HSD22, HLH+23, Jen97, JICO19, KKW14, KWL09, Lam83, Lam88, LFF14, LWR21, MS83, MW80, Mis81, Nie85, PP94, PPS79, Rem81, RPT17, SBS22, TSY00, Wad90, Wey83, ZSD09, Ass00, DDD05, GZ04, KF03, LH08, NL13, Pan01, RAB+07, SLC03, WZ07, WN08, YF09, DKV07].

Programming-in-the-Large [MK94].

Program [Aww95, AK87, AFV98, AB20, AR80, AP94, AC94, BL94a, Ban87, BGL93, BC85a, BC85b, Bes94, BCD90, BE94, BE13, BEF+16, CR87, CB80, CM86a, Chat83, CFNH18, CFG19, CEW14, CMN91, Cha80, CFM94, CS87, DSFG21, DL18, DGM97, DW89, Deb89, DL93, Deb95, DP97, Di90, EMH20, EGP14, FJK+17, FNBG20, GG85, GM81, Har80, HCP92, HPR89, How80, HIT97, ISY88, ITF+22, JBBK18, JW17, Jon83, JF81, Kna90, Lam79, LS83, MSJ94, ML21, MTK21, MRGP20, MH86, Mye18, NSZS13, OA88, OL82, PS92, QL91, Rao94, SS98, Sch82, SS81, SS88, TOUH21, TN19, VMLY22, Ven95, Wad90, Web95, Wil82a, AE01, AA04, BCG+07, CSW06, CSS99, DP99, DSV99, DS98, DMMO1, EGM01, GM12, GHB+96, GH7, GPA+01, Hau96, HPMS00, JPS+08, KS96].

programs [LMD98, Leu04, LS09, MF09, NRO6, PM06, RKRR04, RR03, San96, VJB12, WM12, YS10, Yn11, dHB+96, Bir84, Lam80].

PROLOG [LV94, AP94, AB94, BC91, CH87, FA93, GPA+01, MWWB94, NF89, Zho96].

Promotion [Bir84, Bir85].

Proof [AfDr80, BDJ13, FRW90, GL80, Moi83, Sag86, SS84, Sok87, Wad90, Wey83, ZSD09, Ass00, DDD05, GZ04, KF03, LH08, NL13, Pan01, RAB+07, SLC03, WZ07, WN08, YF09, DKV07].

Proof-Directed [BDJ13].

Proofs [AP86, BC85a, CM86b, JW17, LY98, OSS83, GR5K+11].

Propagation [SR95, WZ91, Apt00, CP96, SS05a, SS08, SS09].

Properties [ACW90, AS89, CIJGP18, Kar84, LM18, OL82, RY88, TB95, WE89, YS10].

Prophecy [LM22].

Proposed [Fat82].

prossima [MP10b].

Protected [PAS+15, WJS+00].

Protocol [SL92, YS97].

Protools [MB83, BFGT08, SS96].

Prototype [WCW90, WCW91].

Prototypes [HW82].

Provably [SDB20, GB99].

Provenance [ZSS20].

provenly [AAD+07].

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

Pruning [BN99].

PSG [BS86].

PSO [FSH23].

publish [Eug07].

publish/subscribe [Eug07].

Pure [BNN18, HU96, Pip97, Tar07].

Purpose [App94b, HSS+14, Spo86].

Pushdown [CBO19].

PYE [TN19].

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

Representations [Mul92].

Representation-Independent [Wad90, Wan82, Mil85].

Resilient [GHH+19]. Resolution [Wal81, Bak82]. Resolved [Wad90, Wal82, Mil85].

Rivieres [CGG92]. Rings [MTK21, Pea21].

RustHorn [MTK21].

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


Satisiability [FSPH23, AX07]. satisfying [Van96a, Van96b]. Saturn [AX07].

Scalability [TCP+17]. Scalable [FT94, GKM20, ZSS20, AX07].

ScalaExtrap [WM12]. ScalaExtrap [ZSS20].


Section [Müll21, Wol92]. Secure [ABC+21, BCEM15, PAS+15, PG21, BBF+11, HY07].

Securably [RB94]. Securing [BNV+21].


Semantic [AAC+10, AW95, GGL15, LCK+22, ML21, MH06, HCW82].

Semantics [ABHI+11, Ans87, AB94, AW82, BGL93, Ber94, BLRS12, Bou88, Boy10, CPS03, CD79, FA93, GM81, Gud92, Han94, JPP91, Kai89].
Mul92, NF89, Set83, Sou84, WM95, Wan82, dBBB85, 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, HBS22, PKH07, Ram00, Rep00, RRSY08].

Sensitivity [FL15, KRR18, LTMS20].

Separating [DDM11, Ste22].

Separation [BDJ13, DJP+16, OYR09, BBTS07, PZ22].

Separators [GSO94].

Sequences [GSW95, LWR21].

Session-Based [TY18].

Sessions [TY21].

Set [Sha82, FF99].

set-based [FF99].

SETL [DGL+79, FSS83, SSS81].

Sets [DP82, DPPR00].

Setting [Lin79, Nie85, HL05].

SHA [App15].

SHA-256 [App15].

shape [GCRN11, JLR50, JB06, SRW98, SRW02].

shape-analysis [SRW98].

shaping [HS11].

Share [SS88].

Shared [Cha93, FLBB89, KH92, KRS88, LB22, Pet83b, Dug02, HB93, TSY00, BC91].

Shared-Memory [Cha93, TSY00].

Sharing [CSS99, Lam87].

SHErrLoc [ZMVPJ17].

Shift [BN99, MYD95].

Shift-Reduce [BN99, MYD95].

Short [Sag86].

Should [LP99].

Side [Boe85, KWL09, RLS+01, TAO8b].

side-effect [RLS+01].

sign [KKN06].

signal [BH05b].

Signatures [BR97].

Signedness [GNS+15].

similar [AE98].

Simple [Boe85, GLO88, JP17, LM22, SH89].

simpler [BKRW98, BKRW05].

Simplification [LZ92, NO79].

Simula [Lam80].

Simulation [AMT14, Bar81, Bor81, LFF14, HQR02].

Single [BM94, CFR+91, JKB18, GPF08].

Single-Assignment [BM94].

Single-Threaded [JB1B8].

Sit [AKNP17].

situations [WN08].

Size [BA08, BEE+16, JB20, Lee09, LDK+96].

Size-change [BA08, Lee09].

Sized [DG19].

Sketches [HSD22].

Slicing [AB20, AHJR14, CF94, DLI8, GH97, HRB90, ML21, Mye18, Ven95, WZ07, BHK07, GE07, NR06, RAB+07, WR08, GZ05].

SLR [BS88, Tai79].

Small [BNV+21, FLBB89, LH91, Pet83b].

Smart [Tic86].

Smarter [SK88, Tic88].

Smooth [CEG23, 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, SMR10].

Software-Defined [Wal92].

Soininen [LaL84].

Soisalon [LaL84].

Soisalon-Soininen [LaL84].

Solution [ADG+94, DS88, Gho93, Pet83b, Sor89, WP10].

Solving [GS11, HLH19, HSD22, NSTD+15, SRW98].

Some [AB94, AK82, Sha82, Sor89].

Sometimes [Gri79].

Sound [LLK+17, LCK+22, RSPS23].

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 [Ahm20, Mül21, Wol92, Yos22, Sag07].

Specialization [AHJR14, BCP08, GJ05, HT04, SLC03].
specialization-point [GJ05]. Specializing [BCD90]. Specific [ASAVF19, Gie83, Tra08].


Time-Constrained [Zic94, LPP01].

Time-Critical [PS93].

time-efficient [GB99, YF98].

Time-sensitive [HBS22].

Timed [Zic94].

Timeout [Lam84].

Timing [LJ99].

Tokenization [Rep98].

Tolerance [LJ99].

Tolerant [CS95, Lam84, AE04].

Tool [CPS93].

Toolkit [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 [HBM+06, WR08].

Tracing [BL94a, DLR16, MMM+07].

tradeoffs [ZGZ05].

Trailing [VR95].

Traits [DNS+06].

Transaction [URJ18, ABHI11, CFP+04].

Transactions [Ano18, HKMN94, TGT20].

Transducer [DVL15].

Transducer-Based [DVL15].

Transformation [BK80, Foa82, FL91, NSZS13, Wat91, RKKR04, San96, TSY00, WZ07].

Transformational [BDFH97, Bir84, Bir85, DS82, OA88, RC03].

Transformations [Bar85, EGM01, Geo84, Ldr81, Lff14, MS83, MCT96, Nie85, FGM+07a, KWL09, MOS07a, VAL95, WS97, Hen83, NN86].

Transformers [Lam90, MMS96, MBBT09].

TransformGen [GKL94].

Transforming [AWP95, BE94].

Transition [PR07].

Translation [AK87, BK11, Kat84, Son87, AAD+07, BGK90, DP99, RC03].

Transmission [HL82].

Transparently [JSB+12].

Transport [Min84].

transpose [CRN+08].

Traversals [LPSO04].

Treatment [YB87, YB88].

Tree [AGT89, BOV85, BW91, DVL15, DS83, Han81a, Hen83, Ldr81, FGM+07a].

Trees [Com80, GSS83, MT80, Sip82, Wad90, ACM11, SGL97].

TreeWidth [CLJGP18, CGG+19].

trick [DMP96].

Truth [BDH+16].

TSL [LR13].

TSO [FSH23].

tuning [GMM99, PE08].

Tuples [Ren81].

Two [BO94, CDFP98, DPP22, GPWZ08, TY21, FM0PS11].

two-dimensional [GPWZ08].

two-variable [FMO011].

Type [Bur90b, Car95, CEW14, Czh91, CZ84, DUG02, Dug07, HHPW96, HM93, Hen93, KPS92, KTM93, KR01, Lan80, LO94, LST02, LY98, LP00, MRG92, MP88, NGB13, Pad19, PO95, SA99, SM89, Ste22, TWW82, TGT18, TGT20, Van06, VMLY22, Wal80, Wi11, Wir88, WC97, BSvGF03, BCG+07, FJKA06, FMO07b, FM99, FO08, GZ07, GMZ00, H007, HDH02, HY07, KF10, KS10, NP08, NCH+05, PT00, STSP05, TFK+11, 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, MWC99].

Typed-Untyped [GDF23].

Types [AFF06, AC93, BG22, BB94, BCCM15, DDMP22, DPP22, DSS85, EO80, FFLQ08, GEGP17, HL82, Hes88, Jen97, Kam83, KBP22, LALS9, LO94, LBN17, LOE87, Mal82, Miq19, MP88, WL85, Wei89, Wei90, AM01, BBF+11, Dam03, DD11, DMM01, Gro06, GPV07, HVP05, IV06, MME+10, PS96, Pal98, ST033, SP07].

Typestate [COE+20, GTWA14].

Typestate-Oriented [GTWA14].

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

ultimate [PS08].

Ultracomputers [SCH80].

Unassigned [Win84].

Unbounded
Undecidability [Ram94, Rep00, Cha02].
undecidable [Ram00].
Understanding [ST00a, Lee86].
Unidirectional [Pet82].

Unidirectional [Pet82].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].

Understanding [ST00a, Lee86].
REFERENCES

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

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 assembl-


Afek:1993:LC


Apt:1998:AIl


André:1981:MAC


Ariola:2009:SCA


Amadio:1993:SRT


Ashley:1994:FCP


Abadi:1996:SM

REFERENCES


Afek:1994:BFF


Ager:2006:FPE


Alglave:2021:ACF


Ancona:1991:ECL


Attie:1998:SCS


Attie:2001:SCP


Apt:1984:MDT

Krzysztof R. Apt and Nissem Francez. Modeling the distributed termination convention of CSP. *ACM Transactions on Programming Lan-


REFERENCES


REFERENCES


Ait-Kaci:1994:FPC


Abadi:1993:CS


Abadi:1994:OFR


Abadi:1995:CS


Ancona:2003:JDJ


Atkinson:1985:PPD


Appel:2001:IMR

Andrew W. Appel and David McAllester. An indexed model of recursive types for foundational proof-carrying code. ACM Transactions on Programming Languages and Systems, 23(5):
REFERENCES


REFERENCES

Anonymous:1987:IA


Anonymous:1988:AI


Anonymous:1989:AI


Anonymous:1990:AI


Anonymous:1991:AI


Anonymous:1992:AI

Anonymous:1992:IA


Anonymous:1994:AI


Anonymous:1995:AI


Anonymous:1998:AI


Anonymous:2002:ADC

Anonymous. Automatic derivation of compiler machine de-

Anonymous:2002:LDD


Anonymous:2018:CCL


Arvind:1989:SDS

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


Appel:2015:VCP


Apt:1981:TYH


Apt:1986:CPD


Apt:2000:RCC


Andrews:1980:AAI


Appelbe:1984:ECS


Arnold:1980:URG


Alpern:1989:VTP

[AS89] Bowen Alpern and Fred B. Schneider. Verifying temporal properties without temporal logic. *ACM Transac-
Andersen:2019:FSP


Austin:2017:MFD


Assmann:2000:GRS


Aik:2019:SST

Alexander Aiken, John H. Williams, and Edward L. Wimmers. Safe: a semantic technique for transforming programs in the presence of errors. *ACM Transactions on Programming Languages and Systems, 17*(1):
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


Ben-Amram:2012:TIL


Baker:1982:OPA


Ball:1994:ECP


Ben-Amram:2007:PTA


Brecht:2006:CGC


Banerjee:1987:MSR


Banerjee:2011:MFT


Barnden:1981:NCA

REFERENCES

in discrete-event simulation languages. ACM Transactions on Programming Languages and Systems, 3(3):293–317, July 1981. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Katherine Barabash, Ori Ben-Yitzhak, Irit Goft, Elliot K. Kolodner, Victor Leikehman, Yoav Ossia, Avi Owshanko, and


Adam Betts, Nathan Chong, Alastair F. Donaldson, Jeroen Ketema, Shaz Qadeer, Paul
Thomson, and John Wickerson. The design and implementation of a verification technique for GPU kernels. ACM Transactions on Programming Languages and Systems, 37(3):10:1–10:??, June 2015. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


REFERENCES

Biernacki:2015:DCP


Bowman:1993:RAN


Barthe:2014:FVS


Bossei:1994:TAP


Bouajjani:2013:ARP


Beemster:1994:SOG


Brockschmidt:2016:ARS

BERNSTEIN:1980:OGN


BERZINS:1994:SMS


BURKE:1987:PML


BHS98


BARBOSA:1989:CHL


BERNSTEIN:1989:SEP

David Bernstein and Izidor Gertner. Scheduling expressions

REFERENCES


Barthe:2009:CTO


[Bultan:1999:MCC]ARRAY

Barbuti:1993:GFS

Butler:1999:RAG
REFERENCES


REFERENCES

actions on Programming Languages and Systems, 7(3):490–492, July 1985. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). See [Bir84].


REFERENCES

[Back:1988:DCA]

[Bic:1987:DDM]

[Blo94]

[BL94b]

[Blanc:2003:EAJ]

[Bodd:2012:PEF]
REFERENCES

Boudol:2012:RAW


Boudol:2012:VLA

Blume:1999:VLA


Bistarelli:2001:SBC


Ball:2005:PPA


Borstler:1991:TCT

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


REFERENCES


REFERENCES

Bobrow:1980:MRS


Boehm:1985:SEA


Boom:1982:WPL


Borning:1981:PLA


Boute:1988:SSP


Boute:1992:EDF


Boute:2005:FDL

REFERENCES


The design and formalization of Mezzo, a permission-based programming language. ACM Transactions on Programming Languages and Systems, 38(4):14:1–14:??, October 2016. CODEN ATPSCT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Baumgartner:1997:ISC


Balakrishnan:2010:WWY


Brent:1989:EIF


Buckley:1983:EIG

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 ATPSCT. 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.

Bahlke:1986:PSF


Bermudez:1988:NRB

Manuel E. Bermudez and Karl M. Schimpf. On the (non-)relationship between SLR(1) and NQLALR(1) grammars (tech-


Burton:1991:TCA


Brody:1987:ADP


Cameron:1989:EHL

[Robert D. Cameron. Efficient high-level iteration with accumulators. ACM Transactions on Programming Languages and Systems, 11(2):194–211, April 1989. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).] [Cam89]

Carlisle:1995:TCC


Castagna:1995:CCC


Cattell:1980:ADC


Casanova:1980:FSR

[Marco R. Casanova and Phillip A. Bernstein. A formal system for reasoning about programs accessing a relational database. ACM Transactions on Programming Languages and Systems, 2(3):386–414, July 1980. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).][CB80]
Charron-Bost:1995:LTP


Cotton-Barratt:2019:MVP


Click:1995:CAC


Clarke:1997:URE


Charguéraud:2023:OSH


Constable:1979:HAF


Carchiolo:1989:ELT

Vincenza Carchiolo, Antonella Di Stefano, Alberto Faro, and
REFERENCES


Chen:2018:BPP


Casey:2007:OIB


Chander:2007:ERB


[CES86]


Chen:2014:ETI


Choi:1994:SSP

[Jong-Deok Choi and Jeanne Ferrante. Static slicing in the presence of goto statements. *ACM Transactions on Programming Languages and Systems*, 16(4):1097–1113, July 1994. CODEN ATPSDT. ISSN 0164-0925.
REFERENCES


[CF95] Cytron:1995:ECN


[CFG+97] Cortesi:1997:CAI

[CFH18] Chatterjee:2018:AAQ

[CFNH18] Chatterjee:2019:NPW


[CFP+04] Cortes:2004:HLA

Chatterjee:2019:NPW


Codish:1994:SA


Cortes:2004:HLA


Cortesi:1997:CAI

Corinna Cortesi, Kathleen Fisher.

Cytron:1991:ECS


Clark:1986:PPP


Chin:1995:ROA


Christensen:2004:OPE


Chatterjee:2019:FAD


Calder:1997:EBS

Brad Calder, Dirk Grunwald, Michael Jones, Donald Lindsay, James Martin, Michael Mozer, and Benjamin Zorn. Evidence-based static branch prediction

**Clarke:1997:VPN**


**Clarke:1994:MCA**


**Chatterjee:1995:OEA**


**Cohen:1987:PCU**

REFERENCES


REFERENCES


[CMB+95] Michael Codish, Anne Mulkers, Maurice Bruynooghe, Maria García de la Banda, and Manuel Hermenegildo. Improving abstract interpretations by com-
REFERENCES


[COE+20] Michael Coblenz, Reed Oei, Tyler Etzel, Paulette Koronkevich, Miles Baker, Yannick Bloem, Brad A. Myers, Joshua Sunshine, and Jonathan Aldrich. Obsidian: Typestate and assets for safer blockchain programming. *ACM Transactions on Programming Languages and Systems*, 42(3):14:1–14:82, December 2020. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (elec-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


[DAW88] Laura K. Dillon, George S. Avrunin, and Jack C. Wile-
REFERENCES


Dunlop:1985:GSU


DeBruin:1985:DSD


DeBoer:2021:CCR


Deng:2022:SDR


Donahue:1985:DTV


DeSutter:2005:LTB

REFERENCES

Drossopoulou:2002:MDO

Dencker:1984:OPT

Dietl:2011:SOT

Das:2022:NST

Debray:1989:SIM

Debray:1995:CD
REFERENCES


REFERENCES


REFERENCES

DeMoura:2009:RC

Dillon:1990:USE

deJonge:2012:NFE

Dodds:2016:VCS

Darulova:2017:TCR

David:2018:PSP
Cristina David, Pascal Kesseli, Daniel Kroening, and Matt Lewis. Program synthesis for program analysis. ACM Transactions on Programming Languages and Systems, 40(2):5:1–5:??, June 2018. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Drinic:2007:PPC
REFERENCES


DeRemer:1982:ECL


Dhamdhere:1993:EAB


Debray:1997:ICF


DeRose:1999:TTM


Devriese:2022:TPV


Dovier:2000:SCL

Das:2005:PFI


Dawson:1996:PPU


Dekel:1983:PGP


Drechsler:1988:TCS


Dewan:1990:ASA


Dhamdhere:1998:DCD


Loris D’antoni, Margus Veanes, Benjamin Livshits, and David

Debray:1989:FCL


Dantas:2008:APA


Etalle:2001:TCP


Esparza:2014:PBV


Ellis:1982:TCS


Elder:2014:ADA


Eilers:2020:MPP

REFERENCES

Ernst:1980:SAD

Emerson:1997:USW

Eugster:2007:TBP

Finlay:1993:TCC

Fateman:1982:HLL

FDY12

Feather:1982:SAP
REFERENCES


REFERENCES

Foster:2007:CBT

Fournet:2007:TDA

Fernandez:2004:ICS

Fidge:1993:FDP

Fischer:1980:PCA

Forejt:2017:PPA

Foster:2006:FIT
REFERENCES


Fisher:2002:GE


Facchinetti:2019:HOD


Francez:1980:CDT


Francez:1980:DT


Francez:1981:TCR


Farmer:1990:CPC


Fan:2023:SMO

[Fan:2023:SMO] Hongyu Fan, Zhihang Sun, and Fei He. Satisfiability modulo ordering consistency theory for SC, TSO, and PSO memory models. ACM Transactions on Programming Languages and Systems, 45
REFERENCES


Freudenberger:1983:ESO


Foster:1994:CAS


Fricker:1995:ICI


Francez:1985:SIC


George:1996:IRC


Gazinger:1983:PSP


Greiner:1999:PTE

John Greiner and Guy E. Blelloch. A provably time-efficient parallel implementation of full speculation. ACM Transactions on Programming Languages and Systems, 21(2):240–
REFERENCES


GarciaDeLaBanda:1996:GAC


Grov:2019:FRR


Giegerich:1983:FFD

Robert Giegerich. A formal framework for the derivation of machine-specific optimizers. *ACM Transactions on Programming Languages and Systems*, 5
REFERENCES


Gupta:1993:APE


Glenstrup:2005:TAS


Garlan:1994:TAM


Gharat:2020:GPG


GL80


Grumberg:1994:MCM


Gavanelli:2005:DIK

Marco Gavanelli, Evelina Lamma, Paola Mello, and Michela Milano. Dealing with incomplete knowledge on CLP(FD) variable domains. *ACM Transactions
REFERENCES


Allan Gottlieb, Boris D. Lubachevsky, and Larry Rudolph. Basic techniques for the efficient coordination of very large numbers of cooperating sequential processors. ACM Transactions on Programming Languages and Systems, 5(2):164–189, April 1983. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


Gange:2021:FLZ


Grant:2000:BCD


Gange:2015:IAM


Gomard:1992:SAP


Gorlatch:2004:SRC

[Gor04] Sergei Gorlatch. Send-receive considered harmful: Myths and


REFERENCES

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

Gries:1979:SEB

Griswold:1982:EEI

Grossman:2006:QTI

Giesl:2011:ATP

Giacobazzi:1998:LMR

Gloy:1999:PPU

Gawlitza:2011:SSR
REFERENCES

Gupta:1994:ERA

Grimmer:2018:CLI

Gerlek:1995:BIV

Garcia:2014:FTO


Gudjonsson:1999:CTM
REFERENCES

1999. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). URL http:// ...


100
REFERENCES


REFERENCES


Hickey:1992:CAM


Huang:2010:DBR


Holt:1982:ISS


Hirzel:2002:UTL


Hennessy:1982:SDO


Henderson:1983:TCL


Hennessy:1986:PSS


[HHP96] Cordelia V. Hall, Kevin Hammond, Simon L. Peyton Jones,


REFERENCES


[Horwitz:1997:PFI] Susan Horwitz. Precise flow-insensitive may-alias analysis is NP-Hard. *ACM Transactions on Programming Lan-
REFERENCES

Ho


Heo


Haghighat


Hermenegildo


Horwitz


Henzinger

REFERENCES

Matthew Hennessy and James Riely. Information flow vs.
resource access in the asynchronous pi-calculus. ACM
Transactions on Programming Languages and Systems, 24(5):
566–591, September 2002. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Susan Horwitz, Thomas Reps, and David Binkley. Inter-
procedural slicing using dependence graphs. ACM Trans-
actions on Programming Languages and Systems, 12(1):26–
60, January 1990. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic). URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/77608.html.

Mary Jean Harrold and Mary Lou
Sofia. Efficient computation of interprocedural definition-
use chains. ACM Transactions on Programming Lan-
guages and Systems, 16(2):175–
204, March 1994. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic). URL http://www.acm.org/
pubs/toc/Abstracts/0164-0925/174663.html.

Shan Shan Huang and Yannis
Smaragdakis. Morphing: Structurally shaping a class by re-
fecting on others. ACM Transactions on Programming Lan-
guages and Systems, 33(2):6:1–
6:44, January 2011. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Qinheping Hu, Rishabh Singh,
and Loris D’Antoni. Solving program sketches with large
integer values. ACM Transactions on Programming Lan-
guages and Systems, 44(2):
9:1–9:28, June 2022. CODEN ATPSDT. ISSN 0164-
org/doi/10.1145/3532849.

Martin Hirzel, Scott Schneider,
and Bugra Gedik. SPL: an ex-
tensible language for distributed
stream processing. ACM Trans-
actions on Programming Lan-
guages and Systems, 39(1):5:1–
5:??, March 2017. CODEN ATPSDT. ISSN 0164-0925
(print), 1558-4593 (electronic).

Sergiu Hart, Micha Sharir, and
Amir Pnueli. Termination of probabilistic concurrent pro-
gram. ACM Transactions on Programming Languages and
0164-0925 (print), 1558-4593 (electronic).
REFERENCES

Hayden:2014:KEG

Horwitz:1986:GEE

Helsen:2004:PSM

Hudson:1991:IAE
REFERENCES

Haridi:1999:ELV


Hirzel:2007:FOP


Hosoya:2005:RET

Haruo Hosoya, Jérôme Vouillon, and Benjamin C. Pierce. Regular expression types for XML. *ACM Transactions on Programming Languages and Systems*, 27(1):46–90, January 2005. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

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


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).


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

ming Languages and Systems, 1 (2):161–176, October 1979. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


REFERENCES


Jazayeri:1981:SES


Jourdan:2017:SPC


Jagadeesan:1991:FAS


Jacobs:2008:PMC


Joung:1994:CF


Joisha:2012:TTE

REFERENCES

Juan:1998:CVC


Kamin:1983:FDT


Karp:1984:PFF


Katayama:1984:TAG


Katz:1993:SCC


Jakobs:2017:PPF


Kaiser:1989:IDS

Kaufman:1984:TLR


Kandemir:1999:GCO


Keizer:2022:SCC


Kim:2001:ERV


Kennedy:1999:PRE


Khedker:1994:GTB


Kistler:2000:ADM

Thomas Kistler and Michael Franz. Automated data-member layout of heap objects to im-

**Kistler:2003:CPO**


**Knowles:2010:HTC**


**Keen:2004:JFD**


**Kennedy:1998:ADL**


**Karkare:2007:IBC**

REFERENCES


Klein:2006:MCM


Knapp:1990:EFD


Kobayashi:1998:PDF


Kim:2006:ERI


Kozen:1997:KA


Kurlander:1995:EIS


Katzenelson:1992:TMT

Jacob Katzenelson, Shlomit S. Pinter, and Eugen Schenfeld.


REFERENCES

Kruskal:1988:ESM


Knoop:1994:OCM


Kieburtz:1979:CCS


Kieburtz:1983:ARE


Keller:1986:AC


Kennaway:1988:DSC


Kennaway:1989:CDS

Kobayashi:2010:HTS


Knedler:2007:HRA


Knoop:1996:PFE


Kfoury:1993:TRP


Kuperman:2000:ATA


Kalvala:2009:PTU


Kasikci:2015:ACD

REFERENCES

LaLonde:1981:CSC


LaLonde:1983:TCL


LaLonde:1984:TCC


LaLonde:1989:DFD


Lamport:1979:NAP


Lamport:1980:CNA


Lamport:1983:SCP


Lamport:1984:UTI

[Lam84] Leslie Lamport. Using time instead of timeout for fault-tolerant distributed systems. *ACM Transactions on Programming Languages and Systems*, 6
Lamb:1987:ISI


Lamb:1988:CPB


Lamp:1990:WSP


Lamport:1994:TLA


Landwehr:1980:ATS


Larchevêque:1995:OIP


Lahav:2022:WDA

Ori Lahav and Udi Boker. What’s decidable about causally consistent shared memory? *ACM Transactions on Programming Languages and Systems*, 44 (2):8:1–8:55, June 2022. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (elec-
REFERENCES

Lennon-Bertrand:2022:GCI


Ligatti:2017:SRC


Lozano:2019:CRA


Lorch:2022:AAV


Liao:1996:SAD


Lee:2007:DIE

LaLonde:1981:HOP


LeMetayer:1988:AAC


Leeman:1986:FAU


Lee:2009:RFS


Leiss:1990:KME


Leuschel:2004:FIP


Liang:2014:RGB


Lueh:2000:FBR

[LGAT00] Guei-Yuan Lueh, Thomas Gross, and Ali-Reza Adl-Tabatabai. Fusion-based register allocation. ACM Transactions on
REFERENCES


Lycklama:1991:FCF

Lindstrom:1979:BGC


Lhotak:2008:RAB

Lin:1993:PIA


Liu:2019:RIP

Lin:1993:PIA


Liu:1999:SVF


Liu:1999:SVF

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Volume and Issue</th>
<th>Year</th>
<th>Pages</th>
<th>Journal</th>
<th>CODEN</th>
<th>ISSN (print)</th>
<th>ISSN (electronic)</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES

Levanoni:2006:FRC


Leung:2001:STC


Lieberherr:2004:TOS


Lim:2013:TSG


Lepigre:2019:PSC


Luckham:1979:VAR


Leverett:1980:CSD


Lindstrom:1981:RRB

Gary Lindstrom and Mary Lou Sofka. Referencing and retention in block-structured coroutines. *ACM Transactions on Programming Languages and Systems*, 3
REFERENCES

Liskov:1983:GAL


Lamport:1984:HLC


Lang:1998:SAE


Levi:2003:MSA


Li:2004:ATI


Liquori:2008:FME


Liu:2009:DRE


Liu:2005:OAA

Yanhong A. Liu, Scott D. Stoller, Ning Li, and Tom...

Lampot: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


Lengauer:1979:FAF


Li:2020:PAS


LeCharlier:1994:EEG

Baudouin Le Charlier and Pascal Van Hentenryck. Experimen-

Lobo-Vesga:2021:PLD


Lipton:1983:VLP


Leivent:1993:MFT


Liskov:1994:BNS


Liu:2021:ICU


Lee:1998:PAF

REFERENCES


Li:2022:FGS


Mallgren:1982:FSG


Merlin:1983:CSS


Millstein:2004:MTH


Morris:2009:TTN


Misra:1982:DGA

REFERENCES


Mirani:2004:FCM

Merro:2006:BBS

Milne:1985:CRC

Minsky:1984:SLC


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)

(Mohan:1981:TCF)

(Moitra:1983:TCA)

(Monniaux:2008:PVF)

(Morgan:1988:SS)

(Moller:2007:SVX)

(Muller-Olm:2007:AMA)
REFERENCES


REFERENCES


REFERENCES

Morris:2008:DNF


Moret:1980:AVR


Matsushita:2021:RCB


Muller:1992:MLR


Muller:2021:ISS

REFERENCES


REFERENCES


[Nguyen] Thi Viet Nga Nguyen and François Irigoin. Efficient and effective array bound checking. *ACM Transactions on Programming Languages and Systems,*
REFERENCES


REFERENCES


REFERENCES

(151)


Ohori:2007:PTM


Ogasawara:2006:EED


Owicki:1982:PLP


Oh:2016:SXS


Odersky:2004:GE


Oppen:1980:P


Ossefort:1983:CPC


O’Hearn:2009:SIH

Peter W. O’Hearn, Hongseok Yang, and John C. Reynolds. Separation and information hiding. ACM Transactions on Programming Languages and Systems, 31(3):11:1–11:50, April 2009. CODEN ATPSDT. ISSN


[Par97] Keshav Pingali and Gianfranco Bilardi. Optimal control depen-
REFERENCES


Paz:2007:EFC


Porter:2015:PFG


Park:1985:NAL


Pera:2021:LFR


Pemberton:1983:TCT

Steven Pemberton. Technical correspondence: On Tanen-

Perrott:1979:LAV


[Per79]

Perry:1990:GEI


[Per90]

Peterson:1982:UAC

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.

[Pet82]

Peterson:1983:CRW


[Pet83a]

Peterson:1983:NSL


[Pet83b]

Proebsting:1996:DDR


[PF96]

Pratikakis:2011:LPS

Polyvios Pratikakis, Jeffrey S. Foster, and Michael Hicks. LOCKSMITH: Practical static

**Patrignani:2021:RSC**


**Poletto:1999:CTL**


**Paek:2002:EPA**


**Pip97**


**Piquer:1996:IDG**


**Pai:1980:GCR**

REFERENCES

Paige:1982:FDC


Pearce:2007:EFS


Park:2004:ORC


Payet:2006:NIL


Pingali:2009:RTP


Palsberg:1995:TSE


Peng:1991:DF


Pinter:1994:POP

[PP94] Shlomit S. Pinter and Ron Y. Pinter. Program optimization and parallelization using idioms. *ACM Transactions on Programming Languages and Systems*,
REFERENCES


REFERENCES


REFERENCES


Pugh:1994:SAU


Pugh:1998:CBA


Palsberg:1995:EIA


Palsberg:2005:ADC


Qian:1995:CR


Qian:2000:SFI

Zhenyu Qian. Standard fix-point iteration for Java byte-
REFERENCES


Rao:1994:RAP

Reiter:1994:HSR

Ramsey:2003:TAB

Rogers:1995:SDD

Richardson:1993:DPL

Reps:1987:SSE

Rinard:1997:CAN
References


Rinard:2003:ESB


Rossberg:2013:MMM


Rong:2008:RAS


Reiss:1983:GCS


Rem:1981:APN


Reps:1986:GEI


Reps:1998:MMT

Reps:2000:UCS


Ramsey:1997:SRM


Rosenkrantz:1987:EAA


Rhiger:2003:FEL


Richter:1985:NSE


Roychoudhury:2004:UFT


Renganarayanan:2012:PLT

REFERENCES


Rugina:2003:PAS  

Rugina:2005:SBA  

Rosa:2019:AOT  

Rinetzky:2008:CPF  

Ramanath:1984:JML  

Reif:1984:RTS  

Raja:1997:CFC  


REFERENCES


[Shao:2000:ESS]


[Sager:1986:SPC]


[Sagiv:2007:ISE]


[Sands:1996:TCL]


[Sagiv:2007:ISE]


Spoto:2019:SII


Shi:2022:TCP


Schwartz:1980:U


Schneider:1982:SDP


Schmidt:1985:DGV


Skorstengaard:2020:RAM


Swalens:2021:CCC

REFERENCES


REFERENCES


Sipala:1982:CSB


Sites:1979:CLI


Spoto:2003:CAA


Scott:2006:RNG


Smans:2012:IDF


Schwanke:1988:SR


Sangiorgi:2011:EBH


Skudlarek:1995:NMI


Fausto Spoto, Fred Mesnard, and Étienne Payet. A termination analyzer for Java bytecode based on path-length. *ACM Transactions on Programming Languages and Systems*, 32(3):
REFERENCES

Stork:2014:APB


Sokolowski:1987:SHL


Sorkin:1989:TCS


Solworth:1992:E


Sonnenschein:1987:GTS


Soundararajan:1984:ASC


Sansom:1997:FBP

Patrick M. Sansom and Simon L. Peyton Jones. Formally based


Sagiv:2002:PSA


Soisalon-Soininen:1982:IEE


Schlichting:1984:UMP


Shasha:1988:ECE


Skeppstedt:1996:UDA


Sagonas:1998:AMT


Schulte:2005:WDB


Stuckey:2005:TO


Schulte:2008:ECP


Schulte:2009:EEC


Staiger-Stohr:2013:PIA


Snyers:2009:CPC

Jon Sneyers, Tom Schrijvers, and Bart Demoen. The computational power and complexity of constraint handling rules. ACM Transactions on Programming Languages and Systems, 31(2):8:1–8:42, February 2009. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Schonberg:1981:ATS


Sippu:1983:SEH


Snelting:2000:UCH

Gregor Snelting and Frank Tip. Understanding class hierarchies using concept anal-
Sperber:2000:GLP


Steimann:2018:CBR


Steimann:2022:CPS


Stone:2004:EOL


Saha:2003:IAQ


Shao:2005:TSC


Smith:1996:PTV

REFERENCES

179


(SYN06) Toshio Suganuma, Toshiaki Yasue, and Toshio Nakatani. A

Seo:2007:GDW


Swinehart:1986:SVC


Sanan:2021:CCT


Terauchi:2008:WSE


Tanenbaum:1983:TCT

REFERENCES


(TFK+11) Frank Tip, Robert M. Fuhrer, Adam Kiežun, Michael D. Ernst, Ittai Balaban, and Bjorn De Sutter. Refactoring using type constraints. *ACM Transactions on Programming Languages and


REFERENCES


REFERENCES

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

**Tip:2002:PET**


**Tang:2000:PTR**


**Turcini:1984:MLO**


**Turchin:1986:CS**


**Thies:2007:STU**


**Tanenbaum:1982:UPO**


**Thatcher:1982:DTS**

REFERENCES


[vanden88] Jan van den Bos. Abstract interaction tools: a language for user
interface management systems. 


** VanderZanden:1996:CIA **

186


** VanderZanden:1996:IAS **


** Vansummeren:2006:TIU **


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

** Vera:2004:FAF **


** Venkatesh:1995:ERD **


** VanRoy:1997:MOD **

REFERENCES

vonHanxleden:2000:BCP

VanDenBrand:2002:CLD

VanderZanden:2001:LLA

Verdoolaege:2012:ECS

Vasconcelos:2022:TDM

Volpano:1991:TCS
vandenBos:1981:PCB
[188]

VanHentenryck:1995:BTC
[191]

Vakar:2022:CCH
[195]

VonBank:1994:UMP
[199]

VanNieuwpoort:2010:SHL
[203]

Waddle:1990:PTC
[207]

Wallis:1980:ERO
[211]
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:1991:ESD


[Wand:1982:DTC]


[Waters:1983:UFC]


[Waters:1994:CBP]


[Wright:1997:PST]

Walker:2000:TMM


Webber:1995:OFP


Wileden:1990:CEO


[WCW91]


Weihl:1990:LSA


Wetherell:1982:EDV

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

Weyuker:1983:ATD


Wagner:1998:EFI


Widom:1993:CTB


Whalley:1994:AIC


Williams:1982:DAF


Williams:1982:FNS

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


Winner:1984:UO


Wing:1987:WLI


Wirth:1988:TE


Wellings:2000:IOO


**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-


Wehr:2011:JIT


Wu:2004:ETC


Wu:1995:WCC


Yemini:1985:MVE

[YB85] Shaula Yemini and Daniel M. Berry. A modular verifiable


REFERENCES


REFERENCES


Yahav:2010:VSP


Yang:2002:EEB


Yang:2022:DDZ


Zave:1985:DAF


Zhao:2007:FFS


Zhang:2005:CPT


Zhou:1996:PPC

Neng-Fa Zhou. Parameter passing and control stack management in Prolog implementation revisited. *ACM Transactions on Programming Languages and Systems*, 18(6):752–
REFERENCES


Zhou:2022:RIR