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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/

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**Title word cross-reference**  

(k) [ADGM91, BL94b, KM81]. 2 [Dam03]. 3

[SRW02], + [Han81a], $T^M$ [Bla03].$^{5ex/}$  
[AW82], [[DDDCG02], $A$ [DES12], $R$  
[JMSY92], $R_{Lin}$ [VR95]. $\ell$ [ADG+94].  
$O(nn)$ [Pet82]. $\phi$ [CF95, DR05]. $\pi$ [ABL03].
Abstract [BGL93, BK11, CMB95, CFG97, DRR16, GHH13, GS98, HL82, JPP91, KR18, Lan80, L94, LV94, LM18, Loe87, MSJ94, MP88, SS98, She91, Wei89, van88, ABS09, BDL08, Bir85, Le88, ACS98, BDL08, BdlBH99, Leu04, ML90, SYYH97, SJ03].

Adding [ACW90, BN94]. Algorithmic [AB81, Bak82, BB79, BAC16, BP82, DSW82, Dha90, DP93, GHS83, Hua90, Hu91, JCC19, LV94, LY98, Lei90, LT79, J01, MM82, MC82a, Pet82, SH89, TB98, Wis97, BKR98, BHH99, DR05, DVD07, JNN06, Van96a, Van96b, Han81b, BKR05].

Abstract [BGL93, BK11, CMB95, CFG97, DRR16, GHH13, GS98, HL82, JPP91, KR18, Lan80, L94, LV94, LM18, Loe87, MSJ94, MP88, SS98, She91, Wei89, van88, ABS09, BDL08, Bir85, Le88, ACS98, BDL08, BdlBH99, Leu04, ML90, SYYH97, SJ03].

Accuracy [ACW90, BN94]. Algorithmic [AB81, Bak82, BB79, BAC16, BP82, DSW82, Dha90, DP93, GHS83, Hua90, Hu91, JCC19, LV94, LY98, Lei90, LT79, J01, MM82, MC82a, Pet82, SH89, TB98, Wis97, BKR98, BHH99, DR05, DVD07, JNN06, Van96a, Van96b, Han81b, BKR05].

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aware [MQ05]. Axiomatic [AR80, App94a, Boe85, Sou84, YB87, YB88, LP80]. Axioms [Mis86].


[DAS98]. Compression
[BMW91, CSCM00, DKV07].
Computability [HMS06]. Computable
[PK82]. Computation [AC94, BOV85, DP82, H594, LST98, PB97, AB59, AE01, DR05, LK02, SWU10, SGL97, Hal85].
computational [ATD08, SSD09].
Computations [DW89, MC82b, VSS94, YS91, LSLR05, Mon08, YF98]. Computer
[HCHP92, Wol92]. Computer-Assisted
[HCHP92]. Computers [Fis80, LK02]. Computing
[ANP89, CFR91, CF95, KM81, HVB99, MMG00]. Concept
[Tur86, ST00a]. Concepts
[Eug07]. Concerning [Sha82]. Concrete [Bar81].
Concurrency [BG89a, Lam90, SDD21, Wei89, BCF04, Mil85, TA08a, CPS93].
Concurrent [BC91, Car95, CIJGP18, Cla80, CES86, CPS93, CFM94, DGMP97, FT94, Hal85, HSP83, HW90, Her93, JTM98, Kar84, Lam83, LFF14, MSM16, OL82, Pet83a, Pet83b, RY88, Sku95, SNS14, AE98, AE01, AAE04, BBYG05, BGP99, CSW06, JPS08, RS97, SRM10, YS10].
Concurrent-by-Default [SNS14].
Concurrent-Program [FT94].
Condensation [JTM98]. Condition
[HW90]. Conditional
[Boy96, WZ91, Dam03]. Conditioning
[OGJ18]. conditions [KWL09].
Conference [Wol92]. confined [GPV07].
Conflict [Cas95]. Conjecture
[KPS92, Sag86]. Conjoining [AL95].
conservative [Hai05]. considered [Gor04].
Consistent [XBO520]. Constant
[CIJGP18, CGG19, Coh91, WZ91, Wir91].
Constrained
[BG89a, DAW88, PS96, Zic94, LPP01].
Constraint
[Bor81, DGMP97, DDV99, HLH19, NSTD15, Pal95, PW98, Ste18, Apt00, BMR01, DPPR00, FH04, GHB96, HPMS00, SS08, SS09, SP07, SSD09, dHB96].
Constraint-Based
[PW98, Ste18, DDV99, SP07].
Constraint-Oriented [Bor81].
Constraint-Solving [NSTD15].
Constraints
[AKP94, DFR15, HG83, Mye90, BA08, RM10, TFK11, Van96b, VH10, Van96a].
Construct [Ans87, BS83, Kat93].
Construction [ADGM91, HIT97, LaL81, BM83, RH87, SL92, CMS03, GC01].
Constructive [Loc87]. Constructs
[AR84, DJP16, Par90]. Context
[GHR80, LTMS20, LWR21, Ode93, Pad19, PK80, Ram00, RTD83, Rep00].
Context-Dependent [Ode93, RTD83].
Context-Free [GHR80, Pad19].
Context-sensitive [Ram00, Rep00].
Context-Unbounded [LWR21]. Contexts
[Ode93]. Continuation [BDM15, Wan82].
Continuation-Passing [BDM15].
Continuations [BDM15, HF87].
Continuous [KF03]. contract [DF11].
Contracts [SIG17, SDF13, CGP09].
Contravariance [Cas95]. Control
Controlling [BALP06, LaL81, LMD98].
Conventional [AF84]. Convergence [Bar85].
Conversion [CS87, SW97b, SA00, YK97].
Cooperating [GLR53, NOS97].
Cooperation [BK88]. Coordinating
[J94]. Coordination [GLR83]. copying
[TSR08]. core [IPW01]. Coroutine
[Sam80]. Coroutines [LS81, D09]. Correct
[DGMP97, Hen86, JP17, SSS8, AAD07].
Correction [FA93]. Correctness
[Apt86, CM86b, FR90, Gom92, HW90, Lam79, Lam80, ML21, Oss83, San96].
correlated [YS99]. Correspondence
[BS88, Bur90b, Bur91, Coh91, CM93, DS88, E182, FA93, Fra81, Hen83, LaL83, LaL84, Moh81, Moin83, MS88, NN86, Par90, Pem83,
Sor89, SM82, Tan83, Tic88, Vol91, WST85, Wir91, YB88. Corrigenda [WCW91].

Corrigendum [Ano18, BKRW05, DF81, Fra80a, K89, Lam80, Pur91, QG95, TGT20, Van96a, Wal81, WGS93].

Cost [AB81, Bac84, DL93, Hai98, Han81a, ZGZ05, VALG05].

Cost-optimal [Hai98].

Costs [GMP +00].

Counting [Bal94, LP06].

Counts [Bob80, Wis79].

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 [BG98b, PBK +07].

Cycles [FRW90].

Cyclic [RY88].

D. [Bur91].

Data [AMT14, ANP89, AM85, Bac84, BC85b, BL87, Bur90a, Cha93, CS87, Deb89, DP93, DD85, Ell82, EO80, FL81, GMH81, GEGP17, H82, Her93, Hes88, Hol87, Jen97, JDC91, KH92, Kam83, KZC15, KK98, KKD94, LaL9, LO94, LN02, Loe87, Mal82, MMR95, MCT96, PP91, QG95, RC91, RP98, SSS81, Sku95, SGL98, SM81, TWW82, WL85, Wei89, Wei90, Wet82, Wey83, CFP +04, DHH +12, DGS97, HBJ98, KBC +99, KF00, LK02, Rep00, SP07, VALG05, YUW02, ZGZ05, Pur91].

data-centric [DHH +12].

Data-Driven [BL87, CS87, JDC91].

Data-Flow [BC85b, Bur90a, Wey82, RP88, KBC +99].

data-independence [Rep00].

Data-member [KF00].

Data-Parallel [Cha93, HBJ98].

Database [Bar85, CB80].

Databases [SR21].

Dataflow [Deb95, DFR15, MB94, SS13, SS96, Van96a, Van96b, VHM +01].

data-log [LS09, ZSS20].

Datatypes [MBC04].

Deadlock [CHMY19, Hua90, Kob98].

Deadlock-Free [Kob98].

Deadlocks [FJK +17].

Debugging [CM91, CM93, Cop94, Hen82, WST85, ZS20].

Deciding [GGL15].

Decision [MTG80, NO79].

decisions [MTSS09].

Declarative

Definition

Delay [BG98b].

Delayed [KKF95, P03].

Delayed-Load [KPF95].

Deleting [GP81].

Delimited [BM15].

Demand [FPS19, GSW95, PA85, PA86a, PA86b, PF96, SR95, DGS97].

Demand-Driven [GSS95, PA85, PA86a, PA86b, FPS95, PF96, DGS97].

Denali [JNZ06].

Denotational [AB94, FA93, Gud92, MSJ94, NF89, Nie85, Sch85, dBB85].

Dependence [BGH +13, CFR +91, FOW87, HBG +09, HRB90, ML21, PB97, PW98, Wol94, RAB +07].

Dependence-based [ML21].

Dependences [PF94].

Dependencies [Deb95, CSS99].

Dependency [Blu99].

Dependent [LS80, Miq19, NGB13, Ode93, RTD83, Rob79].

dequues [Chi95].

DeRemer [Sag86].

Derivation [BKB80, Cat80, DSW82, Gie83, HIT97, Kna90, TM93, An02a].

Describing [Wan82, Bou06].

Description [AW85].

Descriptions [Boe85, BKL +97, Cat80, An02a].

Descriptors [Hol87].

Design [BPP16, BCD +15, BO94, DF80, DF81, FT94].
HM84, KKM90, LDM07, ML80, RCS93, RL98, SYK+95, Bou05, MTSS09, CMLC06. design-pattern-based [MTSS09].

Designing [LaL89, ALZ03]. Designs [AW85]. destructive [SRW98]. Detect [ISY88]. Detecting [GSW95, HCS10, Sch85]. Detection [CM86a, Hua90, MC82a, MC82b, TM93, AFF06, HDH02, PFH11, PCJD08, XA07].


Distance [Wo94, ZSD09]. distribute [CRN+08]. Distributed [ABL93, AF84, APT86, AW85, BKS88, BCEM15, Bur84, CJK95, CM86a, CBDGF95, CS95, DAW88, Dug99, FLBB89, Fra80b, GHS83, HSG17, Hua90, HM84, Jon94, KAT93, KK98, KR84, KKK90, Lam84, LS83, MC82a, RCRH95, SS84, Sch82, TM93, TCP+17, Zav85, ABL03, FM87a, HVB+99, KGMO04, LK02, MDJ05, Piq96, Fra80a, Moh81, VHB+97].

Distributed-Memory [KK98, RCRH95]. div [Bou92]. Divergence [SDSCP13]. DJ [DR05, SGL96, SGL98, UM02]. DJ-graphs [UM02]. DLLs [Dug02]. do [SS05a].

Documentation [MH86]. does [DMP96]. dolce [MP10a]. Domain [LM18, Tra08, RM07, SS05a]. Domains [CMB+95, ELS+14, GS08, FH04, GLMM05].

dominance [Ano02b, DVD07]. dominator [SGL97]. Dominators [LT79, Ano02b, BKR98, BKRW05]. Don’t [AKNP17].

Drift [CM84, SS88]. Drive [PK80]. Driven [BL87, CS87, GF85, GSW95, JCO19, PA85, PA86a, PA86b, TGT18, YBL16, DGS97, FPS19, PF96, TGT20, YMW97]. Dually [MT08]. Dummy [Lam88]. During [BKB80].

Dynamic [ACPP91, AGT89, AS17, BB79, BDM15, Bre89, CCG+19, CHMY91, CTT07, DS98, Dug99, HSS+14, HO05, Kuu98, KR79, RCRH95, Ven95, W08, dBB85, ACE96, B12, CEI07, DDDG02, GZ07, MMM+07, PHEK99, SJP12, SH+07, SYK+05, SYN06, WKD04, ZG05].

eager [FKW00]. Earley [Lei90]. Early [AB81]. ECCS [CDFP89]. Edge [DP93].

Editing [FL81, HT86, Nix85]. Editor [FM87b, DeM83, Mye18, Per90, Rep86, Wol92]. Editorial [AP07, App93, AG93, AF94, MP07, Mye19, Pal11a, Pal11b, Pal12, Pal13, Pal15, FP02, OP04].

Editors [DMM88, MM89, RTD83, Wat94]. EDO [OKN06]. effect [RLS+01]. Effective [BS83, Col84, JB20, KK06, NI05, PE08, WJ98, YUW02]. Effectiveness [BD1BH99, SH89]. Effects [Boe85, SV20, TA08b]. Efficient [AKBLN89, ADGM91, BB79, BGH+13, Bre89, Cam89, CS95, DP82, DMM88, GZ05, GZ07, GLR83, GO88, GSO94, HVB+99, HS94, HSS+14, HIT97, JSP81, Jon90, KKM90, KRS88, KPF95, MV+01, MM82, NB99, NI05, PH02, PX19, PKH07, PA85, PA86b, RH87, SS08, SA00, SS88, TN19, WG98, YUW02, BCP05, GB99, KSV96].
LPS004, LS09, PBK+07, TP04, VWJB10, YF98, PA86a, SS09. Efficiently
[Bal94, CFR+91, CF95]. Eiffel [ACE96].

elaboration [KR01]. Election [Hua93].

Elimination [BT93, Cob83, Cob85, RD03].

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

Elimination-Based [SGL98]. embedded
[BCP08, CSCM00, HK07, Rhi03, SRM10, TP04, ZP10]. Embedding [HF87].

Empirical [BHK07, BDH+16].

Empowering [JSB+12]. Emulator [ML80].

Enabled [ADG+94]. Encapsulating [GPV07]. Encapsulation
[ADG+94, LH91, ABHI11].

Encoding [Hob84, GZ05, ZP07].

Encodings
[BC79]. End
[BDP14, CSCM00].

equality
[FMoPS11]. Equality
[Pal98].

Equalities
[CP95].

Family
[CP95].

Equations
[HSH15, Wir91, ADG+94].

Expanded
[LS98].

Expanding
[LS98].

Expressive
[MFRW09].

Extended
[CBMO19, KGMO04].

Extending
[CEW14, CMS03, MSRR00, MK94].

Extension
[Bur90b, Cob91, WSH15, Wir91,
ALZ03, KKN06, LS08. Extensions [Wir88].
Extent [MF88]. External [Wai80, Wai81].
Extracting [GP95]. extraction [TSL97].
extrapolation [WM12]. Extrema [Pet82].

F [MWCG99]. Facets [ASF17]. factoring
[DRSS96]. Failure
[BN99, Dar90, GH919, Kar84].
Failure-Free [Kar84]. Fair [BN94, PR07].
Fairness [ES97, OA88, TB95, AH98].
Families [La89]. Fashioned [AL94]. Fast
[ADR96, DAS98, FMPS11, HVDH07, LT79,
SR95, DR05, PE08, TP04, VBLG04,
DVL015]. Faster [CGG19]. Fault
[CS95, Lam84, LJ99, AAE04].

Fault-Tolerance [LJ99]. Fault-Tolerant
[CS95, Lam84, AAE04, FD] [GLM95].

FeatherTrait [LS08]. Featherweight
[IPW01, LST92, LS08]. Feature
[ASAVF19, AH10]. Feature-Specific
[ASAVF19]. Feeding [PA86a], Fence
[AKN17]. Fickle [DDDGC92, AAD97].
field [PKH07]. field-sensitive [PKH07].
fields [PZJ95]. FIFO [FB89]. Final
[Kam83]. Finding [KRS84, KKM90, LT79].
Fine [PBR15, DNS96]. Fine-Grained
[PBR15, DNS96]. fingerprinting
[CTT97]. Finitary [AH98]. Finite
[ACW90, BLH92, CES96, GC86, PK92,
PP91, Pur91, RSL10, Zav85]. Finite-State
[ACW90, BLH92, CES96].

Finite-State-Machine [Zav85]. First
[ADG94, Bre89, DP97, HKMN94, Han92,
JPP91, JS94, LH91, MH04, SDF13].
First-Class
[HKMN94, Han92, SDF13, MH04].
First-Come-First-Served [LH91].
First-Enabled [ADG94]. First-Fit
[Bre89]. First-In [ADG94]. First-Order
[DP97, JPP91, JS94]. Fit [Bre89]. Fixed
[SS98]. Fixed-Order [SS98]. Fixpoint
[AC94, Qia00]. Flexible
[AD98, Hud91, MSM16, WG98, Wil82b,
dJKVS12, IV06, KGM90]. Floating
[CK94, Fat82, SBB919, Hau96, Mon08].

Floating-Point
[CK94, Fat82, SBB919, Hau96, Mon08]. flop
[MMG00]. Flow [AR80, AD98, ASF17,
Bac84, BC85b, Bur90a, DP97, DP93,
FJKA06, Hor97, KD94, MRR95, NGB13,
PO95, PP91, PBR95, Pur91, Set83, SGL98,
SS13, Wet82, DGS97, HRO97, KBC99,
Pal98, PS03, RRSY08, RP88, T207, WJ98].
Flow-InSensitive [Hor97, FJKA06].
Flowback [CMN91]. Flowgraph [LT79].
Floows [Kna90]. Floyd [Yin11]. Fold
[CF95, BA84, LP06, PBK97, URJ18]. fold
[KRRO04]. Folklore [LY98]. Font [FK95].

Foo [FA93]. foreign [FF08]. Foreword
[Mye17, Mye18]. Form
[AK87, BOV85, BM94, CFR91, GSW95,
Pal95, GP08, KCL99]. Forma
[ZGC97]. Formal [BS86, BD14, CB86,
CD79, Fid93, Gie83, HIT97, Kna90, Lee86,
Mal82, MH86, Sha82, WP10]. Formalisms
[PCC95]. Formalization [PPP16].

Formally [SP97]. Format [Wat83]. Forms
[DS83]. formulas [RL10], formulations
[RS97]. Fortran [AK87, DP99].

Foundation
[KRR18, Ban11, RAB97, Rho03].
foundational [AM01]. Foundations
[GTWA14, LW93, AAR91]. Fractal
[MMP03]. fractional [Boy10]. frames
[SJP12]. Framework [BGL93, Gie83, JW17,
KRR18, NSZ93, NSTD15, OHL94,
SL98, T490, ATD98, DGS97, GMM99,
GZ06, GC01, Leu80, PS08, RKRR04, TP04,
VBLG04, XA07, ZGC97, ZP10, vHK90].

Frameworks [MMR95, KK97]. Framing
[BBN18]. Francez [Fra81, Moh81, MOL83].
Free [AP94, GEG97, GHR90, Her91,
Kar84, Koh98, Pad91, JID98, KSV96].

freedom [KS10]. frontiers [Ano92b]. full
[GB99]. Fully [JPP91]. function
[DR05, FF98]. Functional
[AFV98, Ban87, Blo94, Bou85, Bur84,
DW89, FL91, ISY88, JPP91, WM95, Web95].
Wil82a, ABH06, Bou06, DWWW08, DF98, PS08, San96, SP97. **Functions** [AKP94, AK82, Bou92, PB80, SM89, Lee09, MBC04, MB99, MT08, PPT08]. **Further** [CM93]. **Fusion** [JB20, LGAT00]. **Fusion-based** [LGAT00].

G. [Tie88]. **Garbage** [BA84, CN83, DS82, ISY88, JCCM19, TM93, URJ18, WLBF16, Wis79, BBY89+5, BALP06, HDH02, LP06, Piq96, TSBR08]. **Garbage** [BA84, CN83, DS82, ISY88, JCCM19, TM93, URJ18, WLBF16, Wis79, BBY89+5, BALP06, HDH02, LP06, Piq96, TSBR08].

**General** [BGL93, CHMY19, HSS+14]. **General-Purpose** [HSS+14]. **Generalization** [Nel89, LMD98]. **Generalized** [Ans87, BS83, GKM20, KD94, Lin79]. **Generalizing** [DB85]. **Generals** [LSP82].

**Generation** [AGT89, AS80, BOV85, BM94, DS83, DS08, GF85, GVC15, HKR92, HKR94, Pro95, Rei83, Rob79, She91, ST00b, UJ92, DAS98, MSRR00, PHEK99]. **Generative** [Ge85]. **Generator** [PPS79]. **Generators** [Cat80, GHK81]. **Generic** [LV94, DDM11]. **generics** [IV06].

**Geometry** [CR87]. **Geoffre** [NN86]. **GJ** [IPW01]. **Glanville** [MSRR00]. **Global** [Bac84, Dha91, GH86*9, OHL+14, PK80, PS92, Sch85, dHB+96, CS04, KBC+99, DS88, Sor89]. **GLR** [SJ06]. **Goal** [Dar90, Guo92, SYY90]. **Goal-Directed** [Gud92, SYY90]. **Goal-Oriented** [Dar90].

**Goto** [CF94]. **GPU** [BCD+15]. **Gradual** [TGT18, TGT20]. **Graham** [MSRR00]. **Graham-Glanville** [MSRR00].

**Grammar** [CL84]. **Grammars** [BS88, Jou90, Kat84, LaLS1, RD87, RH87, Tai79, WW95, Boy96, CP96, Wu04]. **Grammatic** [Th04]. **Grammars** [BB94, MK94]. **Granularity** [RRB19].

**Graph** [Ass80, Bee94, BCT94, CFR+91, FOW87, KKS94, KLS92, MC82a, Son87, CT07, GC01]. **graph-based** [CT07]. **Graphic** [Ma82]. **graphical** [VHM+01].

**Graphs** [GKM20, HRB90, KPS92, Kna90, SGL98, DR05, JC97, KSK07, SGL96, UM02]. **grid** [VWJB10]. **Grimmer** [An08].

**groundness** [CSS99]. **Grover** [BH99]. **growth** [BALP06]. **Guarantee** [GEGP17, LFF14, HQT10]. **guarantees** [LS09]. **guard** [MP07]. **guarded** [SP07]. **Guards** [LS83]. **Guest** [FP02, OP04, DeM83, Per90, Rep86, Wol92].

**Guide** [App94a, BDH+16]. **Guided** [OLH+16], **guiding** [VALG05].

**Hackers** [App94a]. **Hancock** [CFP+04]. **handle** [VJB12]. **Handling** [Hau96, Lr81, Piq96, SSS83, UM02, YB85, YB88, CRN+08, LS98, LP06, SS09, Hen83]. **Hard** [Hor97]. **Hardware** [BKL+97, Mis86].

**harmful** [Gor04]. **Hashing** [PB80, Duc08]. **Haskell** [GRSK+11, HHPW96]. **Heap** [KSK07, BALP06, KFP0, YS10].

**heap-manipulating** [YS10]. **Heavily** [BG89a]. **Hennessy** [CM93, WST85].

**Herding** [AMT14]. **Heuristic** [SL92]. **hiding** [LN02, OYR09]. **hierarchic** [AG04]. **Hierarchical** [BA99, CP95, CD79, AV01, CP96].

**hierarchically** [MBC04]. **hierarchies** [ST00a, Van96a, Van96b]. **hierarchy** [KF00].

**High** [Cam89, Fat82, MSM+16, URJ18, CMS03, VWHB10]. **High-Level** [Cam89, Fat82, CMS03, VWHB10].

**High-Performance** [URJ18]. **Higher** [AC94, AD98, CJK95, DHP+16, FPS19, SV19, BBTS07, DFI11, SKS11, SP97].

**Higher-Order** [AC94, AD98, CJK95, DHP+16, FPS19, SV19, BBTS07, DFI11, SKS11, SP97]. **Highly** [Her93, Skn95]. **Hoare** [Apt81, GS81, LS84, Sks87, 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 [FLBB89].
Idioms [PP94]. IDL [Lam87]. IEEE [Fat82]. Ignorance [GNS*+15].
Illustrative [Oss83]. Impact [BHM*+19, OLH*+16, CKT86]. Imperative [AB20, ABPS98, DFR15, Gro06].
Implemented [BBF*+11, BFGT08, DF98]. Implemented [DB85]. Implementing [BR97, Her93, HW82, Sku95].
Implications [Fat82]. Implicit [BH05b, SJP12]. Implicit-signal [BH05b]. improve [KF00].
Improved [GHR80, Mun91, KK07]. Improvement [MS83, San96]. improvements [BCT94]. Improving [CK94, CB*+95, MCT96, TCP*+17, WS97].
impure [Pip97]. Incomplete [MRGP20, GLMM05]. Incremental [Bur90a, CP95, DMM88, GM79, HKR92, HR94, HPMS00, Hud91, Kai95, Lar95, LST98, LHR19, PS92, RTDS83, RP88, SGL97, WG98, YS91, BYBG*+05, CP96, Van96a, Van96b]. Incrementally [QL91].
Independence [DHM00, Rep00].
Independent [ML80, Mul92]. Index [Ano86a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano94, Ano95, Ano98]. indexed [AM01]. indices [RR05]. Indirect [Piq96, CEG07, YK97]. Induction [GSW95, Sit79]. inefficiencies [MMM*+07].
Inessential [SS82, LaL84]. Inference [CEW14, Deb89, Hen93, LO94, LY98, MRGP20, Pad19, SR21, TB98, Wey83, FFLQ08, JB06, PM06, PT00, PS03, Van06].
Inferring [FNBG20]. Influence [FTJ95].
Information [AR80, Ano82, Ano83, Ano84, Ano85, Ano86b, Ano87, Ano88b, Ano89b, Ano90b, Ano91b, Ano92b, Asf17, BC85b, HR02, NGB13, PBR*+15, PS03, GS99, HY07, LN02, OYR09, TZ07]. Information-Flow [BC85b, TZ07]. infrastructure [SWU10].
Inputs [PA86a]. Insensitive [Hor97, FJKA06]. Insertion [AKNP17, GJ05]. inscription [CF04, FG03].
Instantiation [Der85]. Instead [Lam84, Rem81]. Instruction [KPF95, LCBS19]. Instructions [LS80, PS93, RF97, Rob79, LPP01]. Integer [BAGM12, BEF*+16, FNBG20, BGP99].
Integrated [SS13]. Integrating [HPR89, WJS*+00]. Integration [CO90, Leu04]. Intensational [STS03].
Interfaces [DS90, Mye90, TLHL11, WT11]. Interferences [FTJ95]. Interfering [Jon83]. Intermediate [Lam87, Pem83, TvS82]. Internal [Han81a].
International [Wol92]. Interoperability [Ano18, GS8*+18]. interoperable [BFGT08].
Interpretation [BGL93, CFG*+97, DLR16, KRR18, LV94, SJ03]. Interpretations [BGL93, CFG*+97, DLR16].
Interpretative [BGL93, CFG*+97, DLR16].
Interpreters [LYR13, CEG07]. Interprocedural [Bur90a, BT93, DP97].
HAM+05, HS94, HBCC99, HRB90, LWR21, ML21, NR06, SH89, CKT86, DV07, DGS97, FMOs11, JLRS10, KK07, RLS+01.

Interprocess [RS84b]. Interprocessor [Ang89]. Intersection [Dan03]. Intertask [FY85]. Interval [Bur90a, GSP84, FH04].

Interval-Based [Bur90a]. Introduction [Ahm20, DMR83, HC82, Per90, Rep86, Sag07, Wol92]. Invariant [BK80].

Invariants [Clu80, GEGP17]. Irreducible [Hav97, UM02]. irregular [YF98]. Irrelevant [GP81]. Iso [LB17].


Iterated [GA96]. Iteration [Cam89, MOSS96, GS11, JLF02, Qia00]. Iterative [Ans78, Par90, DR05, JNC10, LS04].

Jade [RL98]. Jam [ALZ03]. Java [AFF06, ALZ03, AAD+07, BH05a, Bla03, BALP06, CGS+03, CMS03, CSMC00, FFLQ08, FM99, GFP08, IPW01, KKN06, KGM00, KN06, KR01, LST02, LP06, LS08, Loc13, MVV+01, MME+10, MFRW09, MGO01, NR06, OKNO6, Qia00, RR19, SLC03, SMP10, SBE+19, SA99, SYK+05, TN19, TSL+02, WR08]. Java-like [KN06].

JavaCOP [MME+10]. JavaGI [WT11].


Knot [MC82a]. knowledge [GLM05].

labels [Sto04]. Laboratory [Bor81]. LaLonde [Hua83, LaL83]. LALR [DP82, KM81, PCC85]. Lambda [Geo84, Gom92, NN86, PS08]. Laminar [PBR+15]. Lamport [Ang89, Pet83b].

Language [ACPP91, AOC+88, Ana18, ABPS98, BS86, BPP16, BO94, Bor81, BC91, DVL15, Fat82, Fea87, FFF+18, GSS+18, Gud92, Hal95, HSG17, JMSY92, JPP91, Kai89, McG82, Per79, PPS97, RTD83, RCS93, Spo86, SNS+14, SDD21, Tur84, Wet92, Win87, YS91, YB87, dJKS12, van88, Bot05, BSF03, CPF+04, DWW08, DF98, FM99, Gro06, HB98, KN06, LP99, MF09, MWCH99, PPT08, PHEK99, Tra80, VHHK02, HCW92, YB88].

Language-Based [Kai89, RTD83].

Languages [Ana18, AR84, AD98, Bar81, BL94b, BHM+19, Bla94, BM94, BPW87, CDF99, Dug99, Fos96, FL91, HU96, Lee86, LR19, MFM+16, Mur91, Ruy95, SV19, TK94, TGT20, AAR+10, AC11, DHHM00, GW99, RS97, Rhi03, SRW98, SKS11, SP97, SWW10, Wol92]. Larch [Win87]. Large [GLR83, MK94, MH86, WCW90, WCW91, ZSS20]. Large-scale [ZSS20].

Layout [AKBL89, MMR95, FH04]. Lauer [GM81].

Left [BFK98]. Left-Linear [BFK98]. legacy [NCH+05]. length [MP10].

Lessons [URJ+18, VHM+01]. Let [LY98].

Let-PolyFormic [LY98]. Level [Cam89, Fat82, GP95, YBL16, CMS03, VJW10].

Lexical [HKS92]. libraries [Dug02]. LIFE [AKP94]. lifetime [HBM+06]. Lightweight [SW97b].

memory-hierarchy [KF00]. Merge [Ber94]. Merlin [HBM+06]. Message [CSW06, SS84, Gor04]. Messages [BB79, Je03]. meta [Tra08].


mod [Bon92]. Modalities [SV20]. mode [PS08, ZP10]. Model [AY01, Ang89, BK11, BL87, BGP99, CG194, DLR16, ES97, GS98, GG85, GL94, Han81a, HW82, Hol87, JB20, JJC019, KH92, MSM+16, MMG92, ND16, VSS94, ACM11, AM01, AE01, JJD98, JRS+98, KN06, KV00, Loc13, NP08, QR00, SG04, VWJB10, VALG05, YMW97].


Morel [Dha91, DS88, Sor89]. Morphing [HS11]. Morris [Wis79]. Mostly [YF09, BBYG+05]. Motion [KRS94, Hai98].

MPI [FKJ+17, TSY00]. Multi [Ano18, GSS+18, MF09]. Multi-Language [Ano18, GSS+18, MF09]. Multialgebraic [WM95]. multidimensional [RDG08].


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

Multithreaded [EJP14, JBK18, JSB+12, KK14, NR06]. Multivariate [HAH12]. Multway [Ch87, Van96a, Van96b]. munch [Rep98].


Nesting [Hav97, Boy10]. Nests [BAC16]. Net [JTM98]. Network [WGS92, WGS93]. Networks [CGJ97b, GC86, KRS84, dBB85].

Newtonian [RTP17]. Nicholson [FA93]. No [Ano18, TGT20]. node [JC97, UM02].


Nondeterminate [TK94]. Nondeterminism [Ber80, Hes88, WM95]. Nondeterministic [CG95, MT08].

Noninterfering [HPR89]. nonnumerical [ME97]. Nonprocedural [PPS79].

Parameter [Gaz83, Zho96].
Parameterization [TWW82].
Parameterized
[CGJ97b, CK93, Gaz83, RKS12].
Parametric
[HFC09, MMG92, SRW02, IV06].
Parenthesis [AS80]. Paral [CG86].
Parsed [Wad90]. Parser
[DDH84, JP17, LaL84, SS82]. Parsers
[BN99, LaL81, MYD95, PK80, CPR02, SJ06, ST00b]. Parsing
[CH87, DMM88, Fis80, GM79, Lar95, RH87, Sam80, WG98, KC01]. Part
[LaL81, PA85, PA86a, PA86b, Apt81].
Partial [AFV98, CP17, CK93, DS88, Gom92, KCL+99, Sor89, ADR06, BP12, CG04, GJ05, LMD08, Leu04, ST00b].
Partially
[BLH12, Kob98, RSSR08]. partially-flow-sensitive [RRSY08].
partitioning [RM07, YF09]. Parts [Son87].
Pascal [LS79]. Pass [Bak82, BM94].
Passing [BDM15, Gaz83, SSW06, Gor04, Zho96]. Passive [AKP94]. past
Patient-Oriented [FFF+18]. Pattern
[EGP14, ADR06, Jay04, MTSS09, Van06].
Pattern-Based [EGP14]. Patterns [GH80].
PDS [Han81b]. PEAK [PO08]. Peephole
[DF80, DF81, Pen83, TsS82]. PegaSys
[MH86]. Pennello [Sad86]. Perfect [Duc08].
Performance [HJU96, MSA16, PB80, URJ18, KF00, PE08]. Performed
[Coh91, Wi91]. Permission
[BPP16, SNS+14]. Permission-Based
[BPP16, SNS+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 [SUW01].
Pictures [MH86]. Pipeline [HG83].
Pipelined [BG89b, LPP01, RDG08].
pipelining [ME97]. pitfalls [Mon08]. PL
[CD79, CZ84, FFF+18]. PL/CS [CD79].
PL/CV3 [CZ84]. place [GW99].
Placement [DP93, GS99, vHK00].
Platform [TCP+17]. pluggable [MME+10].
Pluto [BAC16]. Point [CK94, Fat82].
SBB+19, GJ05, Hau96, Mon08]. Pointer
[LTMS20, LHR19, LS79, RR03, SDB20, HBC99, HVDH07, PKH07, RLS+01].
Pointers [SS13, RR05]. Points
[GKM20, WKD04]. Points-to [GKM20].
Pointwise [VSS94]. Policies
[NBG13, BDFZ09, FGM07b]. Policy [Kro82, Kro83, Kro84, Kro85, Kro86, Kro87, Kro88, Kro89, Kro90, Kro91, Kro92, UJ92, BFG08].
policy-based [BFG08]. Polyhedra
[GVC15]. Polyhedral [GVC15, QR00].
POLYLITH [Par94]. PolyMage [JB20].
Polymorphic [BMR5, Dug99, HT04, Hen93, KUTU93, LO94, LY98, Ono95, SIG17, SV96, WJ98, BSvGF03, DWWW08].
Polymorphism [Bur90b, MDCB91, HFC09].
polynomial [BAL07, CFG19]. PolyTOIL
[BSvGF03]. polyvariance [LMD08].
Polyvariant [AC94, WJ98]. POP
[FFF+18]. POP-PL [FFF+18]. Portable
[DDH84, Han81b, HK07]. Possibly
[JP17, ML21]. Postfix [DS83]. Postpass
[HG83]. Power [TWW82, SSD09].
Powerlist [Mis94]. PPMexec [DKV07]. PQ
[GZ05]. PQ-encoding [GZ05]. Practical
[AD98, BAC16, BF87, CP17, Dha91, LR19, ND16, PBR+15, SS13, TSL+02, WC97, Bou05, DR05, DVD07, DG59, JNZ06, PFH11]. Practice
[KRS94, Ryn16, Blo03, DRSS96].
Pragmatic [BDH+16]. Pragmatics
[Go92]. Pre [OLH+16]. Pre-Analysis
[OLH+16]. Precedence [Hen83, LdR81].
Precise [CDK+18, FJK+17, GKM20, Hor97, TN19, PHP02]. Precise-Yet-Efficient
[TN19]. precision [ZGZ05]. Precondition
[Bo82]. Predicate [Lam90, BMR05, Bou05, Bou06, MFRW09, MMS96, PR07]. Predicates [CBDFG95, Lam88].
Prescription [FFF+18]. Presence [AWW95, CF04, KTU93]. preserving [DHS09, LST02]. pretenuring [BHM+07].
printing [Chi05]. Priority [CH90, Fid93]. Priority-Based [CH90]. Privacy [BKOZB13]. Privileges [Min84].
Probabilistic [AB20, BKOZB13, CNH18, DG19, HSP83, MMS96, OGJ+18, Rao94, SV19, BHF99, PPT08].
Problem [ADG+94, CM84, DS88, Gho93, LSP82, MS88, Pet82, Pet83b, PB97, Sor89, FGM+07a, Wu04].
Problems [Bac84, CNH18, DP93, 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, FDR12, HM84, KS79, MW84, MC82b, Oss83, RY88, Sou84, TY18, dBBS85, AE08, KS10, Ber80, Mio83].
Processing [GHSO, 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 [ASAFV19, BL94a, SP97]. Program [Bal94, Bar85, BAL07, BKB80, Col84, DKKL18, Der85, FPS19, Fea82, FOW87, FT94, FL91, HSP83, HKR94, Jen97, JJC019, KKW14, KWL09, Lam83, Lam88, LFF14, LWR21, MS83, MW80, Mis81, Nie85, PP94, PPS79, Rem81, RTP17, TSY00, Wat94, Wey83, ZSD09, Ass00, DDD05, GZ04, KF03, LH08, NS13, Pau01, RAB+07, SLC03, WZ07, WN08, YF09, DKV07].
Programming [AGT89, An108, AR84, ABPS98, BS86, BPP16, BHM+19, BL87, Bir84, Bor81, BMPT94, BW87, BCEM15, CHY12, COE+20, CL94, Dar90, DFR15, DGL+79, Dug99, FFF+18, Fos96, FL15, GTWA14, Har80, HK85, HO82, Kii89, KH92, Lee86, LVV+83, MK94, Mye90, OGJ+18, Pet83b, RCS93, SS84, SNS+14, SZBH86, TK94, TGT20, ABH06, BMR01, BnlBH99, CU08, CG86, CKT86, DW1W08, DPPP00, GW99, HBJ98, JPS+08, KGM004, MVV+01, MTSS09, MQ05, Tra08, VWJB10, WKD04, WJS+00, Bir85, SWU10].
Programming-in-the-Large [MK94]. Programs [AWW95, AK87, AFV98, AB20, AR80, AP94, AC94, BL94a, Ban87, BGL93, BC85a, BC85b, Ber94, BCD90, BE94, BE13, BEF+16, CR87, CB80, CM86a, Cha93, CNH18, CFG19, CEW14, CMN91, Cla80, CFM94, CS87, DL18, DGMP97, DW98, Deb89, DL93, Deb95, DP97, DiI90, EMH20, EGP14, FJK+17, FNBG20, GG85, GM81, Har80, HCHP92, HPR89, How80, HIT97, ISY88, JKB18, JW17, Jon83, JF81, Kna90, Lam79, LS83, MSJ94, ML21, MRGP20, MHS86, Mye18, NSZS13, OAS88, OL82, PNS92, QL91, Rao94, SS88, Sch82, SS81, SS88, TN19, Ven95, Wad90, Web95, Wil82a, AE01, AAE04, BCG+07, CSW06, CSS99, DP99, DDV99, DS98, DMM01, EGM01, GM12, GHB+96, GH97, GPA+01, Han66, HPM000, JPS+08, KSV96, LMD98, Leu04, LS09, MF09, NR06]. programs [PM06, RKRR04, RR03, San96, VJB12, WM12, YS10, Yin11, dHB+96, Bur84, Lam80].
PROLOG [LV94, AP94, AB94, BC91, CH87, FA93, GPA+01, MBW94, NF89, Zho96].
Promotion [Bir84, Bir85]. Proof [AFDR80, BDJ13, FRW90, GL80, Mio83, Sag86, SS84, Sok87, WGS92, WGS93, AM01,
CB80, GS98, TLHL11, JJD98, JLRS10.  
Relations [ELS’14, HT86, LH08].  
Relationship [BS88]. Reliability  
[LM18, WN08]. Reliably [TCP’17]. Rely  
[GEKP17, LFF14]. Rely-Guarantee  
[GEKP17]. Rely-Guarantee-Based  
[LFF14]. Remembrances [PM09]. Remote  
[BCP08, SG90]. Removal [AK82].  
Removal [Cha81]. Reoptimization  
[PS92]. reordering [YUW02]. Repair  
[BN99, MF88, MYD95, KC01]. Repairing  
[CPRT02]. Replacement [MM89].  
Replicate [RB94]. replication [RD03].  
Reply [Bur91, Fra81, LaL83, Tan83, Wir91, SM82].  
Representation [DGL’79, Mul92, SM89, Wad90, Wan82, Mil85].  
Representation-Independent [Mul92]. Representations  
[Lam87, RF97, Wal80, Wal81, BGP99].  
Reproduction [BHM’19], reshaping  
[ZCG’07]. Resilient [GHH’19]. Resolution  
[ABR81, Bak82]. Resolved [SIG17]. Resource  
[CS95, Cla80, IK05, MQ05, BDFZ09, CEI+07, HR02, HAH12].  
Resources [And81, FLBB89]. Respect  
[Gaz83]. Response [Tic83]. Responsiveness  
[HU96]. Restores [Wis79].  
Result [TB95]. Results  
[Ven95, BGP99, SYYH07]. Retargetable  
[DF80, DF81, MV87]. Retention [LS81].  
Rethinking [LHR’19]. retrofitting  
[NCH’05]. Return [SDB20]. reuse  
[DNS+06, GW99, ZSD09]. Reversal  
[AC84]. Reverse [PS08]. Reverse-mode  
[PS08]. Revisited [SIG17]. Revision  
[FM87b]. revisited [MDJ05, Zho96].  
Revisiting [DI09]. Rewrite  
[FKW98, Ass00]. Rewriting  
[KKSD94, 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  
[HQRT02]. Rules  
[GL80, JTM98, SS84, LS09, SSD09]. Run  
[ISY88, TZ07, GMP+00]. Run-Time  
[ISY88, TZ07, GMP+00]. Runtime  
[Ano18, BLH12, BEF+16, FNBG20, GSS+18, TCVB14, BH05a, TSY00].  
S [HCW82]. S/SL [HCW82]. Safe  
[AW95, Dug02, JW17, SDB20, AFF06, BSvGF03, LS03, Loc13, NCH’05, SA00, ZCG’07, MH06, SHB+07]. safe-for-space  
[SA00]. Safer [COE+20]. safety  
[FF08, YS10]. same [SS05a]. sampling  
[PPT08]. Santa [WP10]. Sapphire [URJ18].  
satisfying [Van96a, Van96b]. Saturn  
[AX07]. Scalability [TCP’17]. Scalable  
[FT94, GKM20, ZSS20, AX07].  
ScalaExtrap [WM12]. scale [ZSS20].  
Scaling [TCP’17]. scan [PS99]. Scanners  
[HKR92]. Scanning [GVC15]. Scavengers  
[UJ92]. Schanuel [KPS92]. schedulability  
[GH97]. schedule [TVA07]. Scheduler  
[TCVB14]. schedules [MH04]. Scheduling  
[BG99b, FGL94, KR79, KP95, LPP01, LJ99, LCB919, NB99, ASTD+15, PS93, TCVB14, Ban11, ME97, YF98]. schema  
[RLS’01]. Scheme  
[Mur91, YR94, IV06, WC97]. Schemes  
[Son87, TM93]. Schorr [BP82]. Schwanke  
[Tic88]. Scientific [How80]. Scope  
[App94b]. Scratchpad [SRM10]. Screen  
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