

# A Bibliography of Publications in *Computer Languages*

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## Title word cross-reference

**2013/14** [HM18]. **2013/2014** [HB16]. **2015** [GAS17]. **25** [Ano99]. **26** [Ano00]. **27th** [MB13]. **28th** [MB14]. **29th** [Bry15].

**ifdefs** [BGM<sup>+</sup>18].

$8_{1/2}$  [Mic96]. **+** [NL95]. **C** [MVT<sup>+</sup>16]. **k** [AG17].  **$\mu$**  [CCRS18].  **$O(n)$**  [BS92].

**-DSU** [CCRS18]. **-inductive** [AG17].

**0** [Led99b, Led99c, Led99d, Led99e, Led99a]. **0-471-19233-3** [Led99b]. **0-471-19572-3** [Led99e]. **0-471-29549-3** [Led99c]. **0-471-31502-8** [Led99a]. **0-471-32734-4** [Led99d].

**1** [Sul75]. **14** [HM18]. **16th** [DL17].

**2** [DNR90, Sal92]. **2-offset** [CAS08]. **2001** [Ano01b]. **2011/12** [LP16]. **2013** [HM18].

**3** [Led99b, Led99c, Led99e]. **3-Tier** [Led99a]. **30th** [Bry16]. **370** [FF75]. **3rd** [HB16].

**4** [Led99d]. **4th** [HB16].

**6.0** [Led99c]. **67** [Sch78]. **6th** [CPPV15].

**7th** [CPPV15].

**8** [Led99a]. **80** [GL95].

**'92** [CB93b]. **95** [GSX99].

**ABC** [AC18]. **abductive** [CLMT01].

**Abstract** [Bai87, DL17, GZ87, HC12, BZ88, CZ11, CCF15, FW87, Jal92, Liu93, Log09,

McL77, Noo85, PC15, RK93, UM17].  
**Abstracting** [HF87]. **abstraction** [KG17, ØK00, ZP04]. **Abstractions** [Coo81, SS79, BEL77, Ber77, DMVY17, DNR90].  
**Access** [SC94, AMF13, KK18, DOZ06].  
**accessibility** [CY02]. **accumulative** [Mor16]. **Achieving** [GHD18]. **ACM** [Bry15, Bry16, HB16, MB13, MB14].  
**acquired** [SK18]. **Action** [DS93]. **Active** [YF98]. **Activity** [Sal92, ABS17]. **actor** [CHS16, DMVD16]. **actors** [HB16, Ric16, VMD09, VBS<sup>+</sup>14]. **acyclic** [VS93]. **Ada** [BJS93, CMM85, EL87, EHMO91, GSX99, Geh82, MZGT85, SC94].  
**Ada-95** [GSX99]. **ADABTPL** [SS92].  
**Adaptable** [RS83]. **Adapting** [RDT08].  
**adaptive** [PPK11, RBY<sup>+</sup>05]. **adding** [MZC10]. **address** [FAHC17]. **advanced** [GSX99]. **affine** [AG17]. **affix** [HSS88].  
**Agent** [BIMP17, ACZ05, ABL17, KGS17, WHKK17]. **Agent-oriented** [BIMP17, ACZ05]. **agents** [CLMT01, HB16, Ric16]. **AGERE** [HB16].  
**aggregates** [BCR11]. **agile** [WHKK17].  
**ahead** [JPB<sup>+</sup>08]. **ahead-of-time** [JPB<sup>+</sup>08].  
**aid** [ZP04]. **algebra** [BLM93, MH07].  
**Algebraic** [RH94, GSP17, Rus87]. **ALGOL** [SB79, CHH02, NK90]. **Algol-like** [NK90, CHH02]. **Algorithm** [Man78, AC18, CAS08, Dha90, FNRR16, Noo85, Pai16, Yan00]. **Algorithms** [PB84, Sal83, War78, Ban17, PS10, SIK09].  
**Allocation** [CAC<sup>+</sup>81, BM95, LCC07, jLtCxH09, Zob93].  
**allocator** [ÜA15, ÜA16]. **allocators** [HC05].  
**Altering** [Cov93]. **alternatives** [GG09].  
**ALua** [URI02]. **Amake** [Buf17]. **Ambient** [AKPG02]. **ambients** [BCF02, BCF<sup>+</sup>04, BC02]. **AmbientTalk** [VBS<sup>+</sup>14]. **Among** [Pet78, CLMT01].  
**analyses** [BGH13, KHO14]. **Analysis** [Liu88, MM82, Ree84, Sha80, TSF<sup>+</sup>87, Wad80, ALS<sup>+</sup>18, ABL17, BC93, Ban17, BCF<sup>+</sup>04, BGM<sup>+</sup>18, BC10, CCB15, GDD12, Hor17, HV93, KDM03, LDG09, LR17, MCC17, MT05, OK18, Ozt11, Rid79b, RD78, SF89, YTC02, ZLZ<sup>+</sup>18].  
**analyzability** [HG93]. **analyzer** [ZGE85].  
**analyzers** [Yan96]. **Anatomy** [Ree84].  
**AND-** [HC96]. **and-cross** [ALS<sup>+</sup>18].  
**AND-parallel** [PGT<sup>+</sup>96]. **Android** [CC15, CC16]. **animation** [Bay76]. **Ann** [CSdL16]. **annotation** [CV14, LDN18].  
**annotation-based** [LDN18]. **annotations** [BC10, CSdL16, SNP16]. **Announcement** [Ano06a]. **anomaly** [MW96]. **answer** [PLS10]. **Answering** [KP78]. **ant** [PM18].  
**Ants** [PM18]. **APL** [GFK81, SW77]. **Apple** [KN85]. **applicability** [YTC02].  
**Application** [BKG<sup>+</sup>08, CJ80, KJTA17, Orm83, OAB<sup>+</sup>18, Sch78, BMN<sup>+</sup>18, GAGdL17, KS90, PLDD15].  
**Application-specific** [BKG<sup>+</sup>08, PLDD15].  
**Applications** [CMM85, Ken78, Led99b, Led99c, AA09, BDL<sup>+</sup>12, CS16, CJD17, KKG92, Man01, MZC10, MGLFCP12, MP92, PLDD15, PJ91, RGP98, RDT08, VBS<sup>+</sup>14, Zak88].  
**Applicative** [GS86, Sal83]. **Applied** [Bry15, Bry16, MB13, MB14, Zav86].  
**Applying** [DQ09, Cov93]. **Approach** [CCRS18, CJ80, Rid79a, Sha80, Zav86, ABS17, ABL17, Bas75, BMN<sup>+</sup>18, CJD17, CC15, CC16, CO89, DTXP13, DCA<sup>+</sup>15, DCA<sup>+</sup>16, Guo16, Hoa75, Ier93, Lee05, LB06, MZC10, OAB<sup>+</sup>18, PFH16, Rid79b, RK18, SM94]. **Approaches** [BBT15, BBT16].  
**Approximate** [Spr79]. **apps** [CC15, CC16, RK18]. **Arabic** [AA89, AAH95, ZA87]. **ARABLAN** [AAH95]. **architectural** [SMB15, SMB16].  
**Architecture** [Ano07a, KKG15, SK14].  
**architectures** [CC95, OK18, PC15, VS95, VLC98, WMP<sup>+</sup>08, vOKF01]. **Argos** [MR01]. **arithmetic** [PS94a]. **Arity** [Bre18].  
**Array** [CPD93, JG89, LR17]. **arrays** [DK92, DLP07, Lus02]. **artificial** [AC18].  
**ary** [CBTR18]. **ascent** [Hor93].

**ascent-descent** [Hor93]. **Ash** [Led99c]. **asm.js** [VSN<sup>+</sup>17]. **Aspect** [PCB<sup>+</sup>18]. **Aspects** [HH06, Was79, Alj16, DGU91]. **Assembling** [Tay96]. **assertions** [Jay92]. **assessment** [IS18]. **Assignment** [Sam79, Dha88, Dha90, SIK09]. **assistance** [ÁdLNW18]. **assistants** [AA09]. **Associated** [Fle84]. **Associative** [CRPP00]. **Athena** [ONB<sup>+</sup>18]. **atomic** [DLP15, YF98]. **Atomistic** [NN17]. **attaching** [AA09]. **attribute** [CY02, DPP10, Geh77, MS89, Yan00]. **attribute-grammar** [CY02]. **Attributed** [CBTR18]. **Attributes** [Tai79, SH15]. **augmenting** [Li96]. **Author** [Ano05a, Ano05g, Ano06c]. **automata** [KG17, KB75, PTJM16]. **automata-based** [KG17]. **Automated** [ÁdLNW18, CBTR17, DKK18, GAGdL17, Guo16, KKG92]. **Automatic** [AG17, CYS<sup>+</sup>15, HL08, IS18, LBGA18, MT82, Man01, BM95, CM11, DPP10, PNF<sup>+</sup>18, SSB94, Wet77]. **Automatically** [BC89, Ear75]. **automating** [yCH92]. **Automatized** [SP18]. **automaton** [MR01]. **automaton-based** [MR01]. **autonomous** [DMT10]. **AVX** [HMHS18]. **aware** [BDL<sup>+</sup>12, BGM<sup>+</sup>18, SSS17]. **Axiomatic** [BEH86, Hoa75].

**B** [BMN<sup>+</sup>18]. **Babbage** [Fri92]. **Babel** [Fri92]. **back** [SIK09]. **back-translation** [SIK09]. **backtrack** [Sar94]. **backtracking** [KPP93]. **backward** [LCFÁ10]. **BaLinda** [FWY96, YF98]. **ball** [Vai04]. **banker** [McK75]. **base** [McL77]. **Based** [BKL18, CCRS18, CLM83, GS86, AD07, ACZ05, AC17, ALR15, Ban17, BLM93, BSW15, Bou04, Bou08, BMN<sup>+</sup>18, CDW09, CBTR17, CJD17, CCJ93, CG96, FBDH12, FL92, Gan89a, HB16, HSS88, HGC<sup>+</sup>09, KG17, KPN17, LDN18, LR17, Mal17, MR01, MCC17, OAB<sup>+</sup>18, OK18, PSW95, RR99, SRRB10, SRT17, SLS18, VMD18, Wan92, WPR06, WBG10, Zak88, FAHC17, KS90].

**Bases** [BC84]. **Basic** [Led99c]. **basis** [JG89, Zob93]. **bee** [AC18]. **beginners** [Hug85, Mor16]. **Behavior** [Rid79a, Sar93, SJW94]. **behavioral** [KKP<sup>+</sup>15, RDT08, Zdu06]. **Behavioural** [BC02]. **benchmarks** [EvdSV<sup>+</sup>15]. **Bergeon** [Led99d]. **best** [HC05]. **best-fit** [HC05]. **BETA** [ØK00]. **better** [KY75, Yan96]. **between** [FBDH12, SSM10, VMD09]. **beyond** [Fri92]. **Bidirectional** [KDM03]. **Binary** [HT13, CYS<sup>+</sup>15, MLW05]. **Binding** [Sam79, VF82]. **bio** [ABS17]. **bio-inspired** [ABS17]. **biomedical** [Zak88]. **Black** [Ber91b]. **Black-box** [Ber91b]. **blend** [GBZ09]. **block** [DKK18]. **Blocks** [Pag79]. **Board** [Ano02a, Ano02b, Ano02c, Ano03a, Ano03b, Ano03c, Ano04a, Ano04b, Ano05b, Ano05c, Ano05d, Ano09a, Ano10a, Ano18a, Ano18b, Ano18c]. **bottom** [BDB90]. **bottom-up** [BDB90]. **bound** [KJ12]. **boundaries** [BCF02, DKK18]. **Bounded** [KKNS14, KLIN15]. **bounds** [BJ14]. **box** [Ber91b]. **BPEL** [KJ12]. **Branching** [RGP98]. **Branching-time** [RGP98]. **bridge** [FBDH12]. **Bridging** [YD78]. **brief** [Fri92]. **Bringing** [CV14]. **Broadcasting** [Bro88, PS94b]. **browser** [SB04]. **Buffering** [Bro88]. **build** [CJD17]. **Building** [Led99b, Led99c, Li96]. **builds** [Buf17]. **bulk** [MH07]. **bulk-synchronous** [MH07]. **business** [LLvdW<sup>+</sup>01, PLDD15, RK18]. **bytecode** [DDT06, JPB<sup>+</sup>08]. **bytecode-to-C** [JPB<sup>+</sup>08].

**C** [Ano88, Bud82, CHS16, CL89, EP89, ECB12, JPB<sup>+</sup>08, KS90, LC02, MP92, Pen05, PE88, ZT17]. **C#** [Fru10]. **C-Flavours** [KS90]. **cached** [Buf17]. **Cactus** [RGP98]. **Calculus** [GS86, Abd75a, Abd75b, AMF13, BL92, DLP07, AKPG02]. **Calendar** [WPR06]. **Call** [Ano07a, Ano07b, Bre18, Kir02]. **call-tracking** [Kir02]. **candidates**

[FT15, FT16]. **capabilities** [CGG<sup>+</sup>09]. **card** [SK14]. **Carla** [CC95]. **Case** [DKK18, Zav86, Alj16, Bli94, BJ14, BMN<sup>+</sup>18, MKPW06, NPS17, RT18]. **CASL** [WMP<sup>+</sup>08]. **CCS** [NN09]. **CDL** [LS90, LS94]. **cellular** [VLC98]. **centric** [LDG09]. **chaining** [HGC<sup>+</sup>09, VS93]. **Chains** [Ken78]. **challenges** [PBDF12]. **change** [Ban17, BGM<sup>+</sup>18]. **change-aware** [BGM<sup>+</sup>18]. **changing** [Pun01]. **channel** [Fis88]. **Characterization** [DK83]. **Checking** [Bai86, DL17, CCT08, DQ09, GSP17, Ier93, JKK<sup>+</sup>16, JL96, KKP<sup>+</sup>15, MS93, MVT<sup>+</sup>16, MP17, MP92, Pen05, Pen14, PRR12, Sis04, ZP04]. **Chinese** [TC81]. **Choosing** [MT82]. **CHR** [BKL18]. **CHR-Based** [BKL18]. **CiaaS** [ONB<sup>+</sup>18]. **circular** [SH15]. **CL\_ARRAY** [ZT17]. **Class** [Log09, BDNW05, JD94, Wal89]. **Classboxes** [BDNW05]. **classes** [Ban17, VBDPM16]. **classical** [Har97]. **classification** [BKSW09, WD04]. **clause** [KG17]. **Client** [Led99a, CJD17]. **client-side** [CJD17]. **Client/Server** [Led99a]. **clone** [FT15, FT16]. **cloning** [CHK93]. **closer** [FF86]. **Closure** [FL92]. **Closures** [FL87]. **cloud** [ZLZ<sup>+</sup>18]. **clustering** [AC18]. **Co** [MKPW06, LCC07]. **co-allocation** [LCC07]. **Co-evolving** [MKPW06]. **COBOL** [Tha77, Pet78]. **Cocke** [Man78]. **Cocke-Younger-Kasami** [Man78]. **Code** [Ano88, BT86, CJ80, DK83, DH86, FL87, JRSB85, RS82, BDB90, BBRR12, BC13, BM95, CAS08, CBTR17, CCJ93, Dha88, Gan89a, GDD12, Hat91, HV93, IS18, Kha10, Kha11, MT05, MKPW06, PM18, SNP16, SLS18]. **Coding** [PM18]. **COLD** [CKM<sup>+</sup>18]. **collaboration** [MGLFCP12]. **colony** [AC18, PM18]. **Coloring** [CAC<sup>+</sup>81]. **COM** [Led99c, Led99b]. **Combination** [FW78]. **Combinator** [JRSB85]. **Combinators** [MO83]. **Combining** [SA16, BM95]. **Commands** [Bai86]. **comments** [AA89]. **common** [RW09]. **Communicating** [DH86, DMVD16]. **Communication** [Bro88, AKPG02]. **communications** [CC95]. **compact** [HS03]. **comparing** [EvdSV<sup>+</sup>15]. **Comparison** [Fle84, SIK09, Tha77]. **Compilation** [Sch78, BRB07, VMD18]. **compile** [BGM<sup>+</sup>18, FL92]. **Compiler** [Ano07a, Ano07b, MB85, HSS88, Hat91, JPB<sup>+</sup>08, KMLS15, MB75]. **Compiler-Architecture** [Ano07a]. **Compilers** [Sha80, ZT17]. **Compiling** [PMS15, PMS16, WF78]. **complete** [GL95]. **completely** [RH18]. **Complex** [Spr79]. **complexity** [BZ88, IPF82, Ste84]. **compliant** [MZC10]. **Component** [WBG10, CC15, CC16, FDH08, FBDH12, PSW95]. **Component-based** [WBG10, FBDH12, PSW95]. **component-level** [CC15, CC16]. **component-oriented** [FDH08]. **components** [CV16, PSW<sup>+</sup>13, Tay96, Zdu06]. **composable** [LMR93]. **composed** [MW82]. **composing** [HRW18, RDB15]. **composition** [BBT15, BBT16, Bou04, BRT99, DSW05, PPK11, PCB<sup>+</sup>18, RPB09, Zdu06]. **Compositional** [GSX99]. **comprehensible** [FT15, FT16]. **Computation** [CIF84, Nag79, AJ93, CAS08, MST14, PT09]. **computational** [HT13, LCC07, jLtCxH09, ONB<sup>+</sup>18]. **Computationally** [RS87]. **computations** [DLP07, PRD02]. **Computer** [BS78, CF02, HR91, Rin91, Jos78, Nym95, Zak88]. **computer-based** [Zak88]. **computers** [BZ88, PS94b]. **Computing** [Ano07b, Bry15, Bry16, MB13, MB14]. **ConC** [GR91]. **concept** [MT05]. **Concepts** [DCA<sup>+</sup>15, DCA<sup>+</sup>16, GAS17]. **conceptual** [GWDD06, Rod15]. **Concern** [CKM<sup>+</sup>18]. **Concern-oriented** [CKM<sup>+</sup>18]. **concerns** [SNP16]. **Concur** [SBF80]. **Concurrency**

[Geh82, KPP93, FO02, KH12]. **Concurrent** [MMC15, MMC16, SBF80, Sal83, CS03, CGG<sup>+</sup>09, CO98, Dre96, GR91, GMMP89, LfL00, MP17, MW96, Rom97, Tal93a, Tal93b]. **concurrent-write** [CS03]. **condition** [SSM10]. **conditions** [PNF<sup>+</sup>18, SSM10]. **Conference** [DL17, GAS17]. **Conferences** [CPPV15]. **configurable** [BGM<sup>+</sup>18]. **configuration** [PMK<sup>+</sup>18, Zdu06]. **connected** [PS94b]. **connectives** [Kor15, Kor16]. **connectors** [PPK11]. **Considered** [Sym85]. **consistency** [KKP<sup>+</sup>15]. **Constant** [Tai79]. **constrained** [KJTA17]. **Constraint** [YG93, ZCM<sup>+</sup>17, HHLv89, LfL00, Zim86]. **Constraint-driven** [YG93]. **constraints** [Luq93]. **Construct** [ECB12]. **Constructors** [MW82]. **Constructs** [BGMT82, Abd75a, MP00]. **consuming** [BER00]. **consumption** [Ozt11]. **container** [McC91]. **containers** [ZT17]. **content** [LR17]. **Contents** [Ano02d, Ano05f, Ano05g, Ano06c]. **Context** [BS92, Cel81, HWM13, BC93, BDL<sup>+</sup>12, CDF18, IvdS17, Seb89, SK18]. **context-aware** [BDL<sup>+</sup>12]. **Context-Free** [Cel81, BS92, BC93, Seb89, SK18]. **Context-sensitive** [HWM13]. **contextual** [SP18]. **contiguous** [KR95, LR17]. **continuation** [Wan92]. **continuation-based** [Wan92]. **Continuations** [HFW86, WF78, DH89, JD94]. **Continuous** [SBF80]. **Contract** [KPN17]. **Contract-**[KPN17]. **contraction** [CKS83]. **contractual** [OK18]. **Control** [CG84, LS84, AG17, AL85, AMF13, CKS83, DNR90, HB16, MC96, OM92, OM91, PSW<sup>+</sup>13, Ric16, SC94, YF98]. **Controller** [TC81]. **controlling** [BDNW05, NH93]. **conversation** [CG93]. **Conversations** [Rom95]. **convex** [KG17]. **coordinating** [CLMT01]. **coordination** [CG96, CFG00, PPK11, SRRB10]. **copies** [BC13]. **Copyright** [Jos78]. **Core** [dLZ12]. **corecursion** [Anc13]. **corollaries** [Sch75b]. **Coroutines** [HFW86, KS90]. **Correction** [FM80]. **Correctness** [Ber77, YD78, Liu93]. **correctors** [Wet77]. **Cost** [DMT10]. **Cost-driven** [DMT10]. **Costing** [EL07]. **costs** [Lou07]. **count** [NH93]. **Countdown** [Led99d]. **counting** [CCGC12]. **coupled** [SRRB10]. **coupling** [ECB12]. **covariant** [CCT08]. **Cover** [Ano02c, Ano03c, Ano04b, Ano05b, Ano05c, Ano05d, Ano03a, Ano03b]. **Creating** [BDPW08, FF89]. **critical** [PMS15, PMS16]. **critique** [Fis88]. **cross** [ALS<sup>+</sup>18, CBTR17]. **cross-platform** [CBTR17]. **CSP** [PB84]. **CSP-S** [PB84]. **custom** [FO10]. **Customizing** [Mal10, NPS17]. **cycle** [Hoo89]. **Cyclic** [CCGC12].

**DAGs** [KR95, Kes98]. **Data** [Bai87, BF78, BC84, CS03, Fle78, GZ87, Geh79, Han78, KK18, KJ12, MO83, PBG84, YD78, BT91, BEL77, Ber77, BMZM92, BC13, CNGW09, DOZ06, DQ09, Ear75, FC18, FW87, FF89, Geh77, HG93, HC96, Jal92, JG89, JO11, KDM03, McL77, Mic96, MP17, MP00, Nil90, OAB<sup>+</sup>18, OM91, PRD02, SJW94, SP18, ZLZ<sup>+</sup>18, dIVGSZS18]. **Data-Bases** [BC84]. **Data-bound** [KJ12]. **Data-Flow** [MO83, MP00]. **data-parallel** [Mic96]. **data-parallelism** [HC96]. **Data-race** [CS03]. **Database** [Orm83, PC85, DCA<sup>+</sup>15, DCA<sup>+</sup>16, HC12]. **databases** [BL92, HHLv89]. **Dataflow** [Wei85, Ozt11]. **Datatype** [Wei85]. **Debugger** [CDGN15]. **debuggers** [CDGN15]. **Debugging** [Joh81, COHW95, FC18]. **decentralized** [HB16]. **declarations** [SC94]. **Declarative** [SH15, ZTLM13, CL97, CFG00, Mic96, NL95, SNA18]. **decorator** [Alj16]. **Deducing** [Sch75a]. **Deep** [Sam79, Kha11, SA16, ZH18]. **DeepDSL** [ZH18]. **define** [BG84]. **defined** [DNR90].

**defining** [yCH92, RDB15]. **definite** [GG09]. **Definition** [BF78, BSW15, yCH92, CG84, Ken78, CDF18, CRPP00, KB75, McL77, RTMRK18, Thi82]. **definitional** [Fal97]. **delayed** [VS95]. **delayed-load** [VS95]. **Delving** [MT05]. **democratisation** [dIVGSZS18]. **denotational** [Ier93, Mal93]. **denotations** [HS03]. **dense** [DLP07]. **dependence** [BC13, SSM10]. **dependencies** [PS10]. **dependency** [ZP18]. **Dependent** [JO11]. **deployment** [MLW05]. **Derivation** [PS86, SvE16, RR99]. **Deriving** [MB85, HRW18]. **DesCaRTeS** [MRO03]. **descent** [Hor93, MPS90]. **Description** [KP78, PB84, Rid79a, Bay76, Hor17, SMdSB09]. **Design** [AAH95, ABG<sup>+</sup>05, ESG16, FFMB11, KN85, Mic96, RS83, Sch78, TC81, VLC98, ZA87, Zak88, ZH18, Alj16, Bas75, CS16, CDW09, CSdL16, COHW95, DCA<sup>+</sup>15, DCA<sup>+</sup>16, FBDH12, FM04, FWY96, KS90, LDN18, LP97, LS94, MST14, MSRG10, MKPW06, Run89, Sco91, SSS17, Tuc75]. **Designing** [HG93, Ear75]. **destructive** [HV94]. **detailed** [KHO14]. **Detection** [Pai16, FM04]. **deterministic** [Lee05, PTJM16, PRD02, RP98]. **determinization** [PTJM16]. **developers** [RT18]. **Developing** [BB91]. **Development** [CDGM80, GG82, HR91, Bai90, BAG18, BDPW08, BIMP17, CBTR17, yCH92, CKM<sup>+</sup>18, ESG16, Mal10, MAGD<sup>+</sup>16, Mž05, PFH16, RK18, Rot92, SK14, SSS17, VC15, WHKK17, WD04, dIVGSZS18]. **Developments** [Cro79, Fle78]. **Devices** [Sym85]. **DFL** [PBG84]. **diagram** [ABS17]. **diagrams** [DKK18, Her76]. **dialects** [CHHP91]. **dialogue** [Nym95]. **different** [Coo98, Sli17]. **digitaled** [HLJ76]. **Dijkstra** [Bai86]. **DILOG** [HLJ76]. **DILOG-digitaled** [HLJ76]. **dimensional** [FT15, FT16]. **Direct** [MB75]. **Directed** [LBR81, DS93, Har97, Kha10, Nil90, OWG93, VS93]. **Discrete** [BB91, Bli94, Hoo87]. **dispatch** [KA07]. **Dispel** [Joh81]. **Display** [MOT84, NK90]. **distance** [Dai94]. **Distributed** [BT91, BGMT82, CLSM96, Coo81, Kir02, Led99e, PB84, Tal93a, YF83, CNGW09, DRT97, LS94, MY17, NJLS12, PLS10, PJ91, Sco91, SRRB10, Tay96, Whi77, ZTLM13]. **do** [RT18]. **documentation** [LBGA18]. **documents** [CNGW09]. **Domain** [MMC16, SNA18, CJD17, CDGN15, CSdL16, CCF15, FFMB11, GAGdL17, LDN18, PSW<sup>+</sup>13, RTMRK18, SvdBV18, SA16, dIVGSZS18, MMC15]. **Domain-specific** [MMC16, SNA18, CDGN15, CSdL16, FFMB11, GAGdL17, PSW<sup>+</sup>13, RTMRK18, SvdBV18, SA16, dIVGSZS18, MMC15]. **Domains** [DMVD16, McL77]. **dominance** [AC18]. **Dragonfly** [AMR18]. **Driven** [ACG18, BF78, DdLP17, AC18, ABL17, BAG18, BIMP17, DMT10, KGS17, LDN18, jLtCxH09, Rod15, SK14, SRT17, WHKK17, YG93, ZCM<sup>+</sup>17]. **DRL** [DRT97]. **DSL** [BAG18, PFH16, PLDD15, SvdBV18, ZH18]. **DSLs** [CV16, LBGA18, MAGD<sup>+</sup>16, NPS17]. **DSML4CP** [MMC15, MMC16]. **DSU** [CCRS18]. **Dynamic** [BB91, BRT99, CCRS18, GG09, BKS09, BG84, BS18, FF90, GBZ09, HDN09, LC02, LDG09, Pen05, PRD02, PLS10, RH18, RN09, RT18]. **dynamically** [Ber11, Pun01]. **Early** [MOT84, CS16]. **easytime** [FFMB11]. **edge** [Dha90]. **editing** [Thi82]. **Edition** [Led99a]. **Editor** [Ano01a, DP09]. **Editorial** [Ano01a, DW04, LP16, Ano02a, Ano02b, Ano02c, Ano03a, Ano03b, Ano03c, Ano04a, Ano04b, Ano05b, Ano05c, Ano05d, Ano09a, Ano10a, Ano18a, Ano18b, Ano18c]. **Edwards** [Led99a]. **EE** [MCC17]. **Effect** [GFK81, IR95]. **Effective** [DMVY17, Flo78, HMHS18, CSdL16]. **effectiveness** [DTXP13]. **efficiency** [PGT<sup>+</sup>96]. **Efficient** [BDB90, JRSB85,

JPB<sup>+</sup>08, PDK<sup>+</sup>09, PTJM16, CCJ93, FF89, Hat91, Li96, Lia92, Pai16, PT09]. **Effort** [CIF84]. **Elements** [Pet78, Whi77]. **eliminating** [RW09]. **Elimination** [BC13, Dem75]. **Embedded** [Ano07a, ABG<sup>+</sup>05, HL08, JPB<sup>+</sup>08, MRO03, NPS17, PDK<sup>+</sup>09, Wan92]. **embedding** [KMLS15, SA16]. **Emerald** [HHS90]. **emphasis** [ALS<sup>+</sup>18]. **Empirical** [Ban17, SW77, SJW94, VBDPM16]. **Employing** [Sis04]. **enabled** [PPK11]. **end** [LBGA18]. **enforcement** [IF16]. **engineered** [Hug85]. **Engineering** [ACG18, CPPV15, DdLP17, MAGD<sup>+</sup>16, SSJB96, BMN<sup>+</sup>18, CKM<sup>+</sup>18, HRW18, KGS17, Mal17, Man01, Rod15, ZCM<sup>+</sup>17]. **Engines** [DH89, HF87]. **Enhancement** [DOZ06]. **Enhancements** [ZL81]. **Entity** [SS79, DCA<sup>+</sup>15, DCA<sup>+</sup>16]. **entity-relationship** [DCA<sup>+</sup>15, DCA<sup>+</sup>16]. **entry** [MC96, OM92]. **Environment** [MOT84, RS83, DGU91, JD94, KA07, PJ91, PSW95]. **Environments** [Led99e, PRD02]. **ENVISAGER** [DGU91]. **epsilon** [FL92]. **EQL** [Nag79]. **equational** [Hat91]. **equivalence** [Tze12]. **Error** [CB93a, FM80, Dai94, HRS84, LCFÁ10, Wet77]. **errors** [DP98, RD78]. **escape** [DLP15]. **Evaluating** [EvdSV<sup>+</sup>15, KR98]. **Evaluation** [CD81, GFK81, ABG<sup>+</sup>05, DCA<sup>+</sup>15, DCA<sup>+</sup>16, DPP10, FW87, Jay92, KHO14, LRB<sup>+</sup>11, MC96, MS89, NS93, PBDF12, PS94a, SIK09, Tre00, TM00]. **evaluations** [KR95]. **Event** [BB91, DMVD16, Ric16, SRRB10, VMD09, BMN<sup>+</sup>18]. **Event-B-based** [BMN<sup>+</sup>18]. **event-based** [SRRB10]. **event-loop** [DMVD16]. **evolution** [OAB<sup>+</sup>18]. **Evolutionary** [KR17]. **evolving** [MKPW06]. **Exception** [DG94, LS90, BKYV80, CM11, CC15, CC16, CD82, HO90, JPB<sup>+</sup>08, Rom97]. **exceptions** [BJ90]. **exchanging** [FF89]. **executable** [CIP<sup>+</sup>00, HZ96, KJ12, PCG16]. **execute** [FKR75]. **Execution** [LS84, ALR15, BSW15, BJ14, CPD93, GMMP89, LfL00, MB75, PLS10, ZLZ<sup>+</sup>18]. **Executions** [BKL18]. **exercise** [Sal92]. **exercises** [GAGdL17]. **Existing** [EvdSV<sup>+</sup>15, AA09]. **expecting** [DG94]. **Experience** [Wei85, Sco91]. **Experiences** [GAS17, MOT84]. **experimental** [Ste75]. **Experiments** [HV94]. **expert** [SNA18]. **explicit** [OM92]. **exploiting** [KKG15]. **Exploration** [SvdBV18, GHD18]. **explorative** [KR17]. **export** [FF86]. **exposed** [VBDPM16]. **Expression** [Tai79, KR95, Kes98, LRB<sup>+</sup>11, PS94a, SvdBV18, VS95]. **Expressions** [WF78, GGK<sup>+</sup>11, Pai16]. **Extended** [Cel81, RS87, SS79, DCA<sup>+</sup>15, DCA<sup>+</sup>16]. **Extended-Entity-Relationship** [SS79]. **Extending** [BL99, LCFÁ10, MZC07, Sul75]. **extensible** [KMLS15, RH18, RDB15]. **Extension** [Nag80, BRS90, Sal92, ZT17]. **extensions** [BDNW05, Dre96, FO10]. **external** [MAGD<sup>+</sup>16]. **Extracting** [PSW95]. **Facet** [BC93]. **Facilitating** [CBTR17]. **Facility** [BF78, Nag80, BJS93, FF90]. **Factorizations** [WF78]. **Fail** [Dre96, Wet77]. **Fail-safety** [Dre96]. **Fairness** [OBGK02]. **Familial** [Orm83]. **fast** [HZ96, MLW05]. **fault** [CL89, DTXP13, ZP18]. **fault-localization** [DTXP13]. **fault-tolerant** [CL89]. **Faust** [JO11]. **Feature** [MM82, MLW05, VC15]. **feature-oriented** [VC15]. **feature-rich** [MLW05]. **Features** [Hoo87, CM75, Hoo89, RT18]. **Feedback** [Kha10]. **Feedback-directed** [Kha10]. **Ferret** [BKSW09]. **fields** [CCGC12]. **file** [BGM<sup>+</sup>18]. **Financial** [Hor17]. **finest** [Yan00]. **First** [JD94, KH12, Wal89]. **First-class** [JD94, Wal89]. **First-order** [KH12]. **fit** [HC05]. **FLANDM** [dlVGSZS18]. **flavour** [KS90]. **Flavours**

[KS90]. **FLEX** [LN91]. **Flexary** [Kor15, Kor16]. **Flexibility** [SRRB10, URI02]. **Flexible** [DdLP17, LN91, BBRR12, DCB<sup>+</sup>17, PT09, VMD18, ZCM<sup>+</sup>17]. **floating** [Won99]. **floorplanning** [Bou08]. **floorplanning-placement** [Bou08]. **Flow** [MO83, PBG84, RS82, Sha80, CHH02, IF18, KDM03, LDG09, MP00, NN17]. **Flowcharts** [CL78, Pet78, Coh78]. **fly** [RDB15]. **FOBS** [dLZ12]. **Folding** [Tai79]. **fork** [MZC10, RS94]. **fork/join** [MZC10]. **Formal** [AMA98, MY17, Pag78, Sha81, ZA87, ALS<sup>+</sup>18, Bou08, DLP15, KB75, MT05, OK18, Wil80, Nag80]. **formalization** [BDNW08]. **formalizing** [vOKF01]. **Formatter** [ZA87, AA89]. **forms** [FKR75, SIK09]. **formulation** [PNF<sup>+</sup>18]. **FORTH** [AL85]. **FORTRAN** [Tha77]. **Forward** [HGC<sup>+</sup>09, Man01]. **Fostering** [CKM<sup>+</sup>18]. **Foundations** [FDH08]. **FP** [AC18, BC84, Fle86]. **FP-ABC** [AC18]. **Fp-Style** [Fle86]. **fragment** [WHKK17]. **Frame** [PNF<sup>+</sup>18]. **framework** [ACZ05, AA09, BBRR12, BM95, CS16, CY02, CDGN15, HT13, JM96, KMLS15, NN09, Rot92, SSB94, VC15, VMD18, ZLZ<sup>+</sup>18, ZT17, dIVGSZS18]. **framework-based** [ACZ05]. **Free** [Cel81, BC93, BS92, IR95, Seb89, SK18]. **freedom** [CS03]. **Front** [Ano02c, Ano03a, Ano03b, Ano03c, Ano04b, Ano05b, Ano05c, Ano05d]. **Fully** [PC15]. **fun** [Mor16]. **Functional** [AD07, Bai87, BJ90, Fle86, FW78, HM18, LP16, MO83, Bai90, FC18, HV94, Lia92, Mal10, Mal93, Thi93, dLZ12]. **functionalities** [PLDD15]. **functionality** [MRO03]. **Functions** [Mic86, IR95, SS09, UM17, CCF15]. **Fundamental** [Sym85]. **future** [EvdSV<sup>+</sup>15]. **Fuzzy** [AC18, Dja88]. **Fuzzy-Pareto** [AC18].

**G** [Bai87, Pla91]. **Galois** [NN17]. **GALS** [MSRG10]. **Gap** [YD78, FBDH12]. **general** [BM95]. **Generalized** [Car78, LS84, PC85]. **Generated** [Pet78]. **Generating** [KR95, BC89, Noo85]. **Generation** [BKL18, FL87, Wad80, BDB90, BM95, CAS08, CNGW09, DPP10, FL92, Gan89a, GAGdL17, Guo16, Hat91, Hor90, SLS18]. **Generative** [GAS17, Mor16, SSS17]. **generators** [Bud82, Gan89b]. **Generic** [Bai87, CGG<sup>+</sup>09, Geh80, Bai90, Bou08, FC18, ZT17]. **generics** [EHMO91, TKH99]. **genetic** [FNRR16]. **genuinely** [BJS93]. **genuinely-lazy** [BJS93]. **geometry** [RH18]. **Global** [BT86, Zob93]. **goal** [Har97, Nil90, OWG93]. **goal-directed** [Har97, Nil90, OWG93]. **goals** [Lee05]. **GPCE** [GAS17]. **GPGPU** [KPN17]. **GPU** [PM18]. **Grammar** [BSW15, BEH86, RP98, Sar94, CY02, RDB15, SK18]. **Grammar-based** [BSW15]. **Grammars** [BF78, Cel81, CF79, Mic86, Pag79, BC89, Dem75, HSS88, JGM98, NS93, Seb89, Yan00, BC93]. **grammatical** [Nym95]. **Graph** [BF78, BRS90, BJ14, SSM10]. **graphical** [RK18]. **graphics** [Zak88]. **Graphs** [LBR81, MO83, RS82, BC13, VS93]. **GRAS** [BM95]. **Green** [dOG06, dOG09]. **Gregorian** [WPR06]. **Grid** [Geh79, LCC07, jLtCxH09]. **grids** [GH07]. **Guarded** [Bai86]. **Guest** [Ano01a, DP09].

**HALO** [HGC<sup>+</sup>09]. **handle** [BL99, PRD02]. **Handling** [Bai86, GG82, BKYV80, CM11, CO98, CB93a, CD82, Dai94, DP98, DG94, HO90, JM96, JPB<sup>+</sup>08, LW75, LS90, Rom97]. **hardware** [DPP10]. **Harmony** [AC17]. **Hebrew** [NB84, NB84]. **height** [PTJM16]. **height-deterministic** [PTJM16]. **hemodialysis** [BMN<sup>+</sup>18]. **Heterogeneous** [PC85, ÁdLNW18]. **Heuristic** [VS93]. **heuristics** [MP17]. **Hierarchical** [LBR81, BZ88, Bai90, Bou08, PSW<sup>+</sup>13]. **hierarchy** [GSP17]. **High** [CIF84, Ear75,



Geh79, McL77, BEL77, Ber77, CCJ93, Lou07, MB75, Sch75b, Sch75a, Tuc75]. **high-level** [Lou07, MB75, Tuc75]. **higher** [Fal97, KH12, RW09, SvE16]. **higher-order** [KH12, RW09, SvE16]. **historical** [BL92, Fel87]. **history** [Fri92, HGC<sup>+</sup>09]. **history-based** [HGC<sup>+</sup>09]. **Hoisting** [CJ80]. **Horn** [KG17]. **host** [NPS17]. **Huhu** [NB84]. **human** [Nym95]. **human-computer** [Nym95]. **hybrid** [BMN<sup>+</sup>18, dLZ12]. **hybridizations** [Mal17].

**IBM** [FF75]. **ICCL** [CB93b]. **Icon** [Gri83, OWG93, Wal89]. **IDE** [NPS17]. **identify** [Ban17]. **IFC** [Ano04a]. **II** [Abd75b, Ber77, Sch75a]. **image** [WDCL08]. **imageSegment** [PBDF12]. **imperfect** [ZP18]. **Implementable** [BEH86]. **Implementation** [CMM85, GZ87, Geh80, HMHS18, MT82, PB84, RS83, TC81, ZL81, AA89, ABG<sup>+</sup>05, BAK89, Bud82, CL97, CDF18, FBDH12, FWY96, FFMB11, FW87, GWDD06, HGC<sup>+</sup>09, KJTA17, Lia92, MC96, Mic96, OWG93, RM93, VLC98, ZH18]. **Implementations** [Sal83, CKS83]. **Implementing** [Alj16, BF78, Gri83, KNW94, VSN<sup>+</sup>17]. **implicit** [IvdS17]. **import** [FF86]. **imprecise** [BL99]. **Improved** [Man78, CCT08]. **Improving** [ALS<sup>+</sup>18, Kha11, PGT<sup>+</sup>96, Ten83, DTXP13]. **inclusion** [Sch75a]. **Incremental** [Hor90, MŽ05, MS89, MPS90, Li96, SB04, VS94]. **incrementally** [NJLS12]. **Independent** [BT86, FM04, IF16, PGT<sup>+</sup>96, VF82]. **Index** [Ano00, Ano01b, Ano05a, Ano05e, Ano05g, Ano99, Ano06c]. **Induced** [TBKG04]. **induction** [PC78]. **induction-inference** [PC78]. **inductive** [AG17]. **Inference** [CF79, UM17, PC78, Pun01, SvE16, ZCM<sup>+</sup>17]. **inferencing** [KDM03]. **Information** [CHH02, AdLNW18, Ano09a, Ano10a, DCA<sup>+</sup>15, DCA<sup>+</sup>16, Hor17, IF18, KKG15, LDG09, PR10, ZTLM13].

**infrastructure** [GDD12]. **Inheritance** [SS92, Bou04, MW96, TKH99]. **inlining** [HWM13, KR98]. **input** [BER00]. **input-consuming** [BER00]. **insertions** [NN17]. **inspired** [ABS17]. **instructions** [Dha90]. **integrated** [KA17, LCFÁ10]. **Integrating** [HHLv89, HHS90, PT09, AdLNW18]. **Integration** [Sha81, ACZ05, LP97, MY17, SP18, Tal93b, WD04]. **integrity** [NN17]. **Intel** [HMHS18]. **intelligence** [HLJ76, ONB<sup>+</sup>18]. **intelligent** [ÜA15, ÜA16]. **intensional** [MKPW06]. **intentional** [TBKG04]. **Inter** [GWDD06, MC96, OM92, FO02]. **Inter-entry** [MC96, OM92]. **Inter-language** [GWDD06]. **inter-program** [FO02]. **Interacting** [YF83]. **Interaction** [Ano07a]. **Interactive** [GG82, LfL00]. **interdiagram** [KKP<sup>+</sup>15]. **Interface** [MP92, CNGW09, Tay96, Thi82, Zak88]. **interfaces** [Pun01]. **Intermediate** [BT86, McC91, BG84, FC18, MB75]. **International** [CPPV15, DL17, GAS17]. **interpretation** [CZ11, HC12, Log09, RK93, UM17, DL17]. **Interpreter** [GS86, BBT15, BBT16, PT09, VSN<sup>+</sup>17, Zim86]. **Interpreters** [Mic86, IvdS17, RR99]. **Interprocedural** [CD81]. **intervals** [BL99]. **Intra** [KKP<sup>+</sup>15]. **Intra-** [KKP<sup>+</sup>15]. **Introduction** [Ano01a, BW05, CB93b, DP09, HR91, HR92, Lou07, Rin91, SD06]. **intrusively** [MZC10]. **invariance** [GSP17]. **invariants** [AG17, Log09]. **inversion** [SM89]. **investigation** [PLS10]. **invocation** [CO98, OBGK02]. **invocations** [GH07]. **involving** [LRB<sup>+</sup>11, ZP18]. **ISBN** [Led99b, Led99c, Led99d, Led99e, Led99a]. **Isolating** [FO10]. **Issue** [CPPV15, GAS17, LP16, ACG18, Bry15, Bry16, CB93b, DL17, DdLP17, HM18, HB16, KGS17, Lou07, Mal17, MB13, MB14, SD06, Zuc04]. **issues**

[CL89, COHW95]. **Iteration** [MP00].  
**iterators** [Ear75].

**J** [Fel87, KMLS15]. **J-operator** [Fel87].

**JADE** [BIMP17]. **JADEL** [BIMP17].

**Jager** [Led99d]. **Java**

[ACZ05, BCR11, CV14, CY02, CSdL16, HWM13, IS18, IF16, JPB<sup>+</sup>08, KMLS15, MCC17, PT09, Rez12, TKH99, VBDPM16].

**JavaBean** [MZC10]. **JavaLog** [ACZ05].

**Jeri** [Led99a]. **jLab** [PT09]. **John**

[Led99b, Led99c, Led99d, Led99e, Led99a].

**join** [MZC10]. **JR** [CGG<sup>+</sup>09]. **Jumps**

[Abd75b]. **Just** [dACSAP14, VMD18].

**Just-in-time** [dACSAP14, VMD18].

**Kasami** [Man78]. **kernels** [KKG15].

**Keyword** [Ano05e, Ano05g, Ano06c]. **know**

[Sch76]. **knowledge** [CBTR18, SNA18].

**LAILA** [CLMT01]. **Lambda**

[GS86, WF78, Abd75a, Abd75b, FL92].

**Lambda-Calculus**

[GS86, Abd75a, Abd75b].

**Lambda-Expressions** [WF78]. **Landin**

[Fel87]. **Language**

[Ano07b, BS78, Bai87, BT86, Bar82, BEL77, BGMT82, BC84, CV16, CCRS18, CPPV15, DGU91, FM04, GS86, GO88, Hoo87, Hoo89, Hul87, Joh81, KN85, KP78, MT82, MMC15, MMC16, MO83, MM82, Nag79, Nag80, Orm83, PBG84, PC85, RBY<sup>+</sup>05, Rin91, SBF80, ZL81, AL85, AAH95, ALR15, Bas75, BL92, Bay76, BIMP17, BKSW09, BAK89, Bou08, BG84, CIP<sup>+</sup>00, CGG<sup>+</sup>09, yCH92, CLMT01, CFG00, CC95, CL89, CKM<sup>+</sup>18, CSdL16, CHHP91, DRT97, Dja88, EL87, EvdSV<sup>+</sup>15, FDH08, FBDH12, FFMB11, GR91, GAGdL17, dOG06, dOG09, GWDD06, HDN09, HV94, HHS90, HZ96, HRW18, Hor17, Hug85, JD94, KKG92, KA17, KNW94, LMR93, LDN18, LP97, LB89, Liu93, LS94, Luq93, MSRG10, Mal10, Mal93, MR01, MZ05, MB75, Mic96, ND77,

NL95, OWG93, ØK00]. **language**

[PGM84, Pla91, PE88, PSW<sup>+</sup>13, RN09, RTMRK18, RGP98, Run89, RH94, Sal92, Sco91, SS92, SMdSB09, Ste75, Tuc75, Tze12, VC15, VLC98, WMP<sup>+</sup>08, Wan92, WDCL08, Zdu06, Zim86, dLZ12, Bai86, yCH92, RS94].

**Language-And** [BT86]. **language-based**

[Bou08]. **Language-independent** [FM04].

**language-integrated** [KA17]. **Languages**

[CIF84, CG84, Cro79, HR91, HR92, MB13, MB14, Was79, vOKF01, Abd75a, Abd75b, Bai90, BC88, BLM93, BL99, Ber11, BEL77, Ber77, Bry15, Bry16, BW90, CL97, CJD17, CO98, Cia92, CHH02, CG93, CF02, CDF18, COHW95, CRPP00, Fri92, HC12, HHLv89, HG93, HRW18, Ier93, IR95, KPN17,

LCFÁ10, LfL00, Lia92, MP00, NK90, OM91, PC78, PCB<sup>+</sup>18, RDB15, Rot92, Rus87, Sch75b, Sch75a, SNA18, SvdBV18, SA16, YG93, dIVGSZS18]. **languages-value**

[Sch75b]. **LARA** [PCB<sup>+</sup>18]. **large**

[HRW18, LRB<sup>+</sup>11, MP92, SJW94]. **Lass**

[Bar82]. **layered** [MR04, OM91]. **layers**

[Vai04]. **Lazy**

[Han97, BJS93, FC18, HV94, Jay92, Tre00].

**learning** [ZH18]. **Lenient** [Tre00, TM00].

**Level** [BEH86, CIF84, Geh79, MO83, Pag79, BEL77, Ber77, Buf17, CCJ93, CC15, CC16, Ear75, Lou07, MSRG10, McL77, MB75,

Sch75b, Sch75a, Tuc75]. **Leveraging**

[FAHC17, MAGD<sup>+</sup>16]. **lexical**

[Yan96, YTC02]. **lexically** [FF90]. **libraries**

[FF75]. **library** [CDW09, KPN17, ZT17].

**library-based** [KPN17]. **life** [Hoo89].

**Lightweight**

[MVT<sup>+</sup>16, PCG16, CC15, CC16]. **like**

[CHH02, MRO03, Was79, NK90]. **LINDA**

[SS93, RPB09]. **line**

[KR17, PMK<sup>+</sup>18, SSS17]. **linear** [Dha90].

**linearly** [PS10]. **Lines**

[MAGD<sup>+</sup>16, FAHC17]. **Linguistic**

[PRR12, VMD09]. **Lisp** [FWY96]. **List**

[Ano09b, Ano10b, Ano11a, AJ93, FKR75, War78]. **listless** [Jay92]. **Lists**

[Wad80, Lus02]. **literature** [MAGD<sup>+</sup>16]. **LL** [BC89, Li96, Sli17]. **LLLR** [Sli17]. **load** [Dha90, VS95]. **local** [CDF18, FNRR16]. **localization** [DTXP13]. **Logic** [ACS96, HS03, RS87, BER00, BKG<sup>+</sup>08, BRT99, CLSM96, CLMT01, Cia92, CG96, DRT97, FL01, GG09, Har97, HC96, HGC<sup>+</sup>09, HLJ76, JM96, JGM98, KNW94, LMR93, LP97, LfL00, NJLS12, RGP98, Tal93b, KPP93]. **Logical** [CIF84, TSF<sup>+</sup>87, IPF82, JG89]. **longest** [YTC02]. **longest-match** [YTC02]. **look** [FF86]. **Lookahead** [SC87, Ber91a]. **loop** [KKG15, DMVD16, SF89, VMD09]. **Loops** [DK83, Bli94, Ric16]. **loosely** [SRRB10]. **Low** [MO83]. **Low-Level** [MO83]. **LR** [BC88, Ber91a, Cel81, CB93a, DP98, Dem75, Hor90, Sli17, VS94, WBG10]. **Lynx** [Sco91]. **LySa** [BC10].

**Machine** [BT86, Pet78, BMN<sup>+</sup>18, HLJ76]. **Machine-Generated** [Pet78]. **Machine-Independent** [BT86]. **machines** [ALS<sup>+</sup>18, RM93, Yan96]. **Macro** [Nag80]. **Macro-Oriented** [Nag80]. **macros** [FKR75]. **Macrospace** [Flo78]. **made** [Mor16]. **Maintaining** [NJLS12]. **Making** [Flo78]. **malleable** [MZC10]. **management** [DOZ06, LC02, OOB18]. **Manipulating** [GO88]. **manipulation** [Mal93]. **many** [AC18]. **many-objective** [AC18]. **Mapping** [FNRR16, SLS18]. **Martin** [Led99c]. **match** [YTC02]. **Matching** [Gri83, Liu88, BDB90, CF88, Nil90]. **Mathematical** [KP78, KKG92]. **MATLAB** [AMR18]. **MATLAB/Octave** [AMR18]. **Matrix** [HMHS18]. **maximisation** [FT15, FT16]. **MDL** [yCH92]. **ME** [BAG18]. **Mealy** [Yan96]. **measure** [Geh77, IPF82, Ste84]. **measurement** [ECB12]. **Mechanical** [Ric80]. **Mechanism** [YF83, Bai90, CC15, CC16, CD82, HO90, RDB15]. **Mechanisms** [CCT08, CO98, MC96, OM92].

**Mechanizing** [McK75]. **medium** [SJW94]. **membership** [Sch75a]. **Memory** [BKL18, LRB<sup>+</sup>11, DMVY17, HC05, KKNS14, KKG15, LC02, Ozt11, PLS10, RN09, ÜA15, ÜA16]. **Memory-optimal** [LRB<sup>+</sup>11]. **merge** [ACS96]. **mergesort** [SJW94]. **merging** [Dem75]. **mesh** [PS94b]. **meshes** [PS94a]. **Message** [CLM83, MR04]. **meta** [GDD12]. **meta-model** [GDD12]. **metaclass** [Bou04, DSW05]. **metaclasses** [RBY<sup>+</sup>05]. **metadata** [CNGW09, RH18]. **Metalanguage** [BEH86, BKG<sup>+</sup>08]. **MetaMod** [SvdBV18]. **metamodel** [FAHC17]. **metamodeling** [CCB15]. **metaprogramming** [GBZ09]. **method** [Ber11, Dai94, Ear75]. **methodologies** [FW87]. **Methodology** [BB91, CLM83, Bou08, CHK93, KKG15, LP97, yCH92]. **Methods** [Wil81, KK18, WHKK17]. **metrics** [OOB18]. **Micro** [CCRS18, WMP<sup>+</sup>08]. **micro-architectures** [WMP<sup>+</sup>08]. **Micro-Language** [CCRS18]. **Microcomputers** [ZA87, ZGE85]. **microprogrammed** [MB75]. **Microsoft** [Led99b]. **middleweight** [IF16]. **MIMD** [VLC98]. **minimal** [Kes98]. **minimalist** [LB06]. **minimizing** [PS10]. **minimum** [Dai94]. **mining** [MP17, dLVGSZS18]. **misconfigurations** [MCC17]. **missions** [OAB<sup>+</sup>18]. **mixed** [HHS90]. **mixed-language** [HHS90]. **mixin** [Bou04]. **mixin-based** [Bou04]. **mixins** [BS18]. **Mizar** [Kor15, Kor16]. **MMFilter** [BKL18]. **Mobile** [Led99e, BCF02, BCF<sup>+</sup>04, HL08, RK18, VBS<sup>+</sup>14]. **mobility** [DMT10]. **moded** [BER00]. **Model** [ACG18, ABL17, DL17, DdLP17, MCC17, Pen14, Rod15, SS79, ZP04, Abd75a, Abd75b, BDL<sup>+</sup>12, BIMP17, Ber91a, BSW15, BMZM92, BS18, CM11, CAS08, CV14, DCB<sup>+</sup>17, DQ09, ESG16, GHD18, GAGdL17, GDD12, GWDD06, JKK<sup>+</sup>16, KGS17, DMVD16, MP17, OAB<sup>+</sup>18, OM91, Rus87, SK14, SP18, Sis04, SRT17, WPR06, WD04,

Yan96, ZLZ<sup>+</sup>18, ZCM<sup>+</sup>17, FAHC17].  
**Model-based** [MCC17, FAHC17].  
**model-checking** [DQ09]. **Model-Driven**  
 [ACG18, Rod15, BIMP17, KGS17, SRT17,  
 ZCM<sup>+</sup>17]. **Modeling**  
 [MZGT85, MMC15, MMC16, Spr79,  
 CBTR18, DCB<sup>+</sup>17, DCA<sup>+</sup>15, DCA<sup>+</sup>16,  
 FAHC17, PLDD15, RK18, ZP18].  
**modelling**  
 [ÁdLNW18, GVvdP<sup>+</sup>01, Rid79b]. **Models**  
 [BS78, BKL18, Fle84, GZ87, KP78, BKG<sup>+</sup>08,  
 DMVY17, GSX99, JKK<sup>+</sup>16, KKP<sup>+</sup>15, Lou07,  
 OAB<sup>+</sup>18, PCG16, PNF<sup>+</sup>18, RBY<sup>+</sup>05].  
**modern** [WMP<sup>+</sup>08]. **modification**  
 [RDB15]. **modifies** [PNF<sup>+</sup>18]. **Modula**  
 [DNR90, Sal92]. **Modula-2** [DNR90, Sal92].  
**Modular** [EHMO91, IvdS17, KN85,  
 BKVY80, CV16, RP98]. **modularity**  
 [SvdBV18]. **module** [AC18, PC15].  
**modules** [BRT99, LMR93]. **MOF** [CCB15].  
**Moldable** [CDGN15]. **Monaco** [PSW<sup>+</sup>13].  
**monitoring** [IF18]. **monotone** [NN09].  
**morality** [McK75]. **Motion** [CJ80, BC13].  
**motivation** [Sco91]. **movilog** [MZC07].  
**MSC** [Man01]. **mud** [Vai04]. **MudPie**  
 [Vai04]. **Multi**  
 [FFJ90, MOT84, ABL17, AMR18, DCA<sup>+</sup>15,  
 DCA<sup>+</sup>16, KGS17, WHKK17]. **multi-agent**  
 [ABL17, KGS17, WHKK17]. **Multi-Display**  
 [MOT84]. **multi-paradigm**  
 [DCA<sup>+</sup>15, DCA<sup>+</sup>16]. **multi-platform**  
 [AMR18]. **Multi-way** [FFJ90].  
**Multicomputers** [Geh82, SSB94].  
**multicore** [FNRR16, HMHS18].  
**multidimensional** [DLP07, ZT17].  
**multiparadigm** [LP97, NL95, Pla91].  
**Multiple** [ACS96, KA07, SS79, BKSW09,  
 PCB<sup>+</sup>18, PS94b, TKH99]. **Multiplication**  
 [HMHS18]. **Multiprocessing**  
 [CL78, Coh78]. **Multiprocessor**  
 [Hul87, Tay96]. **multirate** [JO11].  
**multiview** [KKP<sup>+</sup>15]. **multiway** [CO89].  
**mutant** [SMdSB09]. **Mutation**  
 [BS85, GAGdL17]. **mutual** [FF90].  
**N** [Led99c, CBTR18]. **n-ary** [CBTR18].  
**N-Tier** [Led99c]. **narrowing** [CZ11, Han97].  
**natural** [Run89]. **need** [Kes98]. **neither**  
 [Tre00]. **nested** [DLP15, JG89]. **Nesting**  
 [BCF<sup>+</sup>04]. **net** [GSX99]. **Nets**  
 [MZGT85, GMMP89]. **Network**  
 [CF79, MRO03]. **Neumann** [RM93].  
**Neverlang** [VC15]. **Node** [Wad80, War78].  
**Non** [BC10, LR17, MZC10, NPS17, OM92,  
 PRD02]. **non-contiguous** [LR17].  
**non-determinism** [OM92].  
**non-deterministic** [PRD02].  
**non-intrusively** [MZC10].  
**non-programming** [NPS17].  
**Non-repudiation** [BC10].  
**Nondeterministic** [Sal83, PGT<sup>+</sup>96].  
**Noninterference** [AMF13, IF16].  
**nonterminal** [Dem75, SH15]. **nor** [Tre00].  
**notation** [SRT17, Wil80]. **note**  
 [Ano06b, Ano11b, Fel87]. **notion** [BW90].  
**NP** [CIP<sup>+</sup>00]. **NP-SPEC** [CIP<sup>+</sup>00].  
**number** [DK92]. **numbers** [Run89].  
**Numerical** [Nag79].  
**Object** [ACS96, BB91, GVvdP<sup>+</sup>01, GG82,  
 LP97, PBDF12, AC17, BS18, DGU91, FM04,  
 Ier93, IR95, KPN17, KS90, LCFÁ10, LDG09,  
 MW96, NL95, RBY<sup>+</sup>05, YG93, dLZ12].  
**object-centric** [LDG09]. **object-models**  
 [RBY<sup>+</sup>05]. **Object-oriented**  
 [GVvdP<sup>+</sup>01, AC17, DGU91, FM04, Ier93,  
 IR95, KPN17, KS90, LCFÁ10, MW96, NL95,  
 YG93, dLZ12]. **objective** [AC18]. **objects**  
 [CLSM96, KJTA17, LRB<sup>+</sup>11, Lus02, LB06,  
 MW82, Rom95, YF98, DOZ06].  
**observation** [FC18]. **observer** [Alj16].  
**Obtaining** [HFW86]. **Occam**  
 [AMA97, AMA98, Fis88, Hul87, Tal93a].  
**OCL** [CCB15, PNF<sup>+</sup>18]. **Octave** [AMR18].  
**offset** [CAS08]. **OmniBrowser** [BDPW08].  
**on-the-fly** [RDB15]. **only** [PNF<sup>+</sup>18]. **onto**  
 [FNRR16]. **Ontological** [PFH16].  
**ontologies** [SNA18]. **Open**  
 [HH06, Led99e, Ban17, DK92]. **OpenCL**

[ZT17]. **Operating** [Cro79]. **Operation** [Sam79, CG93]. **operation/procedure** [CG93]. **Operational** [MB85, LS94, OWG93, OM91]. **operations** [CGG<sup>+</sup>09, Dja88, Won99]. **operator** [Fel87]. **Operators** [GFK81, Sym85, BLM93, CZ11]. **Optimal** [RS82, KR95, LRB<sup>+</sup>11, jLtCxH09, PRD02]. **Optimisation** [KA17, Sch75a, Sha75]. **Optimization** [BT86, DK83, LBR81, PM18, Sch75b, KR17, NK90]. **Optimizing** [SS09, Sha80, Thi93, Won99, Sar94]. **oracle** [Guo16]. **order** [CAS08, Fal97, KH12, RW09, SvE16]. **Orderly** [AKPG02]. **ordinary** [MZC10]. **Orientation** [ACS96]. **Oriented** [BB91, CLM83, Nag80, ACZ05, AC17, BIMP17, CS16, CG93, CKM<sup>+</sup>18, DGU91, ESG16, FDH08, FM04, GVvdP<sup>+</sup>01, GCH09, Ier93, IR95, KPN17, KS90, LCFÁ10, MW96, NL95, RK18, RS94, VC15, YG93, dLZ12]. **Orthogonal** [CM06, Rot92]. **other** [Jos78]. **outline** [PGM84]. **Over-exposed** [VBDPM16]. **Overloading** [EL87, Ber11]. **OWL** [CBTR18]. **Own** [Zav86].

**Package** [Ree84]. **packaging** [PSW95]. **Paisley** [Zav86]. **Papers** [Ano07a, Ano07b]. **ParaAJ** [Alj16]. **paradigm** [DCA<sup>+</sup>15, DCA<sup>+</sup>16]. **Parallel** [Cia92, Cro79, Hoa75, KPP93, LCC07, LN86, PS94a, PS94b, Sch78, VS94, AD07, AJ93, AMR18, BAK89, BC13, CB93a, CM06, DLP07, EL07, HZ96, Lou07, MH07, Mic96, PLS10, URI02, VLC98, PGT<sup>+</sup>96]. **parallelism** [HC96, MZC10, Tal93b, TM00]. **parallelization** [SSB94, Zob93]. **parameterised** [BRT99]. **parameterized** [ZP04]. **Parameters** [Pag79, DK92]. **Parametric** [LMR93, Alj16]. **parametrization** [Lia92]. **Parcels** [MLW05]. **Pareto** [AC18]. **PARLOG** [Tal93b]. **parse** [Li96]. **parser** [CB93a, Gan89b]. **parsers** [BC89, Hor90, Li96, PDK<sup>+</sup>09, Sar94, Sli17]. **parses** [BC88]. **Parsing** [Cel81, GFK81, LN86, BC93, BS92, Ber91a, Hor93, MS93, MPS90, PS94b, SM94, Sha75, Sli17, VS94, WBG10]. **parsing1** [RP98]. **Partial** [NS93, JD94, Lia92, RDT08]. **partially** [BCR11]. **particular** [ALS<sup>+</sup>18]. **Partitioning** [PS86, KK18, RP98, Yan00]. **partitions** [LR17]. **partly** [Fel87]. **PASCAL** [KY75, CM06, Fle84, Ten83, Was79]. **Pascal-Like** [Was79]. **passing** [MR04]. **Path** [CD81]. **Pattern** [Gri83, Liu88, BDB90, CF88, ESG16, Nil90]. **pattern-matching** [CF88]. **patterns** [Alj16, CS16, FM04, SSS17, Sha75, Wal89]. **PC** [Ano88]. **PEARL** [GCH09]. **peer** [VBS<sup>+</sup>14]. **peer-to-peer** [VBS<sup>+</sup>14]. **per-file** [BGM<sup>+</sup>18]. **Performance** [CL89, FW87, Spr79, Bli94, Kha11, Sar93]. **performant** [VSN<sup>+</sup>17]. **persistent** [BFPR04]. **personal** [AA09]. **personalization** [PR10]. **Personalized** [PMK<sup>+</sup>18]. **Perspective** [Rin91]. **Peter** [Led99e, Led99d]. **Petri** [GSX99, GMMP89, MZGT85]. **phase** [ZP18]. **piecewise** [AG17]. **PL** [Sul75, Tha77]. **PL-I** [Tha77]. **PL/1** [Sul75]. **placement** [Bou08, Dha88, Dha90]. **platform** [ABG<sup>+</sup>05, AMR18, CBTR17, DPP10]. **platforms** [FNRR16, PLS10]. **pluggable** [HDN09]. **plus** [FL92]. **point** [WPR06, Won99]. **pointcuts** [BKG<sup>+</sup>08, HGC<sup>+</sup>09]. **pointer** [BGH13, HG93]. **Pointers** [BEL77, Ber77, Pen05]. **points** [SSM10]. **policies** [IF18, MY17]. **polyhedral** [KG17]. **Polymorphic** [JL96, AMF13, KNW94]. **polymorphism** [DCB<sup>+</sup>17]. **portable** [RM93, ZGE85]. **positive** [GSP17]. **PostScript** [HV93]. **power** [CM75, RK93]. **PPL** [JM96, WDCL08]. **Practical** [CDGN15, HDN09, Rom97, Dai94, SM94].

**practice** [KGS17]. **practices** [CCB15].  
**pragmatic** [Pai16]. **PRAM** [RS94].  
**PRAM-language** [RS94]. **Precise**  
 [SSM10, LW75, Pai16]. **predicates**  
 [Cov93, Gan89b]. **predicative** [AMF13].  
**prediction** [Lee05]. **Preemption** [HF87].  
**Preface** [CK08, De 08]. **Preference**  
 [JGM98]. **Preliminary** [MP85].  
**presentation** [FT15, FT16]. **preserving**  
 [BRB07]. **primitive** [CCJ93].  
**primitive-based** [CCJ93]. **primitives**  
 [AJ93]. **priority** [BW90]. **private** [SC94].  
**probabilistic** [SF89]. **Problem**  
 [PS86, TSF<sup>+</sup>87, LfL00, PC78].  
**problem-solving** [LfL00]. **problems**  
 [CIP<sup>+</sup>00]. **Procedural** [Sym85, OWG93].  
**procedure** [CG93, CHK93]. **Procedures**  
 [Geh80, Pag79, Abd75b, FF89, MS89].  
**process** [AL85, MH07, PSW<sup>+</sup>13, RK18,  
 RS94, SP18, WHKK17]. **process-oriented**  
 [RK18]. **Processes**  
 [DH86, SBF80, YF83, yCH92, KJ12,  
 LLvdW<sup>+</sup>01, PMK<sup>+</sup>18, Tal93a]. **Processing**  
 [Led99e, AJ93, CM06, RH94, Tay96,  
 WDCL08, ZLZ<sup>+</sup>18]. **Processor** [HMHS18].  
**processors** [BS92]. **producer** [CAS08].  
**producing** [CCJ93]. **Product** [FAHC17,  
 MAGD<sup>+</sup>16, KR17, PMK<sup>+</sup>18, SSS17].  
**product-line** [PMK<sup>+</sup>18]. **production**  
 [LBGA18]. **Productions** [FM80, Dem75].  
**profiling** [BBRR12, Kha11]. **Program**  
 [BZ88, BS85, CDGM80, DK83, Fal97, PR10,  
 PS86, Sha81, SC87, Tze12, YD78, Zob93,  
 FO02, PRR12, PSW95, Rot92, Ste84, SSM10].  
**programmed** [Seb89]. **Programmer**  
 [DNR90]. **Programmer-defined** [DNR90].  
**programmers** [Sch76]. **Programming**  
 [ACS96, Ano07b, BCR11, BKSW09, CG84,  
 Co081, Cro79, CLM83, GAS17, GO88,  
 HM18, Hul87, LP16, MOT84, MMC16,  
 MB14, Ric16, RS87, Sym85, TSF<sup>+</sup>87,  
 Abd75a, Abd75b, AAH95, AD07, ACZ05,  
 BT91, BDL<sup>+</sup>12, BIMP17, Bry15, Bry16,  
 BW90, CBTR17, CGG<sup>+</sup>09, CM75, CHS16,  
 CO98, Cia92, CG93, Co098, CHHP91,  
 CRPP00, Fal97, Fri92, GR91, HB16, HHS90,  
 HG93, Hoa75, Hug85, Ier93, JM96, JD94,  
 KKG92, KNW94, LMR93, LP97, LfL00,  
 Liu93, Lou07, Mal10, MRO03, MZ05, MW96,  
 MP00, ND77, NL95, NPS17, ØK00, OM91,  
 PGM84, PSW<sup>+</sup>13, RGP98, Rus87, SB04,  
 Sco91, Ste75, Sul75, Tay96, URI02, VBS<sup>+</sup>14,  
 Whi77, YG93, ZCM<sup>+</sup>17, MMC15, MB13].  
**Programs** [Fle86, GG82, KN85, LN91,  
 AG17, BJ90, BER00, CY02, CCJ93, CG96,  
 EL07, FC18, FNRR16, FO02, FF89, GG09,  
 HC96, HS03, IPF82, Jos78, LC02, MVT<sup>+</sup>16,  
 MP17, NJLS12, PMS15, PMS16, PLS10,  
 Rom97, SW77, Sar93, SF89, Thi93].  
**Prograph** [MP85]. **projects** [GCH09].  
**Prolog** [ACZ05, Anc13, CF88, Gan89a,  
 NH93, SNA18, Tal93b]. **prone** [Ban17].  
**Proof** [Ric80, GSP17]. **proofs**  
 [Ber77, Liu93]. **propagation** [IvdS17].  
**properties** [BSW15, BFPR04, UM17].  
**Proposal**  
 [Car78, Fle84, Liu88, ACS96, BJS93].  
**Proposals** [Ten83, BEL77]. **Prosper**  
 [LB89]. **protected** [PC15]. **protection**  
 [Jos78]. **PROTOB** [BB91]. **protocols**  
 [KKNS14]. **prototyping**  
 [CS16, CHHP91, DS93, FL01, HZ96, Hoo89,  
 LB89, Luq93, PJ91, WMP<sup>+</sup>08]. **provability**  
 [Har97]. **provides** [Coo98]. **Providing**  
 [MGLFCP12]. **proving** [Fru10, UM17].  
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 [Ano09a, Ano10a]. **Publisher**  
 [Ano06b, Ano11b]. **Purba** [Led99b]. **pure**  
 [NPS17]. **Purely** [MO83]. **Purpose** [HR92].  
**pushdown** [PTJM16].  
**QAS** [KP78]. **QoS** [OOB18, PPK11].  
**QoS-enabled** [PPK11]. **QoSMOS**  
 [OOB18]. **quadratic** [AG17]. **qualitative**  
 [LW75]. **quality** [ACG18, BSW15, GHD18].  
**Quantitative** [Liu88]. **queries**  
 [DQ09, KA17]. **Query**  
 [BC84, CNGW09, MM82, PC85, BL92,

BLM93, BL99, HC12, KA17].  
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CNGW09, Dha88, Dha90, GVvdP<sup>+</sup>01, GMMP89, KMLS15, LDN18, OK18, PM18, PCB<sup>+</sup>18, RBY<sup>+</sup>05, SSS17, SNP16, WD04]. **usually** [Dha90]. **Utility** [jLtCxH09]. **Utility-driven** [jLtCxH09]. **Utilizing** [BS78].

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