Abstract
This bibliography records books about the Java Programming Language and related software.

Title word cross-reference
3 [DiP18b, GBC12, JEC+12, ZXL16]. \(\tau_P\)
[LTK17]. \(C_P\) [AÖ11]. \(K\)
[PLL+18, SD16b, SGG+17]. \(Z_P\) [AÖ11].
-core [PLL+18]. -safety [SD16b].
/multi [Taf13]. /multi-threaded [Taf13].
'12 [Hol12]. 12th [Fox17a].

1 [DiP18b, GBC12, JEC+12, ZXL16]. 2010 [GBC12, JEC+12, ZXL16]. 2012 [Hol12].
5 [KHR11]. 6 [Jen12].
7 [Ano15, EV13, J+12], 75 [HWM11]. 8 [LYBB14, SAdB+16, UFM15]. 9 [LSBV17], 938 [Gun14], 978 [Ano15], 978-1-4493-1103-2 [Bro12], 978-1-4919-4946-7 [Ano15].
Abbreviated [SRTR17]. ABS [SAdB+16]. absence [AGH+17]. Abstract
Abstraction
[AGR12, BDT10, DLR16, XMA+14, DLM10, DLR14, FSC+13, KMMV14, NSDD17].
Abstractions
[NYCS12, RFBJ14, UR15, SPP+10], accelerated [PQTGS17], Accelerating [KMZN16, ZLB14]. accelerator [OIA+13], accelerators [PWA13]. Access [CSGT17, HBT12, TT11, TNTN12, BB17, KT14, MM10, RH13, XHH12]. Accessibility [STST12, VBMDP16].

AccuBus
[BW12, Bro12, GY16, SKR11, PL12, ZMG+14, ZFK+16].

accessed
[PQTGS17]. Accelerating [KMZN16, ZLBF14]. accelerator [OIA+13]. accelerators [PWA13].

Accurate
[YCS12, RFBJ14, UR15, SPP+10], adaptive [AD13]. adaptation [VBAM10a]. Adaptive [AFG+11, IHWN12, NFV15, RXK+17, CL17, PKO+15, PDM+16, VBAM10b].

addresses
[DLM10], adding [MZ10a].

addressing
[VBMDP16], Adequate [GGZ+15], ADiJaC [SD16a]. Adoption [PB13]. Advanced [Hor11, VBAM10a, dM12, Jen12]. Advances [FHP+12]. Adversarial [FHP+12].

Aegis
[Ni12a], Æminium [SNS+14].
affects

Ahead

algebraic
[Lei17], algebras [IvdS16, ZC15]. Algorithm [YCYC12, ZW13, Gun14]. Algorithmic [FHP+12]. Algorithms [GT10, Gra15].

aliasing
[NS12], alike [DA13].

Allocation
RW17, Ryu16, Sch10b, SAdB+16, SVG12, SPP+10, TWX+10, WHIN11]. applying
[CMM17]. Approach [BDT10, CSF+16, DLPT14, KKW14, STST12, ADI13, CHM13,
DHM+12, HLO15, HmM17, J+12, MZC10a, MvH15, PSW11, RVP11, RO12, SNS+14].
approachable [WHV+13]. approaches [MD15, SS14]. approximate [CNS13].
Approximation [RvB14]. Approximations [SS12]. apps [CNS13, Sta10]. Architectural
[CSGT17, KKK+17]. Architecture [GMPS12, Wan11, AMWW15, Gon11].
Aspect [ABMV12, BH10, VBAM10b, VBMA11, WBA+11]. Aspect-Oriented
[ABMV12, BH10, VBAM10b, WBA+11]. Aspectizing [TNTN12]. AspectJ [AC10].
aspects [LVG10]. Assertion [MM12]. Assertion-Based [MM12]. Assertionial
[LL15]. assertions [VYY10]. Assessing [GTSS11, JACS10]. assessment [IS18].
assignment [KT15]. AST [DRN14, HWW+15, ZLB14]. asymmetric [CBGM12]. asymptotic [ODL15].
Asynchronous [KW11, SK12, WK12, FZ17, KW10, LML17]. atomic [WAB+11]. Atomicity
[GGRSY17, JLP+14, BHSB14, BNS12, GGRSY15, UMP10]. atomics [PPS16].
[BH17, BSOG12, BMGC12, MS14, RGEV11, SDM12, AsdMG14, MRMV12, ZFK+16].
Automatic [GGRSY14, GGRSY15, GGRSY17, IS18, KKW11, MDS+17, MM16,
PQD12, SZ11, SD16a, SJPST10, SS16, WM10, XMD+17, ABK+16, FM13, PG12].
automatically [TB14]. Autonomic
[DLPT14]. Autonomous [GMPS12].
average [DL14]. avoid [XR10]. Avoiding
[FRC+17, ZBB17]. avoids [PPS16]. Aware
[JYKS12, LZ12, BBX13, CL17, EQT10, SSB+14a, SVG12]. awareness [VGS14].
axiomat [TVD10].
B [DLZ+13]. back [Car11]. Background
[PWSG17]. Backstage [PS11]. Bad
[dGRdB+15]. baggage [FFB+12]. balances
[FMHB15]. balancing [PDPM+16]. Ball
[DD13]. barrier [CHMY15, VB14a].
barriers [HJH10, WBM+10]. Based
[AFGG11, DLR16, GM12, GGZ+15, GGC18,
LTD+12, MvDL12, MM12, PTML11,
PiLCH11, PE11, RBL12, RT14, SGD15,
SLS+12, SWF12, AYZ10, AST+16, ADI13,
BBF+10, BBP13, BB17, CDTM10, CJ17,
CPST14, CPST15, EKUR10, GMS+13,
HWM14, HW1+12, HOKO14, HWL11,
HHWN12, IRJ+12, JEC+12, JMO14, KATS12,
KS13, KRCH14, KvRHA14, KS14, MCC17,
MB12, MCY+10, PDPM+16, PSW11, SZ11,
SBK13, SMP10, SPY+16, SV17, SNS+14,
UIY10, VSG17, XHH12, YP10, ZYZ+12].
basic [CZ14]. basic-block [CZ14]. basics
[Zak12]. basierte [Ric14]. battlefield
[WT10]. Bayesian [BS14]. BeagleBone
[Ric14]. before [TD15]. begone [MRMV12].
behavior
[LWB+15, RLVB10, TABS12, WX16]. Behavioral
[LN15, AMWW15]. behaviors
[PCL14]. behaviour [SMS+12]. Beliefs
[BA17]. Benchmark [GBC12, SMSB11].
benchmarking [AHK+15, MDM17].
benchmarks [KHM+11, RGEV11]. benefit
Between [PVB17, ZLHD15, CMM17,
CSF+16, LSBB16, LSBB17, RDP16, SH12].
Big [GTS+15, NBW+15, RVK15, BOF17,


Budget [GM12]. buffered [DLZ+13].


Building [Sta10, HWW+15]. Business [CC+12]. Bytecode

[BDT10, BSO12, FHSR12, NS12, RDCP12, Rey13, AdCGGH16, CZ14, DLM10, SP10b, SMP10, VB14b].

C

[BB12, CDG+17, GBC12, LSBV16, LSBV17, NED+13, SRR17, Sta10, Zak18, ZWSS15]. C/C [BB12, NED+13]. CA [KP15]. cache [IN12, ZP14]. caches [NG16].

calculations [VSG17]. Calculi [FF17]. calculus [AH10]. Call [FRG12, PULO16, ZWZ+14, Xue12, SS+14a]. Call-site [SSB+14a]. calling

[HB13, SSB+14a, ZWZ+14]. Calls [SW12, SS16]. came [Car11]. can [TPG15].

capabilities [Ame13]. capability [RDF15].

capo [SMSB11]. capturing [BKC+13].

Card [GMPS12, ABFM12, dCMN+12].

Cards [BH12, GMS12]. care [EKUR10].

Caring [DAA13]. carry [Ame13].


CERT [LMS+12]. chain [KSR14].


Characterizing [CJ17]. check [GVRN+11].

Checking [BNE16, CSF+16, Cho14, JC10, JYKS12, ABFM12, BHSB14, BNS12, CVG+17, DLM10, FLL+13, HMEDE12, KATS12, KVRHA14, LT11, RR14, RAS16, RDF15, TVD10, VYY10]. checkpointing-enabled [SVG12].

checking [FMBH15].

>Error 4

>Micro-processor [PS10].

chip-multiprocessors [RS12]. choice [WBM+10]. CICS [R+13]. CIL [BBF+10].

circular [Gun14, SZ10]. Circus [ZLCW14].

City [Hol12]. Class [BS13, CSF+16, NCS10, HC10, MHC10, SC16, TSD+12]. Classes [And14, SVB+17, WT11, CZ14, SZ10, TSD+12, VBDP16]. Classfiles [SD16a].

classification [SS14]. Classifiers [BSA14].


Clojure [ECG12, FH11, VS10]. Closing [ZLHD15]. Closures [BO11, BO12, BO13].

Cloud [VDV17, GGC18, LZYP16, TLM13].

cloud-based [GGC18]. clustered
clusters [TRTD11]. Cocoa [Sta10]. Code [BH17, BNE16, HC11, MM16, RVK15, RLMM15, SRTR17, SVB+17, SV15a, SED14, AGR17, AK13, CCFB15, DRN14, FH16, FMS+11, IS18, LVG10, NG13, OJ12, PMP+16, PSW11, RFRS14, RBV16, RO12, UTO13, VSG17, WKJ17, WGF11, WBA+11, WAB+11, WWS13, ZHL+12, ZXL16, ZWSS15].
Communication [QJ1+16, RTE+13, SK12, BJJK12, ETR+15, TTD+11].
communications [ETTD12, RTET15, TTD12]. Communities [ZMM+16]. Compact [HWM10, HWM11, JL17]. comparative [KFBK+15]. comparing [MD15].
comparison [ADI13, BJJK12, HH13, KvRHA14, SMS+12]. Comparisons [GG+17]. Compartmental [WG+11].
compatibility [DJB16, OIA+13]. compatible [ABCR10, Hor12].
Compilation [DLR16, CGJ+16, CMS+12, DLR14, FSC+13, IHWN12, JLP+14, JK13, JMO14, KS13, KHL+13, Lei17, MD15, MG17, ZBB15]. compiled [NED+13, RO12]. Compiler [JMB12, NHK16, NWB+15, BBF+10, BRWA14, CIAD13, HWM14, IHWN12, KMLS15, KS14, KC12, LSWM16, MDMA17, Rub14, TTS+10, TWSC10, VB14b, YZY+12].

compiler-compiler [KS14].
compiler-runtime [TWSC10]. compilers [Hos12, LMK16, RSB+14]. Compiling [Fee16, Hos12]. complementation [BS13].
Complete [BO13, BR15, JC10, Sch14, Gri17, PS15, RGM13, RB17].
component-based [AST+16]. components [BMS17, FOPZ14, KS14]. Composable [SS10]. Composing [EAVGV14].
Composition [SK12, AGH+17, AH10, SZ10, VM15].
Comprehension [BGK17].

con [SMSB11]. Concurrency [BG17, Bro12, SWF12, BVGV1A1a, CHM13, DMS11, HAW13, KHL+17, PPS16, Sub11, TD15, UR15]. Concurrent [MSM+16, PS12, Sie10, BMS17, EP14, Gra15, HH10, KBL14, MSM+10, OW16, PTF+15, RVP11, STR16, SNS+14, YS10].
concurrent-by-default [SNS+14].
Consistency [CSF+16, DNB+12, FRM+15, ZBB17].
consistent [BCR13]. constrained [KSR14].

constraint [FMBH15, SHU16].

Constraints [SGD15, LSSD14].

construction [CIAD13, RGEV11].

constructors [MME14]. constructs [PCL14, PTF+15]. consumers [DAA13].

Consumption [MV16]. container [XR10].

containers [XR10]. Context [HWM13, MM16, TL17, HBI, 13, lvdS16, SSB+14a].

Context-sensitive [HWM13].

Contextual [MSSK16].

Continuously [DTLM14].

Contracts [YQTR15, HBT12, KT15, KKW11].

Control [FGR12, FHSR12, TTI11, TNTN12, AdCGGH16, FWDL15, LSWM16, RHN+13, STS+13, TABS12, XHH12].

controlling [BKC+13, YDFF15].

Convention [Hol12].

conversions [CM17]. Cooperative [YDFF15, Hdl17].

Coordinating [MAHK16]. coordination [BMSZ17].

Core [Hor11, HC13, RDCP12, RTE+13, MS10, PLL+18, TRTD11].

cores [GT11, SK11].

corpus [HCN14, LSV16, LSV17]. correct [AdCGGH16, AJL16, DJLP10].

Correctness [LL15, BENS12, Cho14].

Correlation [SDC+12, XHH12].

Corrigendum [LSV17]. counter [LSSD14].

counters [IN12]. Course [Van11, Zak12].

Coverage [CSS+16, GGZ+15]. Coverage-Based [GGZ+15]. Coverage-directed [CSS+16].

CPS [PDDD17].

CPU [PKO+15].


Critical [HL13, WK12, WCB16, ZLWC14, AG17, DTL14, GMC+13, NM10, Nil2b, RS12, SDH+17, CWW13, LWC17].

Cross [MDM17, AMWW15, BKC+13, GSS+16, KMZN16]. cross-cutting [AMWW15].

Cross-language [MDM17, GSS+16].

cross-program [KMZN16]. cross-thread [BKC+13]. Crowdsourcing [BH17].

CrowdSummarizer [BH17].

Cryptography [GPT12].

CSS [A15, HLO15, Sta10].

Curve [GPT12].

customizations [LVG10].

customized [HB13].

cutting [AM15].

Cyclic [BMOG12, RS12].

D [Di10, GBS12, JEC+12, XZ16].

DAA [DK10].

Data [B14, BMOG12, BD17, GM12, GTS+15, GT10, NKh16, NWB+15, TAF+18, dMRH12, B14, BB17, BOF17, BBX13, BJBK12, CDMT10, CRP+10, DFI13, DHH12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SADB+16, SSG+14, SGG+17, UMP10, W17, WCG14, XZ13, XMA+10, ZIvd17].

data-centric [DHH12, FOPZ14].

Data-Parallel [NKH16, CRP+10]. database [D10].

databases [E10, EKUR10, TABS12].

Dataflow [RB12].

Datalog [ZMG+14].

dataset [MDS+17].

Days [Sev12].

DBT [SK13].

dead [SK13].

deadlock [CHMY15, SR14a, SR14b].

Dean [Bro12].

debugging [ASdMGM14, BM14, KS14, TB14, ZFK+16].

December [LSV17].

Deciding [SGD15].

decision [RB16].

Declarative [DR14, SNS+14].

decision [RB16].

Dependence [PDDD17, JWMC15].

Dependence-driven [PDDD17].

dependences [ELW15].

Dependent

facilities [BVGVEAFG11]. FAD.js [BB17].


Fast
[CVG+17, CSGT17, HyG12, SBM14, SLF14, Zak18, BB17, KMMV14, KCP+17, MDM17, MHB013, SV15b]. Faster
[BMDK15, JC10, AJL16]. fault [RBL12].

Faults [SRTR17, ZZK13]. Featherweight
[RvB14]. feature
[AH10, KvRHA14, OJ12]. feature-based [KvRHA14]. Feedback
[NED+13, NG13, WM10].

Feedback-directed
[NED+13, NG13, WM10]. fields [PQTGS17].

FIFO
[QSaS+16]. filtering [HWT+12]. find [Ryu16]. Finding
[XMA+10]. Fine
[BVGVEAFG11, DRN14]. fine-grained
[DRN14]. Fingerprints [MSSK16]. Finite
[BLH12, MB12]. Finite-State
[BLH12].

first
[SC16, TSD+12]. first-class
[SC16, TSD+12]. fix [TPG15]. Fixing
[SRTR17, LTZ14]. flexibility [SBF+10].

Flexible
[ES14, MSM+16, PKC+13, RHN+13, BCD13, KHR11, ZW10]. Flint
[LTZ14]. Floating
[Jaf13, AJL16].

Floating-Point
[Jaf13, AJL16]. Flow
[ASF17, FHSR12, LMK16, SS12, AdCGGH16, AF12, ABFM12, BK14, FWDL15, HBS16, KHL+13, LSWM16].

Flow-sensitive
[LMK16]. FlumeJava
[CRP+10]. fly
[UJR14]. folding
[CPST14].

Footprint
[GS12, WHIN11]. Forecasting
[CC15]. foreign
[LWH+10]. forge
[Ler10].

fork
[MZC10a]. fork/join
[MZC10a]. form
[GBK]. Formal
[DLPT14, KR12, SW12, Hdm17, PR15, SZ11]. formalised
[CWW13]. Forsaking
[GBS13]. FORSETI
[CSV15]. Forward
[FOPZ14]. Foundation
[CJ17]. Four
[MSS10]. FPGA
[OUY+13].

fragmentation
[PZM10]. fragmentation-tolerant
[PZM10]. fragments
[OA17]. frames
[SJPS10].

Framework
[CCA+12, FFF17, LM15, PWSG17, RBL12, Ame13, AC16, DDDF17, ER14, FRGPLF+12, JEC+12, KMLS15, PKO+15, RR14, STY+14, ZW10, ZDS14]. frameworks
[PPMH15]. Francisco
[KP15].

free
[DTLM14, FC11, GK15, HHB+14, NFV15]. free-form
[GK15]. free-lunch
[DTLM14]. frequency
[ZWSS15]. Friendly
[RBL12].

fringe
[MB12, MB12]. Full
[SRTR17, DRN14]. Full-Word
[SRTR17].

Fully
[FSC+13, PG12, ZFK+16]. Functional
[Wan11, Ame13, BVGVEA11b, NFV15, UFM15, Bro12]. functional-style
[UFM15]. functions
[LSBV16, LSBV17].

Fundamentals
[HC13]. Fusing
[MS13, ETR12, WM10]. fusion
[KBPS17].

future
[SS16]. fuzzer
[Guo17].

Game
[MT14, Wan11]. Gap
[PVB17, ZLHD15]. Garbage
[ASV+16, BH12, GTS+15, QSaS+16, Sch13, SKBL11, AGGZ10, BCR13, BP10, BVGV14b, BOF17, GTSS11, KPHV11, KBL14, NGB16, PZM+10, PDPM+16, Puf13, SP10a, MB14, Sie10, SJBL10, UIY10, UJR14].

garbage-collection
[Sie10]. GC
[NGB16, RGM13]. GEMs
[BSMB16].

general
[CHMY15, EKUR10]. generalized
[WT10]. Generating
[HJS+10, RDP16, GRF11, KS14, MHB013].

Generation
[AGM+17, BH17, CRJ+10, PPMH15, PSNS14, RO12, UMP10].

generations
[BOF17]. generators
[SLF14].

generic
[DDM11, Fer13, HH13, ZPL+10, eBH11].

generic
[AS14, Grl17, PBMH13]. Genetic
[YCYC12]. Genotyping
[YCYC12].

GeoGebra
[ABK+16]. geosciences
[MCY+10]. German
[Sch13]. get
[Ame13].

Getaway
[SLES15, SLE+17]. Gets
[BH12].

getters
[Mill13]. Getting
[GMT14]. Giga
[DHS15]. Giga-scale
[DHS15]. glimpse
[SP16]. Global
[PE11]. Global-Scale
[PE11]. Giotar
[SLS+12]. go
[LWB+15].
Goldilocks [EQT10]. Good [dGRdB+15].
Google [MGI17, Sani12]. GPGPU
[PQTGS17]. GPGPU-accelerated
[PQTGS17]. GPU [PKO+15]. GPUs
[Host12]. grade [CRJ+10]. Gradual
[RSF+15, SFR+14, TSD+12, Sie17]. grained
[DRN14]. grammars [GN16, SHU16].
granularity [CZ14]. Graph
[dDMRH12, BS13]. Graphical [SL+12].
Graphics [Cec11, LLL13]. graphs
[AdCGGH16, DSEE13, JWMC15, PULO16].
green [BRGG12]. Greenfoot [Köl10]. grid
[SVG12, VWJB10, MZC10b]. Gridifying
[MZC10b]. grounded [EV13]. Growing
[EKR+12]. growth [LDL14]. guarantees
[JWMC15, ZHCB15]. GUI
[CNS13, VGS14, WBA+11].
GUI-awareness [VGS14]. Guide
[Ame13, Oal14, Rau14, Top11]. Guided
[CNS13, DiP14b, MJP15, GY16, PSNS14,
SSH17]. Guidelines [GGZ+15, HLSK13].

Handling
[KW11, ECS15, HWM14, KW10, WK12].
Hands [CSZ17]. Hands-on [CSZ17].
happened [Han15]. happens [TD15].
happens-before [TD15]. hard
[LTK17, Puf13]. Hardware
[SKKR11, SPS17, CBGM12, IN12, SE12].
hardwired [OUY+13]. hash
[SV15a, SV15b]. hash-array [SV15b].
hashing [GRF11]. HDFS [IRJ+12]. HDL
[OUY+13]. health [EKUR10]. heap
[CSV15, LDL14, TLX17, Tar11, VY10,
YS10, BVGVE10]. heap-manipulating
[YS10]. Helping [RT14]. Hera [MS10].
Hera-JVM [MS10]. Heterogeneous
[ASV+16, HHH+14, Rub14, AYZI10,
ABCR10, DFR13, MS10].
Heterogeneous-race-free [HHB+14].
heuristics [LMK16]. Hidding [RBL12].
hierarchy [BS13]. High [GSS+16, Hol12,
IRJ+12, MSM+16, SWU+15, WN10, Zak10,
BRWA14, Hos12, RFB14, TTD+11, Tgz17,
VWB10, WWH+17, TRE+13].
high-dimensional [TGZ17]. high-level
[Host12, RFB14, VWJB10].
High-Performance [WN10, GSS+16,
BRWA14, TTD+11, WWH+17]. higher
[KT15]. higher-order [KT15]. highly
[BP10, SPF+10]. history [DRN14]. hit
[Ano13]. Hoare [SD16b]. hole [Ano13].
Holistic [MAHK16]. HOP [D'H12]. Hops
[SP16]. hosted [CBLFD12]. hot [LMK16].
HotSpot [Sch13, BOF17]. HotWave
[ABMV12, VBAM10b]. HPC [JQJ+16].
HTM [CHM16]. HTML [Sta10]. HTML5
[HLO15, NKH16, Ano15]. Hunting
[GCC18]. HVM [LTK17]. Hybrid
[CHM16, JQJ+16, JMO14, KCD12, VDV17,
ZMNY14, ZMM+16, ADI13, HyG12, SWB+15].
Hybris [VDV17]. hygienic [DFHF15].
hypervisor [GMC+13].

IaaS [ZLHD15]. identification
[BZD17, FMS+11]. Identifier [SRTR17].
identifiers [FMS+11]. Identifying
[IN12, SVB+17]. if [Han15]. illuminating
[BK14]. Image [WN10]. immutability
[HMDE12, ZPL+10]. immutable [SV15b].
impact
[CMS+12, Gra15, HWLM11, WK17].
imperative [RFRS14]. implement
[HaM17]. Implementation [CSF+16,
GPT12, HM12, OA17, VGRS16, YP10].
implementations [CSS+16, OJ12].
Implementing [FFF17, GM12, WCB16,
EEK+13, FBH17, PMP+16]. implications
[BRGG12]. implicit [IvdS16, SPAK10].
imply [BRGG12]. Improve [QS+16].
Improved [KRR+14, UIY10, OJ12, XHH12].
Improving [ACS+14, HWI+12, TWSC10,
eBH11, UTO13]. in-depth [Rau14].
in-place [DV13]. incremental
[DS16, ELW15, UIY10]. independent
[IF16]. industrial [CR+10]. inefficiently
[XR10]. inefficiently-used [XR10].
Inference [BO13, HY13, AGGZ10].

[GGRSY17, JTO12, GGRSY14, GGRSY15].
Locking [FC11, NFV15].
Lock-free [SPS17, DD13, HWI12].
Locks [GMS12, SD16b].
Lock-loop [ZZK13].
Locking locality [SP10b].
Lock-free [WGF11].
Lock-free [WGF11].
[SDM12].
Lock [FC11, NM10, NFV15, UMP10].
Lock-free [GGRSY17, JTO12, GGRSY14, GGRSY15].
Locking [FC11, NFV15].
Locking [FC11, NFV15].
Lock-free [GGRSY17, JTO12, GGRSY14, GGRSY15].
Locking [FC11, NFV15].
Lock-loop [ZZK13].
Locking locality [SP10b].
Lock-free [WGF11].
Lock-loop [ZZK13].
Locking locality [SP10b].
Lock-free [WGF11].
[ETR15, LL15].
Low-Budget [GM12].
Low-latency [ETR15].
Low-level [WGF11].
Low-overhead [ZHC15, ZFK16].
Low-utility [XMA10].
lunch [DTLM14].

malware [CSK17]. Managed [MAHK16, BM14, CBGM12, GTL10, ZIvdS17]. Managed-Language [MAHK16].
Management [Pau14]. AHK15. BVGV14a, EKUR10, HB13, KCP17, KB17, Nil12b, PCL14, SWB15, Tar11, WGW11].
memoaization [TPG15]. Memory [BG17, JYKS12, SS14, AHK15, AGGZ10, BSMB16, CWW13, DLZ13, DVL13, FC11, FF10, GYB11, HHB14, HB13, KHL17, KCP17, KB17, Loc13, MSM10, Nil12b, OMK10, RV17, SMS12, SMN12, SWB15, SV15a, Tar11, TVD10, WGW11, XR13, ZP14, ZHC15, ZBB17]. MemSAT [TVD10]. Mergesort [LL15]. merging [TLX17]. Message [KF11, ETTD12, TRTD11, TTD12, UR15].
metaprogramming [PS11]. Method [AC16, BVGV14a, GD12, AST12, AJL16, HMD12, SS16, VBMD16].
minute [DHS15]. minutes [BTR13]. misconfigurations [MCC17]. Mismatch...
[YCYC12]. misses [IN12]. Missions
[WCB16]. Mistakes [BA17]. Mitigating
[KC12]. mixed [CL17]. Mobile
[GM12, GPT12, MV16, XHH12, GGC18,
KF11, MZC10b]. Model [CSF+16, CDG+17,
CCA+12, DLR16, JYKS12, MSM+16,
MCC17, MV16, BVGVEA11a, CHM13,
CWW13, CV14, DLZ+13, GY16, HAW13,
Loc13, LSSD14, MLT17, MSM+10, PSW11,
RR14, RBV16, RAS16, RDF15, SN+12,
SSG+14, VWW10, ZP14, ZXL16].
Model-Aware [JYKS12]. Model-based
[MCC17, PSW11]. model-driven [CHM13].
Modeling [GBC12, JC10, KSPK12, LDL14,
Rey13, CRAT+12, SKR17, TLX17, ZIvdS17].
Modelling [CSZ17]. Models
[CC15, PE11, ZLCW14, AGR17, HHH+14,
TVD10, ZBB17]. modern
[FIF+15, Hav11, JK13, KB17, GWG+11].
modernization [Ni12a]. Modular
[IvdS16, LN15, RDCF12, MRA+17, RO12].
Modularisation [SDM12]. modularity
[SPAK10]. module [KR12]. Modules
[PiLCH11]. monad [GSD+15]. MongoDB
[Guo17]. Monitoring
[AGR12, DJLP10, ES14, KF11]. Monitors
[BLH12, HM12]. mori [CPST15].
movement [NCS10]. MPI
[RAS16, SZ11, VGRS16]. MPI-based
[SZ11]. MPJ [JQJ+16, TTD12]. MrCrypt
[TLMM13]. MS [FH16]. Multi
[PTO12, RHE9, DSEE13, Fee16, FC11,
GSS+16, IHWN12, MS0, Puf13, SE12,
SKBL11, TRTD11, Tar11, WRI+10].
Multi-Core [RHE9, MS10, TRTD11].
multi-cores [SKBL11]. multi-engine
[Tar11]. multi-language [Fee16, GSS+16].
multi-level [IHWN12]. multi-processor
[Puf13]. multi-stage [WRI+10].
Multi-threaded
[PTO12, DSEE13, SE12, Taf13].
multi-version [FC11]. Multicore
[ASV+16, CCH11, MKG+17, SE12,
SSMGD10, TWI+10]. multilevel [JK13].
multiphase [GvRN+11]. Multiplatform
[ZKB+16]. Multiple
[AF12, ASF17, HHS+13, CV15, DD13].
multiplexing [BVGVEA11].
Multiprocessing [VGS14].
multiprocessor [PS0, PWA13, SPS17].
Multiprocessors [KW11, RS12].
Multithreaded
[KKW14, SR14a, BNS12, DJLP10, Fer13].
Multithreading [CHI11]. multivariate
[A011]. Mungo [KDPG18]. MuscalietJS
[RCH+14]. Mutagenic [YCYC12].
multivariate [FR+17]. Mutation
[MP05]. mutators [AHK+11]. MySQL
[Ano15].
Names [SRTR17]. Naming
[STST12]. Native
[JQJ+16, LT14, LT14, KFBK+15, STS+13].
Natural [LL15]. naturalness [HB+16].
NDetermin [BENS12]. nested
[CHM16, ZLB+13]. Netflix [Liu14].
Network [CC15, GGC18, RR14].
Networking [Hol12]. Networks
[AFGG11, ETR+15]. neuromorphic
[HNTL12]. next [CR+10]. NG2C
[BOF17]. Nixon [Ano15]. No [BVGVEA10].
No-Heap [BVGVEA10]. NoCs [PWA13].
Node [HC11, BJKBK12]. Node.js
[BSMB16, MLT15, Ano14]. nodes [DRN14].
Nominal [BO13]. Non
[BVGVEA11b, BSOG12, GZ+15, TD17,
YKM17, MZC10a, OM+10, ZP14].
Non-Adequate [GZ+15].
non-cache-coherent [ZP14].
Non-equivocation [TD17].
Non-functional [BVGVEA11b].
non-intrusively [MZC10a]. Non-Java
[YKM17, OM+10]. Non-termination
[BSOG12]. Nonblocking [RTET15, SP10a].
Nondeterministic [RB15, BENS12].
noninterference [IF16]. Nopol [XMD+17].
NoSQL [DFR13]. Notation [Sev12a].
Novel [NK10, MZC10b]. November
[Hol12]. Novice [BA17]. Novices [RT14].

NXT [SWF12].

Obfuscated [KCD12]. obfuscation [CCFB15]. obfuscations [CSK17]. Object [CGT17, GS11, LZ12, NBW+15, PTHH14, PilCH11, Sev12a, SW12, AST+16, BZD17, DDDF17, FMBH15, IvS16, MME14, MHB013, RDF15, UJR14, VM10, WM10, ZCdSOvdS15, Zha12, ZD514, hEYJD12].

Object-Bounded [NBW+15]. object-constraint [FMBH15].

Object-Oriented [GS11, PTHH14, AST+16, DDDF17, MHBO13, PTHH14, RVP11, VM10, VBAM10b, WBA+11, ZDS14, hEYJD12].

Objective [Sta10]. Objective-C [Sta10].


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optional [CMS+12]. Oracle [LMS+12, Sam12]. ORB [OUY+13].

Order [SGD15, JhED11, KT15, TD15]. ordering [KC12]. Orders [BNE16].

ordinary [MZH10a]. O'Reilly [Ano15, Bro12]. Oriented [ABMV12, BH10, GS11, AST+16, DDDF17, EABVGV14, MHBO13, PTHH14, RVP11, VM10, VBAM10b, WBA+11, ZDS14, hEYJD12].


out-of-order [JhED11]. output [KM10].

Over-exposed [VBDM16]. overhead [BCR13, ZBC15, ZF+16]. overlay [CDT10]. Overloading [PQD12].

overview [Nil12b]. own [MPM+15].

Ownership [ZPL+10, BDTS13, DDM11].

PaaS [ZLHD15]. Package [SLS+12, CRAT+12, MB12, OW16, AK13].

Packages [PilCH11]. panic [Ano12].

Paper [DDDF17, PDPM+16, SV15a].

Papers [DVL13, HL13, LMK16, PV13].

Parallel [DS16, Esq11, LLL13, MKG+17, NKH16, QSaS+16, RD15, RS12, BP10, BDP13, BSMB16, CRP+10, NG12, NG13, PPMH15, Siel0, SZ11, TTD12, Ta13, VY10, WN10].

Parallelisation [GS11]. Parallelism [NKH16, BENS12, HSSH13, MZC10a, RHSD15, TWL12, ZLB+13].

parallelization [SS16, YRHBL13].

parallelize [LPA13]. Parallelizing [NKH16, hEYJD12]. parameters [GBS14].

Parametric [AGGZ10, PULO16, UTO13].


Partially [BL12, BCR11].

Partitioning [AD16, BS12].

party [FOPZ14, LVG10].

passing [ETTD12, TRTD11, TTD12, UR15].

Path [SGD15, DD13, HSSH13, SMD10]. path-length [SMD10]. Path-Sensitive
Pathfinder [RR14]. patient [EKUR10]. patient-level [EKUR10].
pattern [GSD+15, SAdb+16]. patterns
[GVGVEA11b, Ste10]. PayPal [Ano14].
PCR [YCYC12]. PCR-RFLP [YCVC12].
PE [JB12]. PE-Key [JB12]. perceptible
[JH11]. Perfect [SLE+17]. Performance
[CSZ17, CCH11, DR10, GBC12, Hol12, 
HJ12, MSM+16, Oak14, OCF114, QSaS+16, 
TRE+13, TPG15, THC+14, WN10, ACS+14, 
AAB+10, BRGG12, BRWA14, CBGM12, 
Dei11, GSS+16, HWI+12, IRJ+12, JH11, 
ODL15, PSNS14, SE12, TTD+11, TWX+10, 
WHIN11, WWH+17, Zak10].
performance-guided [PSNS14].
permission [HBT12, SNS+14]. permits
[PPS16]. Persistence [LZ12]. Perspective
[YHY13]. Pert [LZ12]. pervasive [MHC10].
PHALANX [VYY10]. phase [KC12].
phase-ordering [KC12]. phoneME
[RDCP12]. Phosphor [BK14]. PHP
[Ano15, TTS+10]. Phynx [EKUR10].
Physics [Zak18, JEC+12]. pickler
[MHC13]. pickles [MHC13]. pipeline
[LP13]. pipelines [CRP+10]. Pivot
[AD16]. place [DVL13]. Plan [DLZ+13].
Platform [AFGG11, PE11, BD17, CRJ+10, 
GMc+13, MKZ+14, PWA13, YP10].
Platforms
[DR10, Has12, BP10, JMO14, KSR14].
PLDI [FLL+13]. pluggable [MME+10].
Point [Jaf13, AJL16]. pointer [TL17].
Pointers [KKN+18, AT16]. Points
[HK12, SDC+12, DHS15, SBK13, TLX17].
Points-To
[SDc+12, DHS15, SBK13, TLX17]. Policies
[FHS12, MPS12, BVGV14a]. policing
[DW10]. policy [JK13]. polyglot [EV13].
Polymorphic [Zha12]. polymorphism
[GMT14, PUL016, UTC13]. POPL
[BCR13]. Popular [Has12].
Popular-but-But-Similiar
[Has12]. portable [LTK17, RGM13]. portal
[MCY+10]. Power [MV16, Pau14, BRGG12, 
CBGM12, THC+14]. pp. [Bro12]. PQL
[RS12]. Practical [AMT17, JACS10, 
SLES15, VS10, WWH+17, FIF+15, WTL10].
Practice [HGC11, AS14, EKUR10, 
LWC17, TRE+13]. practices [CJ17, YW13].
pragmatic [RO12]. pre [SBK13].
pre-processing [SBK13]. Precise
[PIR17, XR13, BHSB14, CVG+17, HyG12, 
PG12, RGM13, TLX17]. precision
[RSB+14]. Predicate [PL12]. predictable
[LT17]. Predicting [BSA14, RVK15].
prediction [ZWZ+14]. presence [ZBB15].
preserving [AK13]. pressure [DTLM14].
pretenuring [BOF17]. Preventing
[MSSK16]. Primer [YCYC12]. primitives
[BJK12]. Principles
[HGC11, JEC+12, VM10]. Printing
[AJL16]. Prioritized [NGB16]. Priority
[ASV+16, HM12]. Privacy [And14].
Proactive [CL17]. PROB [YP10].
Probabilistic [RB16, GY16, ZWZ+14].
Problem [YHY13, ZW13, J+12, KC12].
problem-solution [J+12]. problems
[TPG15]. Proceedings [Hol12, KP15].
Process [SK12, AG17]. Processes
[BMDK15]. Processing
[LLL13, WN10, SBK13, SSG+14, UJR14].
Processor
[TKL+15, Psu13, SPPH10, SMN+12].
Processors [ASV+16, MKG+17].
producers [DAA13]. product
[BTR+13, KAT12, KVRHA14, SV17].
product-based [KVRHA14]. production
[RGM13]. professionals [JACS10]. profile
[VSG17, WK17]. profiler [DTLM14].
profilers [MDHS10]. profiling
[DD13, JH11, KR16, NK10, RCB17, 
SSB+1a, STY+14, THC+14, XJR13, ZBB15].
Program [BGK17, KKW14, RVK15, RT14, 
ZKB+16, AO11, DS16, GMS12, HCN14, 
JLL17, JWM15, KM10, KMN16, 
MKZ+14, NS13, SCH10a, SPY+16, TABS12, 
WGF11, ZMB+14]. Programmable
[OA17, AYZI10]. Programmers
Programming
[AFGG11, ABMV12, BCR11, Bro12, BA17, DLPT14, HWMI1, HGCA11, Köl10, KS PK12, LM15, McK16, PTML11, RSI12, RB15, SS13, Sub11, Alt12, AMW15, BCvC+13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMBH15, Han15, HA13, Hav11, Lew13, MSM+10, MvH15, OW16, PTF+15, RVP11, RFBJ14, SNS+14, SGG+17, TB14, UFM15, VWJB10, VBAM10b, Wam11, WRI+10, WBA+11, ZWSS15].

Programs
[AGR12, BH17, BR12, BMOG12, GS11, JB12, LTD+12, STST12, SS12, SDM12, SR17, XMD+17, ZLCW14, ASdMGM14, AdCGGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, Fer13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PL12, RR14, RAS16, RLBV10, SMS+12, SZ11, SJS10, SH16, Taf13, YS10, dCMNN12, hEYJD12].

progress
[Sie17, ZHCB15].

Projects
[ZMM+16, CJ17].

Projekte
[Ric14].

Proof
[LL15].

Proofs
[BMOG12].

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[IvdS16, PQTGS17].

Properties
[BM10, RKV15, SS12, FWDL15, SD16b, YS10].

Protecting
[MPS12].

Protein
[YHY13].

Protocol
[GM12, FGR12].

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[PWA13].

Provably
[AdCGGH16, DJLP10].

proving
[AGH+17, Taf13].

Proxies
[VM10, Ewu13, KT14].

PSE
[KS15].

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[PPMH15, SLF14].

published
[LSBV17].

pure
[SS16].

Purely
[RS12, NFV15].

Purely-Declarative
[RS12].

purely-functional
[NFV15].

Purity
[NSDD17, HMDE12].

Python
[Ric14].

Quality
[BNP11, CCFB15, WKJ17].

Quantitative
[CPV15, GYB+11, MRA+17].

queries
[GK15, MRA+17, SGG+17].

queries-
[FWDL15].

Quicksort
[AD16].

R
[KMMV14, NL14, SLS+12, Vit14].

Race
[BH10, EP14, RD15, AMT17, EQT10, HHH+14].

race-aware
[EQT10].

races
[FF10, WCG14, XXZ13].

Racket
[YK14].

read
[NM10].

read-only
[NM10].

Reading
[Jaf13].

realtime
[OUY+13].

Reasoning
[LN15, ABK+16, MLT17].

Recall
[BIvdS17].

recipes
[J+12].

recompilation
[NED+13].

Reconfigurable
[OUY+13, STY+14, MLT17].

recognition
[LBM16].

reconstruct
[CRAJ10].

Reducing
[MV16, WHIN11].

Reduction
[BO12, TD15].

redundant
[HLO15].

Refactoring
[AS14, STST12, ZHL+12, FMM+11, FM13].
Reference [Sch14, UJR14, HMDE12].
refinement [GY16, JLP+14, KSW+14, ZMG+14, ZFK+16].
Refl exes [SPP+10].
regions [AC10].
register [ZY+12].
register-based [ZY+12].
Regression [MM12].
regular [PIR17].
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Reified [GBS14].
Reim [HMDE12].
RelmInfer [HMDE12].
relation [TD15].
relational [MLGA11].
relationship [LSBV16, LSBV17, SH12].
relaxed [DNB+12, KHL+17, PPS16].
relaxed-memory [KHL+17].
Release [Ano14].
reliability [HWLM11].
relying [IN12].
Remodularizing [OJ12].
Remote [BVGVEA10, BVGV14a, BJJK12, GSD+15, BVGVEAFG11].
removal [MRMV12, WGF11].
removing [PLR14].
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replacement [BCD13].
Replay [BH12].
replication [CJ17, UY10].
replication-based [UV10].
report [CBLFD12, Sch10a].
Reports [OW16].
repository [HC10].
reproducibility [Vit14].
reproduction [SR14b].
requirements [AGGZ10].
ResAna [KvGS+14].
Research [SR17, TRE+13, CRJ+10, CBLFD12, EKUR10, Rub14, VBMMP16, Vit14].
Resource [BVGV14a, ADI13, ES14, KvGS+14, KSR14, SGV12].
resource-aware [SGV12].
resource-based [AD13].
sensitive [SP+10].
sensitiveness [PSNS14].
restart [CNS13].
Retention [ZMM+16].
Rethinking [Xue12, RCR+14].
retrofitted [TT+10].
retrofitting [LPBK14].
reusable [HC10, MME14].
reuse [WR10].
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Review [Ano14, Bro12, EKUR10].
Revisited [Mei14, Gou11].
rewriting [HLO15].
RFID [AYZ+10].
RFLP [YCYC12].
richer [CV14].
rigor [Vit14].
Rigorous [AGR17].
Rise [DiP18a].
risk [MPM+15].
River [HHSS13].
RJ [OW16].
Road [RXK+17, SWU+15].
Robin [Ano15].
Robotic [DiP18b, LM15].
Robots [SWF12].
Robust [VM15, VD17, MKZ+14, SGV12, VM10].
row [Lei17].
row-typed [Lei17].
RTSJ [ZW10].
Rubah [PVH14].
rule [QLBS17].
Rules [CCA+12, HLO15].
runtime [WAB+11].
Running [HC11, TWX+10, YK14].
runs [FIF+15].
Runtime [BLH12, MAHK16, MSS10, NBW+15, OCFL14, XMA+14, BRGG11, EQT10, GTL+10, GSS+16, LMK16, MS10, OOK+10, PKC+13, RO12, STY+14, TWS10, VBAM10a, YRHB13, dCMN12].
runtimes [BMI4, CSV15, RCR+14, WWH+17].
Safe [Eug13, GvRN+11, JTO12, MPS12, RSF+15, SWB+15, WAB+11, HIJ+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WWS13].
Safety [RS12, SDH+17, WCB16, ZLCW14, AGR17, EKUR10, GMC+13, Nil12b, PG12, SD16b, Taf13, YS10, CWW13, HL13, IWC17, WK12].
Safety-Critical [WCB16, ZLCW14, RS12, SDH+17, AGR17, CWW13, LWC17].
Salespoint [ZDS14].
Salt [Ho12].
SAM [BO13].
San [KBP12].
Sane [MPS12].
Satin [VWJB10].
SAW [CFH+13].
Scaffolding [RT14].
Scala [SMS+12, AT16, Hin13, Lew13, PTML11, SMSB11, SMS+12].
Scala-Based [PTML11].
Scala.js [DS16].
Scalability [CCH11, AAB+10, DSEE13, GTSS11].
Scalable [BBB+17, BS12, DFR13, GGRS17, HC11, JQJ+16, RXK+17, RTE+13, XMA+14, ETID12, FC11, GGRS15, NFV15, PIR17, RTET15, TTD12].
ScalaLab [PTML11, PML14].
scaler [PQTG17].
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scenarios [AMWW15, Sch13].
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scheduler-independent [IF16].
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scheme [XHH12]. SCHISM [PZM+10].
Science [HWM11, VF10, SGV12], sciences [NL14]. Scientific [Esq11, PTML11, TAF+18, WN10, FRGPLF+12, PMTL14].
scientists [Bra14]. SCORM [HC10]. Scrap [ZCdsOvdS15]. Script [MSSK16].
Scripting [CSGT17, KKK+17, HBT12, KRR+14, PMTL14, Zha12]. SE [LYBB14].
Seamless [OwKPM15]. Search [SED14, DDDF17]. searching [ETR12].
self-collecting [AHK+11].
self-composition [AGH+17]. self-hosted [CBLFD12], self-optimizing [HWW+15, MD15]. Self-stabilizing [hED12].
Semantic [GGRSY17, RvB14, BNS12, GGRSY14, GGRSY15, OA17].
Semantics [BO12, BR15, Kri12, LML17, SPY+16, AK13, FBH17, FZ17, KHL+17, Mil13, MT14, PSR15, PPS16, ZHCB15].
sequence [ZWZ+14]. Sequent [FFF17]. sequential [BENS12, DMS11].
serialization [MHBO13]. Seriously [Kie10].
Server [HC11, KRH16, D’Hi12, De11, HWLM11, R+13]. Server-Side [HC11, KRH16, D’Hi12]. Service [BVEAGVA10, SDM12, EABVGV14, HWLM11, KF11], service-oriented [EABVGV14]. services [MZC10b]. session [KDPG18, FGR12]. Set [SBK13].
Similarity [Dei11]. Simulating [LM15].
Simulation [HWLM11, KKW11, ZXL16].
Simulation-based [HWLM11]. simulations [MCG+10]. Simulator [MKG+17, RXK+17]. single [JK13].
smalltalk [FIF+15, HKVG14]. Smart [GMPS12]. Smartcard [RBL12].
SMArtOp [TGZ17]. Smartphones [RT14].
SMARTS [RXK+17]. snapshots [AST12].
Snippets [SWU+15]. SNP [YCYC12]. SoC [TKL+15]. social [GGC18]. soft [JACS10].
Software [BSA14, CC15, Wan11, YQTR15, BMSZ17, BTR+13, CBGM12, CFH+13, CJ17, DVL13, EKUR10, FRGPLF+12, FC11, HBG+16, JiED11, LPA13, MHR+12, NGB16, OIA+13, PLL+18, RAS16, SV17, XR13, YRHBL13, ZKZ13, ZHCB15, ZDS14].
Solidity [Dan17]. Solution [KS15, EKUR10, J+12]. Solving [SED14, FMBH15]. Sound [BO13, BGK17, LE16, BHSB14, ELW15, PPMH15]. soundly
Source [BSA14, GD12, MM16, RLMM15, SRTR17, SED14, AK13, CJ17, DRN14, EKUR10, FMS+11, OJ12, PMP+16, ZWSS15].
source-to-source [AK13]. sources [IN12].
sparse [TGZ17], sparse-matrix [TGZ17].
spatial [MLGA11], Speaking [Rau14, Sam12].
Special [DVL13, Fox17a, HL13, HGCA11, Puf13, HTLC10, RHT13, HTW14, VK12].
specialization [KRR+14, SV15a], specific [CSdL16, EKK+13, HWW+15].
Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, TWNH12, BVGVEA11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMMN12].
specifications [BENS12, TVD10], specified [BCR11].
Specifying [BNS12, HL13].
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SPOON [PMP+16], spot [LMK16], SPUR [BBF+10], SQL [KMLS15]. SqueakJS [FIF+15], SSNTDs [VSG17]. Stability [BSA14, LL15].
stabilizing [hED12], stack [KRCH14, Xue12], stack-based [KRCH14], stage [WRI+10], staged [SC16], staging [RO12]. standard [LMS+12].
Standardization [TWNH12], StarL [LM15]. State [AGR12, BLH12, MvDL12, MS14, GN16, YP10], state- [YP10].
statecharts [MS13]. Statement [XMD+17, PLR14, ZWSS15], statements [PLR14].
Static [BGK17, BNE16, JC10, MTL15, ODL15, PiLCH11, RD15, SW12, SH12, AM14, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLMM13].
statically [BTR+13, NED+13], statistical [Bra14, ZFK+16], statistically [PPMH15].
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