A Bibliography of Publications about the *Java Programming Language*, 2010–2019

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14 October 2019
Version 1.209

Abstract

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

Title word cross-reference

3 [DiP18b, FLZ18, GBC12, JEC12, ZXL16]. $39.95$ [Ano18]. 4 + 1 [SRB18]. $t_P$ [LTK17]. $C_P$ [AO11]. $K$
[PLL18, SS19, SD16b, SGG17]. $N$
[ADJG19, WZK19]. $Z_P$ [AO11].


[WZK19].

/multi [Taf13]. /multi-threaded [Taf13].

'12 [Hol12]. 12th [Fox17a].

2015 [LSBV17]. 27th [KP15].

5 [KHR11].

6 [Jen12].

7 [Ano15, EV13, J12]. 75 [HWM11].

8 [BKP16, CWGA17, LYBB14, SadB16, UFM15].
[FH16, MPM+15, TWHN12, WA19, YKSL17]. APIs
[HBS16, RDP16, Sam12, SRB18, VM10]. app
PiLCH11, PE11, RBL12, RT14, SGD15, SLS+12, ST15, SWF12, AYZ10, AST+16, AD13, BBP+10, BBP13, BB17, BL15, CDTM10, CSKB12, CJ17, CJ19, CPST14, CPST15, EKUR10, GT10a, GMC+13, HWMI14, HWI+12, HOKO14, HWLM11, IHWN12, IRJ+12, JEC+12, JMO14, KATS12, KS13, KRCH14, KvRHA14, KS14, Lon10a, Lon10b, MCC17, MB12, MCY+10, PDP+16, PSW11, SZ11, SBK13, SMP10, SPY+16, SV17, SNS+14, UXI10, UPR+18, VSG17, XHH12, YP10, YKA+19, ZYZ+12.


C [BB12, CDG+17, GBC12, KB11, LSBV16, LSBV17, NED+13, SKR17, Sta10, Zak18, ZWS15]. C# [SSK13]. C/C [BB12, NED+13]. CA [KP15]. cache [IN12, ZP14]. caches [NGB16]. calculations [VSG17]. Calculi [FFF17]. calculus [AH10, PS10a]. Call [FGR12, PULO16, ZWZ+14, Xue12, SSB+14a].

Cassandra [FRM+15], casts [SH12].
categorising [CMM17], Catena [TD17].
Causal [MRF18]. Causes
[OBPM17, FRM+15]. CAV [KP15], Cay
[Gve13]. CC [LSBV16, LSBV17], CCA
[FLZ+18, ZXL16]. Center [Hol12], centric
[DHM+12, FOPZ14]. CERT [LMS+12].
chain [KSR14]. Challenges
[GM12, SWMV17, Sie17, SR17]. Change
[YQTR15, MPR12]. Changes
[SV15b, SV17]. Chip
[PS10b, Puf13, RS12, SPS17].
channels [AGH+17, LS11]. characteristics
[ABC18]. Characterizing [CJ17]. check
[CS12, GvRN+11]. Checking
[BNE16, CSF+16, Cho14, FSK12, JC10,
JYKS12, ABFM12, BHSB14, BSN12,
CVG+17, DLM10, FLL+13, HMDE12,
KATS12, KvRHA14, LT11, RR14, RAS16,
RDF15, TVD10, VYY10]. checkpointing
[SGV12]. checkpointing-enabled [SGV12].
Checks [FMH15]. CHERI [CDG+17],
chip [PS10b, Puf13, RS12, SPS17].
chip-multiprocessor [PS10b].
chip-multiprocessors [RS12]. Choice
[JCMM19, WBM+10]. CICS [R+13].
CIL [BBF+10]. circular [Gun14, SZ10]. Circus
[ZLCW14, MCW19]. City [Hol12]. Class
[BS13, CSF+16, NCS10, CSKB12, HC10,
MM10, SC16, SM12, TSD+12]. Classes
[And14, SVB+17, WT11, CZ14, CS12, SZ10,
TSD+12, VBDPM16]. Classfiles [SD16a].
Classification [PBM+19, SS14]. Classifiers
[BSA14]. Classifying [MHM10, PBB19].
Classless [WzdSOS17]. clicker [HA13].
Client [MS14, OBPM17, CH17, KRH16].
Client-Side [OBPM17, KB16].
Client-State [MS14]. clients [SRB18].
Clojure [ECG12, FH11, VS10]. Cloned
[SSL18]. Closing [ZLHD15]. Closures
[BO11, BO12, BO13]. Cloud [VDV17,
WZK+19, GGC18, LZYP16, TLMM13].
cloud-based [GGC18]. clustered
[PDP+16]. clustering
[MKK+12, MKK+13]. clusters [TRTD11].
Cocoa [Sta10]. Code
[ADJG19, BH17, BNE16, CJ19, HC11,
MSS19, MM16, PKPM19, RVK15, RLMM15,
SRTR17, SVB+17, SV15a, SED14, AGR17,
AK13, CCFBF15, DRN14, FLZ+18, FH16,
FMS+11, IS18, LVG10, MKK+12, MKK+13,
NG13, OJ12, PBB19, PMP+16, PSW11,
RFRS14, RBV16, RVK19, RO12, SSK13,
Ta13, UTO13, VSG17, WKJ17, WGF11,
WBA+11, WAB+11, WWS13, ZHL+12,
ZXL16, ZWS15]. Code-Issue-Introducing
[CJ19]. coding
[LMS+12]. Coefficient [ADJG19]. Coffin
[Teo12]. coherent [ZP14]. Cohesion
[RC17]. Cold [BZD17, WGF11]. Collect
[JCMM19], collected [AGGZ10], collecting
[AHK+11]. Collection
[ASV+16, BF18, GM12, MAK19, QSaS+16,
ST15, URJ18, BP10, BOF17, KPHV11,
KBL14, NGB16, ODL15, PZM+10,
PDP+16, SP10a, SMB14, SJC10, SJBL10,
SKBL11, UY10, UJR14]. Collections
[GS12, Lon10a, Lon10b, PL12, SV15b, SV17].
collectives [ETTD15, TRTD11]. Collector
[BH12, GTS+15, BCR13, BVG14b, Puf13].
Collectorens [Sch13]. collectors
[GTSS11, Sch13, XGD+19]. coloring [SS10].
Colt [BP16, WN10]. CoMA [AGR12].
Combating [NBW+18]. Combination
[BSA14]. Combinatorial [YHY13],
combinators [MHB013]. Combining
[BDGS13, MSS19, MGI17]. commensal
[BRWA14]. comments [PBB19].
Commercial [ZMM+16]. commodity
[BK14]. Common [PiLCH11].
Communication [JQJ+16, RTE+13, SK12,
BJBK12, ETR+15, TTD+11].
communications
[ETTD12, TRTD15, TTD12]. Communities
[ZMM+16]. Compact
[HWM10, HWM11, JDL17]. Comparative
[KB11, KFBK+15, SSL18]. comparing
[MD15]. Comparison [BP16, ADI13,
BJBK12, HH13, KvRHA14, SMS+12].
[AdCGGH16, AJL16, DJLP10, PS10a].
Correctness [LL15, BENS12, Cho14].
Correlation [SDC12, XHH12].
Corrigendum [LSBV17], Cost [MSS19], counter [LSSD14], counters [IN12].
Course [Wan11, Zak12]. Coverage [CSS16, GGZ15, MSS19].
Coverage-Based [GGZ15].
Coverage-directed [CSS16].
CPS [PDDD17]. CPU [PKO15], Crawling [BMSV18, MvDL12], creating [HC10, VBAM10b], Creation [SK12], crisis [AT16].
Critical [HL13, MCW19, WK12, WCB16, ZLCW14, AGR17, DTLM14, GMC13, NM10, Nil12b, RS12, SDH17, CWW13, IWC17].
Cross [GSS18, MDM17, OTR18, AMWW15, BKC13, GSS16, KMZN16].
cross-cutting [AMWW15].
Cross-Language [GSS18, MDM17, GSS16], Cross-Layer [OTR18]. cross-program [KMZN16], cross-thread [BKC13].
Crowdsourcing [BH17]. CrowdSummarizer [BH17].
Cryptography [GPT12]. CSS [Ano15, HLO15, Sta10]. Curve [GPT12], customizations [LVG10], customized [HB13], cutting [AMWW15].
Cyclical [BMOG12, RS12].

D
[DiP18b, FLZ18, GBC12, JEC12, ZXL16].
DAA [DR10]. Data [Bra14, BMOG12, BA17, BF18, GM12, GTS15, GT10b, NKH16, NBW15, NBW18, TAF18, YWW18, dMRH12, BK14, BB17, BOF17, BBXC13, BJBK12, CDM10, CRP10, DFR13, DHM12, EKUR10, FOPZ14, KB17, LDL14, MRA17, NL14, SAdB16, SSG14, SGG17, UMP10, WKJ17, WCG14, XXZ13, XMA10, XGD19, ZIvdS17]. data-centric [DHM12, FOPZ14]. Data-Intensive [NWB18]. Data-Parallel [NKH16, CRP10]. database [Dei10, EKUR10, TABS12]. databases [EKUR10, MLGA11]. Dataflow [BR12].
Datalog [ZMG14], dataset [MDS17].
David [Kie13]. Days [Sev12b], DBT [KS13], dead [SK13], Deadlock [CHMY19, CHMY15, SR14a, SR14b]. Dean [Bro12], debugging [ASdMGM14, BM14, KS14, TB14, ZFK16].
December [LSBV17]. Deciding [SGD15].
decision [RBV16]. Declarative [DRN14, RS12, FOPZ14, WCST19, MME10].
Decomposition [AGH17, PLL18], deconstructing [ACS14], decoupled [LPA13], deduplication [HOKO14].
Default [BG17, SNS14], defects4j [MDS17], defined [FMS11]. Definite [NS12], Definition [SSB14b, AK13, SSB01].
Definitive [Oak14], delegation [GBS13], delimited [PDDD17], DelphJ [GBS13], demand [FWDL15, ZHL12].
demand-driven [FWDL15]. DemoMatch [YKSL17], demonstrations [YKSL17].
Deoptimization [KRCH14], depend [LCW18], dependability [GD10].
Dependence [PDDD17, JWMC15], Dependence-driven [PDDD17], dependences [BKC13, WILL19], dependencies [ELW15].
Dependent [CHJ12, LE16], deploying [R+13], deprecation [SRB18], depth [Rau14].
Design [AC16, ETTD12, MLGA11, Puf13, RTE13, SW12, TRTD11, TKL15, VGRS16, YCYC12, BBXC13, Csis16, GSD15, IRJ12, Lon10a, Lon10b, OA17, SAdB16, SMS11, VM10, Xue12].
Designing [Sev12b, KHR11]. Desktop [GS11], destructive [FF10]. Detecting [BK12, HLO15, PiLCH11, XR10, FF10].
Detection [BH10, BSOG12, KCD12, MS14, RD15, XMA14, AMT17, CSK17, LMK16, LS11, ODL15, PG12, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13].
detectors [LWH10]. Determinacy [AM14], deterministic [DNB12, MvH15].

Development
[ABK+16, AYZI10, MT13, PBM+19, AGR17, BM18, FRGPLF+12, GT10a, PSW11, SKR17, SH12, WBA+11, ZDS14].

Device

Differentiation
[FHP+12, PQD12, SD16a]. digital [JMO14]. dimensional [TGZ17].

Directed

Distributed
[BVEAGVA10, CWGA17, LTD+12, LM15, MAHK16, MRF18, PE11, AdScDr+19, BVGV19a, BVGV19b, CREA10, EAVG14, STCG13, SS19].

distributing

DOM-Based
[GGC18]. Domain [KSPK12, CSdL16, EEE+13, HW+15, PIR17].

domain-specific
[CSdL16, EEE+13, HW+15]. dominance [CPST14]. Doppio [VB14a].

DoubleChecker
[BHSB14]. down [Ker15, ZMNY14]. DRAM [OTR+18]. drf [M+16].

DRFX [M+10, SM+12].

Driven
[CCA+12, BM18, FGB+19, CHM13, FWDL15, HZZK19, LKP19, MTL15, PDD17, SR14b]. drug [EKUR10].

DSL
[KARO12]. DSl [KHR11, RO12, SC16]. DSU [PVH14].

dual [AD16].

Dual-Pivot
[AD16]. Dynamic
[AGM+17, ABMV12, ASF17, CHMY15, CHMY19, MRF18, MdDL11, PTHH14, RDF15, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+11, HB13, KRCH14, KRR+14, KT14, LWH+10, LVG10, MKZ+14, Nil12a, NG12, NED+13, RLBV10, RCR+14, RR14b, SR14b, SJPS10, SH12, TPG15, VBAM10b, WXR16, WBA+11, WAB+11, WWS13, WWH+17, ZBB15].

dynamic-memory
[GYB+11].

dynamically
[CE14, CMS+12, hEYJD12].

Dynamo
[BDB11].

e-Science
[SGV12]. ease
[DRN14]. Easy
[Jaf13, CRP+10]. economic
[CV15].

economics
[SBJL10].

Edition
[Ano15, Gve13, LYBB14]. editor
[EKR+12].

Editorial
[Fox17a].

Editorials
[RB17, HTW14, RHT13]. EdSketch
[HZZK19].

EDSLS
[RDP16]. Educator
[BA17].

EE
[Jun12, MCC17].

Effect
[JK11, CCBF15]. Effective
[BM14].

Efficient
[PB17, BRC+13, FOPZ14].

Effectively
[UR15].

effects
[FH16, HAW13, Lei17].

Efficiency
[OTR+18].

Efficient
[DLV13, GPT12, HWM11, HB13, KT14, KW10, OOK+10, RST+15, RFBJ14, SM+12, TLX17, TD17, AK13, BHSB14, CRP+10, ET12, HWM10, KKK11, MRA+17, MSM+10, Pos19, Sic17, SG12, SWB+15, SV15a, TRTD11, UMP10, VWJB10, XXZ13, ZDK+19].

Efficiently
[FBH17, BKC+13, FOPZ14].

Einsatzszenarien
[Sch13]. Einsteiger
[Ric14].

Elektronik
[Ric14].

Elektronik-Projekte
[Ric14]. Elephant
[RGM13].

Elimination
[RKN+18, GvN+11]. elision
[NM10].

Elliptic
[GPT12].

Eloquent
[Hav11].

emass
[Por18].

Embedded
[RB17, HTW14, JMB12, KARO12, Pau14, SLES15, SLE+17, TKL+15, VK12, D10, Fox17a, GMC+13, HTLC10, KHR11, LMK16, LTK17, OIA+13, RHT13, SC16].
SDH⁺17, SFR⁺14, UIY10, Xue12, ZYZ⁺12. embedding [KMLS15, SC16]. Empirical [LSB16, LSVB17, SS13, WXR16, BBJK12, FH16, HHI13, KPP⁺18, MHR⁺12, NCS10, SH12, Tai13, VBDPM16, VBMDP16].

Employing [CC15]. Emscripten [Zak18]. emulated [THC⁺14]. emulator [KS13].

Enabled [GPT12, DR10, ETR⁺15, RBL12, SGV12]. encapsulation [DDM11]. End [GM12, DAA13]. End-to-End [GM12].

end-user [DAA13]. Energy [OTR⁺18, CL17, PCL14]. energy-aware [CL17], enforcement [IF16], enforcing [JWMC15]. engine [MG17, Ngo12, OUY⁺13, Tar11, Ngo12].

Engineering [CCA⁺12, GT10a, MLM17, MLM19, VF10]. engineers [Bra14]. engines [KRH16, SSG⁺14], enhanced [LMK16, WBA⁺11], enhancement [WCTST19]. Enhancing [BDT10, BVGVEA13, DcSG12, HC10].


Essential [Ngo12]. estimation [LMK16].

etched [VSG17], Ethereum [Dan17]. eval [Mili13, MRMV12]. Evaluating [BGK17, BLH12, MDHS10]. Evaluation [CSZ17, GBC12, JMB12, OCFL14, TTS⁺10, Wan11, CSK17, MRA⁺17, MD15, WWH⁺17, XGD⁺19]. Evulator [JB12]. Event [KW11, MV16, BBP13, KW10, MTL15, WK12, YP10], event-based [BBP13, YP10].

event-driven [MTL15]. EventBreak [PSNS14]. ever [Gra15]. everyone [Hor12].

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Exceptionization [YKM17]. Exceptions [ASF17, AdCGGH16, Hdm17, SMN⁺12, ZBB17]. Execution [MSS19, NNTK17, OwKPM15, SWMV17, HZZK19, JIL17, JhED11, LLL13, MMP⁺12, RCB17, SPPH10], execution-driven [HZZK19]. executions [AsdGM14, PPS16, STR16]. executives [RS12]. Exemplar [ZW13]. exhaustive [DHS15]. exhibitionism [VBM16].

existential [AT16]. Exogenous [BMSZ17]. Experience [ABMV12, OW16, Sch10a, FGB⁺19, CBLFD12, TRE⁺13, WT10].

Experiment [BKPK16, MDS⁺17, HWLM11].


Exploratory [BKPK16, ECS15].

EXPLORER [FWDL15]. Exploring [JK13, JWMC15, SE12]. exposed [VBDPM16]. Express [QJO⁺16].

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Extended [DDD17, FGR12, FLL⁺13, JCI10, LMK16, PDPM⁺16]. Extending [AC10, BVGVEA11a, LPA13, PTHH14].

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Eye-Tracking [OAC18, RLMM15].

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Fingerprints [SRTR17, LTZ14].

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fork [MZE10].

debug [MZE10].

form [GK15].

formal [WY+18].

fork [MZE10].

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fragmentation-tolerant [PZM+10].

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frames [SJP10].

Framework [CCA+12, Den18, FFF17, LM15, PWSG17, PWSG19, RBL12, SEK+19, Ame13, AC16, DDDF17, ER14, FRGPLF+12, JEC+12, KMLS15, Lon10a, Lon10b, MT13, PGA18, PKO+15, RR14, STY+14, ZW10, ZDS14].

frameworks [PPMH15].

Francisco [KP15].

free [DTLM14, FC11, GKS+14, NVF15].

free-form [GK15].

free-lunch [DTLM14].

frequency [ZWSS15].

Frequent [RC17].

Friendly [RBL12], fringe [MB12, MB12].

Full [SRTR17, DRN14].

Full-Word [SRTR17].

Fully [JRF+13, PG12, ZF+16].

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functional-style [UFM15].

functions [LSBV16, LSMV17].

Fundamentals [HC13, Teo13, Gve13].

Fusing [MS13, ETR12, WM10].

fusion [KBPS17].

future [SS16].

fuzzer [Guo17].

Game [MT14, Wan11].

Gap [PVB17, ZLHD15].

Garbage

[ASV+16, BH12, BF18, GTS+15, JCM19, MAK19, QSaS+16, Sch13, SKBL11, URJ18, AGGZ10, BCR13, BP10, BVGVE14b, BOF17, GTSS11, KPHV11, KBL14, NGB16, PZM+10, PDPM+16, Puf13, SP10a, SBM14, SLH10, UIY10, URJ14, XGD+19].

garbage-collection [Slk10].

gary [Gve13].

GC [NGB16, RGM13].

GEMs [SBM16].

General [CHMY19, AdvCdR+19, CHMY15, EKUR10].

general-purpose [AdvCdR+19].
generalized [WT10]. generate [CS12].
generated [BM18]. Generating [HJS+10, RDP16, GRF11, KS14, MHBO13, SKS13].
Generation [AGM+17, BH17, YWW+18, CRJ+10, CMM+10, PPMH15, PNSN14, Rim12, RO12, UMP10].
generics [AS14, Gri17, PBMH13]. Genetic [YCYC12, MT13]. Genotyping [YCYC12].
Giga-scale [DHS15]. glimpse [SP16].
Glotaran [CHM16]. Glotaran [SV15a, SV15b].
Graph [AS14, Kol10]. Graph [EKR+12]. growth [LDL14]. guarantee [JWMC15, ZHCB15].

GUI [CNS13, VGS14, WBA+11].
GUI-awareness [VGS14]. Guide [Ame13, Oak14, Ran14, Teo13, Top11].
Guided [CNS13, Dip18b, MPP15, GY16, PNSN14, SSS17]. Guidelines [GGZ+15, HLSK13].

Handling
[KW11, ECS15, HWM14, KW10, WK12]. Hands [CSZ17, Teo13]. Hands-on
[CSZ17, Teo13]. happened [Han15].
happens [TD15]. happens-before [TD15]. hard [LTK17, Puf13]. Hardware
[MAK19, SKKR11, SPS17, CBGM12, IN12, SE12, ZDK+19]. hardwired [OUY+13].
harness [Kie13]. hash [SV15a, SV15b].
hash-array [SV15b]. hashing [GRF11].
HDFS [IRJ+12]. HDL [OUY+13]. health [EKUR10]. heap [CSV15, LDL14, TLX17, Tar11, VYY10, YS10, BVGVEA10].
heap-manipulating [YS10]. Helping [RT14]. Hera [MS10]. Hera-JVM [MS10].
Herman [Kie13]. Heterogeneous [ASV+16, HBB+14, Rub14, AYZI10, ABCR10, DFR13, MS10].
Heterogeneous-race-free [HBB+14].
Heuristics [MGI14, LMK16]. Hidding [RBL12]. hierarchy [BS13]. High
[GS3+16, Hol12, IRJ+12, MSM+16, SWU+15, URJ18, WN10, Zak10, BRWA14, Hos12, Ngo12, RFBJ14, TTD+11, TGZ17, VVJB10, WWH+17, TRE+13].
high-dimensional [TGZ17]. high-level
[Hos12, RFBJ14, VVJB10].

High-Performance
[URJ18, WN10, GSS+16, BRWA14, Ngo12, TTD+11, WWH+17]. higher [KT15].
higher-order [KT15]. highly
[BP10, SPP+10]. history [DRN14]. hit
[Ano13]. Hoare [SD16b]. hole [Ano13].
Holistic [MAHK16]. HOP [D'H12]. Hopjs
[SP16]. Horstmann [Gve13]. hosted
[CBLFD12]. hot [LMK16]. HotSpot
[Sch13, BOF17]. HotWave
[ABMV12, VBAM10b]. HPC [JQJ+16].
HTM [CHM16]. HTML [Sta10]. HTML5
[HLO15, NKH16, Ano15]. Hunting
[GGC18]. HVM [LTK17]. Hybrid
[CHM16, JQJ+16, JMO14, KCD12, VDV17, ZMNY14, ZMM+16, ADI13, HyG12,
PdMG12, STA18, SWB+15]. Hybris
[VDV17]. hygienic [DFHF15]. hypervisor
[GMC+13].
Improved [SRTR17]. Identifiers [FMS+11].

Identifying [IN12, SVB+17]. if [Han15, STA18]. If-transpiler [STA18].

illuminating [BK14]. Image [WN10].

immutability [HMDE12, ZPL+10].

immutable [SV15b]. impact [CMS+12, Gra15, HWLM11, MPR12, WKJ17].

imperative [RFRS14]. imperative [HBS16]. Implementation [CSF+16, GPT12, HM12, NBB18, OA17, Por18, VGRS16, YP10].

implementations [CSS+16, OJ12, PS10a] Implementing [FFF17, GM12, WCB16, EEK+13, FBH17, PMP+16].

Implementation [HdM17]. Implementation [CSF+16, GPT12, HM12, NBB18, OA17, Por18, VGRS16, YP10].

implement [BRGG12]. Implement [HdM17]. Implementation [CSF+16, GPT12, HM12, NBB18, OA17, Por18, VGRS16, YP10].

implementations [CSS+16, OJ12, PS10a]. Implementing [FFF17, GM12, WCB16, EEK+13, FBH17, PMP+16].

In-depth [Rau14]. in-place [DVL13]. including [Den18]. Incremental [LHR19, DS16, ELW15, UIY10].

independent [IF16, VS11]. industrial [CRJ+10]. inefficiently [XR10].

inefficiently-used [XR10]. Inference [BO13, YHY13, AGGZ10, CGJ+16, HyG12, HMEDE12, Zha12].

inferring [AS14, BENS12]. InfiniBand [ETTD12, IRJ+12]. infinite [ASdMG14].

InfinitBand [ETTD12, IRJ+12]. infinite [ASdMG14].

Inflow [ZMM+16]. influence [MHR+12].

Informa [HA13]. Information [ASF17, HBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, PMTP12, RRB17].

Information-flow [HBS16]. Infrastructure [Den18, NG12, WCST19]. Inheritance [LN15, WT11, AST+16, GBS13, NCS10].

Initial [LTD+12]. initialization [AMT17, MME14]. Initiative [FGR12].

Injecting [ZZK13].-inline [DJLP10].

Inlining [BA12, STA18, HWM13]. insecure [YW13]. Insight [VF10]. instanceof [SMS+12].

Instant [MHBO13]. instantiation [AST+16]. instead [AGH+17, BTR+13]. instrumenting [CZ14].

Integrated [Tan11, YP10]. integrating [SPP+10]. integration [AME13, HKVG14, Sch10].

Intelligent [Pau14]. Intensive [LYM+18, WB+18, SAdB+16]. inter [CMM17]. inter-language [CMM17].


intercession [VM10]. interdependencies [LBF12]. Interface [Liu14, MvDL12, SLS+12, AYZI10, MT14, LT11, LT14].

Interfaces [WT11, Cho14, DLM10, LWH+10, PSNS14, WT10]. interference [YDFF15]. International [Hol12, KP15, Fox17a]. Internetware [LYM+18].

Internetware-Oriented [LYM+18]. Interoperability [GSS+18, GSS+16]. Interpretation [BDT10, DLR16, DLM10, DLR14, NSDD17].

Interpretation-Based [DLR16]. interpreter [D’H12, KMMV14].

interpreters [HWW+15, IvdS16, MD15, ZLB14].

Interprocedural [CPV15, FWDL15, ZMY14]. Interrupting [AST12]. intersection [KT15]. intra [BJB12]. intra-node [BJB12].

Introducing [CJ19, Dan17, DMS11].

Introduction [CIAD13, CSZ17, HTLC10, HTW14, Lew13, RHT13, VK12, Hav11, VF10].

Introductory [BNP11]. intrusively [MAZ10a]. Invasive [ADJJG19].

Investigation [SS13, FH16, Tai13]. invited [Piz17, Sie17]. invocation [SPAK10, SS19, BVGVEA11g].

invocations [BVGV14a]. invokedynamic [OCFL14]. Involvement [ZM+16]. IP [TKL+15]. iPhone [Sta10]. IR [LSWM16].

irregular [AC16]. ISAs [HNTL12]. ISBN
Isolation [AN015, AN018, BR012]. ISBN-13

J [KMLS15]. J2M [LZYP16]. J2ME [GPT12]. J2ME-Enabled [GPT12]. Jaccie [KGS14]. Jacob [LYM+18]. Jalapeno [AGF+11]. JAMES [DDDF17]. JaSTA [HD17]. JaSTA-2 [HD17]. Java [BR012, DEn18, Fox17a, Gve13, HW11, HTW14, MV15, NG012, SCH13, VK12, AO11, KV15, PQTG17, SAaB16, ABC18, AS1M14, AST12, AFGG11, AYY10, AdScDr19, AS14, AAb10, Alt12, AM13, AdCgGH16, AT16, And14, AN012, AN013, ABMV12, AGR12, AGR17, ABCR10, AD13, ABFM12, AK13, BK12, BH17, BM14, BH12, BDT10, BVGVE10, BVEA10, BVGVE11a, BVGVE11b, BVGVE13, BVGV14a, BVGV14b, BS12, BMDK15, BO11, BO12, BO13, BCR11, BGS13, BCD13, BD17, BRGG12, BlvS17, Bla18, BR12, BH10, BR15, BB12, BN11, BL15, BW12, BA12, BZD17, BSOG12, BMOG12, BKP16, BA17, BBJK12, CIAD13, FG19+13, CS17, CI14, CM17, CW13, CV13, CS12, CDTM10, CCFB15, CC15, CR10+13, CWG17, CS16, CS17, CCH11, CJ17, CJ19, CDG17+16, CLe16]. Java [CSD16, CCA+12, CMM+10, CRAJ10, DJLP10, DDDF17, DLM10, DLZ13, DVL13, DR10, DHS15, DJB16, DMS11, ECS15, EKK13, ES14, EQ10, Esql11, EABVGV14, EUG13, EV13, ETTD12, ETR15+13, FLZ1+18, FRGFL12, FGR12, Fer13, FFF17, FL1+13, FHSR12, Fox17b, FMS11, GMPS12, GvRN11, GYB11, GM12, GBS14, GD12, GBC12, GS12, GS12, Gon11, GMC13, GT10b, GJS13, GS14+14, GRT17, GPT12, GK15, HL13, HD17, HdM17, Has12, HW10, HW13, HW14, HA13, HM12, HTLC10, HKVG14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HZZK19, HWL11, HJ12, HW12, IN12, IS18, IF16, JC10, JEC12, JQ1+16, J117, Jen12, JB12, JYS12, JTO12, JH11, J+12, JMB12, JMO14, KHR11, KH1+11, KMLS15, KS13, KW10, KW11, KPP18, KM10, KSR14, KSPK12]. Java

K [KDPG18, KS14, KF11, KB11, LS16, LS17, LMTD12, LM16, LSW16, LLL13, LT11, LT14, LZYP16, LXP18, LYBB13a, LYBB13b, LYBB14, LZ12, LKP19, Loc13, Loc18, Lon10a, Lon10b, LMS12+13, LO15, LPA13, LWC17, LTK17, LS11, Lyo12, MKZ14, MS13, MME1+10, MLGA11, MDS17, MCC17, MPM1+15, MZC10b, MKTD17, MM16, MHH10, MAH12, MB12, MCT+10, MG19, MP12, MLM17, MLM19, MKK1+12, MKK1+13, MSS10, MCV19, MVH15, MT14, MDD10, NM10, NCS10, NS12, NJ12a, NJ12b, NG13, NNTK17, NBB18, OAK14, OK1+10, OMK10, OLA1+13, OUY1+13, OW16, OJ12, OCF114, P11, PLL1+18, PD12, PTML11, PML14, PTHH14, PL12, P1LC11, PB1H13, PBB19, PP1H15, PPM1+16, PQ12D, PVH14, PTF1+15, P1S10a, P1So, PDP1+16, Pos19, PS11, PuF13, PKC1+13, QLS17, RD15, RDCP12]. Java

K [RTE1+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS12, Rey13, Res12, RVP11, RLM15, RB15, RvB14, S1L13, SSB1+14, SE12, SRB18, SRTR17, STST12, SS12, Sch14, Sch13, Sch16, S1Pa, SHH10, SKKR11, SD1+17, Sch16, SMMG10, SZ1O, Set13, SMS11, SM1+12, SM12, SD12, SWMV17, SW12, SGV12, SKBL11, SD16a, SJ1S10, SLS1+12, SKR17, SS14, SABB19, SP10b, SMP10, SPP+10, SWB+15, SSB1, SS14b, ST15, SPS17, SSG14, SS19, STS1+13, Sve14, SWF12, TRTD11, TTD1+11, TTD12, TRE1+13, TLL11, TWX1+10, TFPB14, TWH12, TNN12, TGZ17, TJJ1L18, TJK1+15, UR15, UFM15,
UPR+18, VSG17, VGRS16, VBDPM16, VBMDP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wan11, WZdSOS17, WCT19, WLL19, WBM+10, WK12, WCB16, WN10, WRI+10, WA19, WHV+13, WHIN11, WBA+11, WAB+11, WWS13.

Java [XHIH12, XR13, XM+17, Xue12, YP10, YKM17, YKA+19, YDFF15, ZvdS17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCMMN12, dMRH12, eBH11, iED12, vMdMVD12, De13]. Java-Based [AFGG11, SLS+12, ST15, SWF12, CJ17, CJ19, HOKO14, JMO14, KS13, KS14, MB12, MCY+10]. Java-compatible [ABCR10].

Java-like [BDGS13, BCD13, DJLP10, SZ10].

Java-to-HDL [OY+13].

Java-to-JavaScript [LSWM16].

Java.utils.Collection.sort [dGRdB+15].

Java/JSP [Sch10b]. Java/Scala [Pos19].

JavaBean [MZC10a]. JavaBIP [BMSZ17].

JavaCC [GN16]. JavaCOP [MME+10].

JavAdaptor [PKC+13]. JavaFX [Top11].

JavaGI [WT10, WT11]. JavaScript [Ano15, Kie13, Ric14, Teo13, CH17, AMT17, ACS+14, AHK+15, AGM+17, AMWW15, BCF+14, BBP13, Cec11, CGJ+16, CVG+17, CBLFD12, Cho14, CHJ12, Dei10, Dei11, DcSG12, DiP18a, DiP18b, DFHF15, FMM+11, FM13, FH16, FBM17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHI13, HC11, KR12, KS+W+14, KR16, KT14, Ker15, KFBK+15, Kie10, KBL14, KR19, KARO12, Kri12, LSWM16, Ler10, LGV10, LPGK14, Liu14, LML17, MTL15, MLT17, MPS12, MGI17, MHL15, MRMV12, MII13, MM12, MMP15, Mor18, NK16, NSDD17, OBP17, PWSG17, PWSG19, PGA18, PLR14, PSR15, PLR18, PKPM19, PDDD17, PKO+15, Por18, Rau14, RLVB10, RGEV11, RHN+13, RW17, Ryu16, RPP19, SMN+18, STA18, Sev12a, Sev12b, SVB+17, SDC+12, Sta10, Ste10, SR17, SFR+14, TAF+18].

JUnit [TT11, VM15, VP16, VB14b, Wal12, WCT19, WX16, YW13, Zak18, Zak10, dJM18, BM18, KCD12, Mei14, Ano18, Kie13, Teo12, Teo13].


JDK [SRB18]. JDMM [ZP14].


Js_of_ocaml [VB14b]. JSART [MM12].

JSetL [RB15]. JSON [BB17]. JSormdb [Dei10]. JSP [Sch10b]. JTabWb [FF17].


Just [DLR16, KHL+13, LMK16, MG17, TTS+10].

Just-in-Time [DLR16, KHL+13, LMK16, MG17, TTS+10].

JVM [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, RR17, SV15b, Sub11, WKG17]. JVMs [BK14, ZY+12].


KiWi [BBB+17]. KJS [PSR15].

Knoernschild [De13]. knot [LBF12].
know [DJB16, Gra15, Han15]. Knowledge [KSPK12, UMP10]. known [Han15].
Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14].
Language [DLPT14, GJS14, GJS14, GSS18, JAC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMS17, CsdL16, DAA13, EKR12, Fee16, GSS16, Hos12, HWW15, KRC14, LWH10, LE16, MDM17, SC16, SZ10, SKR17, SNS14, VB14a, WCG14, WWH17, ZWSS15, dCMM12]. language-level [WCG14]. Languages [CSGT17, MSM16, PTHH14, YKM17, AGGZ10, BCD13, CMS12, EEEK13, ER14, FMBH15, Han15, HBT12, HJS10, KRR14, MSM16, NED13, PUL10, SPY16, Zha12]. LARD [WCG14]. Large [BA17, AST16, CCFB15, CJ19, LSVB16, LSVB17, MDS17, MCV10, PTF15, WHIN11].
Lessons [URJ18]. Level [AC16, MG14, SWU15, EKUR10, Hos12, IHHW12, KBL14, LWC17, MG17, RFBJ14, TTD11, VWJB10, WCG14]. leveraging [WCST19]. Lexical [GN16]. Lexicon [TAF18]. Libraries [BK12, RDPC12, BIvdS17, Cho14, EKR12, PMTL14, PLR18, TTD11]. Library [CH17, CWGA17, NBB18, OCFL14, TAF18, WN10, dMJ18, CMM17, PMP16, PQTGS17, Pos19, TFPB14, TGZ17].
[FIF+15, Hav11, JK13, KB17, Mor18, Teo13, WGW+11, ZDK+19]. Modernization [KH18, Nil12a]. Modified [GT10a].


multi-core [RTE+13, MS10, TRTD11], multi-cores [SKBL11], multi-engine [Tar11].


multi-threats [BG+13], multi-version [FC11]. Multicore [ASV+16, CCH11, MKG+17, SE12, SSMGD10, TWX+10].

multilevel [JK13], multiphase [GvRN+11]. Multiplatform [ZKB+16]. Multiple [AF12, ASF17, HLSK13, CSV15, DD13].

multiplexing [BVGEAFG11]. Multiprocessing [BVGEAFG11]. multiprocessor [PS10b, PWA13, SPS17].

Multiprocessors [KW11, RS12].

Multi-threaded [KKW14, Loc18, SR14a, BNS12, DJLP10, Fer13]. Multithreadding [CCH11], multivariate [AÖ11]. multiway [YKA+19].


MySQL [Ano15].

Names [SRTR17], Naming [STST12].

Native [JQJ+16, LT11, LT14, KFBK+15, STS+13].

Natural [LL15], naturalness [HBG+16].

NDetermin [BENS12], nested [CHM16, ZLB+13], Netflix [Liu14].

Network [CC15, GGC18, RR14].

Networking [Hol12], Networks [AFGG11, ETR+15], neuromorphic [HNT12], Next [YW+18, CRJ+10, CMM+10].

Next-Generation [YW+18], NG2C [BOF17], NGS [YW+18], NGS-FC [YW+18] .

Nicolaï [Bla18], Nixon [Ano15]. No [BVGEA10], No-Heap [BVGEA10]. NoCs [PWA13]. Node [HC11, BJBK12]. Node.js [BSMB16, MTL15, Ano14].

Nominal [BO13], Non [BVGEA11b, BSOG12, GGZ+15, TD17, YKM17, MZC10a, OMK+10, SSL18, ZP14].

Non-Adequate [GGZ+15], non-cache-coherent [ZP14], non-cloned [SSL18]. Non-equivalence [TD17].

Non-functional [BVGEA11b], non-intrusively [MZC10a], Non-Java [YKM17, OMK+10], Non-termination [BSOG12].

Nonblocking [RTET15, SP10a].

Nondeterministic [RB15, BENS12], noninterference [IF16]. Nopol [XMD+17].

Normalization [ADJG19]. NoSQL [DR13]. Notification [Sev12a]. Novel [NK10, MZC10b]. November [Hol12].

Novice [BA17], Novices [RT14], null [AT16]. NullPointerExceptions [BSOG12].

NUMA [GTS+15], NumaGiC [GTS+15], number [PPMH15, SLF14].

Numerical [Jaf13, AJL16, Wall12].

Numbers [PPMH15, SLF14].

null [AT16]. NullPointerExceptions [BSOG12].

NUMA [GTS+15]. NumaGiC [GTS+15].

numbers [PPMH15, SLF14].

Numerical [Jaf13, AJL16, Wall12].

Numbers [PPMH15, SLF14].

null [AT16]. NullPointerExceptions [BSOG12].

NUMA [GTS+15]. NumaGiC [GTS+15].

numbers [PPMH15, SLF14].

Numerical [Jaf13, AJL16, Wall12].

Numbers [PPMH15, SLF14].
Partitioning
[AD16, BS12]. party [FOPZ14, LVG10].

passing [ETTD12, TRTD11, TTD12, UR15].

Path [SGD15, DD13, HHS13, SMP10]. path-length [SM10]. Path-Sensitive [SGD15]. pathfinder [KPP12, CS12, MPR12, NNTK17, PdMG12, SM12, vdmVM12, Den18, RR14]. patient [EKUR10]. patient-level [EKUR10].


Performance
[CSZ17, CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFI14, QSaS+16, RVT18, TRE+13, TPG15, THC+14, URJ18, VP16, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Del11, GSS+16, HWI+12, IRJ+12, JH11, Ngo12, ODL15, PSNS14, SE12, TDP+11, TXW+10, WHIN11, WWH+17, Zak10].

performance-guided [PSNS14].


pgs [Ano18]. PHALANX [VYY10]. phase [KC12]. phase-ordering [KC12].


Physics

Platform
[AFGG11, PE11, BD17, CRJ+10, CMM+10, GD10, GMC+13, MKZ+14, PWA13, YP10].

Platforms
[DR10, Has12, BP10, JMO14, KSR14].

PLDI [FLL+13]. pluggable [MME+10].

Point
[Jaf13, AJL16]. Pointer
[LHR19, TL17]. Pointers
[RKN+18, AT16]. Points
[BK12, SDC+12, DHS15, SBK13, TLX17].

Points-To
[SDC+12, DHS15, SBK13, TLX17]. Policies
[FHSR12, MPS12, BVGV14a]. policing
[DW10]. policy [JK13]. polyglot [EV13].

Polymorphic
[Has12, SRB18].

Popular-but-Seemingly-Dissimilar
[Has12]. portable [BM18, LTK17, RGM13].

portal [MCY+10]. Power
[MV16, Pan14, BRGG12, CBGM12, Kie13, THC+14]. pp.
[Bro12]. PQL [RS12]. Practical
[AMT17, JACS10, SLES15, VSI0, WWH+17, FGB+19, Fif+15, WT10].

Practice
[HGCA11, AS14, EKUR10, LWC17, TRE+13]. practices [CJ17, YW13].

Pragmatic
[Ano18, RO12]. pre [SBK13].

pre-processing [SBK13]. Precise
[PIR17, XR13, HBSB14, CVG+17, HyG12, PLR18, PG12, RGM13, TLX17]. precision
[RSB+14]. Predicate
[PL12]. predictable
[LTK17]. Predicting
[BSA14, RVK15, RVK19]. prediction
[ZWZ+14]. presence [ZBB15]. preserving
[AK13]. pressure [DTLM14]. pretenuring
[BOF17]. Preventing
[MSK16].

prevention
[VS11]. Price
[Ano18]. Primer
[YCYC12]. primitives [JBBK12].

Principles
[HGCA11, JEC+12, VM10].

Printing
[AJL16]. prioritization
[MT13].

Prioritized
[NGB16]. Priority
[ASV+16, HMI2]. Privacy
[And14].

Proactive
[CL17, BGS+13]. PROB
[YP10].

Probabilistic
[RBV16, GY16, ZWZ+14].

Problem
[YHY13, ZW13, J+12, KC12].

problem-solution
[J+12]. problems
[TPG15]. Proceedings
[Hol12, KP15].

Process
[SK12, AGR17, GT10a]. Processes
[BMDK15].

Processing
[LLL13, WN10, SBK13, SSG+14, UJR14, ZDK+19].

Processor

Program
BGK17, KKW14, RVK15, RT14, ZKB+16, AÖ11, DS16, GMS12, HCN14, JLL17, JWMC15, KM10, KMZN16, MKZ+14, NS13, RVK19, Sch10a, SPY+16, Tai13, TABS12, UPB+18, WGF11, ZMG+14. Programmers [Esq11, RLMM15, Rau14]. Programming [AFGG11, ABMV12, BCR11, Bro12, BA17, DLPT14, HWM11, HCGA11, Köl10, KSPK12, LM15, McK16, OAC18, PTML11, RSI12, RB15, SS13, Sub11, Alt12, AMWW15, BCvC+13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMBH15, Han15, HA13, Hav11, Lew13, MSM+10, MGS19, MvH15, OW16, PTF+15, RVP11, RBFB14, SNS+14, SGG+17, TB14, UFM15, VVJB10, VBAM10b, Wan11, WRI+10, WBA+11, ZWSS15].


VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABGV14, Fx17a, GMC+13, HTLC10, KHM+11, KPHV11, KvGV14+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10b, PZM+10, PSW11, Pu13, RHT13, SP10a, S16, S17.

Real-Time
[BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, Nil12a, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABGV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KvGV14+14, KW10, KSR14, LTK17, PS10b, PZM+10, PSW11, Pu13, RHT13, SP10a, S16, S17]. real-time [OUI+13].

Reinforcement
[HMDE12].

Reconfiguration
[LSWM16].

Recovery
[CRAJ10].

Reduction
[BO12, MSS19, TD15].

Redundant
[HLO15].

Refactoring
[AS14, STST12, VBZ+18, ZHL+12, FMM+11, FM13].

Reference
[Sch14, UJR14, HMDE12].

Refinement
[GY16, JLP+14, KSW+14, MCW19, ZMG+14, ZFK+16].

Flexibles
[SPP+10].

Regions
[AC10].

Register
[ZYZ+12].

Register-based
[ZYZ+12].

Regression
[MM12].

Regular
[PIL+17].

Reification
[RRB17].

Reified
[GBI14].

Relational
[TD15].

Relational
[MLGA11].

Relationship
[LSBV16, LSBV17, SH12].

Relaxed
[DNB+12, KHL+17, PBS16].

Relaxed-memory
[KHL+17].

Release
[Ano14].

Reliability
[HWLM11].

Relying
[IN12].

Remodeling
[OJJ12].

Remote
[BVGVEA10, BVGV14a, BJK12, GSD+15, SS19, BVGVEAFG11].

Removal
[MRMV12, WGF11].

Rename
[FM13].

Repair
[SEK+19, XMD+17, MDS+17, SHU16].

Repeatability
[VIT14].

Replacement
[BCC+13].

Replay
[BBH12].

Replaying
[WKG17].

Replication-based
[UIY10].

Report
[CBLFD12, Sch10a].

Reports
[OW16].

Repository
[HC10].

Reproducibility
[VIT14].

Reproduction
[SR14].

Requirements
[MSS19, AGBZ10].

ResAna
[KGVS+14].

Research
[SR17, TRE+13, CRJ+10, CBLFD12, EKUR10, Rub14, VBMDP16, VIT14].

Resource
[BVGV14a, WZK+19, ADI13, ES14, KGV+14, KSR14, SGV12].

Resource-aware
[SGV12].

Resource-based
[ADI13].

Responsive
[SPP+10].

Responsiveness
[PSNS14].

Restart
[CNS13].

Restructuring
[RC17].

Retention
[ZMM+16].

Rethinking
[LHR19, Xue12, CRJ+14].

Refted
[TTS+10].

Reftting
[LPGK14].

Reusabiliity
[Tai13].

Reusae
[HC10, MME14].

Reuse
[WR10].

Reusing
[PMPK19].

Reverse
[CAC+12, MLM17, MLM19].

Review
[Ano15, Ano18, Bro12, Del13, Gve13, Kie13, Ngi12, Teo12, Teo13, EKUR10].

Revisited
[Mei14, Gon11].

Rewriting
[HLO15].

RFID
[AY21].

RFLP
[AY21].

Richer
[CV14].

Rigor
[VIT14].

Rigorous
[AGR17].

Rings
[KP19, Pos19].

Rise
[DiP18a].

Risk
[MPP+15].

River
[HHS13].

RJ
[OW16].

RMi
[SS19].

Road
[RXK+17, SWU+15].

Robin
[Ano15].

Robotic
[DiP18b, LM15].

Robots
[SFW12].

Robust
[VM15, VDV17, MKZ+14, SGV12, VM10].

Rod
[Teo12].

ROM
[MMP19].

Row
[Lei17].

Row-typed
[Teo17].

RTSJ
[ZW10].

Rubah
[Teo12].

Rule
[QLBS17].

Rules
[CCA+12, HLO15].

Run
[WAB11].

Run-time
[WAB11].

Running
[HC11, TWX+14].

Runs
[FIF+15].

Runtime
[BHL12, CMM+10, GSS+18].
MAHK16, MSS10, NWB15, OCFL14, XMA14, BRGG12, EQt10, GTL10, GSS16, LMK16, MS10, OOK10, PKC13, RO12, STY14, TWSC10, VBAM10a, WLL19, YRHBL13, dCMMN12. runtimes [BM14, CSV15, RCR14, WWH17].

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