
Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  

19 September 2018  
Version 1.06

**Title word cross-reference**

#ifdef [MRG+18].  
\[ \pi \] [PMR11].  
1-out-of-2 [LP13a, LP13b].

Ability [RDT+10].  
Abstract [GHL+13].  
Abstracting [MSSF13].  
Abstractions [dCBGU12].  
Accelerating [UR18].  
Acceptable [Sha10].  
Acceptance [MHS+13].  
Accepting [WSC+15].  
Access [Ano12o, BBH17, CSJ+16, MMPT17, TNTN12].  
Accessibility [STST12].  
Accuracy [AGA13, LRCL14, PLN10].

across [KPJ+16].  
Actions [dSR11].  
Active [KMK+13, KMD15].  
Activities [LL14, MBM+17].  
Activity [SMW011].

Actually [YZL+15].  
Adaptable [RRL+13].  
Adaptation [CCG+12, CKMR13, DFG16, FTG16, LLNL16, MPS12, SBWM17, SBWM18, NB13].  
Adapting [ByBEM15, PW12].  
Adaptive [ABY16, CWG+17, CB17, COLY15, DR14, EEM13, LYC14, SER+10, SFH+17, YDCP14].

Adequacy [SYB17].  
Admit [GRH17].  
Admitted [dSMST17].  
Advanced [GW17].

advertisement [Ano10b, Ano10o, Ano11j, Ano11i, Ano11q, Ano11r, Ano11-32, Ano12o, Ano12v, Ano12w, Ano12x, Ano12-32].

against [HPSW16].  
Agent [MLS+14, PZTM13].  
Aggregate [ZHMZ17].  
aggregation [DJ11].  
Agile [HA16, HNM13].  
Agreements [SRE10].  
AIG [NZ16].

Asymptotic [LYC14, SFCR16].
Asynchronous [LW13]. Atomic
[WGC+16]. Atomicity [LPZ12, SHCX16].
Atomicity-Violation [LPZ12]. Attack
[ANC+10, MW11]. Attribute [HYJY14].
Attributes [AA18]. Auction [HYJY14].
Augmented [SL12]. Author [SHB17].
authors [Ano10v, Ano10-27, Ano10y, Ano10z,
Ano10x, Ano10w, Ano11-27, Ano11-31,
Ano11-30, Ano11-29, Ano11-28, Ano12-31].
Autofolding [FCR+17]. Automata
[BKKL10, PBU16, RNP13, VDC17,
WSW+15, WSWQ17]. Automated
[AKL13, ASBZ15, ASBZ17, BTS17, BI15,
BP16a, BBW12, BCD+17, GSWH15a,
GRH17, HWM18, HWY+17, LHS+15,
LRCL14, LXCL14, MBP+17, NRDB17,
PZTM13, PKT18, PFN+14, POM13, PC10,
RBH17, RBK+13, SER+10, SGM13,
TMHM18, XLD+17, dCBGU12].
Automatic [CLP17, CK15, GMM17,
JPAB17, KS12, LNFW12, LLNL16, MM16,
MWMK17, MvDR12, PLM15, PBM+17,
RMM14, VBP12, WYIZ+17, WYZ+18,
XCF+17, XMD+17, KDO14].
Automatically [DKM+12, DLWF17, Egy11,
dSMST17, ZKB16]. Automating [GITT17].
Autonomic [BRDG16, KGDS13].
Autonomous [CDGC12]. AutoSense
[NRDB17], available [Ano11q, Ano11r].
Average [KRX11]. Aware
[BG17, BG18, CGMM16, HYJY14, HBS+17,
Kim14, KT10, LZ12, MC10, MSK+18,
SER+10, TdlRSCB16, WLX+16, YLQ+15,
Yl13, PZF+17, SYB17]. Awareness
[dsR11]. Away [TPB+17].
Back [Ano10c, Ano10f, Ano10d, Ano10h, Ano10g,
Ano10e, Ano11h, Ano11e, Ano11d, Ano11c,
Ano11g, Ano11f, Ano12e, Ano12g, Ano12f,
Ano12c, Ano12d, Ano12h, Ano12m, Ano11s,
Ano12q, Ano12r, Ano12p, Ano12-31].
Backbone [XJRL12]. Backbone-Based
[XJRL12]. Background [PWSE17]. Bad
[FRA+17, LMSN12, TPB+17]. Bailout
[BBD17]. Balancing [PMGZ13]. Based
[ABHPW10, AHG13, AM13, AG17,
BSM17, BB15, BJB10, BKP+18, BDM17,
BDM18, BCD+17, BCD+18, BBL+11,
BKBR12, BMB+15, BRLM11, CGK+11,
CBCB12, CAC+17, CZ13, CK15, CB17,
CCP+13, CFMS12, DLvL14, DNT14, DSN11,
DLGRCBC15, EEM13, FPTO11, FFM+10,
GRPF13, Gar10, GRH17, HML10a, HM10b,
HYY+14, HYJY14, HZZ+17, HBS+17,
JGP13, JWDX17, KKS+14, KMB12,
KMD15, LMST10, LW13, Lw12, LLHF17,
LI17, LI14, LI13a, LI13b, LCN12,
LGS13, LLNL16, LMM+17, MJ17,
MH+12, MC10, MBK+13, MvDR12, MM13,
MSY14, MB14, MBLD11, PZTM13, PRT10,
PG13, RCKH16, RRL+13, SWAK13, SSP17,
SC14, SZ10, SCF17, TZZ+15, WWY+17a,
WHYY18, WMW11, XJRL12, YLQ+15,
YM10, BKP+17, BPR17, CNM18, NB13].
Baseline [CNK18]. Batched
[JMC13]. Bayesian
[DVB13, KKM10, MB14, WWY+17a]. Be
[HZZ+16, Nus+10]. Behavior
[BGP+17, DCS+17, KKR10, LBK+15,
LYC14, YLQ+17, YLQ+18, ZKZ10, ZM15].
Behavioral [IRBW16, SGTM13, WMW11].
Behaviors [GRH17], Beliefs [BGP+17].
Benchmark [HTG17a, HTG18a, HTG18b,
LBFW17, YBL16]. Benchmarks
[CKKR12, LHS+15]. Benefits
[KZN14, VAJ16, WMN12]. Best [RZ10].
Better [HLP10]. Between [DLWF17,
BVD15, CSF+16, COLY15, GS12, PPZ+17].
Bias [SHB14, SHB17, TMHM16]. Biases
[JG12]. Bidirectional [BDP16]. Binary
[HYH+17, LMW+17, QSM16].
Birthmarking [TLZ+18]. Birthmarks
[TZL+15]. Bisimulation [BSM17]. Bitstate
[JK13]. Black [SM16]. Black-Box [SM16].
Blind [ARM17, ARM18]. BLISS [RBA+15].


Client [MSCC13, OBPM17]. Client-Side [MSCC13, OBPM17]. Clocks [RNP13, WWY17b]. Clockwork [Hat14].


Cochange [GS12]. Code [AA18, ANVZ14, BCB17, BW10, CCK14, DDO11, EKAYW16, FCR17, KKS14, KNGW13, Kim14, LW12, LLNL16, LMW17, LCG18].
| MSCC13, MSS17, MM16, MGP+12, MCH16, MGD10, PB6+15, PHLW17, PHLW18, QSM15, RLMM15, SP15, SRvdH12, SMWO11, SWAK13, SYA+13, TPB+17, UR18, WDZ+14, WNM12, ZKB16, ZNKZ17. |
Defect-Proneness [SJS+16, ZHL+17, Her17].

Defects [HKS12, RM17, YGV17, dBFP+13].

Defining [RT12]. Delay [MBEN15].

Delivery [CDT+17, CDT+18b]. Demand [KKR+12, LP+13b]. Dense [HPSW16].

Dependability [BBL+11, GPK10].

Dependence [BPH10, Cai18, WLG+17].

Dependencies [KL11, LCG+18].

Dependency [GS12, eZHM13, XCH+17].

Deployment [CDGC+12, MM+12].

Derivation [DLGRCB+15, Kim14].

Deriving [BSM17, WZ11]. Descartes [HBS+17]. Description [YLQ+17, YLQ+18].

Description-to-Behavior [YLQ+17, YLQ+18].

Design [AC15, CXK+18, CMSS+13, DFG16, Egy11, JGP+13, KRG+13, KJP+16, LKR+14, MSY+14, MGDL+10, MHZB+15, NDM+16, PLN+10, RE+13, SPG+10, SZ10, ZBI2a, ZBI5].

Designers [MLPvdH15]. Designing [BRDG+16, WDS10].

Designs [VAJ16].

DESSERT [CPTT12]. Detect [DSMST17].

Detecting [DXC+17, Egy11, KJP+18, MCH+16, MGS+18, PBP+15, SYX14, WSC+15, ZWL+16]. Detection [ABL+14, AB+12, BH10, BBH17, BHE13, CC14, JJW+15, KDO+14, KKS+14, KS+12, LMSN+12, LLNL+16, LMW+17, MWMK+17, MGDL+10, PCHY15, PLN+10, PLM+15, SRvdH12, TZM+17, TLZ+15, TXC+15].

Determined [SFCR+16]. Determining [RE13].

Developed [CSJ+16]. Developer [BGP+17, DSSP+17, DC+17, DPD+18, Lat+14, LNH+16, RDT+10, SMWO+11].

Developers [BVD15, MBM+17, MHZB+15].

Developing [BCE+14, BSM11].

Development [BSH+17, BCB+17, BWB+12, CBC+12, CEM+11, CH+13, CDT+17, CDT+18b, DSB14, EKAYW16, FET+17, GPU+16, HA16, HNM13, HJ+11, JG+11, JG+12, Lat+14, LED+13, MDB+13, MBEN15, NDM+16, PBM+17, Pre+11, RM+13, Ram+14, SRvdH+12, SCF+17, SZF+17, TS+12, TRD+15, WNM+12, ZBI2b].

Devices [BHH11, LRL+14].

Diagnosing [MPP11].

Diagnosis [ABL+14, BPH10, LXCL+14, TZM+17].

Diagram [KRG+13]. Diagrams [AGI+13, CGC+17, DCM+14, KKM+10].

Differences [IRBW16, LKB+15].

Different [PHLW17, PHLW18].

Diagrams [VW12].

Directed [AL+10, GSW+15b].

Directives [MRG+18].

Discovering [LH14, SPF+14, SZ10].

Discovery [ANC+10, MN+14, ZKP+10, ZSDS+13].

Discriminative [AI11].

Dispersion [LED+13].

Display [dSR11].

Dissection [FET+17].

Distinguish [Ano+11], [Ano+11].

Distributed [BGMM17, BHKZ+13, ByBEM+15, Hie+15, LAH+14, MM+12, MS+18, Ram+14, RNP+13, VDC+17].

Distribution [CM+11].

Distributions [GRH+13, KA11].

Diverse [LR+12, LLL+18].

Diversity [BKP+17, BKP+18, POPD+15, SYB+17].

Diversity-aware [SYB+17].

Divide-and-conquer [CPTT12].

DivideE-and-conquer [CPTT12].

Do [NBK+15, ZBI2a].

Documentation [DR+14, KGM+16, MR+13, MJK+17, MJK+18, TRD+15].

Does [FET+17, HKS+12, KSD+11, LKTC+14].

Domain [ACDO+12, AA+11, ADJ+16, ABD+16, BGR+16, BSL+13, GLH+13, HCM+13, MHL+12, MFL+16, MRD+12].

Domain-Specific [ACDO+12, AA+11, BGR+16, GLH+13, MFL+16, MRD+12].

Domains [PW12].

Downstream
Driven [ABY16, BCE+14, BMM+15, BSM11, CCG+12, CFMS15, FRMM17, FZ12, FET+17, Lat14, LH14, MBD13, NM14, RM13, TFB14, WNM12, YDCP14].

Early-Stage [ABD+16, BCBR18, DLWF17, LXCL14, MSK17].

Dynamics [BCB17+].

Elicitation [ADJ16, CWW+14, LF12, MLS+14, DJ11].

Eliminating [YGG+18].

Embedded [BBD17, BHCC11, CKMR13, CFMS12, LH12, MBD13].

Embedding [BGS+13, CFMS15].

Emergent [Pre11].

Empirical [AA18, ABHPW10, Arc12, BH13, FCC13, Gar10, GS12, HM10b, HJ14, KZ14, MSK10, MN14, NBKC15, PCHY15, POM13, SMG11, SPA+17, SDdS16, SYB17, TMHM17, YZL+15, ZM17, DJ11, Her17, KSA+13].

Empirically [SFCR16].

Employing [CC15].

Enabling [CKKR12].

Encoding [SZWZ12].

End [GKZ+14, NDMX16].

Energy [BCBR18, DLWF17, LXCL14, MSK17].

Energy-Aware [MSK17].

Energy-Efficiency [BCBR18].

EnergyPatch [BCBR18].

Enforcement [MMPT17].

Enforcing [BGRJ16].

Engine [CDGC12, MGP+12].

Engineering [ABY16, CWG+17, Cha10, CNMK18, DBF+16, DR16, Dwy17, EEM13, FRMM17, HBB+12, HM10a, KKS+14, KSD+13, KMD15, KKR10, LBK+15, LZX10, MSK10, MSJ+17, MB14, MS10, Ra18, RCKH16, SDD16, VAJ16, WGC+16, AI12, Ano15a, Ano17a, Ano18a, HM10a].

Engineering-Utilizing [WGC+16].

Engineers [KBZ+17].

Engines [MGS+18, SG13, ZXC16].

English [AGL+15].

Enhanced [BBD17, EKAY16].

Enhancing [YLQ+17, YLQ+18].

Ensemble [KMK12].

Enterprise [RK14].

Entropy [SSP17].

Entry [Thi15].

Environment [BDM17, BDM18, CEM11, DSB14, LED13].

Environments [CBD+17, RO13].

ePUB [Ano11q, Ano11r].

Equality [CT13].

Equally [PG13].

Equals [CT13].

Equivalence [BSS17, CT13].

Equivalences [KPF+18].

Equivalent [FCC13, MOTJ14].

ERP [SL12].

Error [XZH+15].

Errors [HPSW16, MHB12].

Essential [KMK12, KMK+13].

Estimates
Estimating [PCPS15, CDT+18a].

**Estimation**

[DVMB12, IJK13, JG12, KKRD12, KMBK12, KMK12, LH12, MBC+13, MA13, KMK+13].

**Ethnographic** [SDdS16]. **Evaluate** [MN14].

**Evaluating** [BCD+17, BCD+18, CSJ+16, HSH+12, KGM+16, MOA15, PR11, RT12, SMWO11, SNAH15, dCMS+17].

**Evaluation** [AA18, BH13, BMB+15, Gar10, GPK10, HBC13, MGB12, PLN10, RBH17, UGI+12, YBL16, ZSDS13].

**Event** [BB15, BSM11, CZ13, CCP13, MC10, NM14, YJ13, YM10, YCM11]. **Event-Based** [BB15, CZ13, MC10]. **Event-Driven** [BSM11, NM14]. **Evidence** [GS12, MB14, dIVBM16].

**Evidence-Based** [MB14]. **Evolution** [ABP12, CC15, CFMS15, DR14, HKB17, KA11, POM13]. **Evolutionary** [LKS10, MSY14, SFH+17, SPG10].

**Evolving** [KGRX12, NNP+12]. **Exact** [FAHCC14, LHWW17]. **Exception** [BGRJ16, BG17, BG18, FFM+10, GR10, LCO+10, SGBH10].

**Execution** [CK15, HJ14, JMC13, LZX10, MAA17, QSM16, RGA+15, SCB14, WLG+17, YYG+18]. **Exemplar** [MGP+12]. **Exercise** [NM14]. **Existing** [NDMX16, ZB12b]. **Expanding** [LLLLW15, ZKNNZ17]. **Experience** [AKL13, BBC+10, Lat14, RDT+10].

**Experiment** [ADJ16, BP16b, CzvdD11, JG11, KSD+13, KPJ+16, MOTJ14, PR11, Pre11].

**Experimental** [RKH12]. **Experiments** [AGI+13, DMTR10, JGP13, KSD+13, MBLD11, RDT+10, VJAJ16]. **Expert** [HWM18]. **Experts** [SGH10]. **Explicit** [AL10, AKE+10, WSW+15]. **Explicit-State** [AKD+10, WSW+15]. **Exploit** [JPPAB17].

**Exploiting** [BB15, KMBK12, RHB+12].

**Exploratory** [IML13, Pre11]. **Exploring** [COLY15, DLWF17, NDMX16]. **Explosion** [HPP+14]. **Exposure** [YJ13]. **Expression** [FPTO11].

**Expressions** [KGRX12, YT18]. **Extended** [ACH+13, FAHCC14, SGR+12]. **Extending** [EALK+15, LGN12]. **Extensibility** [BBA+15]. **Extensible** [MMMR12].

**Extension** [BSM17]. **Extensive** [PPZ+17].

**External** [RM13]. **Externalize** [WZX+13]. **Extract** [AC+17]. **Extracted** [HCCB12].

**Extracting** [BKML14, TRD15, VBP12]. **Extraction** [ASZB17, NKBC15]. **Eye** [RLMM15]. **Eye-Tracking** [RLMM15].

**Facilitating** [BVD15]. **Factors** [NDMX16]. **Failure** [LP13b, OY16]. **Failures** [CH13, CCP13]. **Family** [AGI+13].

**Farming** [MBK+13]. **Fault** [AB12, ADTP12, BPH10, BLVBC+15, BTWV15, DBV13, GRH13, HBB+12, MHS+13, NCDM13, PW12, PCHY15, SER+10, WHY18, WGL+16, YZL+15]. **Fault-Proneness** [BLVBC+15, YZL+15].

**Faults** [ABL14, LLHF17, MPP11]. **Feature** [EEM13, FAHCC14, MJ17, NSC+12, YBL16]. **Feature-Based** [MJ17].

**Feature-Oriented** [EEM13]. **Featured** [CCS+13]. **FeatureHouse** [AKL13].

**Features** [HCHM+13, KDO14, MCCC13, PMR11, SWAK13]. **Feedback** [LLNL16, MBEN15, YDCCP14, YM10].

**Feedback-Based** [LLNL16]. **Fermat** [WZ11].

**Fidelity** [DLWF17, YLQ+17, YLQ+18]. **Field** [HKS12, JG11, RK17, XBL+17]. **Files** [YBL16].

**Filtering** [LP13b, PTYN17].

**Finding** [AKD+10, CSJ+16, KMK+13, LPS12, MGP+12]. **Findings** [PCHY15].

**Fine** [YBL16]. **Fine-Grained** [YBL16].

**Finite** [ACH+13, HT16, Hei17]. **First** [DR16, FET+17, GZS+15, KWK+11, NZ16].

**Five** [AGI+13]. **Fix** [HMMB17, KWK+11, KTKZ13, MK18].

**Fix-Inducing** [MK18]. **Fixes** [MHZBN15, XZH+15]. **Fixing** [PFN+14, SHCX16]. **Flexible** [EB10].

**Floating** [CCK14]. **Floating-Point**
[CCK14]. FLOSS [ZM15]. Flow
LMST10, QSM16, SYX14. Flowchart
[YF11]. FlowTalk [BHCC11]. Fluid
[HBC13, TDGH12, Tri13]. Fly [MPS12],
Foraging [LBB+13]. Forecasting
[CC15, SL12]. Formal
[AB12, LSL+17, LSL+18, LCNM12].
Formalism [BBL+11]. format
[Ano11q, Ano11r]. Formulating
[HHY+14, WHYY18]. Foundation
[HPSW16]. Foundations [CCS+13, MS10].
Four [RDT+10]. Fragments [PBM+17].
Framework [BKML14, CGG+12, CSVC11, EEM13, FRMM17, HCBB12, JWX17, KT10, LSL+17, LSL+18, MMR12, MMPT17, NRDB17, PWSG17, RK17, SJS+11, TLB14, ZSDS13, dCMS+17].
Framework-Usage [HCBB12].
Frameworks [AA11, CSJ+16]. Friendly
[MHB12]. Front [Ano10k, Ano10m, Ano10i, Ano10j, Ano10n, Ano11n, Ano11m, Ano11k, Ano11p, Ano11o, Ano11, Ano12k, Ano12l, Ano12-27, Ano12-30, Ano12-29, Ano12x, Ano12-28, Ano12y, Ano10q, Ano10r, Ano10t, Ano10p, Ano10s, Ano10u, Ano11v, Ano11y, Ano11x, Ano11u, Ano11w, Ano11t, Ano12u, Ano12s, Ano12t]. Frontier
[LLHF17]. FSC [WGC+16]. Full [SYX14].
Full-Sparse [SYX14]. Fully
[CGMM16, TFB14]. Functional
[AG1+13, ABL14, CAC+17, cZHM13].
Functions [QSM16]. Future [DCS+17].
Fuzzing [BPR17]. Fuzzy [PSB+17, SL12].
Gain [BTEGF12]. GALE [KMD15]. Game
[FRA+17, HPSW16]. Game-Theoretic
[HPSW16]. Gaussian [TTL13]. GEA
[LH14]. General [RLR14, SJS+11].
Generalize [KJP+16]. Generalized
[WZX+13]. Generate
[AA11, HPP+14, MBH+18]. Generating
[AIAB13, AM13, DKM+12, GHL+13, Hie15, HT16, YM10]. Generation [ABHPW10, AL10, AGR17, AKD+10, BCD+17, BCD+18, CRV13, FZ12, FA13, GSWH15b, JPAB17, LMP14, MHL+12, MBP+17, PZTM13, PKT18, SM16, UKB10, YT18, CPTT12]. Generator [Gar10, SPG15]. Genetic
[GITT17, LNFW12]. Genetic
[AML11, BBL10, Gar10, KKR10, POPD15, PHIL17, PHIL18]. GenProg [LNFW12].
Geometric [KMD15]. GKM [MS17].
GK-Tail [MPS17]. Global [BG17, BG18, HM10b, LED13, MHL+12, MBC+13].
Global-Aware [BG17, BG18]. Globally
[Ram14]. Glossary [ASBZ17]. Go
[TPB+17]. Goal [CWW+14, DLR13, LH14].
Goal-Driven [LH14]. Goal-Obstacle
[DLR13]. GoF [ACCA15]. Good
[FRA+17, ZPB+10]. GoPrime [CGMM16].
Gossip [TLB14]. GossipKit [TLB14].
Governed [KA11]. Governing [Ram14].
Grained [YBL16]. Grammar
[AGL+15, ZKZ10]. Graph
[BPH10, QSM16, ZKZ10]. Great
[Ano10b, KBZ+17]. GreenDroid [LXCL14].
Greenfield [GPU+16]. Greybox
[BPR17].
Guest
[OT12, AI12, CEM11, GRI10, GPK10, MS10].
GUI [GCZM16, YM10, YCM11]. Guided
[MMP15, WLG+17]. Guidelines [Rali18].
Handling [ANVZ14, BGRJ16, BG17, BG18, FFM+10, GRI10, LCO+10, SGH10].
Hardware [WDS10]. Harmonised [Hie17].
Harrold [Nus+13e]. Hashing [IJK13]. heaps
[MSSF13]. Heavy [JGP13]. Heavy-Tailed
[JGP13]. Hell [MRG+18]. Heterogeneous
[JJZ+17, NFK+17, NFK+18]. Hidden
[HMHB17, Hat14]. Hierarchical [CPV13].
High [SPF14]. High-Coverage [SPF14].
Higher [SMG11]. Highly [MGP+12].
Hinders [ZHMD17]. Histories
[LKKS15, LZRC17, LZRC18, PBS+15].
House [PBS+18, PBS+17]. Human
[KSD+13, SDMW14]. Human-Centric
[KSD+13]. Human-in-the-Loop
[SDMW14]. Hybrid
[BSH+17, Cai18, HM10b, MHL+12, SMB13]. HYDRA [XLP+16].

[Ano12v, AI12, CEM11, GRI10, GPK10, HM10a, MS10, RZ10]. Invariant
[BCD+17, BCD+18, MvDR12].
Invariant-Based [MvDR12]. Invariants
[GFp+15]. Investigating [LBK+15].
Investigation [ABHPW10, Sha10].
Irrelevant [JG11, MHL+12]. Isolation
[PW12]. ISSTA [RZ10]. Issue
[Ano11z, ANVZ14, BKP+17, BKP+18, HM10a, RBH17]. Issues
[LF12, LLL+12]. Know
[MK18, KSA+13]. Just
[BI17, CDT+17, CDT+18b, HYJY14]. iTree
[SPF14].
Java [BH10, CC15, CSF+16, LZ12, MM16, RLM+15, STST12, TTN+12, XMD+17].
JavaScript [MMP15, OBPM17, PWSG17].
Jean [Nus13b]. Joining [Ano10b]. Joint
[KPj+16]. Journal [Dwy15, DR16, Dwy18, Kra10, Nus11a, Nus12, Nus13c, Nus14].
Journal-First [DR16], JUnit [MHZ+12].
Just [MK18, KSA+13]. Just-In-Time
[MK18, KSA+13].
KAOS [CWW+14]. Keeping [DSB14].
Key [TzL+15]. Keyword [HZZ+17]. Kits
[ACD10]. Know [MHPB12, ZBl2a].
Knowledge
[ADJ16, HWM18, IML13, MR13].
Language [AKL13, ASBZ15, BGRJ16, BHCC11, BRLM11, DFG16, DS11, FCC13, GHL+13, HJ14, HBS+17, LMP14, LGN12, dSMST17, SCF+12, WSWQ17, YF11].
Language-Based [BRLM11].
Language-Independent [AKL13].
Languages [AA11, BJGB10, BSL+13, MMPT10, MLM+13]. Large
[BKML14, BSH+17, CC14, JH15, KGM+16, LF12, LLL+18, MM13, WGC+16, XBL+17, XJRL12, dBFP+13, KSA+13]. Large-Scale
[BSH+17, CC14, JH15, LF12, LLL+18, MM13, WGC+16, XBL+17, KSA+13]. Last
[FET+17]. Latency [BHCC11]. Layered
[Tri13]. Lazy [RGA+15]. Leading [SBL12].
Leak [WLX+16]. Leakge [BSGM15].
Leaks [BCBR18, SYX14]. Learn [MPS17].
Learning [AKRU13, BGBK10, BW10, EEM13, GZK+14, KMD15, Lat14, LAL+14, MKB+13, PSA13, SBH14, SHB17, TMHM16, CDT+18a, KMK+13].
Learning-Based [EEM13]. Legacy
[MGB12]. Legal [MOA15]. Length [Arc12].
Lens [BGM11]. Lessons [MB+13]. Level
[CT13, MUA13, MN17, SRE10, WYZ+18, WYJ+17]. Levels [Sha10]. Lexical
[PLM15]. Lexicographical [ET16].
Lexicon [DDO11]. Library [QSM16]. Life
[CRV11, MBM+17]. Light [WLX+16].
Light-Weight [WLX+16]. Lightweight
[OY16, ZWL+16]. Like [SE13]. Line
[ACDO12, KDO14]. Linear
[LW13, LLVM+16]. Linearizability
[LCL+13, ZCW15]. Lines
[HPP+14, UKB10, VBP12]. Link [GS12].
Links [AGA13, DR14]. List [Ano10a, Ano11b, Ano12b, Ano13b, Ano14, Ano16].
List* [Ano15b, Ano17b, Ano18b]. Listening
[SBR+17]. Listings [HCM+13].
Literature [AA18, ABG+13, GWT+14, HBB+12, HTG17b, MOT14, SMG11, SBWM17, SBWM18, UG12, YGV17].
Live [GITT17]. Load [JH15, LKB17].
Load-time [LKB17]. Loadings [KS12].
Local
[HM10a, MHL+12, MBC+13, WWY+17b].
Localization
[ADTP12, BTWV15, TNBH13, WGL+16].
Locating
[GW17, LLHF17, WZ+13].
Location [MC10]. Location-Aware
[MC10]. Logic [NZ16, PSB+17]. Logs
[CCP13]. Long [BHCC11]. Long-Latency
[BHCC11]. Longitudinal [HKS12, MK18].
Loop
[ABB+18, GFM+15, SDMW14, XZC+17]. Loupe
[BGM11]. LTL [CSS+13].
Machine [KZ+14, MBLD11, PSA13,
SBH14, SHB17, TMHM16.

Machine-Based [MBLD11], Machines [ACH+13, HT16, Hie17]. MADMatch [KRG+13]. Magazines [Ano11q, Ano11r].

Magiclock [CC14]. Magnifying [BGM11]. MAHAKIL [BKP+17, BKP+18].


Management [BCE+14, BRDG16, CGK+11, HBS+17, KL11, MBK+13, NNP+12, RK17, RO13, RRL+13, SCF+12].

Manager [KBZ+17]. Managing [RK14].

Manual [ASM+18]. Many [FTK+17, KRG+13, PKT18].

Many-Objective [FTK+17, PKT18]. Many-to-Many [KRG+13]. ManyBugs [LHS+15, LBFW17]. Map [FRMM17].

Mapping [AHG13, BTS17, CSJ+16, MTHG15, YBL16].


Mashups [SE13]. Masking [YDCP14].

Massive [UR18]. Massively [XLP+16].

Matching [KKMY10, KRG+13, NSC+12, PSB+17].

Matter [FET+17]. Matters [MRG+18].

Maturity [SR112]. Maximum [HPSW16].

MDD [VBJM14]. Measure [RT12].

Measurement [UGI+12, WMW11].

Measuring [AI 11, BSD14, LW12, LCG+18, XBL+17].

mechanism [NB13]. Mediators [BI15].

Meets [OF13]. Memoriam [Nus10e, Nus13d, Nus13e]. Memory [ADG16, SYX14].

Merging [NSC+12].

Message [BRLM11]. Meta [HTG17b, RM13].

Meta-Analysis [HTG17b, RM13]. Metamorph [HKB17].

Metamorphic [LKTC14, SFSRC16, SPTRC17, ZXC16].

Metering [CWW+14]. Method [BOG14, BP16b, CAC+17, CTZ11, LNFW12, MGD10, PG13, SMBY16, SBL12, SCF17, WYZ+17, WYZ+18, KRX11].

Method-Level [WYZ+18, WYZ+17].

Methodbook [BOG+14]. Methodological [RA18].

Methodology [ABD+16, BCE+14, CBCB12, DSP11, KL11, MN14, CPTT12].

Methods [ABG+13, BWB12, MM16].

Metric [BW10, MW11].

Metrics [AI 11, LNH+16, Sh10, SMWO11, TWL13, YZL+15, ZHMZ17].

Micro [LNH+16].

Microsoft [BCB+17, KZN14]. Middleware [CGMM16, MC10, SCF+12].

Mihler [Nus10e]. Minimum [LLHF17]. Mining [AGA13, ABB+18, DKM+12, DSSP17, DVM12, HCHM+13, KDO14, LW12, PBP+15, SWHJ14, SRZ15, ZJ12].

Misalignment [BSH+17]. Misleading [JG11].

Mission [CGMR13, HA16].


Mobile [CGMR13, EKAYW16, LBK+15, MC10, MSK+17, NDMX16, SBR+17].

Modal [SBUK13].

Model [ABY16, AL10, AKRU13, AGR17, AKD+10, BYW+17, BYW+18, BCE+14, BB15, BDM17, BDM18, BBA+15, BKB12, BMB+15, BSM11, BTWV15, CKX+18, CSF+16, CYH+11, CCS+13, CFMS12, CGDL14, CGDL17, CFMS15, DPD+18, DPS12, DNT+14, EALK+15, FAHCC14, FTK+17, FRMM17, GRH17, GPU+16, HMMB17, HBS+17, IJK13, KKK11, KTKZ13, LKR14, LMP14, LAM+14, LO17, LL14, MJ17, MMPT10, MB13, NM14, NZ16, PZTM13, PZF+17, PHV16, POM13, RE13, SRS12, SBL12, SFCR16, TMHM17, TDD14, VBJM14, XLP+16, XLD+17, YBL16, CDT+18a, Her17, TIR13, CRV11].

Model-Based [AGR17, BDM17, BDM18, DNT14, GRH17, HBS+17, LO17, PZTM13].

Model-Driven [ABY16, BCE+14, BMB+15, CFMS15, FRMM17, MDB13].
Model-Inference [BBA].
Model-Transformation [LKR14].
Modeling
[ACDO12, BJGB10, CB17, HBS, LCO, LKS10, MM13, RNP13, SWEK15, SDMW14, TWL13, VDC17, ZM15].
Modelling [MFL].
Models
[AM13, ABD, BSL, CC15, CBD, CSVC11, DCS, DVBI3, Egy11, FAHCC14, GAB, HKB17, Kim14, KKR10, LM11, MPS17, MA13, PLM15, SWEK15, SRZ15, TMHM17, TGH12, WMW11, ZHMZ17, Her17].
Moderator [KPJ].
Modern [MvDR12, ZKB16].
Modification [VW12].
Modular [LAH].
Modularization [VW12].
Module [PHY11].
Monitor [LGS13, dSR11].
Monitor-Based [LGS13].
Monitoring [BHKZ13, BBH17, HHY, MCH16].
Morphology [BB15].
MOSES [CCG].
Motifs [WWY].
Motifs-Based [WWY].
Move [BOG].
Moving [MK18].
MSCs [BKKL10].
MSeer [GW17].
Multi
[BBL10, CMCS12, HYJY14, KPJ, MIA, POPD15, PCS15, PHY11, SFH, SM16, SSP17, SCF17, TFB14, WHYY18].
Multi-Attribute [HYJY14].
Multi-Method [SCF17].
Multi-Objective
[BBL10, MIA, POPD15, PHY11, SFH, SM16, TFB14].
Multi-Site
[KPJ].
Multi-Tenant [WHYY18].
Multi-Threaded [PCPS15].
Multi-Tier
[CMCS12].
Multi-Version [SSP17].
Multicore
[ADG16, LS13].
Multicriteria
[MAT12].
Multilevel [XJRL12].
Multimedia [AA11].
Multiple
[GW17, LJZ, LKS10, MA13].
Multithreaded
[CC14, Kim14, TLZ].
Mutable
[PW12].
Mutant
[KPJ, MOTJ14].
Mutants [MWMK17].
Mutation
[BH13, FZ12, GFM, JH11, MOTJ14, MUA13, MWMK17, MMP15, SYB17].
Mutation-Driven
[FZ12].
My
[dSR11].
Name [PG13].
Name-Based [PG13].
names [ZNKZ17].
Naming [STST12].
NASA [SSSM13].
Natural
[ASBZ15, FCC13, LMP14, dSMST17].
Nature [AEP].
Navigate
[MHZBN15, TRD15].
Need
[WZX].
Need-to-Externalize
[WZX].
Needs
[MLM].
Nets [CRV11, DSP11].
Network
[BRLM11, CC15, DVB13, SCP14, dSR11].
Networks
[LF12, MB14, MPO, WYI, WWY, WYZ, Tri].
Neutral
[HYH].
Newsletter
[Ano].
Next
[XJRL12].
NLP
[CWW].
NLP-KAOS
[CWW].
Non
[WSW, WSWQ].
Non-Zenoness
[WSWQ, WSW].
Nonequivalence
[CT13].
Nopol
[XMD].
Normative
[DCMS14, RK17].
Notation
[EALK].
Notes
[MBP].
Notkin
[Nus].
Novices
[SGH].
Number
[Thi].
Numerical
[TZM].
O
[DCMS14, WSC].
OBEY
[JMC13].
Obfuscation
[LMW].
Obfuscation-Resilient
[LMW].
Object
[AI11, AA18, ABL14, BTS17, BBL10, CT13, CSJ, Kim14, LZ12, MTHG15, POM13, SPG15, Sha10, SPG10].
Object-Oriented
[AI11, AA18, ABL14, BBL10, CT13, Kim14, MTHG15, POM13, Sha10, SPG10].
Object-Relational
[BTS17, CSJ].
Objective
[BBL10, FTK, MIA, POPD15, PKT18, PHY11, SFH, SM16, TFB14].
Objects
[VW12].
Observable
[CBD].
Observation
[ADG16].
Observe
[NM].
Observe-Model-Exercise*
[NM].
Obstacle
[DLR].
Occurrence
[PLN].
OCL
[AIAB13, CGC, HWY].
Off
[GAB, Nus].
On-the-Fly
[MPS].
One
[LRI, LP13b].
Online
Platforms

[CB17, HCHM+13, OY16, WWY+17a].

Online+ [Ano12n, Ano12v, Ano12x].

Only [GKZ+14].

Ontology [DLGRBCB15].

Ontology-Based [DLGRBCB15].

Open [Ano12o, BCB+17, KGM+16, LLM17, RT12, Sha10, SSP17].

Open-Source [Sha10].

Operations [BHCC11].

Opportunities [CAC+17, LLW15].

Optimal [HZZ+16, JMC13].

Optimisation [PKT18].

Optimisation [KPJ+18].

Optimization [ABG+13, CGK+11, CZ13, FTK+17, LKS10, MAT12, SM16, TMHM18].

Optimized [LCL+13].

Optimizing [CNKM18].

Oriented [HNM13].

Oracle [BHCC11].

Oracle-Based [DGRCB15].

Oriental [AI 11, AA18, ABL14, BH10, BBL10, CCG+12, CT13, EEM13, KGRX12, Kim14, MTHG15, MGB12, PR11, POM13, SPG15, Sha10, SPG10, WWY+17a].

Origins [PBS+17, PBS+18].

Output [PBS+17, PBS+18].

Outputting [PBS+17, PBS+18].

Oversampling [BBP+17, BKP+17].

Overtime [SFH+17].

Packages [RK14].

Pair [HAES10, SMG11, dBFP+13].

Palantir [SRvdH12].

Paladino [BKBR12].

Papers [RZ10].

Paradigm [MLS+14, NM14].

Parallel [ADG16, CCK14, GW17, HT16, KKS+14, SRvdH12].

Parameter [JLR15, TMHM18].

Parameterization [CMCS12].

Parameters [SFCR16].

Parametric [KKR10].

Partial [CBD+17, Hie17].

Participant [ZM15].

Participatory [SZF+17].

Paste [WDZ+14].

Path [BSM17, X CZ+17, Y YG+18].

Pattern [PLN10].

Patterns [ACCA15, AGL+15, BGP+17, BBH17, KPJ+16, LKR14, LCO+10, LLL+18, MR13, SER+10, WGC+16, ZB12a, ZB15].

PCM [DSP11].

PCM-Based [DSP11].

Peer [ZKB16].

Perceived [BBM+17, SWK15].

Perfect [LR12, LP13b].

Performance [ADG16, ANVZ14, BMB+15, CSJ+16, COLY15, HBB+12, HBC13, HBS+17, KRX11, KKR10, MTHG15, RBH17, ZHMZ17].

Perils [VAJ16].

PerLa [SCF+12].

Permission [BGS15, BM14].

Persistence [LZ12].

Persistent [POM13].

Persona [BBW12].

Personality [HAES10].

Perspective [LBB+13, SCF17].

Perspectives [IRBW16].

Pert [LZ12].

Perturbation [SFCR16].

Pervasive [CBCB12, SCF+12].

Perturbed [Petri11, DSP11].

pdf [LP13a].

Phase [KTKZ13, HC17].

Physical [BDM17, BDM18, FRA+17].

Pipe [SE13].

Pipe-Like [SE13].

Plagiarism [JJW+15, LL14, PMM17, ZZ16].

Plan [JMC13].

Planning [BSH+17, SFH+17, SBR+17].

Platform [Pre11].

Platform [EKAYW16, HYH+17, Pre11, RCKH16].

Platform-Based [RCKH16].

Platform-Neutral [HYH+17].

Pnomel [Nuske10].

Point [CCK14].

Pointcut [GKZ+12].

points [CDT+18a].

Policies [BGRJ16, BTEGF12, MMPT17].

Policy [YLQ+17, YLQ+18].

Polychrony [BGS+13].

Poly nominal [TFB14].

Positive [SPA+17].

Possible [GKZ+14].

Possibly [LR12, LP13b].

Post [YZL+15].

Post-Release [YZL+15].

Postconditioned [YYG+18].

Potential [CC14].

Power [AI 11].

Practical [AIB12, LH12, PCH15].

Practice [BBB+17, SGR+12, dlVBWM16].

Practices [DSB14].

Precise [SZW12].

Precision [TJM+17].

Preconditions [LLC+16, MSG+18].

Predict [HMNB17].

Predicting [CDT+17, CDT+18b, DCS+17,
Prediction [BKp+17, BKP+18, BKB12, Cai18, DVP13, DDP+18, HBB+12, HTG17a, HTG18a, HTG18b, HTG17b, JWDX17, KKR10, LNH+16, LJJ+17, MK18, MBC+13, MHS+13, NFK+17, NFK+18, OY16, PZF+17, PMGZ13, PTYN17, SHB14, SHB17, SWAK13, SJS+11, TMHM16, TMHM17, TMHM18, WWY+17a, XLP+16, YZL+15, YWHH18, ZHMZ17, Her17].

Preemptive [CRV11].

Preprocessor [MRG+18].

Preservation [LJZ+17].

Preventing [LYJC11, RM17].

Principles [FCC13].

Prioritization [BSM11, DMTR10, ET16, eZHM13, HZZ+16, PSA13].

Prioritize [HPP+14, KWK+11, MIA+16].

Prioritizing [MJK+17, MJK+18, MIA+16].

Privacy [LJZ+17, PMGZ13, YLQ+17, YLQ+18].

Proactive [CKMR13, SMBY16, ZSDS13].

Proactive-Rescheduling [SMBY16].

Probabilistic [AGL+15, BPH10, RP16a, PHV16, PBU16, SFCR16].

Probability [AB12, KA11, LMST10, LP13a, LP13b, SFCR16].

Probability-Based [LMST10].

Probes [HBC13].

Problem [BH10, FTK+17, LKTC14, MOTJ14, MSY14, PTK18, PHY11, SPG15, XJRL12].

Problems [ADG16, EB10, JWDX17].

Procedural [WLX+16].

Process [BJGB10, BC+17, COLY15, FET+17, HKS12, HJ14, LED13, LMP14, LCO+10, MPS12, PLM15, Ral18, Ram14, SWEK15, SR12, TDGH12, TGH12, UGI+12, WMW11].

Processes [BG11, DLVL14, FFM+10, GBvBD+18, MPO+18, RK17, SDMW14, TWL13].

Processing [ASBZ15, BRLM11, FCC13, dSMST17].

Product [ACDO12, DLGRBC15, HCHM+13, HPP+14, KDO14, Ram14, RCK16, UKB10, VBP12].

Product-Line [KDO14].

Productivity [CH13, MBM+17, RM13].

Profiles [LLL+18, WMW11].

Profiling [BBH17, CDF14].

Program [ARM17, ARM18, BPH10, Cai18, CTZ11, CZvD11, DFG16, GRH17, JJW+15, LZX10, NRDB17, OLMJ16, SBGM17, TLZ+18, XBL+17, ZKZ10, MSSF13].

Programmer [MH12, RK12].

Programmer-Friendly [MH12].

Programmers [ARM17, ARM18, LBB+13, RLMM15].

Programming [BSD14, HAES10, KT10, LW13, MS18, OF13, SMG11, SPA+17, YF11, dBFP+13].

Programming-Based [LW13].

Projects [CZ13, HTG18b, HTG17b, JWDX17, KGM+16, KSD11, KL11, MBK+13, MSY14, RT12, SMY16, XLP+16, HTG17a, HTG18a].

Properties [CEM11, SFH+17].

Proofs [BNR10].

Publication [DR16, Nus11b].

Publish [BGM11, VDC17].

Publishing [Ano12o, Dwy17].

QoS [CGK+11, CCG+12, CB17, Li12].

Qualitative [AGL+15, MN17, SBGM17].

Quality [AA18, ANVZ14, BH13, HYJY14, KSD+13, LW12, LB10, LKS10, RM13, RK17, RM17, SSSM13, SGR+12, TFB14, ZXC16, KSA+13].

Quality-Aware [HYJY14].

Quality-Driven [TFB14].

Quantifying [SYA+13].

Quantitative


Ranking [MA13, PTYN17, YBL16]. Rapid [CD12]. Rate [LL14]. Rate-Based [LL14].

Ratings [BLVBC+15]. Re [SNAH15]. Re-Evaluating [SNAH15]. Reactive [BRDG16, LW13, MS18, SPA+17, ZSDS13].


Recommendation [BWRR17, KTKZ13]. Recommendations [BG17, BG18, BVD15, LKKS15]. Recommending [BOG+14, HCHM+13, ZKB16].


Reduction [MSS17, MPS12, MHL+12, TdIlRSCB16, WNM12]. Reductions [RLR14]. Redundancy [YYG+18].

Redundant [CSJ+16]. Refactor [MHPB12]. Refactorability [TMK15]. Refactoring [AA18, ASM+18, CAC+17, HC17, HWY+17, JMC13, KZN14, LGS13, MRG+18, MGS+18, MSK+17, MGB12, MHB12, STST12, SGM13, SE13, WYZ+17, WYZ+18].


Relevance [CAC+17]. Relevant [MGP+12, YBL16]. Reliability [BKBR12, ByBEM15, CKMR13, CPR16, JGP13, LR12, LCC+16, LYT14, PW12, PRT10, SSP17, TWL13, WWY+17a].


Renamings [AEP+14]. Repair [FFM+10, GCZM16, GMM17, LNFW12, LHS+15, MJC17, XMD+17]. Repairing [BCBR18, BG17, BG18, DXCW17].


Report [PTYN17, ZPB+10]. Reporting [YGV17]. Reports [RBH17, RMM14, YBL16].

Repositories [AGA13, LKS10]. Representation [SPG15, SBM13, SWEK15]. Representativeness [NCDM13].


Requirements [AGI+13, AKRU13, ASBZ15, ASBZ17, DLR13, FCC13, GR10, Gar10, IRBW16, LHWZ17, LF12, MSS17, MLS+14, PCPS15, PSA13, PSB+17, RM17, SGR+12, WGC+16].

Rescheduling [SMBY16]. Research [Dwy17, FRMM17]. Researcher
TZM+17, TMHM16, TDD14, TZL+15, TLZ+18, TWL13, TS12, TRD15, TPK15, UGI+12, UKB10, VBP12, VAJ16, WZX+13, WYIZ+17, WYZ+18, WDS10, WGL+16, XZH+15, ZB12a, ZHMZ17, XZC16, dBF+13, KMK+13. **Software-Based** [BBL+11, LP13a, LP13b]. **Solutions** [BKML14, EB10, RNP13]. **Solvers** [NZ16]. **Solving** [BBL10, XJRL12]. **Some** [SSSM13]. **Soon** [Ano12n, Ano12x]. **Sound** [Cha10]. **Source** [BCB+17, DDO11, FCR+17, KGM+16, LL14, MM16, MGP+12, PMM17, RT12, RCKH16, RLMM15, Sha10, SSP17, UR18]. **Sources** [LJZ+17]. **Space** [AL10, MHZN15]. **Spaces** [BTS17, CKX+18, NM14, Zav17]. **Sparse** [SYX14]. **Special** [CEM11, GR10, GP10, HM10a, Nus10c, OT12]. **Specialising** [PHL17, PHLW18]. **Specialized** [XLD+17]. **Specific** [ACDO12, AA11, BGRJ16, GHL+13, MFL+16, MRD12]. **Specification** [AGL+15, BBA+15, DKS14, HBC13, LW12, LSL+17, LSL+18, LCNM12, MMPT17, MLS+14, MGD10]. **Specification-Based** [LCNM12]. **Specifications** [GHL+13, NSC+12, NZ16, PSB+17, SCP14]. **Specifying** [LGN12]. **Speed** [RHB+12]. **Spreadsheets** [CFMS15, DXCW17]. **Stability** [ACCA15]. **Stack** [CK15]. **Staffing** [CZ13]. **Stage** [ABD+16, KWK+11]. **Stakeholder** [IRBW16]. **StakeRare** [LF12]. **STAR** [CK15]. **Starts** [TPB+17]. **Startup** [GPU+16]. **Starvation** [SBL12]. **State** [AL10, ACH+13, AKD+10, Dwy15, Dwy18, HT16, Hie17, KZDB17, Kra10, MBLD11, Nus11a, Nus12, Nus13c, Nus14, WSW+15, YM10]. **State-Space** [AL10]. **Statecharts** [EALK+15]. **Statement** [XM+17]. **Static** [BKML14, BTWV15, CGdL17, GFM+15, MHZ+12]. **Statically** [SYX14]. **Statistical** [PC10]. **Stay** [ZM15]. **Steering** [GRH17]. **Stem** [NBKC15]. **Stereotypes** [RDT+10]. **Stochastic** [AL10, CRV13, HBC13, PMR11, TZM+17, TDGH12]. **Store** [MSJ+17]. **story** [CDT+18a]. **Strategies** [ARM17, ARM18, BSM11, FPTO11, HHY+14, LO17, WHY+18]. **Strategy** [LYC14, RKH12]. **Stress** [Gar10]. **Stressing** [EB10]. **String** [SM16, WZX+13]. **String-Taint** [WZX+13]. **Strings** [WZX+13]. **Strategic** [MGS+18]. **Structural** [Arc12, MHL+12, MBLD11, PPZ+17, RKKH12]. **Structure** [LZX10]. **Structured** [AGL+15]. **Structures** [eZHM13, VDC17, ZCW15]. **Studies** [HCBB12, SM11, SDdS16, DJ11]. **Studio** [DSSP17]. **Study** [AA11, ACCA15, BSL+13, BSH+17, BVD15, BWR17, CWW+14, DVM12, DS14, FCR13, FRA+17, HM10b, HKS12, HTG17a, HTG18a, HTG18b, KGM+16, KKK11, KZN14, KSD11, MK18, MFL+16, MBK+13, MN17, MLS+14, NBKC15, OBPM17, OF13, PMM17, POM13, RLMM15, SPA+17, SYB17, SCF17, SGR+12, Th15, WSW+15, XBL+17, YZL+15, ZM17, ZXC16, dBF+13, KSA+13]. **Subjective** [LPC13a]. **Subscribe** [BGM11, VDC17]. **Success** [KSD11]. **Suite** [FA13, MSS17]. **Suites** [eZHM13, Hie15]. **Summarization** [FCR+17, MM16, RMM14, RLMM15, XZC+17]. **Summarizing** [KNGW13]. **Summation** [ZHMZ17]. **Supervising** [BG11]. **Support** [ASM+18, BI15, BHCC11, DS11, GSWH15a, POM13, RGA+15]. **Supported** [ABD+16, RDT+10]. **Supporting** [BWR17, DNT14, FTG16, HCMH+13, LMP14, WGC+16]. **Suppressing** [XXC+15]. **Surface** [MW11]. **Survey** [BHM+15, BNP17, BNP18, GMM17, HKB17, JH11, JH15, MLM+13, MSJ+17, PBS+17, PBS+18, SFSSC16, WGL+16, dVWB16]. **Survivability** [RT12]. **SW** [CRV11]. **Swarm** [HJG11]. **Switches** [MBM+17].
SymbexNet [SCP14]. Symbolic [AM13, BDP16, CK15, CCK14, RGA+15, SCP14, WLG+17, YYG+18]. Symmetry [GRPF13]. Symposium [OT12]. Synchronization [SHCX16]. Synchrony [BGS+13]. Syntactic [LZX10]. Synthesis [BTS17, BI15, JLR15]. Synthesizing [Kim14, SBUK13]. System [BWRR17, BBH17, CWW+14, CMM+11, GAB+10, HYH+17, LP13a, LP13b, MMMR12, MUA13, MBH+18, PW12, SZ10, ZWL+16]. Systematic [AA18, ABG+13, ABHPW10, DJ11, DLR13, GWT+14, HBB+12, HSH+12, HTG17b, KNGW13, MSKM10, MOTJ14, MTHG15, SMG11, SBWM17, SBWM18, UGI+12, WSW+15, YGV17]. Systems [AM13, ADG16, BBC+10, BHKZ13, BSL+13, BDM17, BDM18, BRDG16, BMP17, BMP18, BBL+11, ByBEM15, BTEGF12, CGK+11, CCG+12, CPV13, CRV13, CWW+14, CCS+13, EEM13, FRA+17, GWT+14, GRH13, GKDZ+14, HYH+14, HYJY14, HZZ+17, JGP13, JH15, JLR15, KRK11, LW13, LAH+14, Li12, LAL+14, LR12, MDB13, NM14, PZTM13, PVH16, PBS+17, PBS+18, RNP13, SCF+12, Sha10, SBL12, SBUK13, WWY+17a, WHYY18, ZBI2b]. SZZ [dCMS+17].


REFERENCES


Variant [NSC+12], Verification [CPV13, CGC17, DCMS14, FGT16, GRPF13, GAB+10, HJJ11, LSL+17, LSL+18, LAL+14, LCMN12, PC10, VDC17, ZCW15, ZK10]. Verifying [BGMM17, LZRC17, LZRC18, PBP+15, SSP17]. versus [MBK+13, MBC+13]. Very [WGC+16]. via [BOG+14, CL16, CK15, DDO11, FCC13, FGT16, HLP10, KNGW13, Kim14, KPJ+18, LCL+13, MBEN15, SWHJ14, TWL13, WYZ+17, WY+18, WX+18, WZ+18, ZX+17, YJ+13, YY+18].


Voronoï [STM13]. Voting [BBC+10].

Vulnerabilities [JPAB17, SWJ10].

Vulnerability [ANC+10, MN14]. Vulnerable [SWHJ14].


Weakest [LLC+16]. Web [SPTRC17, AKD+10, ADTP12, JPAB17, JGP13, MSCC13, MvDR12, MMP15, Pre11, RDT+10, SRZ+15, SE13]. Weight [WLX+16]. [AA18]

Weighted [WYZ+17, WZX+18, KRX11]. Where [KTZ13, LJJC11, NBKC15].

Whether [TPB+17]. Which [KWK+11, LR12, LP+13]. Whiteboard [MLPvdH15]. Whitening [YJ13]. Whole [FA13, HYH+17].


Wireless [MPO+18]. Wise [HPP+14].

Within [JWDX17, PMR11]. Within-Project [JWDX17]. without [He17]. Work [CRV11, MBM+17, TS12].

Workflow [SRZ15]. Workflows [LYJC11].

Workload [CKKR12]. Workloads [JGP13].

World [BBC+10, YWHH18]. Worse [LP13a]. Writers [Nus10d].

XML [JPAB17].

yourself [Ano11j, Ano11i].

Zebu [BRLM11]. Zenoness [WSWQ17, WS+15].

References

Amatriain:2011:FGD

AlDallal:2018:EEI
J. Al Dallal and A. Abdin. Empirical evaluation of the impact of object-oriented code refactoring on quality attributes: A systematic literature review. IEEE Transactions on Software Engi-
REFERENCES

Arcuri:2012:FAP

Allamanis:2018:MSL

Aleti:2013:SAO

Ali:2010:SRA
Araujo:2014:ECT


Andrikopoulos:2012:ES


Altintas:2012:MPL


Androutsopoulos:2013:ASE


Autili:2015:AQR


Arcaini:2017:DBA


Ali:2013:TMC


Atlee:2012:GEI


Ali:2013:GTD

REFERENCES


REFERENCES


REFERENCES

Anonymous:2010:BCc

Anonymous:2010:BCf

Anonymous:2010:BCb

Anonymous:2010:BCe

Anonymous:2010:BCd

Anonymous:2010:FCc

Anonymous:2010:FCf

 Anonymous:2010:FCa
[Ano10k] Anonymous. [front cover]. IEEE Transactions on Software Engineering, 36(3):c1, May/June 2010. CODEN IESEDJ. ISSN 0098-
Anonymous:2010:FCd


Anonymous:2010:FCb


Anonymous:2010:FCa


Anonymous:2010:ICS

Anonymous:2010:IFCe

Anonymous:2010:IFCc

Anonymous:2010:IF Cf

Anonymous:2010:TIAa

Anonymous:2010:TIAf

Anonymous:2010:TIAe

Anonymous:2010:TIAc
REFERENCES

Anonymous:2010:TIAb


Anonymous:2011:AI


Anonymous:2011:RL


Anonymous:2011:BCd


Anonymous:2011:BCc


Anonymous:2011:BCb


Anonymous:2011:BCf

Anonymous. [back cover]. IEEE Transactions on Software Engineering, 37(4):c4, July/August 2011. CODEN IESEDJ. ISSN 0098-
REFERENCES


Anonymous:2011:BCe


Anonymous:2011:BCa


Anonymous:2011:DYCb


Anonymous:2011:DYCa


Anonymous:2011:FCCa


Anonymous:2011:FCf

REFERENCES

Anonymous:2011:FCa


Anonymous:2011:FCb


Anonymous:2011:FCc


Anonymous:2011:FCd


Anonymous:2011:ICSc


Anonymous:2011:IFc


Anonymous:2011:IFd

Anonymous:2011:IFCc

Anonymous:2011:IFCb

Anonymous:2011:NTI

Anonymous:2011:TIAa

Anonymous:2011:IFCe

Anonymous:2011:IFCa

Anonymous:2011:IFCd

Anonymous:2011:IFCc
REFERENCES


Anonymous:2011:TIAe


Anonymous:2011:WNT


Anonymous:2011:TIAAd


Anonymous:2011:TIAc


Anonymous:2011:TIAb


Anonymous:2012:AI


Anonymous:2012:RL

REFERENCES

Anonymous:2012:BCd

[Ano12c]
Anonymous. [back cover].

Anonymous:2012:BCe

[Ano12d]
Anonymous. [back cover].

Anonymous:2012:BCa

[Ano12f]
Anonymous. [back cover].

Anonymous:2012:BCb

[Ano12g]
Anonymous. [back inside cover].

Anonymous:2012:Ca

[Ano12h]
Anonymous. [cover2].

Anonymous:2012:Cb
REFERENCES


Anonymous:2012:IBCb


Anonymous:2012:IFCc


Anonymous:2012:IFCa


Anonymous:2012:IOV


Anonymous:2012:NTN


Anonymous:2012:OCS


Anonymous:2012:TCFF


Anonymous:2012:TCFd


Anonymous:2012:TCFa


Anonymous:2012:TICe


Anonymous:2012:TICa


Anonymous:2012:TICb


Anonymous:2012:TIC

REFERENCES

Anonymous:2012:WNT


Anonymous:2013:AI


Anonymous:2013:RL


Anonymous:2014:RL


Anonymous:2014:IT


Anonymous:2015:RL

Anonymous:2017:IIT


Anonymous:2017:RL


Arcuri:2012:TEA

REFERENCES


REFERENCE


Bernardeschi:2017:PSI


Bernardeschi:2018:PSI


Baluda:2016:BSA

[BDP16] M. Baluda, G. Denaro, and M. Pezzè. Bidirectional sym-


Baresi:2011:SSB

[BDP16] M. Baluda, G. Denaro, and M. Pezzè. Bidirectional sym-


Baresi:2011:SSB


Barbosa:2017:GAR


Barbosa:2018:GAR

Eiji Adachi Barbosa and Alessandro Garcia. Global-aware recommendations for repairing violations in exception handling. IEEE Transac-
REFERENCES


REFERENCES


Baker:2013:EEM


Bergel:2011:FLS


Brun:2013:EDC


Basin:2013:MDU


Barr:2015:OPS


Bennaceur:2015:ASM

A. Bennaceur and V. Issarny.

Bendraou:2010:CSU


Bensch:2012:ABR


Bollig:2010:LCA


Bennin:2017:MDB

K. Ebo Bennin, J. Keung, P. Phannachitta, A. Monden, and S. Mensah. MAHAKIL: diversity based oversampling approach to alleviate the class imbalance issue in software defect prediction. *IEEE Transactions on Software Engineering*, PP(99):1, ??? 2017. CODEN IESEDJ. ISSN 0098-5589 (print), 1939-
REFERENCES


Bavota:2014:MRM


Bohme:2016:PPA


Borstler:2016:RMC


Baah:2010:PPD


Bohme:2017:CBG


[BSL+13] T. Berger, S. She, R. Lotufo, A. Wasowski, and K. Czarnecki. A study of variability models and languages...

**Bryce:2011:DSM**  

**Banerjee:2017:DBR**  

**Burgueno:2015:SFL**  
Blincoe:2015:FCB


Buse:2010:LMC


Brickey:2012:CSA


Borg:2017:SCI


Brun:2015:SAR


Bai:2017:TMC

REFERENCES


REFERENCES


Choetkiertikul:2018:PDC

Cataldo:2011:GEI

Cordeiro:2012:SBB

Cunha:2015:EEV

Clariso:2017:SBS

Cuadrado:2014:CMM


Casale:2012:BEW


Coora:2013:PSA


Cai:2016:DTD


Casale:2012:DBM


Concas:2011:DBE


Carvajal:2013:UTS


Chen:2018:SBO


Chen:2012:DDC


Clarke:2015:ERB


Cotroneo:2016:RTT

REFERENCES


Chen:2013:EEU


Chen:2011:SPI


Calinescu:2017:ETS


Casagrande:2014:NKS


Cai:2018:DRS

REFERENCES


Chen:2011:DSU


Chen:2013:ACO


Cornelissen:2011:CEP


Dwyer:2016:CSS


diBella:2013:PPS


decaso:2012:AAC

G. de Caso, V. Braberman, D. Garbervetsky, and S. Uchitel. Automated ab-

[Diaz:2014:SVN]


[Damevski:2017:PFD]


[DeLucia:2011:ISC]


[Degano:2016:TCL]

REFERENCES


REFERENCES

Dorn:2017:AET

DiNucci:2018:DCB

DiPietro:2012:MCS

Dagenais:2014:UTL
REFERENCES


[DSR11] C. R. B. de Souza and D. F. Redmiles. The awareness network, to whom should I


REFERENCES


El-Kassas:2016:ECC


Eghbali:2016:TCP


Haidry:2013:UDS


Fraser:2013:WTS


Fernandez-Amoros:2014:SAE


Faleissi:2013:EPI

REFERENCES

Fowkes:2017:ASC

Fucci:2017:DTD

Feng:2011:CTE

Frey:2017:GBU

Franzago:2017:CMD
M. Franzago, D. D. Ruscio, I. Malavolta, and H. Muc-
REFERENCES


Garcia-Bañuelos:2018:CIC


Gao:2016:SGT


Galeotti:2015:ILI


Giuffrida:2017:ALU


Groce:2014:YOP

A. Groce, T. Kulesza, C. Zhang, S. Shamasunder, M. Burnett, W. K. Wong, S. Stumpf, S. Das, A. Shinse, F. Bice, and K. McIntosh. You are the only possible oracle: Effective

**Gazzola:2017:ASR**


**Goseva-Popstojanova:2010:GEI**


**Gay:2017:ASM**

REFERENCES


REFERENCES


Galster:2014:VSS


Guo:2015:FDT


Harvie:2016:TSA


Hannay:2010:EPP


Hatton:2014:CIS


Hall:2012:SLR

REFERENCES


[Her17] S. Herbold. Comments on ScottKnottESD in response to “An empirical comparison of model validation tech-

**He:2014:FCE**


**Hierons:2012:ODT**


**Hierons:2015:GCC**


**Hierons:2017:TPF**


**Hertis:2014:EAB**


**Holzmann:2011:SVT**

Hebig:2017:ACE


Harter:2012:DSP


Horwitz:2010:BDO


Hebig:2017:ACE


Harter:2012:DSP


Horwitz:2010:BDO


Harman:2010:TES


Habayeb:2017:UHM

[HMMP17] M. Habayeb, S. S. Murtaza, A. Miransky, and A. B.

[Hoda:2013:SOR]

[Henard:2014:BCE]

[Huang:2016:GTF]

[Hayden:2012:EDS]

[Hierons:2016:PAT]


J. Itkonen, M. V. Mäntylä, and C. Lassenius. The role of the tester’s knowledge in exploratory software testing. *IEEE


REFERENCES

Jiang:2015:SLT


Jhi:2015:PCU


Jovanovic:2015:IPS


Jiau:2013:OOB


Jan:2017:AGT


Jing:2017:ISB

REFERENCES


Kessentini:2014:CPS


Kwan:2011:RMM


Kocaguneli:2012:EEA


Kocaguneli:2012:VEE


Kocaguneli:2013:ALE

Kral:2015:GGA

REFERENCES


Kim:2013:ISS


Krein:2016:MSJ


Kpodjedo:2013:MMM


Krintis:2018:DTM


Kramer:2010:ENE

REFERENCES


**Kim:2013:WSW**


**Kim:2011:WCS**


**Kim:2017:DSS**


**Kim:2014:ESR**


**Leungwattanakit:2014:MSM**

Latorre:2014:EDE


Limam:2010:ASS

REFERENCES


Lim:2012:SUS


Lienhard:2012:SDA


Liu:2013:MBI


Lind:2012:NAS


Lee:2014:GGD


LeGoues:2015:MIB


REFERENCES


REFERENCES


**Luo:2017:SBO**


**LeGoues:2012:GGM**


**Lee:2016:DMI**


**Li:2017:TOS**


**Littlewood:2013:CBP**


**Littlewood:2013:CRA**

B. Littlewood and A. Povyakalo. Conservative reasoning about
REFERENCES


See [LR12].

**Lu:2012:FAV**


See comments [LP13b].

**Lin:2014:AER**


**Lee:2013:ESA**


**Li:2017:FSV**

REFERENCES

Li:2018:FSV

LeGoues:2012:MCQ

Leue:2013:ILP

Liu:2014:PTV
REFERENCES


REFERENCES


REFERENCES


Melina Mongiovì, Rohit Gheyi, Gustavo Soares, Márcio Ribeiro, Paulo Borba, and Leopoldo Teixeira. Detecting overly strong preconditions in refactoring engines. *IEEE
REFERENCES


REFERENCES

**Murphy-Hill:2015:DSB**


**Marcetto:2016:MOT**


**Macedo:2017:FBC**


**McBurney:2018:TPD**


**McIntosh:2018:FIC**


REFERENCES

73–100, January/February 2012. CODEN IESEDJ. ISSN 0098-5589 (print), 1939-3520 (electronic). URL


REFERENCES


**Madeyski:2014:OEM**


**Mariani:2011:DAD**


**Mateescu:2012:ASP**


**Mariani:2017:GTE**

REFERENCES

Maalej:2013:PKA

Moser:2012:DSS

Medeiros:2018:DMR

Margara:2018:SDR

Maras:2013:ICI


Maplesden:2015:PAO


Mateo:2013:VSO


Mesbah:2012:IBA


Manadhata:2011:ASM


McMinn:2017:ADR


Nallur:2013:DSA

V. Nallur and R. Baarsoon. A decentralized self-adaptation mechanism for service-based applications in the cloud. *IEEE Trans-


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


org/stamp/stamp.jsp?arnumber=7081752.

org/stamp/stamp.jsp?arnumber=6419711.

org/stamp/stamp.jsp?arnumber=7962212.

org/stamp/stamp.jsp?arnumber=7081752.

org/stamp/stamp.jsp?arnumber=6419711.
Praditwong:2011:SMC


Panichella:2018:ATC


Pittke:2015:ADR


Pettersson:2010:EAD


Peters:2013:BPU


Palyart:2017:SSI

M. Palyart, G. C. Murphy, and V. Masrani. A study of social interactions in open source component use.
REFERENCES


Pauleve:2011:TTF


Piccioni:2013:CSE


Perepletchikov:2011:CEE


Perepletchikov:2011:CEE

REFERENCES


REFERENCES

http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5928356

Pan:2017:GCF


Palomba:2017:TSA


Padgham:2013:MBT


Qiu:2016:URE


Ralph:2018:TMG


Ramasubbu:2014:GSP

REFERENCES


Rothlisberger:2012:EDI


Ramasubbu:2017:ITD


Ramasubbu:2012:SCP


Rodeghero:2015:ETS

REFERENCES


REFERENCES


Schreiber:2012:PLM


Stol:2017:CBC


Song:2014:STN


Sharp:2016:RES


Schumann:2014:MHL


Stolee:2013:IIR

[SE13] K. T. Stolee and S. Elbaum. Identification, im-


REFERENCES


(Salmeron:2012:FRI)


(Shahbazi:2016:BBS)


(Salleh:2011:ESP)


(Syer:2015:RRE)

**Salvanesci:2017:PER**


**Song:2014:IED**


**Simons:2010:IES**


**Sakti:2015:IGP**


**Segura:2017:MTR**

REFERENCES

Skene:2010:SLA


Sen:2012:MDW


Sarma:2012:PED


Shepperd:2013:DQS

REFERENCES

Shahbazi:2013:CVT


Schafer:2012:CAN


Shivaji:2013:RFI


Samuel:2015:CR


Scandariato:2014:PVS

REFERENCES


Tribastone:2012:FRS


Tribastone:2012:SDA


Tuya:2016:CAT


Thimbleby:2015:SUI


Taiani:2014:GUC

REFERENCES

Tian:2018:RSP


Tantithamthavorn:2017:ECM


Tantithamthavorn:2018:CRB


Tsanthis:2015:ARS

REFERENCES


Thomas:2013:ICC


Toledo:2012:AJA


Tufano:2017:WWY


Treude:2015:EDT


Tribastone:2013:FML


Treude:2012:WIT

REFERENCES

Torrado:2013:SRM

Tian:2015:SPD

Unterkalmsteiner:2012:EMS

Uzuncaova:2010:ITG
REFERENCES


REFERENCES


REFERENCES

Wang:2013:LNE

Wang:2013:LNE

Xia:2017:MPC

Xia:2017:ALS

Xia:2016:HMC

Xuan:2012:SLS


REFERENCES

Yilmaz:2014:RME

Yilmaz:2013:TCA

Ye:2013:WST

Yusop:2017:RUD
Yu:2018:EDB


Yu:2018:CCD


Yuan:2010:GES


Yu:2018:TCG


YYang:2015:SBC

Zav:2017:RAI


Zhang:2012:WDW


Zickert:2012:CES


Zhu:2015:CDP


Zhang:2015:RRV


Zhang:2017:USA

REFERENCES


Zimmermann:2010:WMG


Zisman:2013:PRR


Zhang:2016:LSD


Zhou:2016:MTS