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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: `https://www.math.utah.edu/~beebe/`

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## Title word cross-reference

$^{++}$ [SFP+21]. $^{2}$ [CF22]. $FS^3_{change}$ [JM23]. $\mathcal{K}$ [EFHT21]. $n$ [DLC+22].

**-Branching** [EFHT21]. **-Gram** [DLC+22].

**19** [dMS+22].

**2.0** [SdSS+21, TKD22]. **2Abs** [CF22].

**5** [SRG+23].

**A3** [LSC22]. **AAA** [WXY+23b]. **Abandonment** [LYW+22]. **Abbreviations** [JLZZ20a, JLZZ20b, JLJZ22]. **Abstract** [BSV24, JHA+20, LGC+22]. **Abstraction** [SSSC22, WSQJ21, YDLW20]. **Accelerated** [LZL+22]. **Accelerating** [CWH+21, GEJM22, HLGX23, THEF+24, XYWX24]. **Acceptance** [IYNH21, WPGB22]. **Access** [JLJ+22]. **AccessFixer** [ZLC+24]. **Accessibility** [CCF+22, ZLC+24]. **Accessible** [CCF+22, ZZX+23]. **Accessing** [YLC+21]. **Accurate** [JLZZ20a, JLZZ20b, XXCL19, YBKB23, XXCL21]. **Achieving** [ZWL+23a]. **Across** [BFP+23, CXLX21, MAP+22, SRS23, WXH21]. **Actionable** [GSN23, YKT+23]. **Active** [KL22, YTWM21, ZWX+23]. **Activities** [MKJ21]. **Actually** [PPP+22]. **Ad** [AHH22]. **Adaptation** [SJR+22, ZLXY23]. **Adapters** [SHM21]. **Adaptive** [BMPR21, CHM24, GLPP21, HSX+21, MM22a, THBEF23, WXG+21, WNP+20, XZL+22, aFbPS22]. **Additional** [LZL+22]. **Addressed** [HSH+22]. **Addressing**

[KSO+23, ZWB+21]. **Admitted** [EOH23, LSAS23, XWM+22, YFTM22]. **Adobe** [JBS+22]. **Adoption** [LVEY+23, MEW22, SFC22a, TAV20]. **ADPTriage** [JCMB23]. **Advanced** [DAM23]. **Adversarial** [GZZ+22, ZWS+22, ZRDD22, vSSE23]. **Affect** [WWW+22]. **Affecting** [APHL22, KGvDG22]. **Affects** [MTR21]. **After** [GSXH22]. **AGA** [LZL+22]. **Again** [dAAvdH23]. **Against** [CAAB23, DAM23, UO22, WCG+21]. **Agents** [ZAB+23]. **Agile** [BHMS23, EWC22, FT23, HSH+22, KTH+22, KGvDG22, MHG22, MHG23b, MHB22b, RCMB22, TKF23, TMS23]. **Agnostic** [JTDG22, ODTS23, SAK+23, WTT+22]. **Agreement** [PGPa+22]. **Agreements** [CAAB23]. **AI** [AAT+22, DC24, HLX+24, SXM23, ZLA+23]. **AI-Enabled** [SXM23, ZLA+23, AAT+22]. **Airspaces** [VBW+21]. **Algorithm** [DGY+22, DPZD20, GXD+24, HB21, LZL+22, PMKY23, PWA+21, TII22, WYGL24, aFbPS22]. **Algorithmic** [QTL+22]. **Algorithms** [AMDD22, BDR+20]. **Alignment** [WLY+21]. **Allocation** [BLQ21, BMPR21, ZLS+23]. **Alloy** [ED23]. **Almost** [GF23]. **Amandroid** [ZWQR22]. **Ambidexterity** [WLMR21]. **Among** [MMZ+22]. **Analogical** [CXLX21]. **Analyses** [QZCP22]. **Analysing** [DMZD22]. **Analysis** [AYY+22, BSK+22, BCJ+22, BLS21, CF22, CGSV22, CZW+23, CPB22, CBWV22, DKH+20, DB22, DWA22, Ebb23, FCGA23, FYS+23, FMBtB22, FTH+21, FFT21, GBDF22, GdLCS22, GTL+23, HLGX23, HSR21, HJL+22, IWD23, JHA+20, KTSS20, KKC+23, KGS23, LS23, LLC+22, MDX+21, NSMMA23, PLHR23, PC20, PCY22, PAV21, RBB23, SABZ22, SAC23, SX20, SR21, TLLV20, TSBB20, VCPB23, WCG+21, WDNH22, WXL+23, WNP+21, YKT+23, ZYZY23, ZMH+21, ZWQR22, ZSM23, ZZC+23, ZPX+21, dCC+22]. **Analyst** [ADPJ23]. **Analytics** [AFC+21, AYA+22]. **Analyze** [UBGK21]. **Analyzing** [CXL+22a, DDCC23, HFG+23, MMZ+22, NWCS20, SGJ20, SVOJ21, ZWQR22]. **Android** [ABLVL21, CR21, CCF+22, CFCL23, EVLVB+22, FYS+23, GZLW24, GYF+23, HFG+23, HDW+23, HXJ+23, LSC22, LWW+20, LBK21, LDL+22, MCY23, MM22b, SMA+21, SFC+22b, SSL+23, SAK+23, SCL+23, WLGT23, WWW+23, WLC+20, XZL+22, YLC+21, ZLF+22, ZLL+22, ZWQR22, ZLW+23]. **Animation** [GZLW24]. **Animation2API** [WLGT23]. **Animations** [WLGT23]. **Annotating** [NDA+22]. **Annotations** [YBSM21]. **Annotative** [SAC23]. **Anomaly** [ALT22]. **Anonymous** [MHDH+22]. **Answer** [NLM23, ZYZ+20]. **Answering** [BWAH22, HLX+24, ZLG+23]. **Answers** [WCH20, ZWC+21, ZWCH21, vdLWHR22]. **Anti** [MCK+21, TEM22]. **Anti-Discrimination** [TEM22]. **Anti-Patterns** [MCK+21]. **Anticipatory** [MPM21]. **Antipatterns** [SGP+22, TPBF23]. **Any** [MMT22]. **Any-Horizon** [MMT22]. **Apache** [RKM22]. **API** [AXR+23, CXLX21, CPX+22, CGR+23, CVGA22, EBM22, GZLW24, GMWL22, HLX+24, JLJ+22, KL22, KMSH22, LLS22, LSC22, LWCK21, LPM+22, MXC+21, MCY23, NDD+22, PLG+23, UBGK21, WLGT23, ZJR+21, ZKX+23, ZWY+20, ZYC+22]. **API-Related** [LPM+22, UBGK21]. **APIMatchmaker** [ZLW+23]. **APIs** [AMLS+23, AST23, CXLX21, KSA+21, LJKC20, TCA+23, UK21, ZZX+23, ZLW+23]. **App** [ASSB+21, BCCH+23, DDCC23, FYS+23, FMBC+23, GZW+22, HLC+22, NZZ21, SFC+22b, TCS+23,

TZL+22, YFZ+23, ZCZ+21, CCF+22]. **Application** [CR21, GWMZ23, GLZ+23, TWZ+22]. **Applications** [AME+23, BLQ21, ESvE+22, EFB21, FCGA23, GBJ+23, HKSH22, JHA+20, LFZ+22, LC23a, MM22b, PBJ24, PBC+22, SHWA23, SMA+21, TSBB20, TPBF23, XSQ+23, ZSC+21, ZBA23]. **Applying** [FW23]. **Approach** [AMS21a, AKA+22, AKM+20, AKT22, BSK+22, BK23, CGN+23, CHM24, DHMP23, FT23, GLK+20, GLPP21, GStZ+23, GLZ+23, HWZ+21, IAM+20, JLL+23, KSA+21, LY24, LV22, LWL+23, NDA+22, NNNV22, NMA+23, NNL+20b, PMC+21, PT23, SGP+22, TPK21, TCS+23, TSBB20, VDBP+22, WPGB22, WXY+23a, YFTM22, ZLM+22, ZLG+23, ZYF+23, ZAB+23]. **Approaches** [CJL+21, EYW23]. **Appropriate** [SH21]. **Approximate** [JCMB23, PXY+23]. **Apps** [ABLVL21, AHH22, CFCL23, EVLVB+22, GZLW24, HBH20, KSO+23, LBK21, MBCC+20, PXP+22, PL21, SFC+22b, SSL+23, TWZ+22, WWW+23, WLC+20, XZL+22, YM23, YLC+21, YWL+23, ZLF+22, ZLW+23]. **APPT** [ZFS+24]. **Architects** [dAAvdH23]. **Architectural** [GKGM22, PKH+21, SNNO22, SA23, XCK+22]. **Architecture** [HSR21, JZC+23, MCK+21, SA21, TKF23, WXH21, XXCL19, XXCL21, ZLS+23, dAAvdH23]. **Architecture-Based** [ZLS+23]. **Architecture-Level** [JZC+23]. **Architectures** [AME+23, CCA+24]. **Argue** [TFF+22]. **Arithmetic** [GXS+22, SPK22]. **ARJA** [YB20]. **ARM** [JDZ+23]. **Armed** [LV22, RKH+22]. **Aroc** [JWW+22]. **Array** [GStZ+23]. **Art** [LY24, MHH+21, SBL21, TDM+24, YSSH22]. **ARTE** [AMLS+23]. **Artificial** [LLS22, OGK+23]. **Aspects** [HGHM22, IBR23, PAA+21]. **Assembly** [LSZ+23a, UO22]. **Assertion** [ZHHA23]. **Assess** [TFF+22]. **Assessing** [NMA+23, SBV+21]. **Assessment** [DPRVG+23, FFR+24, GPG21, LCLL+23, LDRK24, MNS+23, PATB23, TAJ21, ZLL+22]. **Assessments** [SZ23]. **Assessor** [GCSHB21]. **Assignment** [MHB22b]. **Assignments** [LLL+23]. **Assist** [GYF+23, MWdA21]. **Assistant** [EBM22]. **Assisted** [HLX+24, MHBS23, WCW+24]. **Assisting** [LLS22, LSC22, LLC+22]. **Association** [ZWB+21]. **Associations** [FRGCH20]. **Assuming** [SZ23]. **Assumptions** [GMN+22]. **AST** [LWL+23, MFM23]. **AST-Path-Based** [LWL+23]. **ATL** [CBWV22]. **ATOM** [LGC+22]. **Attack** [AMG+23, QHL+23, ZWC+23]. **Attacks** [WCG+21]. **Attention** [WZS+22, ZLXY23, ZWS+24]. **Attentional** [WGY+24]. **Attributes** [PCM23]. **Attribution** [HFG+23]. **Augmentation** [GLZ+23, YHW20]. **Augmenting** [ESMM23]. **Author** [KGS23, MHDH+22]. **Authorship** [ODTS23]. **Auto** [HB21, MKJ21]. **Auto-Completion** [MKJ21]. **Auto-Scaling** [HB21]. **Automata** [PMGM22, PL21]. **Automated** [ABLVL21, ANS+22, AMG+23, AMLS+23, BDR+20, CAAB23, CXL+22a, GYF+23, GSXH22, JTA+23, JLJZ22, JLL+23, LCLL+23, LCY+23, LCC+23, LCW+23, MSV22, MSB+22, OMM+23, PBM22, SHWA23, SNET24, TPK21, TCS+23, TZL+22, TPBF23, XCP+22, YGM+22, YB20, ZTT+23, ZFS+24, ZLC+20]. **Automatic** [Ala23, CLL+22, CQL+23, DTP+21, EFB21, GBP23, JLZZ20a, JWW+22, KMSH22, LWCK21, LN22, LKP+21, MBGC22, PMGM22, PZC22, SVTTB23, UK21, WGW+22, WPGB22, WXY+23a, WBC+23, WNB+23, ZWS+22, ZKX+23, ZWY+20, JLZZ20b]. **Automatically** [AST23, CCA+24, CHB+22, CFCL23, MCK+21, NTR20, SBV+21,

WSQJ21, WXY+23b, YWL+23]. **Automating** [HHZZ23, HXLM20]. **Automation** [AAT+22, TDM+24]. **autoMPI** [AMG+23]. **Autonomous** [BSK+22, DZZ+23, HAC+23, LSZ+23b, SSBA23, SPT23, VBW+21, ZKR23, ZST+23, vSSE23]. **Autoregressive** [LC23b]. **Aware** [AKA+22, AMG+23, END23, GLPP21, HLX+24, NXL+22, SAC23, WYW+22, ZLM+23, ZLA+23].

**Back** [DMZD22, WWK+23]. **Backed** [LC23a]. **Backporting** [DMZD22]. **Bad** [CBLA21, HBH20, dPSDdAM21]. **Balanced** [WXH21]. **Bandit** [LV22]. **Based** [ARdNF+22, ANS+22, AKM+20, AKT22, BK23, BMBB23, CCPP23, CAAB23, CKDR22, CDAR22, CPF21, CPX+22, CCW22, CHM24, CDK20, END23, FGB23, FFR+24, FT23, FNT+23, GJL+21, GXD+24, GLK+20, HLT+21, HWZ+21, HFS+23, JM22, JLJZ22, JLJ+22, JLG+23, JLC+21, KRB22, KSJ+21, LLS22, LCY22, LZJ+23, LS23, LCL+22, LWL+23, LJX+21, LGC+22, LN22, LSZ+22, LDC+23, LL23, LZP+23, LZM+23, MMT22, MMT23, MAG+22, MBCC+20, NSMMA23, NSHL+23, PMC+21, PMKY23, PC20, PCM23, PATB23, PGPa+22, PFAC22, PWA+21, RP23, RKH+22, RUM22, SA23, SvdALS23, SPK22, SRS23, SPv20, SX20, SFP+21, TC23, TPBF23, THEF+24, UC21, WPGB22, WPXM23, WMY+23, WYGL24, WCT+21, WGY+24, XHL+22, XYWX24, XZY+23, XGW+24, YM23, YZP+22, ZLL+21, ZRDD22, ZLXY23, ZGZ+23, ZLS+23, ZLH+23, ZSC+21, ZST+23, ZYF+23, ZAB+23]. **Basic** [XZY+23]. **Batch** [BBR22]. **Batching** [WLT+23]. **Bayesian** [FFT21, SZ23]. **Be** [AMSR21, HSH+22]. **BEETLE** [KNJM21]. **Behaving** [RBZ22]. **Behavior** [CRAF23, EYW23, GBJ+23, SRT+22]. **Behavioral** [AMHW22]. **Behaviors** [CR21]. **Behaviour** [KBD+22]. **Behavioural** [BLS21]. **Beholder** [APHL22]. **Benchmark** [CBLA21, LBK21, ZWC+23, ZPX+21]. **Benchmarking** [CGN+23, PLG+23, SFC+22b]. **Benchmarks** [AXR+23, CBLA21]. **Benefits** [EWL+22, LSA+21]. **BEQAIN** [ZLG+23]. **BERT** [ZLG+23]. **Best** [SHE+22]. **Better** [CCM+23, KTSR22, LY24, LJL+22, PCM23, TYM22, WWC+21, ZWS+24]. **Between** [BL23, GHZ23, HLPK22, JBL21, KMP23, LDRK24, NRPN22, TKF23, YMC+23, ZLWC24, ZWB+21, FRGCH20, LJKC20]. **Beyond** [PAA+21, WPXM23]. **BiAn** [ZYX+23]. **Bias** [AYY+22, STRM23]. **Biased** [PMF+22]. **Biases** [MST+20]. **BiasFinder** [AYY+22]. **Big** [BLQ21, KTSR22]. **Big-Data** [BLQ21, KTSR22]. **Binaries** [ADS22]. **Binary** [GJL+21, HWZ+21, KKC+23, PLHR23, PXY+23, SHM21, UO22, WMY+23, XZY+23, XXCL19, XXCL21, YFL+22]. **BinDiffNN** [UO22]. **Biometric** [HDC+23]. **Bit** [KRB22]. **Bit-Vector** [KRB22]. **Bitcoin** [NNL23]. **Black** [AAB+23, AMHW22, FGB23, VDBP+22]. **Black-Box** [AAB+23, AMHW22, FGB23]. **Block** [RKH+22]. **Block-Based** [RKH+22]. **Blockchain** [WXH21, WLT+23]. **Blocks** [FFR+24, XZY+23]. **Bloom** [HXJ+23]. **Boosting** [HJL+22, WSP+23, ZLL+21, ZFS+24, ZYC+22]. **Bootstrapping** [LCY+23]. **Bottleneck** [WYN+23]. **Boundary** [SSBA23]. **Bounds** [ZLS+23]. **Bounties** [ZWB+21]. **Bountysource** [ZWB+21]. **Box** [AAB+23, AMHW22, FGB23]. **BPMN** [SvdALS23]. **Branches** [YZP+22]. **Branching** [EFHT21]. **Break** [HSB+23]. **Breakage** [GdCZH21]. **Breakages** [GHZ23]. **Breaking** [CMAS22, PDV23]. **Bridging** [LJKC20]. **Broken** [LXL+22]. **Bug** [AST23, BWAH22, CCW22, FXLH20,

FMBC+23, GCSHB21, HML+24, HTL+21, JCMB23, JBS+22, JLL+23, QZC+21, RPNR22, WBC+23, WZXL22, ZLH+21, ZWM22, ZLC+20, aFbPS22]. **BugBuilder** [JLL+23]. **Buggy** [aFbPS22]. **Bugs** [BLZ+19, BLZ+20, LLL+22, NWCS20, RPNR22, WZS+23, WZS+24, ZYZY23, ZWM22]. **Build** [BBR22, GdCZH21, XWM+22]. **Building** [JLL+23, SSSC22]. **Builds** [GHZ23, SWC+22]. **Business** [vBGC+23]. **Bytecode** [CXL+22a, LLZ+23, SAK+23]. **Bytecode-Level** [LLZ+23].

**C** [CKM23, SX20, VSA+22, ZWL+22]. **C/C** [ZWL+22]. **Caching** [GEJM22]. **CAGFuzz** [ZRDD22]. **Call** [ALL+21, BEK+23, DDP+23]. **Callback** [PL21]. **Calls** [NDD+22]. **Can** [AMSR21, DCAA22, HDW+23, HSH+22, KRB22]. **Candidate** [JLC+21]. **Canvas** [MVR+23]. **Capabilities** [APdS23, KMSH22]. **Capability** [LL23]. **Capture** [SAPGIM22, WXH21]. **Capturing** [LXS+23]. **Career** [YWR23]. **Case** [AAB+23, BKB22, BMPR21, COH22, CVGA22, DPZD20, GPG21, GLPP21, HSH+22, HPW+22, LZL+22, LSAS23, LV22, LAM22, LN22, MAP+22, RPNR22, RMT20, SA21, TAV20, WXH21, WCH20, WPGB22, WZXL22, YHG+24, YBKB23, YKT+23]. **Cases** [ATZ22, VBW+21, VPBB23, WPGB22, WXY+23b]. **Categorizing** [NTR20]. **Cause** [GRR+23]. **Caused** [BCJ+22]. **Causes** [LCL+22, LGL+23]. **Causing** [NNL+20a]. **CBGA** [PWA+21]. **CBGA-ES** [PWA+21]. **CBUA** [ZLM+22]. **Centered** [DWA22]. **Centric** [KSO+23, SMA+21]. **Cerebro** [GOD+23]. **CfgNet** [SRS23]. **Chaff** [FXLH20]. **Chain** [JWW+22, WYGL24]. **Chains** [BDR+20]. **Challenges** [DPH+22, EWL+22, GKS+23, GTL+23, HFG+23, HMFL23, KLS+22, KUC+21, PFR+22, VHFA22, WXH+20, WLL+22, YNWC24, ZLK+21]. **Challenging** [ZGZ+23]. **Change** [ARdNF+22, HJL+22, JM22, JM23, MHG23b, SY21, WXLM21, WWC20, ZCZ+21, ZSC+21]. **Change-Patterns** [HJL+22]. **Changes** [DBP23, FXdC+21, MHG22, MHG23a, PKH+21, RKM22, WWK+23, WWC20]. **Changeset** [CDK20]. **Changeset-Based** [CDK20]. **Chaos** [ZMH+21]. **Characteristics** [RVK+22, SBDR22, ZLH+21]. **Characterization** [ESvE+22, LFaG+22, OMM+23]. **Characterizing** [FXLH20, RP23, SSL+23, VMA22, WWC+21, XWM+22, YBSM21]. **Chatbot** [RCS+23]. **Chatbot4QR** [ZHX+22]. **Chatbots** [ABCS22]. **Chatrooms** [EAGZ22]. **Checking** [AAT+22, CPJ21, CAAB23, FCGA23, GMN+22, GJX+21, MS22, TTO23, WMY+23, vBGC+23]. **checsdm** [PEM21]. **Choice** [vdLWHR22]. **Choose** [FMN+22]. **CI** [AMS21a, AMSR21, CCW23, GM20]. **CirFix** [SHWA23]. **Citation** [ZTW21]. **Claims** [PDM+21]. **Class** [DDP+23, GZZ+23, HJC+22, QZC+21, THM20]. **Class-Level** [DDP+23]. **Classes** [FRGCH20, PMC+21]. **Classic** [MZH22]. **Classification** [MS22, YGM+22]. **Classifiers** [DLP+24, RWKH21, RWO+22, ZWS+22]. **Clean** [DCAA22]. **Clone** [AS23, HFS+23, MSJP23, SR21, YHG+24, ZGZ+23]. **Clones** [LCYS22]. **Cloning** [KDVM23]. **Closed** [EVLVB+22, KKN+21, LAM22]. **Closed-Source** [EVLVB+22]. **Cloud** [HB21, PVB+21, SFC22a]. **CloudRaid** [LLL+22]. **Cluster** [PWA+21]. **Cluster-Based** [PWA+21]. **Clustering** [DGY+22, LFZ+22, SABZ22, TII22]. **Coaster** [MHG23a]. **Code** [AS23, BEK+23, CGN+23, CDAR22, CPX+22, CKM23, CCP+22, DDPT22, DBP23, DCAA22, FRGCH20, dAFdOBT21, GJX+21, GPG21,

GRR+23, HDC+23, HMIM22, HWZ+21, HFS+23, HJC+22, IW23, JM22, JKS23, JSW+23, KR24, KDVM23, KKC+23, LSC22, LCYS22, LY24, LJX+21, LXS+23, MNS+23, MCP+23, MAG+22, MSJP23, MHDH+22, NH22, NDA+22, NDD+22, ODTS23, PKH+21, PAA+21, PCY22, RKP+21, RdWT23, RVSP20, SSGG23, SBV+21, SBFW22, SHM21, SCZ+23, SY21, TDM+24, VSA+22, WW22, WZS+22, WPXM23, WMY+23, WYG+23, WZS+23, WZS+24, XSQ+23, XGW+24, XXCL19, XXCL21, YFL+22, YHG+24, YGM+22, YMC+23, ZJR+21, ZWL+22, ZYX+23, ZGZ+23, ZLH+23, ZYF+23, ZBA23, TZZ23]. **Code-Comment** [JSW+23]. **Code-Level** [GRR+23]. **Code-Related** [MCP+23]. **Code2Img** [HFS+23]. **Codee** [YFL+22]. **Coder** [PGPa+22]. **Coding** [GMWL22]. **CODIT** [CDAR22]. **Coevolutionary** [SSBA23]. **Cognitive** [MST+20]. **Coin** [MSG21]. **Collaboration** [SBDR22]. **Collaborative** [CFP+21, RML+23]. **Collection** [ESvE+22]. **Collections** [FIY+23]. **Collisions** [LSZ+23b]. **Colored** [VDBP+22]. **Colosseum** [MN22]. **Combatting** [ZWC+23]. **Combination** [CPX+22]. **Combinations** [ZLX+21]. **Combinatorial** [EFM+23, GLK+20, GStZ+23, MJY22, NNL+20b, NSW+22, NWN+22, RLL+22, WNP+20, WNP+21]. **Combining** [GMN+22]. **CombTransformers** [BC23]. **Comment** [JSW+23, LWL+23, LXL+23, XGW+24]. **Comments** [ZZC+23]. **Commercial** [SWC+22]. **Commit** [LGC+22, RKM22]. **Commits** [AMS21a, AMSR21, CSS22, JM22, SOM22]. **Common** [KLS+22]. **Communities** [APCs22, BKR+20, BSFR22, HMIM22, TZZ23, WXH21]. **Community** [BGL+21, ESvE+22, FEA23, NLM23, PAA+21, TPK21]. **Companies** [ZZMJ21]. **Company** [BGL+21]. **Comparative** [MM22a, WNP+21]. **Compare** [PPJ22]. **Comparing** [EWC22, EYW23, RKH+22]. **Comparison** [ABCS22, HWZ+21, WCXG22, WNP+20]. **Comparisons** [LKP+21]. **Compatibility** [MCY23, WLC+20]. **Compiler** [CWH+21, JZR+22, TJZ+22]. **Compiling** [NBO22]. **Complementary** [LLS22]. **Complete** [Ala23]. **Completeness** [AAT+22]. **Completion** [CCP+22, MKJ21, XSQ+23, ZZC+23]. **Complex** [AFC+21, BCCH+23, PMC+21, VDBP+22, WSQJ21]. **Complexity** [BL23, QTL+22]. **Compliance** [CAAB23, vBGC+23]. **Component** [OSKH23, PC20, SPK22]. **Component-Based** [PC20]. **Components** [DTP+21, EFB21]. **Composing** [JBS+22]. **Composition** [EYW23, QZCP22]. **Compositional** [BSK+22, CGSV22, LDC+23, VDBP+22]. **Compound** [XCK+22]. **Comprehension** [HDC+23, WW22]. **Comprehensive** [GZZ+23, JDZ+23, LDL+22, HDW+23]. **Compression** [YSSH22]. **Computer** [BSMM22, CVGA22]. **Computing** [Mas23, MPM21, PVB+21, ZZH23]. **Concept** [WPXM23]. **Concepts** [NR23]. **Conceptual** [BDP+22]. **Concise** [LLL+23]. **Concretization** [BSV24]. **Concurrency** [LLL+22]. **Concurrent** [YHW20]. **Conditional** [GBDF22]. **Conditions** [WGW+22]. **ConEx** [KTSR22]. **Confidence** [RBB23, XGW+24]. **Confidentiality** [DHB21]. **Config** [SH21]. **Config-Related** [SH21]. **ConfigMiner** [SH21]. **Configurable** [KNJM21, TLLV20]. **Configuration** [ANS+22, HSB+23, SKAP20, SH21, SRS23, ZHX+23]. **Configuration-Based** [ANS+22]. **Configurations** [KTSR22, LSZ+23b, NYM+20]. **Confirmation** [STRM23]. **Confirmatory** [SRT+22]. **Conflict** [VR24]. **Conflicts**

[GMBv20, GF23, VHFA22, WWW+22]. **Conformance** [LN22]. **Confounders** [WW22]. **Congruence** [MJT+22]. **Congruent** [WWK+23]. **Consensus** [ESvE+22, NNL23]. **Consider** [JZZ+21]. **Considering** [SNNO22]. **Consistency** [HLPK22, PEM21, YFZ+23, HSB+23]. **Consistency-Preserving** [HSB+23]. **Consistent** [MSV22]. **Constant** [EK21]. **Constant-Space** [EK21]. **Constrained** [MMT22, WNP+21]. **Constraint** [TSBB20, WZS+23, WZS+24, WNP+21, YDLW20, ZWL+23a]. **Construct** [SB23]. **Constructing** [CCW22, ZWX+23]. **Construction** [ALL+21, EA22, ZWC+23]. **Constructs** [NRZ21]. **Containerization** [ZZH23]. **Contemporary** [HMFL23]. **ConTesa** [YHW20]. **Context** [BEK+23, CPX+22, HLGX23, HLPK22, LYZ+22, WXG+21, WYW+22, ZLM+23]. **Context-Aware** [WYW+22, ZLM+23]. **Context-Dependent** [HLPK22]. **Context-Sensitivity** [HLGX23]. **Contexts** [MHG22, YBKB23]. **Contextual** [BTR22]. **Continuous** [EWL+22, GM20, GEJM22, GHZ23, LV22, LZM+23, PCY22, SOM22, YBKB23]. **Continuously** [SM23, WLL+22]. **Contract** [CPF21, CXL+22a, CXL+22b, KLS+22, MXR+22, QHL+23, WLT+23, ZYX+23, ZLK+21]. **Contract-Based** [CPF21]. **Contracts** [CPF21, CLL+22, EOH23, GJX+21, JWW+22, KDVM23, LLZ+23, LSZ+23a, ZWC+23]. **Contrasting** [HPW+22]. **Contribution** [YWR23]. **Contributions** [BGL+21, LMZ+22, NRPN22, WWK+23]. **Contributor** [BXLM21]. **Contributors** [TGW+22]. **Control** [BSK+22, HML+24, JM22, JZZ+21, KBD+22, Mas23, PL21, RCP+21, WZS+23, WZS+24, ZLA+23]. **Controlled** [KTJ21]. **Controllers** [EFB21, NBD+20]. **Controlling** [PBM22]. **Cooperative** [SSBA23]. **Coordination** [BHMS23, WLMR21]. **core** [QZC+21]. **Cores** [GWGH21]. **Correct** [KSA+21, SGP+22]. **Corrections** [BLZ+20, JLZZ20b, SGP+22, WZS+24]. **Correctness** [LCLL+23, WZXL22, ZFS+24]. **Correlated** [JTH21, WXL+23, ZHX+23]. **Correlation** [KMSG22]. **Correlations** [ZLWC24]. **CoSS** [SCZ+23]. **Cost** [HB21, SNNO22, SPK22, WMY+23, WLT+23, WLMR21]. **Cost-Effective** [WLT+23]. **Cost-Effectiveness** [WLMR21]. **Cost-Efficient** [HB21]. **Costs** [Her21, LSA+21, XCK+22]. **Counterexample** [BLS21]. **Countermeasures** [GXS+22]. **Counting** [PPP+22]. **Coupling** [JZZ+21]. **Coverage** [BMPR21, CWH+21, EFM+23, IW23, MN22, RBB23, SGP+23, WZS+23, WZS+24, WCW+24, ZRDD22, ZLA+23, ZWL+23a, ZLWC24]. **Coverage-Guided** [ZRDD22]. **Covered** [VMA22]. **Covering** [GStZ+23]. **COVID** [dMS+22]. **COVID-19** [dMS+22]. **CPVD** [ZLXY23]. **Crash** [MC22, SPv20]. **Crashes** [SFC+22b]. **Creativity** [MTR21, MRTM22]. **Criteria** [EFM+23, ZLA+23, ZLWC24]. **Critical** [LCY22, MG20, PEM21, ZTT+23]. **Cross** [FEA23, GJL+21, LZJ+23, LTH22b, MSJP23, NXL+22, TMF23, XXCL19, XXCL21, ZLXY23, vBGC+23]. **Cross-Architecture** [XXCL19, XXCL21]. **Cross-Community** [FEA23]. **Cross-Instance** [vBGC+23]. **Cross-Language** [MSJP23]. **Cross-OS** [XXCL21, XXCL19]. **Cross-Platform** [GJL+21]. **Cross-Project** [LZJ+23, LTH22b, NXL+22, TMF23]. **Crossover** [KMSG22]. **Crowd** [VSA+22, WCXG22, ZJR+21]. **Crowd-Scale** [WCXG22]. **Crowd-Sourced** [VSA+22]. **Crowds** [WWC+21]. **Crowdsourced** [GYF+23, LFZ+22, SCL+23, WWC+21, YFZ+23]. **Crowdtesting** [WYW+22]. **Crypto**

[TCA+23]. **Cryptographic** [AXR+23, KSA+21, XSQ+23, ZKX+23]. **CrySL** [KSA+21]. **CTOS** [JZR+22]. **Cultural** [APHL22]. **Curation** [OMM+23]. **Current** [IBR23]. **Custom** [LDL+22]. **Cyber** [APM+22, Cat23, CPB22, LM23, MMT23, SXM23, VCPB23, YLA+21, ZWX+23]. **Cyber-Physical** [APM+22, CPB22, LM23, MMT23, SXM23, VCPB23, YLA+21, ZWX+23]. **Cyber-Resilience** [Cat23]. **Cyberphysical** [ALT22]. **Cycles** [HLPK22].

**D** [CF22]. **Daily** [MBBZ21]. **DASP** [LVEY+23]. **Data** [Ala23, BCJ+22, BK23, BLQ21, CAAB23, CXB23, FYS+23, FFT21, GdCZH21, GKS+23, GRR+23, GLZ+23, KTSR22, LZJ+23, LTH22b, NRZ21, RTJ+22, SGTY22, TYM22, VCPB23, WCW+24, WYGL24, WZXL22, YZP+22, ZYZ+20, dCC+22]. **Data-Driven** [VCPB23]. **Data-Informed** [RTJ+22]. **Data-Intensive** [GKS+23]. **Database** [ABON22, JHA+20, LC23a]. **Database-Backed** [LC23a]. **Datalog** [SAC23]. **Datasets** [PR22]. **Date** [SRG+23]. **Day** [MBBZ21]. **Dead** [MNS+23, RVSP20]. **Dealing** [AFG+21, GKS+23]. **Debloating** [ANS+22, TZL+22]. **Debt** [ABON22, AGT+23, DCAA22, EOH23, LSAS23, SA23, TMC+22, XWM+22, ZBA23]. **Debts** [XCK+22, YFTM22]. **Debugging** [BLS21, BLLZ22, DKH+20, SPv20, ZPX+21]. **Decay** [GKGM22]. **Decision** [GGMD23, LTH+22a, RAK+22, SHE+22]. **Decision-Making** [SHE+22]. **Decisions** [ZYGR23]. **Declarative** [DZZ+23]. **Decompilation** [PLHR23]. **Decomposition** [AME+23, QZC+21]. **Deconstructing** [SBDR22]. **Deep** [AAB+23, AMHW22, CKDR22, GWMZ23, HZL+24, HMC+22, HLT+21, HTL+21, LJX+21, LSZ+22, LC23b, NSHL+23, PT23, QGX+22, RBPS20, RBB23, SYLL23, WLNT20, WHG+23, YLA+21, YM22, YFZ+23, ZRDD22, ZLWC24, ZAB+23, dMS+22]. **DeepLineDP** [PT23]. **DeepManeuver** [vSSE23]. **DeepMerge** [DMS+23]. **Defect** [BK23, CM23, CJL+21, CXL+22a, DDPT22, FXdC+21, GRHJ22, GZZ+23, Her21, JTH21, JTDG22, LZJ+23, LTH22b, LGL+23, NXL+22, PM22, PATB23, PT23, QGX+22, RWO+22, SM23, TMF23, THM20, TLW21, TYM22, WXH+20, WLNT20, YXF+22, YHG+24, YM22]. **DefectChecker** [CXL+22a]. **Defective** [WTT+22]. **Defects** [CXL+22b, KCVM22, MSB+22, SSL+23, TJZ+22, WWC20, ZWY+20, ZTW21]. **Defense** [WCG+21]. **Defined** [JDS23]. **Defining** [CXL+22b]. **Definite** [ZYZ+20]. **Degradation** [TC23]. **Degrees** [YZP+22]. **DeLag** [TC23]. **Delivering** [GKS+23]. **Delivery** [KGvDG22]. **Delta** [MN22]. **Demand** [SX20]. **Demand-Driven** [SX20]. **Demystified** [LDL+22]. **Demystifying** [QHL+23, ZXL+23]. **Density** [DCAA22, NC24]. **Dependabot** [HHZZ23]. **Dependence** [CF22]. **Dependencies** [DM21, GEJM22, IW23, JZC+23, LXS+23, PPP+22, PCY22, RML+23, SNNO22, SRS23, SVTTB23]. **Dependency** [CCM+23, COH21, DMZD22, GRHJ22, HHZZ23, IW23, JCA+22, JHA+20, Mas23, QZC+21, WDNH22, WWW+22, WWK+23]. **Dependent** [FIY+23, HLPK22, LS23, RWKH21]. **Deploy** [MXC+21]. **Deployment** [dASC21]. **Deprecation** [COH22]. **Deprivation** [FSRJ20]. **Depth** [SABZ22]. **Derivation** [EFB21]. **Description** [KTJ21]. **Design** [APHL22, FMBtB22, LJL+22, MCK+21, MTR21, PEM21, TEM22, VFX+21]. **Designing** [IAM+20, MPM21, ZSM23]. **Detect** [ZWM22]. **Detectable** [MCK+21]. **Detecting** [BLZ+19, BLZ+20, FIY+23, HXJ+23, JLG+23, LBK21, LLL+22, MCY23,

MSZ+22, RP23, SOM22, TJZ+22, WDNH22, WLC+20, XCK+22, ZYZY23]. **Detection** [AMS21a, AXR+23, ALT22, AS23, CKDR22, CXL+22a, GSXH22, HML+24, HFS+23, KL22, LLS22, LWCK21, LWW+20, LJX+21, LXL+23, MSJP23, MC22, MS22, NSHL+23, QHL+23, SdSS+21, SR21, TC23, TPBF23, WXG+21, WGW+22, WGY+24, XGW+24, YHG+24, YFZ+23, ZLL+22, ZKX+23, ZLXY23, ZLH+23, ZWY+20]. **Detector** [NLCK+23, ZWC+23]. **Detectors** [ZGZ+23]. **Determining** [FXLH20]. **Determinism** [SGP+23]. **Deterministic** [EFHT21, THBEF23]. **Developer** [DWA22, GSN23, LPM+22, NRPN22, SBDR22, SBFW22, SZB+21, VFX+21, XYWH22]. **Developers** [ATZ22, DWA22, EAGZ22, FMN+22, FSRJ20, GLNS22, KTJ21, KSO+23, KTP+20, LSA+21, LMZ+22, MMZ+22, MM22b, MMZF21, MBBZ21, MSZ+22, MHJS+21, NH22, NLM23, NZZ21, RdWT23, SRG+23, TCS+23, UBGK21, WBC+23, WNB+23]. **Developing** [NH22]. **Development** [AFG+21, DC24, EWC22, HLC+22, JLG+23, KLS+22, KTJ21, KTH+22, KGvDG22, LLM+23, NDD+22, NLGZ23, PDM+21, PPJ22, PGSS22, SBDR22, SM23, TDV+21, WXLM21, WLMR21, YNWC24, ZZMJ21, ZLW+23, ZLK+21, dMS+22]. **Device** [BCJ+22]. **DevOps** [APdS23, LFaG+22, PGPa+22]. **DevRec** [XYWH22]. **DexBERT** [SAK+23]. **Diagnosability** [PAV21]. **Diagnosis** [MDX+21, ZHX+23]. **Diagnostics** [BMBB23]. **Dialogue** [HLX+24]. **Dialogues** [EBM22]. **Dictionaries** [DLC+22]. **Did** [MM22b]. **Differences** [MCY23, RS22, UO22]. **Differencing** [MFM23, WCXG22]. **Different** [LAM22, SHE+22]. **Differential** [LDC+23]. **Diffing** [UO22]. **Diffs** [ESMM23]. **DiffSearch** [DBP23]. **DiffTech** [WCXG22]. **Digital** [TEM22]. **Dilemma** [GCSHB21]. **Directed** [UC21, YHW20]. **Directions** [SBL21, WBC+23]. **Directive** [ZWY+20]. **Disassembly** [JDZ+23]. **Discipline** [BCJ+22]. **Disconfirmatory** [SRT+22]. **Discovering** [BLZ+19, BLZ+20, MBE+23]. **Discovery** [KBD+22]. **Discrete** [NBD+20, WSQJ21]. **Discrete-Time** [WSQJ21]. **Discretization** [RWKH21]. **Discrimination** [TEM22]. **Discriminative** [KL22]. **Discuss** [WXH21]. **Discussions** [VFX+21, WXH21, WCXG22]. **Displacement** [MN22]. **Display** [LCW+23]. **Dissecting** [ASC+23]. **Distillation** [FNT+23]. **Distilling** [CFCL23]. **Distinguished** [Uch24]. **Distinguishing** [THBEF23]. **Distributed** [CF22, GF23, LLL+22, UO22, XHS+22, ZWL+23b]. **Distribution** [CCPP23, Ebb23, WYGL24]. **Distributions** [SPK22]. **Dive** [dMS+22]. **Divergent** [HMIM22]. **Diverse** [HAC+23]. **Diversified** [HLC+22]. **Diversity** [AAB+23, BL23, FEA23, MC22, MBGC22, TJZ+22, VR24]. **Diversity-Guided** [TJZ+22]. **DL** [LZP+23]. **DNN** [WMY+23]. **DNN-Based** [WMY+23]. **Do** [DM21, LZL+23, PAA+21, WXH21, WCH20, WWC20, FMV+22, WBC+23]. **Docker** [MWdA21]. **Documentation** [ABLVL21, BTR22, CVGA22, DPV+21, GMWL22, LWCK21, NHSR22, PMKY23, ZJR+21, ZWY+20]. **DoD** [RCMB22]. **DODGE** [AFC+21]. **Does** [AKA+22, BL23, KTP+20, WXLM21]. **Domain** [CPJ21, CPB22, LZJ+23, MVDS20, WXH21, ZLXY23, vdMTH23]. **Domain-Specific** [MVDS20]. **Domains** [SFP+21]. **Dominance** [YZP+22]. **Dominated** [PWA+21]. **Dominoes** [dCC+22]. **Double** [VR24]. **Double-Edged** [VR24]. **Downgrades** [COH21]. **Download** [AHH22, HBH20]. **DPWord2Vec** [LJL+22]. **Driven** [AFG+21, AST23, CCPP23, KTJ21, PDM+21, PPJ22, PGSS22, PFAC22, SX20, TDV+21, VCPB23, WGW+22, ZLS+23].

**Drivers** [BCJ+22]. **Drives** [MHB22b]. **Driving** [DDCC23, DZZ+23, LVEY+23, SPT23, ZTT+23, ZST+23]. **DroidSafe** [ZWQR22]. **DSSDPP** [LZJ+23]. **Duality** [Mas23]. **DupHunter** [JLG+23]. **Duplicate** [JLG+23, LYZ+22, LCYS22]. **Durations** [GHZ23]. **During** [SM23, ZYZ+20]. **DynAlloy** [CRAF23]. **Dynamic** [AKM+20, BCJ+22, BLQ21, CF22, CHB+22, CZW+23, CRAF23, JCMB23, KTSS20, NBD+20, YWR23, ZHHA23]. **Dynamics** [TH21].

**Early** [YWR23]. **Easy** [GLZ+23, MXC+21]. **Easy-to-Deploy** [MXC+21]. **Economies** [RBPS20]. **Economy** [TEM22]. **Ecosystem** [COH21, HFG+23, HDW+23, TDWB23, WSP+23, WWK+23]. **Ecosystems** [COH22]. **Edged** [VR24]. **Editing** [CDAR22]. **Effect** [ADPJ23, EA22, JZB21, RVK+22]. **Effective** [GStZ+23, SAK+23, TSBB20, WLT+23, WXL+23, ZLG+23]. **Effectiveness** [AMDD22, ADPJ23, CFA+24, FRS+23, GPG21, GSFO23, QZCP22, SSGG23, WLMR21, ZLM+22]. **Effects** [ASSB+21, BDP+22, HGHM22, IYNH21, NWCS20, PBM22]. **Efficiency** [BBC23, CFA+24, FRS+23, YTWM21]. **Efficient** [CPJ21, CBWV22, DLC+22, HYC22, HB21, HSB+23, KTSR22, MPH23, WXG+21, ZLG+23, aFbPS22]. **Effort** [CCPP23, JBL21, LDRK24, NXL+22, PMKY23, RCMB22, SMPH22, TSPH22, TMS23, XSSM22]. **Effort-Aware** [NXL+22]. **Electrum** [CRAF23]. **ElementRank** [PMC+21]. **Elements** [VMA22]. **Elicitation** [ADPJ23]. **Elimination** [MNS+23]. **Elitist** [PWA+21]. **Ellipsis** [ZZC+23]. **Embedded** [LSAS23, WGW+22, XYWH22]. **Embedding** [CXLX21, GJX+21, LJKC20, MXC+21, TLW21, YFL+22]. **EMBLEM** [TYM22]. **Emerging** [GZW+22]. **Emotion** [MHG23b]. **Emotion-Oriented** [MHG23b]. **Emotional** [MHG23a]. **Emotions** [GLNS22]. **Empirical** [BXL+22, CJL+21, CCF+22, CASA22, CCP+22, COH21, CMAS22, EAGZ22, END23, FFT21, GM20, GCSHB21, GSFO23, HMIM22, IGLP23, JCHT21, JSW+23, JTDG22, KCVM22, LYZ+22, LYW+22, LCB23, LSZ+23a, LMZ+22, MNS+23, NLGZ23, OMM+23, OSKH23, PAV21, QZCP22, RKM22, RCMB22, SNET24, SHC+22, SY21, TAJ21, TCA+23, VSA+22, WNP+20, ZZMJ21, ZLL+21, ZWC+21, ZYGR23, ZZX+23, ZXB+23, ZLWC24, ZPX+21, ZLX+21]. **Empirically** [EA22]. **Empowering** [PFAC22]. **Emulation** [GJL+21, XXCL19, XXCL21]. **Enabled** [AAT+22, SSBA23, SXM23, ZLA+23]. **Enabling** [EVLVB+22, MMZF21, RAK+22]. **Encoding** [BEK+23]. **End** [CKT+21, SvdALS23, TGW+22]. **End-to-End** [CKT+21, SvdALS23]. **Energy** [CA21]. **Engagement** [TZZ23]. **Engine** [DBP23]. **Engineer** [ATZ22]. **Engineering** [ABCS22, ASSB+21, BSMM22, CCPP23, CCZX21, FAB+22, FW23, FMV+22, FGMS22, FFT21, GWMZ23, GRZS23, HGHM22, Hod22, HMFL23, HPW+22, IBR23, KKC+23, KMB23a, KMB23b, KUC+21, KGS23, LCY22, LZL+23, MHG23a, MHG23b, MHH+21, MG20, MST+20, MRTM22, MHDH+22, NRZ21, NSHL+23, PBJ24, PFAC22, PBC+22, PR22, RWKH21, RUM22, SBL21, SVOJ21, SKAP20, SB23, SFC22a, TFF+22, VCMG20, WHG+23, YHG+24, ZMH+21, vdMTH23, Ano20a, Ano21, Ano22]. **Engineers** [FdS20, JZB21, RS22]. **Enhance** [NSW+22, TC23]. **Enhanced** [PC20, SMPH22]. **Enhancement** [DGY+22, LLL+22, SXM23]. **Enhancing** [CHB+22, FMBC+23, LL23, LXS+23, SMA+21, WMY+23, WYN+23, XCP+22,

ZLC+24, ZSCT20]. **Enough** [ZWCH21]. **Enriching** [ZJR+21]. **Ensemble** [NDA+22, SGTY22, TLW21]. **Ensuring** [MGW20, PEM21]. **Enumeration** [MMT22]. **Environment** [GMN+22, KBD+22, LSZ+23b]. **Environments** [CHM24, GEJM22, HB21, JZB21, LV22]. **Episodic** [BKR+20, BSFR22]. **Equality** [SRS23]. **Equality-Based** [SRS23]. **Equivalence** [KMP23, MS22, WMY+23]. **Erratum** [XXCL21]. **ErrHunter** [ZYZY23]. **Error** [ZYZY23]. **Error-Handling** [ZYZY23]. **Errors** [ALD23, NH22, YWL+23]. **ESLint** [TAV20]. **Essence** [LGL+23]. **Estimates** [JBL21, SMPH22]. **Estimation** [FT23, NC24, RCMB22, SPK22, SGTY22, TSPH22, TMS23, WYGL24, XSSM22]. **Ethereum** [CXL+22b, EOH23, KDVM23, LSZ+23a, QHL+23]. **Ethnicity** [NRPN22]. **Evaluate** [LCY22, SM23]. **Evaluating** [BLLZ22, EA22, JKS23, JZC+23, KMSH22, PDM+21, SR21, ZLM+22]. **Evaluation** [AXR+23, DAM23, END23, FMBtB22, HDC+23, JTA+23, KR24, LDL+22, NRPN22, PBCV21, PVB+21, PGSS22, SNET24, SY21, WYG+23, ZWC+23]. **Event** [AST23, CZ20, GLZ+23, NBD+20, SLZR22, VDBP+22, vBGC+23]. **Event-Driven** [AST23]. **Event-Streaming** [SLZR22]. **Everyone** [PFR+22]. **Everywhere** [PFR+22]. **EVM** [CXL+22a, LLZ+23]. **Evolution** [LY24, NNL23, SA21, YBSM21]. **Evolutionary** [DPRVG+23, GKGM22, SOM22, SGP+23, ZKR23]. **Evolving** [dAFdOBT21]. **Evos** [CCW23]. **Example** [LLS22]. **Example-Based** [LLS22]. **Examples** [LLS22, LSC22, VSA+22]. **Exception** [LZWH22, ZMH+21]. **Exception-Handling** [ZMH+21]. **Exceptions** [SFC+22b]. **Exchange** [BWAH22, WXH21]. **Executable** [WWP+23]. **Execution** [AMG+23, BKJD22, CHB+22, CCW22, CCW23, CBWV22, JLC+21, PXY+23, XYWX24, ZLH+23]. **Expansion** [JLZZ20a, JLZZ20b, JLJZ22]. **Expectations** [BLZ+19, BLZ+20, WXH+20, ZZX+23]. **Experience** [ADPJ23, GSN23, LCL+22, NBO22, SAPGIM22, SWC+22]. **Experiences** [PMF+22]. **Experiment** [ATFJ22, KTJ21, MHDH+22, TDV+21]. **Experimental** [PGSS22, PATB23, WYG+23]. **Experimentation** [MEW22]. **Experiments** [ADPJ23, BDP+22, FRS+23, KMSG22, PDM+21, PPJ22, RCS+23, STRM23, SGJ20]. **Expert** [SMPH22]. **Explain** [MEW22, WPXM23]. **Explainable** [ARdNF+22]. **Explained** [ZYGR23]. **Explaining** [DB22, FNT+23, WLY+21]. **Exploit** [GSXH22]. **Exploiting** [DPV+21]. **Exploration** [KTSR22, RAK+22]. **Exploratory** [CFA+24, EOH23, HHZZ23, LSAS23, SA21, dCC+22]. **Exploring** [EAGZ22, PLG+23, TPK21]. **Exposing** [MXR+22, ZTW21]. **Expressed** [UK21]. **Expressions** [MPH23]. **Expressive** [AMS+21b]. **Extended** [CPF21, EFB21, KDVM23, MM22a, PMGM22]. **Extending** [JHA+20]. **Extensible** [KSA+21]. **External** [LXL+22, TDV+21]. **Extracted** [YGM+22]. **Extraction** [Ala23, MXC+21, SB24]. **Extrinsic** [RPNR22]. **Eye** [APHL22]. **Eyes** [SBFW22].

**FA** [GXD+24]. **FA-Fuzz** [GXD+24]. **Faceted** [MHG22]. **Facilitating** [MDX+21]. **Factors** [APHL22, KGvDG22, ZTW21]. **Failure** [CCW23, NNL+20b, NNL+20a]. **Failure-Causing** [NNL+20a]. **Failure-Inducing** [NNL+20b]. **Failures** [DHMP23, LS23]. **FairMask** [PCM23]. **Fairness** [PCM23, ZWS+22, ZLWC24]. **False** [GTL+23]. **FalsifAI** [ZLA+23]. **Falsification** [YLA+21, ZMH+21, ZLA+23]. **Families** [SGJ20, ZLX+21]. **Family**

[ADPJ23, FRS+23, MS22, PDM+21, PPJ22, RCS+23, STRM23]. **FAQs** [TDWB23]. **Far** [GSXH22, PLG+23]. **Fast** [FCGA23, TII22, IKW23]. **Faster** [NYM+20]. **Fault** [GLK+20, KSJ+21, NNNV22, SY21, WCT+21, WXL+23, WYN+23, XCP+22, ZLL+21, ZLM+23, ZPX+21, ZLX+21]. **Fault-Correlated** [WXL+23]. **Fault-Tolerance** [WYN+23]. **Faults** [NNL+20a, OGK+23]. **FeatRacer** [MHBS23]. **Feature** [DTP+21, KKC+23, MXC+21, PQM+21, PZC22, RWO+22, RVK+22, RMT20, RUM22, TZL+22, WLNT20]. **Feature-Oriented** [TZL+22]. **Features** [CFCL23, GM20, HJC+22, MBE+23, MHBS23, YGM+22, YMC+23, ZZX+23, vdLWHR22]. **Federated** [YHG+24]. **Feedback** [BBR22, FEA23, ZYC+22]. **Feel** [WBC+23]. **Fees** [WLT+23]. **FERPSO** [WCW+24]. **FERPSO-IMPR** [WCW+24]. **Fewer** [GLPP21]. **Field** [LCL+22, MHDH+22]. **File** [ZSC+21]. **Files** [aFbPS22]. **Filtering** [HXJ+23, PMKY23]. **Find** [ADS22, YKT+23]. **FindBugs** [LKB+21, YKT+23]. **Finding** [AST23, MAM23, NYM+20, PDV23, SHM21, SSL+23, ZTT+23, ZKR23]. **findOSSLicense** [KC21]. **Fine** [BLQ21, SAK+23, ZFS+24]. **Fine-Grained** [BLQ21, SAK+23]. **Fine-Tuning** [ZFS+24]. **Fingerprints** [AS23]. **Finite** [PL21, PDV23, THEF+24]. **Firefly** [GXD+24]. **Firmware** [Ebb23, FTH+21, HDW+23]. **First** [CCM+23, NZZ21]. **Fitness** [CCPP23, PFAC22]. **Fix** [CQL+23, LKB+21, RKM22]. **Fix-Inducing** [RKM22]. **Fixes** [NLCK+23, RBPS20, WSP+23]. **Fixing** [ALD23, WBC+23]. **Flakify** [FGB23]. **Flakily** [VMA22]. **Flakiness** [BFP+23]. **Flaky** [FGB23]. **FLASH** [NYM+20]. **Flexible** [MJY22, SMA+21]. **Flight** [HML+24]. **Flow** [PL21, SX20, WZS+23, WZS+24]. **FlowDroid** [ZWQR22]. **Follow** [LYW+23]. **Footprint** [CA21]. **Foraging** [RCP+21]. **Forecasting** [GKGM22, ZBA23]. **Fork** [JLG+23]. **Fork-Based** [JLG+23]. **Formal** [FMBtB22, GXS+22, LN22, LL23, MMT22, MS22, MPH23, WWP+23]. **Formalized** [CZ20]. **Formatting** [LFBM23]. **Forum** [MWdA21, TDWB23]. **Forums** [SH21]. **Forward** [WWW+23]. **Fragment** [YM23]. **Fragment-Based** [YM23]. **Fragmentation** [SCL+23, WLC+20]. **Fragmentation-Induced** [WLC+20]. **Framework** [CF22, CZW+23, DZZ+23, GSN23, JWW+22, LVEY+23, MHG23b, MVDS20, SRS23, SXM23, SFC+22b, SR21, TLLV20, YXF+22]. **Framework-Specific** [SFC+22b]. **Frameworks** [CA21]. **Framing** [MTR21]. **Free** [AHH22, BKR+20, BSFR22, GSXH22, HBH20]. **Free-to-Download** [AHH22, HBH20]. **Free/Libre** [BKR+20]. **Free/Libre/Open** [BSFR22]. **Front** [ZWC+23]. **Front-Running** [ZWC+23]. **FSMs** [EFHT21, THBEF23]. **Fully** [HAC+23, LCW+23]. **Function** [BEK+23, CCPP23, CLL+22, NDD+22, PXY+23, PFAC22, WMY+23, YWL+23]. **Functional** [AFG+21, LN22, MAG+22, MBE+23]. **Functionality** [ODTS23]. **Functionality-Agnostic** [ODTS23]. **Functions** [ADS22]. **Fusing** [HJC+22]. **Fusion** [YFZ+23]. **FutureWare** [MPM21]. **Fuzz** [MZH22, GXD+24]. **Fuzzing** [GXD+24, HML+24, MHH+21, MC22, PBS+21, ZRDD22, ZWX+23, ZKR23, ZWL+23b, ZWS+24]. **Fuzzy** [DGY+22, GGMD23].

**GALS** [ZSM23]. **Game** [GCSHB21]. **Gamification** [LMZ+22]. **Gamified**

[CFA+24]. **Gan** [ODTS23]. **Gap** [SPT23]. **Gaps** [LJKC20]. **GCN** [ZLC+24]. **GDPR** [CAAB23]. **Gender** [PMF+22, PFR+22, RS22]. **Gender-Biased** [PMF+22]. **Gender-Inclusion** [PFR+22]. **Generalized** [EFM+23]. **Generate** [GMN+22]. **Generated** [CCA+24]. **Generating** [DDP+23, HAC+23, LLL+23, LC23b, NHSR22, RTJ+22]. **Generation** [AMLS+23, AYY+22, BMPR21, CGN+23, DPRVG+23, EVLVB+22, FYS+23, GLPP21, GSKV22, GStZ+23, JTA+23, JSW+23, LGC+22, LN22, LSZ+22, MSV22, MBGC22, RLL+22, SNET24, SGTY22, SGP+23, WPGB22, WCW+24, WYGL24, YM23, YZP+22, ZHHA23, vSSE23]. **Generative** [ZRDD22]. **Generic** [WXG+21]. **Genetic** [DGY+22, DPZD20, GMN+22, PZC22, PWA+21, YB20]. **Geographic** [PFR+22]. **Geometric** [SPK22]. **Gestures** [BCCH+23]. **Ghost** [RKM22]. **GitHub** [BXLM21, GMBv20, HHZZ23, KKN+21, LYW+23, ZWB+21]. **Gitter** [EAGZ22]. **Giving** [WWK+23]. **Global** [LXS+23]. **GNNs** [LXS+23]. **Go** [dAAvdH23, CMAS22]. **Goal** [MMZF21]. **Goal-Setting** [MMZF21]. **Goals** [KUC+21]. **Gold** [TGW+22]. **Gone** [GSXH22]. **Gonna** [HSB+23]. **Good** [MMZF21, MBBZ21, YWR23]. **Google** [HBH20, PIFJ22, TZZ23]. **Governance** [APCs22]. **GPT2SP** [FT23]. **Grained** [BLQ21, SAK+23]. **Gram** [DLC+22]. **Grammar** [UC21]. **Granular** [GRR+23]. **Granularity** [KTJ21, NLCK+23]. **Graph** [AS23, ALL+21, BEK+23, CGR+23, HB21, JM22, LZP+23, MSV22, MAG+22, MSJP23, WGY+24, ZLXY23]. **Graph-Based** [MAG+22]. **Graph-of-Code** [AS23]. **Graphical** [MBCC+20]. **Graphs** [DB22]. **GraphSearchNet** [LXS+23]. **Greedy** [LZL+22]. **Grey** [KMB23a]. **Greybox** [PBS+21]. **Grounded** [FEA23, Hod22, MHB22a]. **Groups** [SVOJ21, SHE+22]. **Guarantees** [MM22a]. **GUI** [CFA+24, PXP+22, ZLC+24]. **GUI-Guided** [PXP+22]. **Guidance** [LCY22]. **Guide** [PATB23]. **Guided** [DPZD20, FTH+21, PXP+22, SXM23, TJZ+22, WZS+22, ZRDD22, ZLA+23, ZKR23]. **Guidelines** [KMB23b, SVOJ21].

**Habits** [MMZF21]. **Handling** [LL23, MHG23b, WNP+21, ZYZY23, ZMH+21]. **Hardware** [SHWA23]. **Hashing** [MC22]. **Hazard** [SSBA23]. **Heads** [PSA+20]. **Heavy** [IKW23]. **Hell** [SPH+22]. **Help** [KRB22, KTP+20]. **Heterogeneous** [BK23, CJL+21, CGR+23, FYS+23, HB21, PEM21, TLW21, dASC21]. **Heuristic** [GSKV22, JLJ+22]. **Heuristics** [CHB+22, LWL+23]. **Hidden** [ZTW21]. **Hierarchical** [CGSV22, FNT+23, HLT+21, WZS+22]. **High** [GStZ+23, ZWL+23a, ZZH23]. **Highly** [MMT23, TLLV20]. **Highly-Parallel** [MMT23]. **Historical** [FRGCH20, WCT+21]. **History** [ARdNF+22, GKGM22]. **Holistic** [CPX+22]. **Home** [MWB+21]. **Horizon** [MMT22]. **Horizons** [ZHML22]. **Hosted** [ALL+21, GMBv20]. **HPC** [PBC+22]. **HTML5** [MVR+23]. **Human** [CCPP23, FW23, GBP23, HGHM22, HMFL23, HLX+24, HSH+22, HPW+22, KSO+23, PFAC22, SMPH22, ZHHA23]. **Human-Centric** [KSO+23]. **Human-in-the-Loop** [GBP23, ZHHA23]. **Hunting** [LLZ+23]. **Hybrid** [BCJ+22, CCPP23, HWZ+21, LGC+22, TSBB20, ZLA+23]. **Hyper** [GSKV22]. **Hyper-Heuristic** [GSKV22]. **Hyperparameter** [AYA+22, MFM23]. **Hypervolume** [DPZD20].

**IBM** [NBO22]. **Identification** [GZW+22, HLT+21, JLC+21, MNS+23, NNL+20b, QHL+23, SFP+21, TMC+22, YXF+22].

**Identifier** [ZLG+23]. **Identifiers** [NDA+22]. **Identify** [FRGCH20]. **Identifying** [DHB21, DPH+22, NR23, NNL+20a, RKM22, SH21, SSBA23, VPBB23, XZY+23, YFTM22, ZHX+23]. **IEEE** [Ano20a, Ano21, Ano22]. **Image** [HFS+23, LFZ+22, YFZ+23, ZRDD22]. **Image-and-Text** [YFZ+23]. **Image-Based** [ZRDD22]. **Impact** [AKA+22, FXdC+21, FRS+23, FSRJ20, GdCZH21, GRHJ22, GZZ+23, HJL+22, JTH21, JZC+23, KTJ21, KGS23, LTH22b, PKH+21, PCY22, RWKH21, RWO+22, RPNR22, SBDR22, SPv20, THM20, TH21, TDV+21, VR24, YBSM21, ZTW21, dMS+22, vdLWHR22]. **Impacted** [FRGCH20]. **Impacts** [MHDH+22, TYM22]. **Implementation** [APHL22, MEW22, WLGT23]. **Implementations** [MWB+21]. **Implications** [FW23, LFaG+22]. **Implicit** [WPXM23, ZYC+22]. **Importance** [APHL22, KMSG22, RWO+22]. **IMPR** [WCW+24]. **Improve** [AMS21a, AJBTMN23, BSMM22, MC22, PZC22, QZC+21]. **Improved** [ALD23, JBS+22, RML+23]. **Improvement** [JCHT21, RTJ+22]. **Improving** [AKA+22, BLLZ22, CCW22, GCSHB21, GSN23, JK21, MSJP23, WCW+24, YSSH22, YTWM21]. **In-Depth** [SABZ22]. **Incentivizing** [RBPS20]. **Incidents** [APM+22]. **Include** [KMB23a]. **Including** [PFR+22]. **Inclusion** [PFR+22]. **Incomplete** [THBEF23]. **Inconsistency** [WXG+21, XGW+24]. **Inconsistent** [BCJ+22, LGL+23]. **Increasing** [RBB23]. **Indeed** [LZL+23]. **Independent** [KTSS20, SZ23]. **Index** [Ano20a, Ano21, Ano22, SA23]. **Indicator** [DPZD20]. **Indicators** [GPG21, GSFO23, JBL21]. **Induced** [WLC+20]. **Inducing** [NNL+20b, RKM22]. **Inductive** [GWGH21]. **Industrial** [PGSS22, RMT20, ZPX+21]. **Industry** [FGMS22, LSAS23, MG20, TDV+21]. **Infer** [NND22]. **Inference** [AMHW22, CHM24, GLZ+23, PMGM22]. **Inferring** [GEJM22, ZWM22]. **Influence** [CCPP23, LGL+23, PAA+21]. **Informal** [DPV+21]. **Information** [CPX+22, CCW22, DDP+23, ESMM23, GMWL22, LPM+22, RCP+21, VFX+21]. **Informed** [MMS+21, RTJ+22]. **Infrastructure** [DDPT22, LLM+23, RP23]. **Infrastructure-as-Code** [DDPT22]. **Inheritance** [WXY+23a]. **Inhibit** [MRTM22]. **Injection** [SR21, TSBB20, WYN+23]. **Inline** [LSZ+23a, ZZC+23]. **Input** [DLP+24, MC22, RLL+22, SFP+21]. **Inputs** [AMLS+23, SPH+22]. **Insights** [TMS23]. **INSPECT** [KR24]. **Inspection** [LS23, YTWM21]. **Inspired** [RBZ22]. **Instability** [BL23]. **Instance** [LLZ+23, NSMMA23, vBGC+23]. **Instrumentation** [CZW+23]. **Integer** [MMS+21]. **Integrated** [IAM+20, TSBB20]. **Integrating** [GMWL22, SAPGIM22, SGTY22]. **Integration** [AHH22, DDP+23, EWL+22, GM20, GEJM22, GHZ23, JZZ+21, LV22, LZM+23, SOM22, YBKB23]. **Integrations** [MWB+21]. **Integrity** [DHB21]. **Intelligence** [WW22, WYG+23]. **Intelligent** [ARdNF+22, AGT+23, HDC+23]. **Intensity** [PAA+21]. **Intensive** [GKS+23, RMT20]. **Intention** [HXLM20]. **Inter** [BHMS23, MXR+22, PGPa+22]. **Inter-Coder** [PGPa+22]. **Inter-Contract** [MXR+22]. **Inter-Team** [BHMS23]. **Interaction** [ASC+23, BJ22, MJY22, NNL+20b]. **Interactive** [AKM+20, DPRVG+23, RAK+22, ZHX+22, dCC+22]. **Interacto** [BJ22]. **Interception** [XYWX24]. **Interception-Based** [XYWX24]. **InterEvo** [DPRVG+23]. **InterEvo-TR** [DPRVG+23]. **Interfaces** [MBCC+20, NWCS20].

**Interleaving** [NNL+20b]. **Interlocking** [VBW+21]. **Internet** [FAB+22]. **Interns** [PGSS22]. **Interplay** [GHZ23]. **Interpretable** [KKC+23]. **Interpretation** [JHA+20, JSW+23, JTH21, LTH22b, RWO+22, THM20]. **Interpreter** [MSG21]. **Interrupt** [WGW+22]. **Interrupt-Driven** [WGW+22]. **Interview** [MG20]. **Interviews** [SKAP20]. **IntRepair** [MMS+21]. **Intrinsic** [KR24]. **Introducing** [CSS22, MC22]. **Invalidator** [LCLL+23]. **Invariants** [NND22]. **Investigating** [TDV+21, IKW23]. **Investigation** [AMG+23, CCF+22, GZZ+23, HMFL23, LZM+23, RVSP20]. **Invocations** [WLT+23]. **IoT** [ASC+23, Ebb23]. **IoTCom** [ASC+23]. **Isolation** [WXL+23]. **Issue** [GZW+22, LYW+23, RML+23, TDWB23, ZWB+21]. **Issue-Addressing** [ZWB+21]. **Issue/Pull** [LYW+23]. **Issue/Pull-Request** [LYW+23]. **Issues** [KSO+23, LCW+23, MVR+23, MCY23, WWW+23, WLC+20, YNWC24, ZZX+23, ZXB+23].

**Java** [AXR+23, DHB21, GMBv20, LFBM23, MM22b, PMC+21, PBJ24, SVTTB23, TPBF23, YBSM21, YB20, ZKX+23, ZWY+20]. **Java-Based** [TPBF23]. **JavaScript** [AST23, CASA22, dAFdOBT21, JCA+22, KTSS20, MNS+23, MSG21, TAV20, ZBA23]. **Jitterbug** [YFTM22]. **JMH** [CBLA21, JTA+23]. **JNI** [PLHR23]. **Job** [SZB+21]. **Joint** [GZW+22]. **Journal** [ZTW21]. **JUnit** [SRG+23]. **Just** [CM23, CSS22, FXdC+21, LTH22b, LXL+23, QGX+22, RPNR22, SM23, TMF23, YXF+22, GMWL22]. **Just-In-Time** [LTH22b, LXL+23, QGX+22, RPNR22, SM23, TMF23, YXF+22, CM23, CSS22, FXdC+21]. **JVM** [ALL+21, ZMH+21]. **JVM-Hosted** [ALL+21].

**K-core** [QZC+21]. **K-ST** [WWP+23]. **Keep** [SRG+23]. **Kernel** [HLT+21, MAP+22, PQM+21, TLW21, ZYZY23]. **Key** [RMT20, XZY+23]. **Knowledge** [APM+22, CPJ21, CHM24, FGMS22, HJC+22, HLX+24, KNJM21, LZP+23, WPXM23, ZJR+21]. **Knowledge-Aware** [HLX+24]. **Knowledge-Based** [CHM24]. **Kotlin** [MM22b].

**Label** [WZXL22]. **Labeled** [TTO23]. **Labelling** [TYM22]. **Labels** [LGL+23]. **Lack** [SHE+22]. **Laid** [SHE+22]. **Landscapes** [ZHML22]. **Language** [ABCS22, CZ20, DPV+21, FGB23, LZL+23, MSJP23, SNET24, SdSS+21, VPBB23, WWP+23, YNWC24, vdMTH23]. **Languages** [ALL+21, BFP+23, GdLCS22, LJKC20, ZLH+21]. **Large** [BXLM21, BHMS23, CXLX21, CCW23, Ebb23, EOH23, EWC22, HB21, IGLP23, KGvDG22, LWW+20, LSZ+23a, MJT+22, RML+23, SNET24, SWC+22, TII22, ZZX+23, ZXB+23]. **Large-Scale** [BHMS23, CXLX21, CCW23, Ebb23, EOH23, EWC22, HB21, IGLP23, KGvDG22, LWW+20, LSZ+23a, MJT+22, SWC+22, TII22, ZZX+23, ZXB+23]. **Latency** [TC23]. **Latent** [VFX+21]. **Layered** [HSR21, NC24]. **Layering** [SSSC22]. **LDA** [WXH21]. **Leads** [SRT+22]. **Leakage** [MPH23]. **LeakageVerif** [MPH23]. **Learn** [KNJM21]. **Learned** [KKC+23]. **Learning** [AMS21a, ADS22, APM+22, AMDD22, AST23, BKB22, CHB+22, CKDR22, CKT+21, CGR+23, CKM23, CPP+23, CQL+23, DTP+21, DLP+24, DMS+23, FTH+21, GJL+21, GWMZ23, GF23, HZL+24, HMC+22, HLT+21, JDS23, KL22, KMP23, LLZ+23, LWL+23, LJX+21, LSZ+22, LSZ+23b, MXC+21, MAP+22, MCP+23, MSJP23, MBCC+20, NSHL+23, ODTS23, PXY+23, PT23, PR22, RWKH21, SSGG23, SMPH22, SA23, SPK22, SAK+23, TMC+22, THEF+24, UC21, UO22, WXLM21,

WLNT20, WSQJ21, WZS+22, WHG+23, WXY+23b, WWC20, WGY+24, XHS+22, XGW+24, YLA+21, YHG+24, YM22, YTWM21, YMC+23, ZHML22, ZRDD22, ZGZ+23, ZLH+23, ZYF+23, ZAB+23]. **Learning-Based** [HLT+21, MBCC+20, NSHL+23, ZGZ+23]. **Legacy** [MBE+23]. **Legion** [JBS+22]. **Lessons** [FW23, KKC+23]. **Let** [WNB+23, dAAvdH23]. **Level** [CSS22, CZW+23, DDP+23, GRR+23, JZC+23, LLZ+23, MXC+21, OSKH23, PT23]. **Leveraging** [FRGCH20, GYF+23, SHC+22, SCZ+23]. **Libraries** [CXLX21, HXJ+23, TWZ+22, ZLF+22]. **Library** [AHH22, ADS22, HLC+22, LWW+20, LZP+23, WWK+23, ZLL+22]. **Libre** [BKR+20, BSFR22]. **Licenses** [KC21]. **Life** [HLPK22, IGLP23, MBBZ21, ZXB+23]. **Light** [IKW23]. **Lightweight** [GPG21, SCL+23]. **Like** [NLM23, PMKY23]. **Likelihood** [ZWB+21]. **Likely** [CXLX21]. **Limited** [MEW22]. **Line** [HSB+23, KMP23, PT23, SAC23, XHL+22]. **Line-Level** [PT23]. **Linear** [CZ20]. **Lines** [GdLCS22, NNNV22, WTT+22]. **Link** [BL23]. **Linkage** [JSW+23]. **Linking** [TDWB23, WPXM23]. **Links** [LXL+22]. **Linters** [TAV20]. **Linux** [HLT+21, MAP+22, PQM+21, ZYZY23]. **List** [Ano23, Ano24]. **List*** [Ano20b]. **Listen** [AST23]. **Literal** [WPXM23]. **Literature** [APdS23, CXB23, EWC22, HGHM22, LBK21, SABZ22, SKAP20, dPSDdAM21, TEM22, WHG+23, ZLF+22]. **Live** [ZMH+21]. **LLVM** [JZR+22]. **Load** [dAFdOBT21]. **Localisation** [SY21]. **Localization** [CCW22, GLK+20, GRR+23, HTL+21, JBS+22, NNNV22, QGX+22, WCT+21, XCP+22, YXF+22, ZLL+21, ZCZ+21, ZLM+23, ZSC+21, ZLX+21, aFbPS22]. **Localizing** [LCW+23, LC23a, YWL+23]. **Locating** [LCL+22, MHBS23, VFX+21]. **Location** [HJC+22, PZC22, RVK+22]. **Locations** [XCK+22]. **Locking** [BCJ+22]. **Log** [DLC+22, LXL+21, LLC+22, LLL+22, OSKH23, YSSH22]. **LogAssist** [LLC+22]. **Logging** [GRZS23, LSA+21, LCYS22, LZWH22]. **Logic** [CZ20, KRB22]. **Logram** [DLC+22]. **Logs** [CCW22, LCC+23, vBGC+23]. **Long** [BXLM21]. **Long-Time** [BXLM21]. **Longitudinal** [CR21, CCW23, MJT+22]. **Look** [CCM+23, NZZ21, PSA+20]. **looked** [GMWL22]. **Looking** [XHL+22]. **Loop** [GBP23, GY23, ZHHA23]. **Low** [WCG+21, WMY+23, ZLC+24]. **Low-Cost** [WMY+23]. **Low-Overhead** [WCG+21]. **LTL** [KRB22]. **LTL-Based** [KRB22].

**Machine** [AMS21a, AMDD22, BKJD22, DLP+24, LDC+23, MBCC+20, PR22, RWKH21, SMPH22, SA23, TMC+22, THEF+24, UC21, WXLM21, WHG+23, WXY+23b, ZHML22, ZGZ+23]. **Machine-Based** [THEF+24]. **Machine/Deep** [WHG+23]. **Machines** [EFB21, GBJ+23, WH23]. **Macro** [NMA+23]. **Macro-Management** [NMA+23]. **Magnifier** [BSK+22]. **Maintainability** [JZC+23]. **Maintainable** [SSSC22]. **Maintenance** [BL23, XCK+22]. **Makes** [KTH+22]. **Making** [DC24, PR22, SHE+22]. **Malware** [MS22]. **Management** [BWAH22, CCM+23, LDRK24, NMA+23, RML+23, RP23, TWZ+22, TDWB23, YSSH22, ZLC+20]. **Managing** [ABON22, AGT+23, BSFR22, WLL+22]. **Manipulation** [vSSE23]. **Many** [NZZ21, PDV23]. **Many-Sorted** [PDV23]. **MAP** [ZWL+23a]. **MAP-Coverage** [ZWL+23a]. **Mapping** [AGT+23, GRZS23, HJL+22, MST+20, SGJ20, ZTT+23, dASC21]. **Markets**

[LWW+20]. **Markov** [LTH+22a, WYGL24]. **Markovian** [PBCV21]. **Masking** [GXS+22]. **Massively** [JBS+22]. **Matching** [BK23, ZLW+23]. **Material** [KMB23a]. **Matter** [BL23]. **Matters** [WZXL22]. **Maximize** [LSZ+23b]. **Meaning** [WPXM23]. **Means** [SPK22]. **Meant** [APM+22]. **Measured** [JBL21]. **Measurements** [HDW+23]. **Measuring** [IW23]. **Mechanisms** [BHMS23, FRS+23, RBZ22]. **Meetings** [dAAvdH23]. **Member** [JLJ+22]. **Memory** [CZW+23, IWD23]. **Mending** [WLY+21]. **Mentors** [TZZ23]. **Merge** [CFP+21, DMS+23, GMBv20, LFBM23, SHC+22, VHFA22]. **Merging** [END23, LTH22b]. **Message** [LGC+22]. **Meta** [WGY+24, ZYF+23]. **Meta-Learning** [ZYF+23]. **Meta-Path** [WGY+24]. **Metaheuristic** [BSV24]. **Metamodels** [HSR21]. **Metamorphic** [AJBTMN23, AYY+22, CPGB23, DZZ+23, NSW+22, QZCP22, SFP+21, ZSCT20, ZTW21]. **Method** [JM23, JSW+23, PPJ22, PEM21, SGP+22, TFF+22]. **Methodological** [LCY22, PVB+21]. **Methodology** [MMZ+22, PPP+22]. **Methods** [EWC22, FMBtB22, HSH+22, NXL+22, RWO+22, SJR+22]. **Metric** [KSJ+21, SFP+21]. **Metric-Based** [KSJ+21]. **Metrics** [BK23, DDPT22, GRHJ22, JTH21, MM22a, SY21]. **Microbenchmark** [JTA+23]. **Microservice** [CCA+24, GRR+23, ZPX+21]. **Microservices** [AME+23]. **Middleware** [MPM21]. **Migrate** [MM22b]. **Migrations** [LSC22]. **Million** [LSZ+23a]. **Mind** [SPT23]. **Mindfulness** [BDP+22]. **Mindset** [IBR23]. **Mining** [ATFJ22, CXLX21, HXLM20, JM22, JM23, LKB+21, LCC+23, LLL+22, NRZ21, SH21, SJR+22, UK21, VHFA22, ZWC+23]. **Mis** [GM20]. **Misconfiguration** [ZHX+23]. **Mislabeled** [FXdC+21]. **Mission** [MTA+23]. **Missions** [MTP+21]. **Mistakes** [SMPH22]. **Misuse** [ATFJ22, GM20, KL22, LLS22]. **Misuses** [KMSH22, ZKX+23]. **Mithra** [ALT22]. **Mitigate** [NH22]. **Mitigating** [GTL+23, VMA22, XWM+22]. **Mitigation** [GSXH22]. **Mixed** [HFG+23, SGP+22]. **Mixed-Method** [SGP+22]. **ML** [LZP+23, SSBA23]. **ML-Enabled** [SSBA23]. **ML/DL** [LZP+23]. **Mobile** [Ala23, BCCH+23, CA21, FMBC+23, HLC+22, HKSH22, KSO+23, LFZ+22, MPM21, MTA+23, MS22, MBCC+20, PXP+22, PL21, YFZ+23, YWL+23, ZSC+21]. **Mockito** [WXY+23a]. **Model** [AFG+21, AMHW22, BDR+20, BJ22, CPJ21, CCPP23, CBWV22, EA22, FCGA23, FGB23, FTH+21, GMN+22, GZLW24, IAM+20, JTDG22, KUC+21, LS23, MEW22, PDM+21, PPJ22, PCM23, PFAC22, PDV23, QZC+21, SGTY22, TTO23, WTT+22, WYGL24, WGY+24, XSSM22, ZLC+24]. **Model-Agnostic** [JTDG22, WTT+22]. **Model-Based** [FGB23, PCM23]. **Model-Driven** [AFG+21, CCPP23, PDM+21, PPJ22, PFAC22]. **Model-Integrated** [IAM+20]. **Modeling** [BDP+22, CDK20, HSR21, KC21, MKJ21, MAG+22, NMA+23, TLLV20, VDBP+22, ZSM23]. **Modelling** [GdLCS22, MVDS20, RCS+23, WH23]. **Models** [AKT22, BKJD22, BLS21, CDAR22, CCP+22, ED23, FFR+24, HLPK22, IWD23, JTH21, JTDG22, LZL+23, LTH22b, LC23b, MSV22, PZC22, RLL+22, RKH+22, RPNR22, RCMB22, SNET24, SPK22, SM23, THM20, WCW+24, WXY+23b, ZFS+24]. **Modern** [BJ22, HDC+23, PR22]. **ModGuard** [DHB21]. **Modification** [LCC+23]. **Modularization** [TII22]. **Modularly** [HLGX23]. **Module** [SABZ22, VCMG20]. **Modules** [DHB21].

**Modulo** [ADP21]. **MoMIT** [MSG21]. **Monitoring** [PBJ24, SLZR22]. **Monolith** [AME+23]. **Monolithic** [JLC+21]. **Most** [PR22]. **Motivation** [FdS20, LMZ+22]. **Motivations** [DWA22, LMZ+22]. **Moving** [KKN+21]. **MPI** [SGP+23, WCW+24]. **Much** [BL23]. **Multi** [CGR+23, DGY+22, GRR+23, HJC+22, LV22, MXC+21, NLCK+23, OSKH23, PWA+21, RAK+22, RVSP20, SOM22, SdSS+21, SGP+23, TSPH22, TC23, XYWH22, YNWC24, YDLW20, YB20, ZLS+23, ZHX+23]. **Multi-Armed** [LV22]. **Multi-Component** [OSKH23]. **Multi-Features** [HJC+22]. **Multi-Granular** [GRR+23]. **Multi-Granularity** [NLCK+23]. **Multi-Language** [SdSS+21, YNWC24]. **Multi-Level** [MXC+21]. **Multi-Misconfiguration** [ZHX+23]. **Multi-Objective** [PWA+21, RAK+22, SOM22, TSPH22, TC23, YB20, ZLS+23]. **Multi-Path** [SGP+23]. **Multi-Population** [DGY+22]. **Multi-Relationship** [XYWH22]. **Multi-Study** [RVSP20]. **Multi-Threaded** [YDLW20]. **Multi-View** [CGR+23]. **Multilayer** [PMC+21]. **Multimodal** [GZLW24]. **Multimorphic** [TAJ21]. **MultiPL** [CGN+23]. **MultiPL-E** [CGN+23]. **Multiple** [AMG+23, GRR+23, LLZ+23, NNL+20a, RLL+22]. **Multiplicity** [MSV22]. **Multivocal** [APdS23]. **Mutable** [HAC+23]. **Mutant** [EVLVB+22, GOD+23, GSKV22, YZP+22]. **Mutation** [CPB22, DGY+22, GXD+24, OGK+23, PIFJ22, SR21, TJZ+22, VCPB23, WYGL24, WXL+23, YZP+22]. **Mutation-Based** [GXD+24]. **My** [CBLA21, SFC+22b, WWW+22].

**Names** [FMN+22, LWCK21]. **Natural** [ABCS22, DPV+21, LJKC20, VPBB23, vdMTH23]. **Nature** [GMBv20, SBDR22]. **Navigation** [SBFW22]. **NCQ** [RdWT23]. **Need** [FSRJ20]. **Needs** [DWA22, GWMZ23, LPM+22]. **Nested** [NMA+23]. **Nets** [EYW23, VDBP+22]. **Network** [GRHJ22, GZZ+22, JLJ+22, PMC+21, ZLXY23, ZLWC24, ZKR23]. **Network-Based** [PMC+21]. **Networks** [AAB+23, DMZD22, LC23b, MAG+22, MSJP23, QZC+21, RBB23, SvdALS23, SYLL23, XSQ+23]. **Neural** [AAB+23, BEK+23, CGN+23, CDAR22, CKM23, GZZ+22, JLJ+22, JSW+23, LWL+23, MSJP23, NC24, RBB23, SvdALS23, SYLL23, XSQ+23, ZWS+22, ZLM+23, ZLWC24, ZKR23, ZYF+23]. **Neuron** [ZLWC24]. **Newcomer** [PMF+22, YWR23]. **Newcomers** [HZL+24]. **Newly** [LLL+23]. **Next** [GZLW24]. **NFRs** [WLL+22]. **Night** [FSRJ20]. **Nighthawk** [LCW+23]. **NLP** [CAAB23, WPGB22]. **NLP-Based** [CAAB23, WPGB22]. **Node.js** [RdWT23]. **Noise** [RWKH21]. **Noises** [GdCZH21]. **Non** [AFG+21, EFHT21, GMWL22, PBCV21, PWA+21, SGP+23, THBEF23]. **Non-Determinism** [SGP+23]. **Non-Deterministic** [EFHT21, THBEF23]. **Non-Dominated** [PWA+21]. **Non-Functional** [AFG+21]. **Non-Markovian** [PBCV21]. **Non-Security** [GMWL22]. **Normalization** [ABON22, ZLG+23]. **Notations** [CRAF23, EA22]. **Note** [BXL+22]. **Novel** [GXD+24]. **Novelty** [XHL+22]. **Novice** [FSRJ20, KTJ21]. **npm** [CASA22, WSP+23, COH22, COH21]. **Number** [QHL+23]. **Numerical** [NND22].

**Obfuscation** [ZYX+23]. **Object** [HLGX23, HLPK22, MBE+23]. **Object-Oriented** [MBE+23]. **Object-Sensitive** [HLGX23]. **Objective** [PWA+21, RAK+22, SOM22, TSPH22, TC23, YB20, ZLS+23]. **Obligations** [MGW20]. **Oblige** [EYW23]. **Observability** [MGW20]. **Observable** [EFHT21].

**Observation** [PC20]. **Observation-Enhanced** [PC20]. **Observational** [ATZ22]. **Observations** [KKN+21]. **Obsolete** [LXL+23, ZWC+21]. **Off** [IWD23, YWR23]. **Off-the-Shelf** [IWD23]. **On-Chain** [JWW+22]. **On-Time** [KGvDG22]. **Onboarding** [HZL+24]. **One** [MZH22]. **Online** [CM23, GZW+22, SH21, TMF23, WXH21]. **oo7** [WCG+21]. **Open** [APCs22, BKR+20, BSFR22, BGL+21, EVLVB+22, GMBv20, IKW23, KC21, KKN+21, LZWH22, LAM22, NSHL+23, SBDR22, TPK21, TGW+22, ZXB+23]. **Open-** [EVLVB+22]. **Open-Source** [LZWH22, TPK21]. **OpenStack** [HMIM22, RPNR22, ZZMJ21]. **OpenStreetMap** [AJBTMN23]. **Operating** [LSZ+23b]. **Operation** [END23]. **Operation-Based** [END23]. **Operational** [BMPR21, IWD23]. **Operations** [LCL+22, LL23, PZC22]. **Operators** [ARdNF+22, HSB+23]. **Opinions** [UK21, UBGK21]. **Opportunities** [GTL+23, PFR+22, WLL+22, ZLK+21]. **Optimal** [BDR+20]. **Optimization** [AYA+22, HKSH22, JZR+22, MFM23, PWA+21, SNNO22, TC23, XSSM22]. **Optimize** [WWC+21]. **Optimized** [ADS22]. **Optimizing** [MMT23]. **Options** [SH21]. **Oracle** [ALT22, JCHT21, LN22]. **Order** [JZZ+21, WH23]. **Orderly** [YZP+22]. **Organizational** [APHL22, IBR23, LLM+23, TKF23]. **Organizations** [SBDR22]. **Oriented** [LZP+23, MHG23b, MBE+23, TZL+22]. **Origin** [LC23a]. **ORIS** [PBCV21]. **OSS** [DPH+22, LYZ+22, NRPN22, PMF+22, PFR+22, TZZ23, YWR23, ZZMJ21]. **Outcome** [NRZ21]. **Outdated** [LWCK21]. **Output** [MBGC22, SFP+21]. **Overfitting** [YGM+22]. **Overflow** [LMZ+22, BTR22, LPM+22, LXL+22, LCC+23, NLM23, RKP+21, UK21, WCH20, XHS+22, ZWC+21, ZWCH21, ZWL+22, ZZX+23]. **Overflows** [MMS+21]. **Overhead** [WCG+21]. **Overlap** [GZZ+23]. **Oversampling** [YM22]. **Overview** [ZYGR23]. **Oz** [EBM22].

**Package** [CMAS22, DM21, DMZD22, LCB23]. **Packages** [CASA22, COH22, IKW23, LL23, PMC+21]. **PackerGrind** [XZL+22]. **PageRank** [PMKY23, ZLL+21]. **PageRank-Like** [PMKY23]. **Parallel** [MMT23]. **Parallelism** [CBWV22]. **Parameterized** [EK21]. **Parameters** [JLZZ20a, RLL+22, ZHX+23, JLZZ20b]. **Parametric** [CPJ21, FCGA23]. **Pareto** [LCY22]. **Pareto-Based** [LCY22]. **Parsing** [DLC+22]. **Part** [NDA+22]. **Part-of-Speech** [NDA+22]. **Partial** [BKJD22]. **Partially** [EFHT21]. **Participants** [CFP+21]. **Participation** [ZZMJ21]. **Partitioning** [AMG+23]. **Party** [CXLX21, HLC+22, HXJ+23, LWW+20, SVTTB23, ZLF+22, ZLL+22]. **Past** [DMZD22]. **Patch** [HLT+21, LCLL+23, XYWX24, XZY+23, ZFS+24]. **PatchDiscovery** [XZY+23]. **Patches** [LLL+23, YGM+22]. **PatchNet** [HLT+21]. **Patent** [KGS23]. **Path** [BDR+20, SGP+23, WCW+24, WGY+24, LWL+23]. **Pathidea** [CCW22]. **Paths** [CCW22, ZLH+23]. **Pattern** [JM23, VDBP+22, WXY+23b, ZWL+23a]. **Patterns** [AST23, CZ20, HJL+22, JM22, KL22, LKB+21, LJL+22, MTP+21, MTA+23, MCK+21, SFC22a, TKF23, TC23, YWR23]. **Pay** [ZWS+24]. **Pegasus** [PBC+22]. **Pending** [NWN+22]. **Perceive** [FMV+22, ZLC+20]. **Perceived** [GLNS22, SZB+21]. **Perceptible** [NRPN22]. **Perception** [HJC+22]. **Perceptions**

[NLM23, WXH+20, dAAvdH23]. **PerfJIT** [CSS22]. **Performability** [FCGA23]. **Performance** [BDP+22, CSS22, FSRJ20, GLPP21, HKSH22, KTSR22, LCL+22, MM22a, PVB+21, PBC+22, QZC+21, RVK+22, SM23, TWZ+22, THM20, TPBF23, WLMR21, ZXL+23, ZXB+23, ZZH23]. **Performance-Aware** [GLPP21]. **Periphery** [BKR+20]. **Permission** [WWW+23]. **Permissions** [LDL+22, SMA+21]. **Persistent** [DAM23]. **Personal** [APHL22]. **Personality** [IYNH21, RS22, WW22]. **Personalized** [WYW+22]. **Perspective** [AMG+23, FAB+22, PCY22, RCP+21]. **Perspectives** [LSA+21]. **Petri** [EYW23, VDBP+22]. **Phase** [LWL+23, LDRK24, YXF+22]. **Phone** [HDW+23]. **Physical** [APM+22, CPB22, LM23, MMT23, SXM23, SPT23, VCPB23, YLA+21, ZWX+23]. **Physical-World** [SPT23]. **Physics** [EA22]. **Pipelining** [GY23]. **Planning** [HAC+23, LTH+22a, PM22, SNNO22]. **Plans** [RTJ+22, SHE+22]. **Platform** [BWAH22, GJL+21, KTSS20, KDVM23]. **Platform-Independent** [KTSS20]. **Platforms** [ABCS22, WXH21, dASC21]. **Play** [HBH20]. **PLCs** [WWP+23]. **Plumber** [WSP+23]. **Plus** [SFP+21]. **Pluto** [MXR+22]. **Point** [FT23]. **Pointer** [HLGX23, SX20]. **Policies** [AAT+22, YLC+21]. **Polyglot** [CGN+23]. **Polymorphism** [RBZ22]. **Polymorphism-Inspired** [RBZ22]. **POMP** [MDX+21]. **PopArt** [BBC23]. **Popular** [ZLH+21]. **Population** [DGY+22]. **Porting** [MSG21]. **Positive** [GTL+23]. **Possible** [JZC+23]. **Post2Vec** [XHS+22]. **Postmortem** [MDX+21]. **Posts** [XHS+22]. **Pots** [TGW+22]. **PPChecker** [YLC+21]. **Practical** [PIFJ22, QZC+21, TFF+22, ZLM+22]. **Practice** [BXL+22, FW23, HHZZ23, HPW+22, KGS23, MHB22a, SKAP20, TAV20, WLL+22, YBSM21]. **Practices** [ASSB+21, APdS23, CBLA21, DMZD22, EWL+22, GMWL22, GRZS23, IBR23, KUC+21, LVEY+23, LZWH22, VCMG20, WXLM21, WWW+23]. **Practitioner** [FAB+22]. **Practitioners** [FMV+22, IBR23, MG20, ZLC+20]. **Pre** [ZFS+24, vdMTH23]. **Pre-Trained** [ZFS+24, vdMTH23]. **Precise** [DBP23]. **Predict** [DHMP23, JDS23, WWC20]. **Predicting** [AMDD22, DTP+21, WTT+22, XCK+22]. **Prediction** [BK23, BXLM21, CM23, CWH+21, CJL+21, CSS22, CXB23, DDPT22, FXdC+21, GRHJ22, GZZ+23, HLC+22, Her21, JLJ+22, JTDG22, KSJ+21, LZJ+23, NXL+22, OSKH23, PT23, QZC+21, RPNR22, SM23, TMF23, THM20, TLW21, TYM22, WXH+20, WLNT20, WZXL22, YHG+24, YM22, YMC+23, ZFS+24]. **Predictive** [LWL+23, LZM+23, SM23, ZLM+22]. **Predictor** [FGB23, LZJ+23]. **Predictors** [PATB23]. **Predicts** [MHJS+21]. **Preference** [LTH+22a, LYZ+22, SB24]. **Preparation** [CXB23]. **Presence** [NNL+20a, XZY+23]. **Preservation** [LFBM23]. **Preserving** [HSB+23, ZGZ+23]. **Pressure** [STRM23]. **Pretrained** [LZL+23]. **Prevent** [DHMP23]. **Pride** [PMKY23]. **Principal** [ZBA23]. **Principles** [MCK+21, PVB+21, SAPGIM22]. **Prioritization** [BKB22, DLP+24, DPZD20, LZL+22, LV22, LAM22, MN22, YBKB23]. **Prioritizing** [PMKY23]. **Privacy** [AAT+22, GSFO23, IBR23, YLC+21]. **Probabilistic** [LTH+22a, MM22a, ZLM+22]. **Probing** [KR24]. **Problem** [LTH+22a, RKM22, TMS23]. **Problems** [QTL+22]. **Procedure** [SVOJ21, SM23]. **Process** [DDPT22, HZL+24, HGHM22, HLPK22, NLGZ23, WLMR21, vBGC+23].

**Processes** [EK21, JK21, LTH+22a, RCMB22]. **Processing** [BJ22, CAAB23, CZ20, HB21, vdMTH23]. **Producing** [SWC+22]. **Product** [DDPT22, GdLCS22, HSB+23, NNNV22, SAC23, XHL+22]. **Production** [BXL+22, DHMP23]. **Productivity** [BL23, GLNS22, JK21, JZB21, MHJS+21, SZB+21]. **Products** [RMT20]. **Professionals** [LLM+23]. **Profile** [BMPR21]. **Profilers** [WZS+23, WZS+24]. **Profiling** [ED23, QTL+22]. **Profit** [Her21]. **Program** [AMS+21b, Cat23, CPF21, CKT+21, CPP+23, GBP23, GBDF22, HDC+23, IWD23, KMSH22, LSZ+22, MSB+22, MDX+21, PBM22, PAV21, TJZ+22, VMA22, WCG+21, WWW+22, WCW+24, WBC+23, WNB+23, XYWX24, XCP+22, YDLW20]. **Programmer** [JK21]. **Programmers** [PSA+20, WXH21]. **Programming** [Ala23, BFP+23, GMN+22, JCMB23, JBL21, LZJ+23, LLL+23, RKH+22, YB20, ZLH+21]. **Programs** [CF22, DMS+23, GXS+22, GY23, KMP23, Mas23, PLHR23, SGP+23, YB20]. **Progress** [GTL+23]. **Progression** [KUC+21]. **Project** [DDPT22, JLJ+22, LZJ+23, LTH22b, NXL+22, PGSS22, SRS23, TMF23, WLMR21, ZLXY23, RPNR22]. **Project-Specific** [JLJ+22]. **Projects** [BXLM21, BGL+21, CCM+23, GM20, GMBv20, GF23, HZL+24, JCA+22, KCVM22, KKN+21, LYZ+22, LZWH22, LAM22, NR23, PMF+22, RML+23, RKM22, ZXB+23]. **Prompt** [WYG+23]. **Prone** [JKS23]. **Propagation** [RP23, WSP+23]. **Properties** [AGR24, BMBB23, CZ20, MTA+23]. **Property** [CZ20, GdLCS22]. **Propositions** [RMT20]. **Prospects** [ZZH23]. **Protected** [PCM23]. **Protecting** [IAM+20]. **Protocol** [FTH+21]. **Prototyping** [MBCC+20]. **Prove** [KMP23]. **Provenance** [SAPGIM22]. **Providing** [MTA+23]. **ProXray** [FTH+21]. **Psychological** [VR24]. **Publicly** [ZZX+23]. **Pull** [APCs22, IYNH21, JLG+23, LYZ+22, LYW+22, VFX+21, ZYGR23]. **Pull-Request** [LYW+23]. **Puppet** [RP23]. **Puppet-Based** [RP23]. **Pushdown** [PMGM22]. **Python** [CCM+23, CHM24, KCVM22].

**Q** [NBO22]. **Q&A** [MWdA21, WCH20]. **QoS** [PC20]. **Qt** [HMIM22]. **Qualitative** [BKR+20, LSA+21, PGPa+22]. **Quality** [AKA+22, AJBTMN23, GPG21, HSR21, HDC+23, KTJ21, MSB+22, PDM+21, RTJ+22, TH21, TDV+21, WZXL22]. **Quantamorphisms** [NBO22]. **Quantifying** [VMA22]. **Quantitative** [DAM23, GBDF22, MTA+23, PBCV21, SLZR22, TLLV20]. **Quantum** [GY23]. **Quarter** [MSG21]. **Quasi** [ADPJ23]. **Quasi-Experiments** [ADPJ23]. **Queries** [HLX+24, LC23a]. **Query** [PZC22, ZHX+22]. **Question** [BWAH22, LCC+23, NLM23, ZHX+22, ZLG+23]. **Questions** [SH21].

**R** [ZLC+24]. **R-GCN** [ZLC+24]. **Race** [NRPN22, WGW+22]. **Races** [BCJ+22]. **Railway** [FMBtB22]. **Rainbow** [TGW+22]. **Random** [HSX+21, MMT22, QHL+23, WNP+20]. **Range** [HML+24]. **Ranked** [BBC23]. **Rankers** [JBS+22]. **Ranking** [LGC+22, PMC+21]. **Re** [CCW22, TLLV20]. **Re-Constructing** [CCW22]. **Reactive** [MKJ21, PBJ24]. **Readability** [DPRVG+23]. **Readers** [vdLWHR22]. **Reading** [TCS+23, ZWCH21]. **Real** [AMS+21b, FMBC+23, GZLW24, MHB22a, MSB+22, OGK+23, PGSS22, QTL+22, SHWA23, ZXB+23, ZWM22]. **Real-Life** [ZXB+23]. **Real-Time** [FMBC+23, GZLW24]. **Real-World** [AMS+21b, MSB+22, QTL+22, SHWA23]. **Realistic** [AMLS+23, CHM24, LC23b]. **Really** [WBC+23]. **Reasoning**

[LCLL+23, MSV22]. **Rebalancing** [PCM23, THM20]. **Rebooting** [LBK21]. **Recognition** [SvdALS23]. **Recommend** [SGP+22]. **Recommendation** [CPX+22, CGR+23, GZLW24, KTP+20, LZP+23, PLG+23, WWC+21, WYW+22, WLGT23, XYWH22, ZWY+20, ZYC+22]. **Recommendations** [AKM+20]. **Recommending** [CFP+21, KC21, NDD+22]. **Recordings** [BCCH+23]. **Recovery** [CLL+22]. **Recurrent** [GZZ+22]. **Reduce** [BBR22, DCAA22, dAFdOBT21]. **Reduction** [GSKV22, PM22, ZWL+23a]. **Redundancy** [LYZ+22]. **Refactor** [JKS23]. **Refactoring** [AKA+22, ARdNF+22, AKM+20, AKT22, AMDD22, END23, NLGZ23, RAK+22, SdSS+21, SRG+23, WXY+23a]. **Refactoring-Aware** [END23]. **RefactoringMiner** [TKD22]. **Refactorings** [ARdNF+22, FIY+23]. **RefactorScore** [JKS23]. **RefDiff** [SdSS+21]. **Reference** [HSR21, WXH21]. **Referencing** [BTR22]. **Refinement** [EFB21, WSQJ21, ZHX+22]. **Reflective** [MMZF21, TTO23]. **Reformulation** [LCC+23]. **Reformulations** [PZC22]. **Registries** [ZZX+23]. **Registry** [LCB23]. **Regression** [CSS22, HYC22, LCL+22, MN22]. **Regressions** [WLY+21, ZXL+23]. **Regulatory** [vBGC+23]. **Reinforcement** [BKB22, THEF+24, WZS+22, YLA+21, ZAB+23]. **Reinforcement-Learning-Guided** [WZS+22]. **Related** [KCVM22, LPM+22, MCP+23, SH21, SSL+23, UBGK21]. **Relation** [JLJZ22, QZCP22, SFP+21, YMC+23]. **Relations** [JBL21, NSW+22, ZSCT20]. **Relationship** [LDRK24, NRPN22, TKF23, XYWH22]. **Relationships** [LCYS22, dCC+22]. **Release** [BXL+22, SNNO22]. **Released** [LLL+23]. **Releases** [COH22, IKW23, LCB23]. **Relevance** [FMV+22, MZH22]. **Relevant** [BK23, GMWL22]. **Reliability** [SZ23, ZLS+23]. **Reliability-Driven** [ZLS+23]. **Reliable** [CM23]. **Repackaged** [LBK21]. **Repair** [AMS+21b, CPF21, CKT+21, CPP+23, GCSHB21, GBP23, JWW+22, KMSH22, LKP+21, MSB+22, PXP+22, PBM22, SHWA23, WGW+22, WBC+23, WNB+23, XYWX24, XCP+22, YB20, ZWY+20]. **Repairing** [CKM23, MMS+21]. **Repeated** [CPP+23]. **Repeating** [APM+22]. **Replayable** [BCCH+23]. **Replication** [KDVM23, TSPH22, TMS23]. **Replications** [SVOJ21]. **REPM** [VCMG20]. **Report** [FYS+23, LCL+22, SWC+22, WZXL22, YFZ+23, ZLC+20]. **REporting** [KMB23b, FMBC+23]. **Reports** [FXLH20, LFZ+22, ZWB+21]. **Repositories** [ATFJ22, CDK20]. **Repository** [JLL+23]. **Representation** [CGR+23, LJL+22, MSJP23, SAK+23, UO22]. **Representations** [BC23, ODTS23, XHS+22]. **Reproducible** [PVB+21]. **Reproduction** [FMBC+23, SPv20]. **Request** [APCs22, IYNH21, LYW+22, LYW+23, ZCZ+21, ZYGR23]. **Requests** [JLG+23, LYZ+22, VFX+21]. **Requirements** [AFG+21, ADPJ23, CVGA22, FRGCH20, FMV+22, FGMS22, HGHM22, LS23, LSZ+22, MHG22, MHG23a, MHG23b, MG20, MTR21, MRTM22, TDWB23, VCMG20, WDNH22]. **Rerere** [GF23]. **Research** [ATFJ22, FMV+22, FFT21, KGS23, LBK21, MAM23, PGPa+22, SBL21, WNB+23, ZLF+22]. **Research-Based** [PGPa+22]. **Resilience** [Cat23]. **Resolution** [ZLH+21]. **Resolve** [GF23]. **Resolving** [VHFA22]. **Resource** [BLQ21, ZLS+23, ZWL+23b]. **Resource-Saving** [ZWL+23b]. **Resources**

[BBR22, GLPP21, HB21]. **Respect** [PDM+21]. **Responding** [MHG23a]. **Response** [NC24]. **Responsive** [Ebn22]. **REST** [SGP+22]. **RESTful** [LCY+23]. **Restore** [XCP+22]. **Results** [CPB22, CBLA21, MM22a]. **Retrieval** [CCW22, ZHX+22, ZYF+23]. **Retrieval-Based** [CCW22, ZYF+23]. **Retrospective** [XCP+22]. **Reusable** [MBE+23]. **Reuse** [HYC22, RdWT23, RBZ22]. **Reusing** [ADP21]. **Review** [AME+23, APdS23, CXB23, EWC22, HGHM22, HMIM22, HJC+22, IW23, LBK21, LCY22, MHDH+22, PKH+21, SKAP20, dPSDdAM21, TH21, TDM+24, TEM22, WHG+23, WNB+23, ZLF+22, ZSC+21]. **Review-Based** [ZSC+21]. **Reviewed** [IW23]. **Reviewer** [KTP+20]. **Reviewers** [Ano20b, Ano23, Ano24, Uch24]. **Reviews** [DDCC23, GLZ+23, HDC+23, HMIM22, NZZ21, TCS+23, YWL+23, ZCZ+21]. **Revise** [WCH20]. **Revisiting** [CHM24, GRHJ22, KKC+23, NXL+22, PCY22, PLG+23]. **Rewrite** [KMP23]. **Rhythms** [NLGZ23]. **Rich** [CFCL23]. **Right** [ZLW+23]. **Rings** [Ebn22]. **RNN** [GZZ+22]. **RNN-Test** [GZZ+22]. **Robotic** [MTP+21]. **Robotics** [GBJ+23]. **Robots** [MTA+23, RKH+22]. **Robust** [SYLL23, UO22]. **Robustness** [ZTW21]. **Roller** [MHG23a]. **Root** [GRR+23, LCL+22]. **Round** [PBJ24]. **Round-Trip** [PBJ24]. **Rule** [DB22]. **Rules** [AKT22, KMP23, LDRK24, NNL23, PMKY23, SPK22]. **Running** [ZWC+23]. **Runtime** [CHM24, ESMM23, NNL23, TCA+23, WWW+23]. **Rust** [LCB23].

**SAFe** [HSH+22]. **Safety** [CZW+23, CMAS22, MG20, PEM21, SXM23, VR24, VBW+21, VCMG20]. **Safety-Critical** [MG20, PEM21]. **Salient** [HJC+22]. **Salient-Class** [HJC+22]. **Samples** [ZJR+21]. **Sampling** [LZJ+23, MMT22, MBGC22, ZWS+22]. **Satisfaction** [FRS+23, FdS20, JZB21, SZB+21]. **Satisfiability** [GdLCS22]. **Save** [BBR22]. **Saving** [WLT+23, ZWL+23b]. **Say** [EYW23]. **SBR** [ARdNF+22]. **Scalable** [CGN+23, CPB22, DBP23, HFS+23, JM23, MPH23, TTO23, XXCL19, XXCL21, YBKB23]. **Scalably** [HXJ+23]. **Scale** [BXLM21, BHMS23, CXLX21, CCW23, Ebb23, EOH23, EWC22, HB21, IGLP23, KGvDG22, LWW+20, LSZ+23a, MJT+22, PIFJ22, SWC+22, TII22, WCXG22, ZZX+23, ZXB+23]. **Scaling** [HB21]. **Scanners** [DPH+22]. **Scattering** [PQM+21]. **Scenarios** [BCCH+23, HAC+23, LN22, MXR+22, MMT22, SB24, ZJR+21, ZTT+23]. **Scene** [BSV24]. **scenoRITA** [HAC+23]. **Schedule** [LDRK24, RCMB22]. **Scheduling** [GXD+24, WXG+21, XYWX24, YDLW20, ZYZ+20]. **Schemas** [NNL+20a, NWN+22]. **Scheme** [GXD+24, YFL+22]. **Science** [MHH+21, NSHL+23]. **Scores** [HMIM22]. **Screencasts** [Ala23]. **Script** [PXP+22]. **Scrum** [MHB22a]. **Scrutinizing** [MWB+21]. **SCS** [ODTS23]. **SCS-Gan** [ODTS23]. **SE** [SGJ20]. **Search** [ARdNF+22, AMS+21b, AKM+20, BSV24, CCPP23, CHB+22, DBP23, LCY22, LXS+23, MJT+22, NSMMA23, PATB23, PFAC22, SOM22, SSGG23, SSBA23, SPv20, WMY+23, XHL+22, XXCL19, XXCL21, YFL+22, ZAB+23]. **Search-Based** [ARdNF+22, AKM+20, CCPP23, LCY22, NSMMA23, PATB23, PFAC22, SPv20, XHL+22, ZAB+23]. **Second** [WH23]. **Second-Order** [WH23]. **Secondary** [KMB23a, KMB23b]. **SECOs** [FEA23]. **Secret** [IGLP23]. **Secure** [GMWL22, WLT+23, vdLWHR22]. **Security** [AKA+22, APM+22, APHL22, CPGB23, CKM23, GMWL22, HMC+22, HDW+23,

IKW23, LVEY+23, LDL+22, PBJ24, RP23, SHE+22, TSBB20, WDNH22, WZXL22]. **Security-Aware** [AKA+22]. **Security-Relevant** [GMWL22]. **Seek** [UBGK21]. **Seeker** [GJL+21]. **SEGRESS** [KMB23b]. **Selecting** [HLGX23]. **Selection** [BDR+20, BMPR21, GOD+23, LZJ+23, PWA+21, RMT20, RUM22, SYLL23]. **Self** [EK21, EOH23, IAM+20, KMP23, LSAS23, MM22a, MHB22b, XWM+22, YFTM22]. **Self-Adaptive** [MM22a]. **Self-Admitted** [EOH23, LSAS23, XWM+22, YFTM22]. **Self-Assignment** [MHB22b]. **Self-Protecting** [IAM+20]. **Self-Stabilizing** [EK21]. **Self-Supervised** [KMP23]. **Semantic** [AMS+21b, AS23, DM21, GJL+21, HLPK22, JLJZ22, LCLL+23, LJKC20, LXS+23, OGK+23, UO22, WLNT20, ZGZ+23]. **Semantic-Preserving** [ZGZ+23]. **Semantics** [AMG+23, CXLX21, HWZ+21, LJL+22, LDC+23, PXY+23, SCZ+23, SXM23, WWW+22, WWP+23]. **Semantics-Based** [HWZ+21]. **Semantics-Guided** [SXM23]. **Sense** [DC24]. **Sensitive** [HLGX23]. **Sensitivity** [HLGX23]. **Sensor** [ZWX+23]. **Sentiment** [AYY+22, GZW+22]. **Sentiment-Topic** [GZW+22]. **Sentinel** [GSKV22]. **SeqTrans** [CQL+23]. **Sequence** [CKT+21, CQL+23, EFM+23, FFR+24, WWC20]. **Sequence-to-Sequence** [CKT+21]. **SequenceR** [CKT+21]. **Sequences** [EFHT21, JZR+22, THBEF23, WWC20]. **Sequencing** [VDBP+22]. **Sequential** [NRZ21, XSSM22]. **Series** [BDP+22]. **Serverless** [ESvE+22]. **Service** [JLC+21, TC23, WYN+23]. **Service-Based** [TC23]. **Services** [CVGA22, LCY+23]. **Sessions** [CFP+21]. **Set** [MDX+21]. **SEthesaurus** [CCZX21]. **Setting** [MMZF21, SSL+23]. **Setting-Related** [SSL+23]. **Shape** [PMF+22]. **Shared** [RLL+22, VBW+21]. **Sharing** [APM+22, TEM22]. **Shelf** [IWD23]. **Shifted** [SPK22]. **Shortest** [BDR+20]. **Shortest-Path** [BDR+20]. **Should** [GZLW24, KMB23a, LXL+21, NZZ21, SRG+23]. **Siamese** [MAG+22]. **Side** [HMFL23, PBM22]. **SIEGE** [SXM23]. **Signal** [BMBB23]. **Signal-Based** [BMBB23]. **Signaling** [FMBtB22]. **Signals** [HFG+23]. **Signatures** [CLL+22, ZWM22]. **Significance** [TFF+22]. **SigRec** [CLL+22]. **Similar** [SJR+22, VPBB23, WCXG22]. **Similarity** [HWZ+21, KKC+23, MAG+22, OGK+23, PXY+23]. **Similarly** [RBZ22]. **Simple** [PMKY23]. **Simpler** [AYA+22]. **Simulating** [EBM22, IWD23]. **Simulation** [FFR+24, LZM+23, MMT22, MMT23]. **Simulation-Based** [FFR+24, LZM+23, MMT22, MMT23]. **Simulink** [FFR+24]. **Site** [DDP+23]. **Six** [KKN+21]. **Size** [MAP+22, SPK22]. **Sketch** [SvdALS23]. **Sketch2Process** [SvdALS23]. **Skill** [JBL21]. **Skip** [AMS21a, SOM22]. **Skipped** [AMSR21]. **Slack** [EAGZ22]. **Sleep** [FSRJ20]. **Slicing** [TSBB20, WLY+21]. **SLocator** [LC23a]. **Slow** [IKW23]. **Small** [PR22]. **Smart** [CXL+22a, CXL+22b, CLL+22, EOH23, GJX+21, JWW+22, KLS+22, KDVM23, LLZ+23, LSZ+23a, MWB+21, PBS+21, QHL+23, WLT+23, ZYX+23, ZWC+23, ZLK+21]. **Smart-Contract** [WLT+23]. **Smell** [LJX+21]. **Smells** [CCM+23, JCA+22, PAA+21, SA23, SRG+23, dPSDdAM21, TPK21]. **Sneaky** [IKW23]. **Snippets** [NDD+22, RKP+21]. **Socio** [Hod22, MJT+22, RCS+23]. **Socio-Technical** [Hod22, MJT+22]. **Software** [ABCS22, AFC+21, AYA+22, ANS+22, ASSB+21, AKM+20, AMDD22, Ano20a, Ano21, Ano22, AGR24, AMHW22, ATFJ22, BSMM22, BKR+20, BSFR22, BBR22, BL23, BGL+21, CM23, CCZX21, COH22, CDK20, CXB23, DTP+21, DHMP23, DPV+21,

DAM23, DWA22, EWC22, FAB+22, FCGA23, FW23, FdS20, FFT21, GWMZ23, GLNS22, GRHJ22, GZZ+23, GKS+23, GRZS23, GY23, HFG+23, HYC22, Her21, Hod22, HMFL23, HPW+22, IGLP23, JZB21, KTJ21, KMB23a, KMB23b, KUC+21, KGS23, KTH+22, KGvDG22, LVEY+23, LCY22, LZWH22, LZL+23, LL23, LDRK24, MMZ+22, MHG23a, MHG23b, MM22a, MAM23, MEW22, MMZF21, MBBZ21, MST+20, MRTM22, MHJS+21, NH22, NTR20, NR23, NWCS20, NRZ21, NLM23, NSMMA23, NDD+22, NNNV22, NC24, NLGZ23, NSHL+23, PMC+21, PATB23, PZC22, PBC+22, PR22, RTJ+22, RWKH21, RBPS20, RBZ22, RMT20, RUM22, RS22, SZ23]. **Software** [SBL21, SRT+22, STRM23, SBDR22, SNNO22, SVOJ21, SABZ22, SKAP20, SHC+22, SAC23, SPK22, SRS23, SB23, SM23, SFC22a, SSSC22, SZB+21, TMF23, TSPH22, TII22, TH21, TDWB23, TFF+22, TPBF23, VR24, WXLM21, WLNT20, WGW+22, WDNH22, WHG+23, WWK+23, WWC20, WLMR21, XSSM22, XHL+22, XYWH22, YHG+24, YNWC24, YM22, YHW20, ZSM23, dMS+22, dCC+22, dAAvdH23, dASC21, vdMTH23]. **Software-Intensive** [RMT20]. **solution** [GMWL22]. **Solutions** [ADP21, CPB22, GKS+23, KLS+22, LCY22, YNWC24]. **Solved** [MZH22, TMS23]. **Solvers** [ZXL+23]. **Solving** [TSBB20, WZS+23, WZS+24]. **Sorted** [PDV23]. **Sorting** [YZP+22]. **SOSRepair** [AMS+21b]. **Source** [APCs22, BEK+23, BKR+20, BSFR22, BGL+21, CZW+23, EVLVB+22, FRGCH20, GMBv20, GPG21, IKW23, KC21, KKN+21, LZWH22, LAM22, MAG+22, NDA+22, ODTS23, SBDR22, TPK21, TGW+22, WZS+22, ZYX+23, ZXB+23]. **Source-Code-Quality** [GPG21]. **Source-Level** [CZW+23]. **Sourced** [VSA+22]. **Space** [CPB22, EK21, NSMMA23, RAK+22]. **Specialization** [SVTTB23]. **Specializing** [XSQ+23]. **Specific** [EK21, JLJ+22, MVDS20, SFC+22b]. **Specification** [CZ20, HML+24, MTP+21, MTA+23, ZST+23]. **Specification-Based** [ZST+23]. **Specifications** [BSV24, HLPK22, KRB22, LN22, MRTM22, WPGB22]. **Specified** [EFHT21, HLX+24, VPBB23]. **Specifying** [PL21]. **Spectra** [PAV21]. **Spectral** [TLW21]. **Spectre** [WCG+21]. **Spectrum** [BMPR21, WCT+21, ZLL+21]. **Spectrum-Based** [ZLL+21]. **Speech** [NDA+22]. **Spork** [LFBM23]. **Spreadsheets** [KSJ+21]. **SQAPlanner** [RTJ+22]. **SQL** [LC23a]. **SSA** [Mas23]. **ST** [WWP+23]. **Stability** [SBL21]. **Stabilizing** [EK21]. **Stable** [HLT+21]. **Stack** [LZWH22, LMZ+22, BTR22, BWAH22, LPM+22, LXL+22, LCC+23, NLM23, RKP+21, UK21, WXH21, WCH20, XHS+22, ZWC+21, ZWCH21, ZWL+22, ZZX+23]. **Stackoverflow** [vdLWHR22]. **Stage** [HXJ+23]. **Stages** [GWMZ23]. **Stakeholder** [SB24, SHE+22]. **Stakeholders** [RMT20]. **Standards** [FGMS22]. **Start** [KUC+21, YWR23]. **Start-Ups** [KUC+21]. **Startups** [MEW22]. **State** [AKT22, AMHW22, BKJD22, ESvE+22, EFB21, GBJ+23, LY24, SBL21, TDM+24, THEF+24, WH23, YSSH22]. **State-Based** [AKT22]. **State-of-the-Art** [LY24, SBL21, YSSH22]. **Statecharts** [CGSV22]. **Statement** [BC23, SCZ+23]. **Statement-Wise** [BC23]. **Statements** [LCYS22]. **States** [NND22]. **Static** [AXR+23, BCJ+22, CBWV22, DKH+20, DB22, DWA22, ED23, GOD+23, GTL+23, LY24, PLHR23, PDV23, YKT+23, ZYZY23]. **Static-Dynamic** [BCJ+22]. **Statically** [YGM+22]. **Statistical** [NMA+23, WXL+23]. **Statistically** [SZ23]. **Statistics** [ZTW21]. **Step** [YFTM22]. **Steps** [FMBC+23]. **Still** [LYW+22]. **Stop**

[TCS+23]. **Store** [ASSB+21, HBH20]. **Story** [FT23]. **Storyboard** [CFCL23]. **Straight** [KMP23]. **Straight-Line** [KMP23]. **Strategies** [AHH22, DAM23, GSKV22, SBFW22, TEM22]. **Strategy** [JZZ+21]. **STRE** [TCS+23]. **Stream** [DDCC23]. **Streaming** [SLZR22]. **Strength** [GStZ+23]. **Strengths** [TDM+24]. **String** [ZXL+23]. **Structural** [CPX+22, GJX+21, MGW20]. **Structurally** [LC23b]. **Structure** [CR21, SHC+22, TKF23, ZZC+23]. **Structured** [LFBM23, WWP+23, YMC+23]. **Structures** [DPV+21, LLM+23, LFaG+22]. **Studies** [HPW+22, KMB23a, OGK+23, KMB23b]. **Study** [AGT+23, ALL+21, ATZ22, BXLM21, BWAH22, BXL+22, CR21, CPF21, CJL+21, CCW23, CASA22, CCP+22, COH21, COH22, CRAF23, CMAS22, CVGA22, DPH+22, DWA22, EBM22, EOH23, EAGZ22, FGMS22, GM20, GMBv20, GRZS23, GSFO23, HHZZ23, HMIM22, HSH+22, IGLP23, JDZ+23, JSW+23, JTDG22, KCVM22, KDVM23, LSA+21, LYZ+22, LYW+22, LCB23, LSAS23, LSZ+23a, LMZ+22, MG20, MJT+22, MST+20, NLGZ23, NSHL+23, OSKH23, PQM+21, RKM22, RPNR22, RMT20, RVSP20, SGJ20, SHC+22, SBFW22, SA21, SPT23, TWZ+22, TSPH22, TMS23, TAV20, TCA+23, VHFA22, VSA+22, VFX+21, WW22, WXH21, WCH20, WZXL22, YHG+24, YKT+23, ZZMJ21, ZLL+21, ZWC+21, ZLH+21, ZWL+22, ZTT+23, ZZX+23, ZXB+23, ZLWC24, ZPX+21, ZLX+21, dASC21]. **Studying** [AHH22, CCPP23, GdCZH21, GHZ23, HBH20, JK21, LCYS22, LZWH22, ZWB+21, CBLA21]. **Styles** [AGR24]. **Stylometric** [ODTS23]. **Sub** [EFB21]. **Sub-Components** [EFB21]. **Subgraph** [KL22]. **Substitutable** [SHM21]. **Subsuming** [GOD+23]. **Success** [LDRK24, TGW+22, YWR23]. **Suggesting** [TCS+23]. **Suggestion** [LWCK21]. **Suite** [DPH+22, YHW20, ZLM+22]. **Suites** [JTA+23, SGP+23, ZWX+23]. **Summarization** [BEK+23, LLC+22, SCZ+23, WZS+22, ZYF+23]. **Summary** [HYC22]. **Summer** [TZZ23]. **Supervised** [AMDD22, KMP23, NXL+22]. **Support** [GMWL22, MTA+23, MVDS20, NDD+22, RdWT23]. **Supporting** [KSO+23, PWA+21, ZLW+23]. **Surface** [vdLWHR22]. **Surrogate** [SGTY22, WCW+24]. **Surrogate-Assisted** [WCW+24]. **Survey** [AFG+21, BSMM22, BKR+20, HMC+22, HKSH22, HSX+21, KGS23, MHH+21, SBL21, SKAP20, SFC22a, VHFA22, ZHML22, ZZX+23, ZPX+21, ZZH23]. **Sustains** [MHB22b]. **Switches** [MSZ+22]. **Sword** [VR24]. **Symbolic** [CHB+22, EFB21, MPH23, NND22]. **Symmetric** [Ebn22]. **Symmetry** [PDV23]. **Synchronization** [FEA23]. **SynShine** [ALD23]. **Syntactic** [LCLL+23, OGK+23, ZZC+23]. **Syntax** [ALD23, LGC+22, ZLH+23]. **Syntax-Based** [ZLH+23]. **Synthesis** [Cat23, EK21, Ebn22]. **Synthesizing** [SHM21]. **System** [ANS+22, CPGB23, FMBtB22, HML+24, KTSR22, PEM21, SA21, SSL+23, XZL+22, ZMH+21, ZLG+23, ZWX+23, ZSCT20, ZPX+21, ZST+23]. **Systematic** [AME+23, AGT+23, CXB23, EWC22, FMBtB22, GRZS23, HGHM22, KR24, MST+20, SGJ20, SKAP20, dPSDdAM21, TEM22, WHG+23, ZLF+22, ZLL+22, ZYZY23, ZTT+23, dASC21]. **Systematical** [TWZ+22]. **Systems** [ALT22, ASC+23, APM+22, AYY+22, AMHW22, CPB22, DC24, EK21, GRR+23, GZZ+22, HMC+22, IAM+20, JLC+21, KNJM21, LSAS23, LCL+22, LM23, MMT23, MG20, MBE+23, NC24, OSKH23, PBCV21, PC20, PBC+22, RCP+21, SSBA23,

SWC+22, SXM23, SPT23, SLZR22, TTO23, TLLV20, TII22, TC23, UC21, VBW+21, VCPB23, WSQJ21, WYN+23, XWM+22, YLA+21, ZRDD22, ZSM23, ZTT+23, ZLA+23, ZPX+21, ZZH23]. **SZZ** [FXdC+21].

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