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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

1 [JFJ+23]. **3** [LDM+24]. ***k*** [GHX+24]. ***N*** [RKBL19, JFJ+23]. ***z*** [LCZL14].

-Equivalent [LCZL14]. **-to-** [JFJ+23]. **-way** [RKBL19].

19 [FSZ+22, MKR+23, RHV24, RHvB24].

2-year [RHV24, RHvB24]. **2.0** [DKD21]. **2002** [Ano02]. **2013** [HP15].

Abandoned [KCAS23]. **Abbreviated** [SRTR17]. **ABC** [SF18]. **Able** [HNRA20]. **Abnormal** [ZCL+24]. **Abstract** [PSZ21, XMA+14, Jac95a, Pon02].

Abstracting [Gun00]. **Abstraction** [AEK+16, LXS+24, ZNZ+23, CF03, Egy02].

Abstractions [MCM24, PSZ21, BG98, DBGU13].

Abstractive [SFC+24]. **Academia** [MS22].

Accelerating [LSX+24, MUB+23].

Acceleration [LHX21]. **Access** [LSX+24, BDL06]. **Accessibility** [BXL+22, SMY+24]. **accommodates** [YHR92]. **Accounting** [SM12]. **Accuracy** [ASNB19, CWW+20, CSFB24, ODE21, WYC+24, WWAC23]. **Accurate** [HSB+23, TLL+23, ZLL+23]. **Achieving** [BJMH02, HAB13, LBZ14].

Acknowledgement [ACM05]. **ACM** [NP08]. **Acrobats** [RFDS24]. **across** [CSV13, SXX+24]. **action** [HN98]. **Active** [ASNB19, MS15]. **ActivFORMS** [WI23].

Activities

[HGHM23, NKL⁺24, SHLW21, WFW⁺20]. **Activity** [KS22, Esh06]. **Activity-Based** [KS22]. **activitycharts** [BRG⁺01]. **Actor** [CCRZ23]. **Actor-Driven** [CCRZ23]. **Ada** [Di193, Di197, DBDS94, YTL⁺95]. **ADAM** [GL14]. **adapt** [DPT13]. **Adaptation** [FCG⁺24, SEM17, ZH24]. **Adaptive** [BS16, CLBY18, DR11, HDG⁺24, RPT⁺22, SMBO21, ZA22, HWH14, VTA04, WI23]. **Addendum** [HT98]. **Address** [Zav04]. **Addresses** [ZWGX22]. **Adequacy** [DDS23, GRS⁺16, KFY23, KSD08]. **Adequate** [GGZ⁺15]. **Admitted** [RXX⁺19, GLL⁺21]. **Adonis** [LYL⁺24]. **Adopting** [WT24a, WT24b, SAB⁺14]. **Adoption** [RSBO23, Rus24]. **Adversarial** [KL21, ZCL⁺24, ZZS⁺22]. **Advisories** [HSC⁺24]. **Affected** [PLMC23, VCF21]. **against** [EWS14, GSC24, IC14, LZS⁺24, ZSWS23]. **Age** [PHS⁺24]. **Agents** [BT24, MPR06]. **Aggregation** [SPAS21]. **aggregator** [BPT10]. **Agile** [RFDS24, Rus21, CF10]. **agnostic** [DLSC23]. **AI** [CCH⁺24, MFBF⁺22, OHDB92, PHS⁺24, Rus24]. **AI-based** [OHDB92, MFBF⁺22]. **Aide** [PWB23]. **Aide-mémoire** [PWB23]. **aided** [SB06]. **AIOps** [LJL⁺20, LLS⁺21, LRL⁺22]. **algebra** [ZB13]. **Algebraic** [SZH⁺19, HRD08, PPP94]. **algebras** [BCD02]. **Algorithm** [CYM⁺24, LD24, ZMC⁺24, BS07, YHR92]. **Algorithms** [DBNG15, ARL⁺15, HT17, HT98, HVT98, KK93]. **aliasing** [FYD⁺08]. **Alignment** [CXH23, UFG14]. **Alignments** [TC20]. **Alike** [KFY24]. **Allocation** [SMBO21]. **alloy** [FPB⁺05, MPF14, Jac02]. **alone** [UGKR22]. **Alpha** [XFS⁺24]. **Alphabet** [FDB⁺12]. **Alternative** [TTL⁺21]. **Alternatives** [KDM17, KDM23]. **Always** [HDKM23]. **Always-on** [HDKM23]. **American** [FMMB23b, FMMB23a]. **Amoeba** [DCS09]. **among** [GL11, KDM23].

Amplification [PLP⁺23]. **Amplifying**

[ZE14]. **Analyses** [CST16, CTA⁺21, RKBL19, LS13]. **Analysis** [AMS⁺18, AEK⁺16, AGRR19, AFPB23, AFPB24, ASJA23, BK24, Bjø19, CCW⁺23, CZH⁺24, CYM⁺24, CTC⁺23, CCXZ23, CFL⁺16, DG17, EHF20, FCLL21, FTF22, FTF24, HNRA20, HLX23a, JFJ⁺23, JZL⁺19b, JA22, KJHY22, LKRF22, LCZL14, LASA24, LHX21, DDGR18, LM24, MGTR18, PHS⁺24, PBCT10, RSC⁺24, RHV24, RHvB24, SEM17, SBS⁺23, SGD15, SST24, SLB⁺21, TDL⁺24, VLJ⁺18, WWY⁺23, YXX⁺23, YCG⁺24, YXK⁺17, YBL15, ZHS⁺23, ZZC⁺23, ZHXZ24, ZWY⁺21, BP98, BGO⁺14, CS12, CK96, CK99, Cor00, CSX08, DRW96, Dev99, DBDS94, DCCN04, For94, GL14, GM01, GSH97, HKMB⁺14, Hie06, HH95, HZZ13, HT98, HVT98, HN98, LH08, LH02, MRR05, NP08, OO92, PTY95, PGM12, RM03, Rob08, SGG⁺14, Sne96, SRK06, TPT13, WP93, XCKX13, YTL⁺95, YBL13, FPGA07, MVM07]. **analyze** [CFM00]. **Analyzing** [LTX19, OL22, SZZ⁺24, DFG00]. **Anatomy** [SGhWG22]. **Anchor** [WWY⁺23]. **Android** [ABC⁺22, GHM18, GJS⁺23, LVBBC⁺18, LZF⁺24, MCKG24, MA24, PLP⁺23, PGZ⁺20, RMCT22, SLB⁺21, SCL⁺23, WCG⁺21, ZLW⁺21, ZSL⁺22, ZHY24, ZWY⁺21]. **annotation** [KATS12]. **annotation-based** [KATS12]. **Annotations** [GCC⁺24b, IC14, ODE21]. **announcement** [SPAK10]. **Announcing** [Pez23]. **Anomalies** [ZHZ⁺21]. **Anomaly** [XAY23, YCG⁺24]. **Ansible** [RRPW21]. **Answer** [GXLG21, YHG⁺24]. **answering** [KM10]. **Anti** [MS22]. **Anti-patterns** [MS22]. **Apache** [FAP22, MFH02]. **API** [Arc19, ARG17, HSX⁺24, LLT⁺24, PDHR23, SIB23, UKR21, WJZ⁺23, XSA⁺24, ZWY⁺21]. **APIRec** [LLT⁺24]. **APIRO** [SIB23]. **APIs** [AG22, BLS⁺23, GZA24, HCJ⁺24, LZF⁺24, MZA22, SPK14, ZA22,

ZBA23, ZA23, ZAL⁺23]. **Apollo** [KSFC24]. **App** [Cai20, CCH⁺21, GZX⁺22, HDG⁺24, JZL⁺19a, NPB22, WCG⁺21]. **APPL** [SHO95]. **APPL/A** [SHO95]. **Applicability** [RFR23]. **Applicable** [VHNF22]. **Application** [DBDS94, LWC⁺23, MFLL12, MS15, SZZ⁺23, ZE14, LH02]. **Application-level** [LWC⁺23]. **Applications** [CGPP15, DG17, ETM22, GTD21, KAT12, LCL⁺23, MBH⁺17, NBB15, PBC24, YXM⁺23, Yu23, ZOH21, BM07, BCFM06, CPPRM03, CDP04, GGLT07, MZ09, MGMM11, PWX14, PBCT10, SS06, WGS07, XM07]. **Applying** [FLM⁺98, FTF22]. **Approach** [ASNB19, BCGB21, BZSW14, BMM⁺17, BLBB23, BSA22, CLL⁺22, CSW21, DL11, FDC⁺21, GXSC21, HZZ⁺14, HB22, JS23, MFLL12, LDUD13, SMBO21, SDG⁺24, TG24, TCDZ19, WI23, YB20, YBL13, ZSL⁺13, ZLL⁺23, ZZC⁺23, CTCC98, CRST12, CPPRM03, DFB99a, DFB99b, DvdHT05, DPT13, DF94, FK96, FPB⁺05, Hen97, LASL13, MZ09, OHDB92, QRLV12, TD01, ZZL⁺06]. **Approaches** [ABC⁺22, AFPB24, PKMY24, XL20, ZLP⁺24, YHC13]. **approximation** [JGB12]. **Apps** [CCH⁺21, HHC⁺24, LVBBC⁺18, MCKG24, MA24, PLP⁺23, RMCT22, SLB⁺21, SCL⁺23, ZSL⁺22, ZHY24]. **APTL** [WME93]. **Arachne** [SKY23]. **Architecting** [BCD02, YBZK21]. **Architectural** [CSW21, MFLL12, AG97, AG98, LWF03, RVMRM04]. **Architecture** [AMGBK22, BNB14, HWH14, QWG⁺23, SMBK22, YHG⁺24, ZCT18, AAG95, BCC92, DvdHT05, GL14]. **Architecture-centric** [HWH14]. **Architecture-Implementation** [ZCT18]. **Architecture-Level** [BNB14]. **Architecture-Oriented** [QWG⁺23]. **Architectures** [SBMK21, MRRR02]. **ArchRepair** [QWG⁺23]. **ARCTURUS** [ZHXX24]. **Area** [LWD⁺24]. **Aria** [DRW96]. **Arithmetic** [GXSC21]. **Array** [NKWF14]. **artifact** [DFOT07]. **ASM** [BZSW14]. **Aspect** [Jac95a, SXX⁺24, DR10, HE13, KF07, RS09, SGR⁺10]. **aspect-** [RS09]. **Aspect-level** [SXX⁺24]. **aspect-oriented** [DR10, HE13, SGR⁺10]. **AspectJ** [HZS08, MHK11]. **Aspects** [GCX⁺22, HGHM23, RSBO23, SZH⁺19, BTI14]. **Aspirations** [CL23a]. **Assembly** [AM04, WMW⁺23]. **Assessing** [ACF97, CM23, Cai20, CXH23, RST⁺14, VBZ⁺18, YHL⁺22, ZWL⁺24]. **Assessment** [CCRZ23, CMM⁺15, CSFB24, HAY⁺23, LWWM22, GJ08, PJRR10, SR05, Wey96]. **assigned** [BHL11]. **Assignments** [AFY⁺22]. **assistance** [GN93]. **assume** [CAC08]. **assume-guarantee** [CAC08]. **Assumptions** [HGW⁺16, IWY00]. **Asteria** [YDX⁺24]. **Asteria-Pro** [YDX⁺24]. **ASTOOT** [DF94]. **Atomic** [Liu22]. **Atomicity** [MWP⁺21]. **aToucan** [YBL15]. **Attack** [WWZ⁺22, YXM⁺23, ZCL⁺24, LLZ⁺24]. **Attacks** [AMGBK22, EWS14, GSC24, PBC24, WCB⁺20]. **attribute** [KK93]. **Attributes** [RFR23, GL14]. **Augmenting** [DPB17, GCX⁺22]. **Author** [Ano96, TAW95]. **Autoencoder** [CCX⁺20]. **Autoencoders** [KFY24]. **Automated** [Arc19, AG20, ASNB19, BLBB23, CSW21, DZV⁺23, Egy02, EMM24, FA14, FSM⁺15, FNT⁺24, GYY⁺24, GM01, GN93, HJL96, HAB⁺20, HSC⁺24, HCW⁺22, HDG⁺24, HGX⁺24b, JO15, KSFC24, LKRF22, DGD⁺19, LZL⁺23, MZA22, MS14, NPB22, PGZ⁺20, RR23, RKBL19, STDB23, STGR21, SIB23, TZZ⁺23, TM14, WB13, WC23, XHL⁺24, YLM⁺23, YBL15, ZFM⁺24, ZSL⁺22, ZSW⁺22, ZWT⁺24, ZH24, BGO⁺14, CS12, CAC08, FN03, FRB⁺06, TBS92, XM07, XM08]. **Automatic** [BAJA23, CGPP15, CF03, DSV03, MGTR18, NBMK22, UKR21, BRRP05, DO93]. **Automatically** [CMM⁺15, CDKP21, FFM24, LZF⁺24, Mem08, YJW⁺20, LS13].

Automating [GZX⁺22]. **Automation** [NAF⁺23]. **Automaton** [EM18].
Autonomous [AMV23, FDC⁺21, GGPR24, LKA⁺23, NA24, SER24]. **Autoregressive** [LFL⁺24]. **Autotuning** [ZHC24]. **Avoiding** [Hie06]. **Aware** [HAY⁺23, HGC⁺22, HQM⁺23, KAT12, LWWM22, MS15, QHM⁺23, TZW⁺24, VLJ⁺18, WYW⁺22, CYA22, DFB99a, DFB99b, HZB⁺24, MGMM11, PKMY24, WYMW20, WXL⁺21, WMW⁺23, ZMC⁺24]. **Awareness** [BPD⁺24, PHS⁺24, SZZ⁺23].

B [SB06]. **back** [Not13]. **Backdoor** [MRO⁺23, SLWZ24]. **Bad** [NMA⁺23, SWW⁺24]. **Barriers** [GGHM24]. **Based** [AB12, ARL⁺15, ASMP16, AFHC22, BMM⁺17, BC23, CLL⁺22, CYM⁺24, CZW⁺24, DDE11, DTC⁺24, EMM24, FFM24, GZX⁺22, GYY⁺24, GGZ⁺15, GCH⁺24, JZL⁺19b, KS22, KCMS24, LXL⁺22, LHX21, MWP⁺21, MFBF⁺22, OKS⁺16, SMBO21, SGD15, SNM23, SKY23, SVDHB23, TLP⁺22, TSPRC18, WB13, WPX⁺23, WJZ⁺23, XHL⁺24, XLD⁺24, YXK⁺17, ZTP⁺23, ZA22, ZAL⁺23, ZLW⁺21, ZWY⁺21, AAP⁺20, AG22, ABC⁺22, AVAS23, AFPB23, AFPB24, BGdV92, BCTW96, BLBB24, BT22, CCS24, CMP13, CDSM10, CY11, CCX⁺20, CL23b, Cia93, CMCP⁺99, CPPRM03, CW98, CZ19, DLP⁺24, DBGU13, DBPU13, FPBS23, GGGU21, GHX⁺24, GCC⁺24a, Ham09, HLX23a, HAB13, JWC⁺24, KFY24, KATS12, KKLS02, KKP⁺22, Kip92, KK04, Kuh99, LY05, LH08, LHW⁺24, MMST14, Mem08, MB07, MS03, MG00, MPF14, NLR11, NAF⁺23, OPK⁺21, PBO07, PZS⁺20, PBC24, QNR13, RXX⁺19, RSC⁺24, RKBL19, SLWZ24]. **based** [SS06, SGE00, SB02, Sne96, TZZ09, TPT13, THHB06, TD01, TK02, UKM04, WAF00, WXL⁺21, WSG⁺23, WI23, WNN⁺24a, WNN⁺24b, XM07, XCKX13, XAY23, XL20, YDX⁺24, YCG⁺24, YXZ⁺23, YHC13, ZYL⁺23, ZZC⁺23, ZFM⁺24, ZZX⁺21, OHDB92]. **Baseline** [SP18, WOM15]. **Bash** [DLT⁺23]. **basis** [AG97, AG98]. **Battling** [LZS⁺24]. **Bayesian** [FTF22, PLM15, SMY19]. **BDD** [LH08, ZZC⁺23]. **BDD-based** [LH08, ZZC⁺23]. **Be** [CL23b]. **Behavior** [FDB⁺12, DDGR18, MAKM22, SS02, DBGU13, LK14, MG00, PP93, UKM04]. **Behavior-consistent** [SS02]. **Behavioral** [CZ19, GLFW22]. **Behaviors** [TZW⁺23, IWY00]. **Behaviour** [CCS24]. **Being** [RHV24, RHvB24]. **Belief** [BMC⁺23]. **benefits** [LH08, MC08]. **Best** [TLL⁺23]. **Better** [CCW⁺23, LWWM22, YB20, ZLP⁺24]. **between** [CXH23, Gun00]. **Beyond** [CZW⁺24, GWD⁺21, WYC⁺24]. **Bias** [CZSH23, HDKM23]. **Biases** [YLM⁺23]. **Big** [LGC⁺23]. **Bilevel** [SKBD14]. **Binaries** [JPS22, LWD⁺24]. **Binarized** [ZZC⁺23]. **Binary** [DGZ24, JFJ⁺23, YXX⁺23, YDX⁺24, ZHXZ24]. **Biofeedback** [FHS⁺24]. **BIP** [ABB⁺18]. **Bird** [CM23, JPS22]. **Black** [AFPB23, CCW⁺23, PGZ⁺20, RMCT22, CTCC98]. **Black-box** [AFPB23, PGZ⁺20, RMCT22, CCW⁺23]. **Blindspots** [BLS⁺23]. **Bloat** [NWB⁺18, XMA⁺14]. **Block** [QWG⁺23]. **Block-Level** [QWG⁺23]. **Blockchain** [AMGBK22, ASJA23, PORH23, YBZK21, ZOJH21]. **Blockchain-Powered** [ZOJH21]. **Boa** [DNRN15]. **Bookkeeping** [HSB⁺23]. **Boolean** [CCX11, KB07]. **Boosting** [CS22, GXLG21]. **Bootstrap** [SMY19]. **Bot** [KCMS24, RCAH23]. **Both** [TLL⁺23]. **bound** [CM08]. **Boundaries** [CSV13]. **boundary** [Hie06]. **Bounded** [PMS13]. **Box** [ZAL⁺23, AFPB23, PGZ⁺20, RMCT22, CCW⁺23]. **Brain** [VBZ⁺18]. **Breaking** [BKHT21, CAC08, VCP⁺23]. **Broke** [VCP⁺23]. **Brutus** [CJM00]. **Buddy** [ZWGX22]. **Budget** [SMBO21]. **Bug**

[AFHC22, CUHH24, KKP⁺23, LRCS14, LASA24, SNM23, TWB⁺19, ZHV⁺23, ZSL⁺22, AM11, CSX08]. **Bug-Fixing** [TWB⁺19]. **Bug-report-driven** [KKP⁺23]. **Bugginess** [GLL⁺23]. **Bugs** [AMS⁺18, CLS⁺23, CCVLW23, CCXZ23, DLT⁺23, ZSL⁺13, ZCW⁺24, Jac95a]. **Build** [JS23, MAL24]. **Building** [CCH⁺24, ELN⁺92, JCNS24, OFS24, WWZ⁺22, KKLS02]. **Business** [LDUD13, DCS09, ODV⁺09]. **Bytecode** [SVDHB23].

C [BCGB21, CWM⁺20, DLRA15, SRTR17]. **C/C** [BCGB21, DLRA15]. **Cache** [WCB⁺20]. **Caching** [TZD⁺24]. **CafeOBJ** [RO18]. **Calculus** [EW11, DSV03]. **Call** [ARL⁺15, ARG17, MNGL98]. **calls** [BHR95, MM13]. **Can** [CL22, CL23b]. **capabilities** [TS09]. **capability** [Kuh99, TK02]. **Cardinality** [CSFB24]. **Cars** [BKD⁺23]. **Case** [Arc19, AVAS23, CCW⁺23, CXH23, EM15, FTF22, GGHM24, HZZ⁺14, KSFC24, OKS⁺16, RFR23, RPT⁺22, SMBO21, SMBK22, YBL15, ZOJH21, ZAL⁺23, ZMM⁺16, BJMH02, CD98, DO93, HAB13, MFH02, PSV01, SCK13, TBS92, YBL13]. **Cases** [BKD⁺23, CMM⁺15, IC14, TLP⁺22]. **Catalog** [YBZK21]. **Categorical** [BLBB23]. **Category** [CXH⁺21, YKY⁺23]. **Causal** [FTF24]. **Causality** [CFP⁺24, GGPR24]. **Causality-driven** [GGPR24]. **Causing** [NL11]. **centered** [ACF97, CDFG96]. **Centralised** [Hie14]. **Centrality** [ZCT18]. **centred** [LASL13]. **centric** [HWH14]. **Certificate** [NWZ⁺23, TCDZ19]. **Certification** [HML23]. **CFL** [LHX21]. **CFL-Reachability-Based** [LHX21]. **chaining** [FK96]. **Chains** [CCH⁺24, GHXZ24]. **Challenge** [XCS⁺22]. **Challenges** [MKR⁺23, NKL⁺24, PHS⁺24, SLWZ24, XVN22, YXL⁺22]. **Challenging** [SER24]. **Change** [AHGZ23, LWWM22, YQTR15]. **Changes** [BKHT21, DR11, DPB17, GLH⁺24, VCP⁺23, WHP⁺23, PSV01]. **Channel** [EWS14, GSC24, KJHY22, GZSW19]. **Characteristics** [JCSA23, CF10, SM12]. **Characterization** [DZV⁺23, SGHM23]. **Characterizing** [GHXZ24, LMY⁺24, LLCW⁺24, XLW⁺22, YHXY24, ZCW⁺24]. **Charts** [RGS12]. **Chat** [SZZ⁺24]. **Chatbot** [CLMPS⁺24]. **ChatGPT** [LLCW⁺24]. **ChatGPT-Generated** [LLCW⁺24]. **Chats** [CDKP21]. **Checker** [MWP⁺21, WYMW20, SGE00]. **Checkers** [LZL⁺23]. **Checking** [ALMS22, BHB16, CK99, DPRO23, EBE⁺14, DDGR18, ZZW⁺23, dFLSV14, BS07, BRRP05, BGL00, CDEG03, Esh06, FM94, FGMP03, HJL96, IWY00, JGB12, KATS12, KF07, NEFE03, PBO07, PMS13, SGL12, SMAC08, WGS07, XCCY10]. **checkpoint** [CY11]. **Chef** [RRPW21]. **Chief** [Pez19d, Ros19]. **Choice** [EW11]. **Choices** [HDKM23, XSA⁺24]. **Cities** [FSZ⁺22]. **Class** [AB23, DLY⁺23, PKMY24, BM13, CTCC98, CTC01, CCX11, Egy02, LY05, PPP94, ZXLC14]. **class-level** [CTCC98]. **Classes** [AB12, VCF21, GRT09, HRD08, KB07, Kuh99, Pon02, Tiw08, TK02]. **Classification** [WCG⁺21, DFB99a, DFB99b]. **Classifications** [TZW⁺23]. **Classified** [WCG⁺21]. **Classifiers** [CZSH23]. **Classifying** [ETM22, OSH04]. **cleanroom** [TBS92]. **Clematis** [ASMP16]. **CLFuzz** [ZMC⁺24]. **Client** [MS14, VCP⁺23, ZZW⁺23]. **Client-Specific** [ZZW⁺23]. **Client-State** [MS14]. **Clone** [DER10]. **Clones** [MZW⁺23, YHL⁺22]. **Closer** [ZWZ⁺24]. **Closure** [RSC⁺24]. **Closure-based** [RSC⁺24]. **Cloud** [LJL⁺20]. **Clouds** [LDM⁺24]. **cluster** [CTC01]. **Clustering** [AFPB23, AFPB24, CLMPS⁺24]. **Clustering-based** [AFPB24]. **Clusters**

[GHXZ24]. **cmath** [BCGB21]. **Co** [LSH23, MS22, SYL+23, VD13]. **Co-creation** [MS22]. **Co-evolution** [LSH23, SYL+23]. **co-installability** [VD13]. **coarse** [BRR01]. **coarse-** [BRR01]. **Code** [BUB23, BXX+20, BFFG19, BC23, BLS+23, CXH+21, DLSC23, DLT+23, DNRN15, FCG+24, FTF22, GXG+20, GGH+23, GXL+23, GLL+23, GHX+24, GCC+24a, GCH+24, HNRA20, HZBS14, HAB+20, HCW+22, HLX+23b, HXX+24, KS20, KKP+22, KJHY22, LLL+23, LLT+24, LWWM22, LLZ+22, LXL+22, LFL+24, LLCW+24, MB15, MZW+23, OSD+23, OKS+16, PZS+20, PGZ+20, PLM15, RR23, SKBD14, STDB23, SBBL23, SGR+15, SRTR17, SWW+24, SURL11, SED14, SYL+23, SFC+24, SZZ+23, WLS+20, WPX+23, XLD+24, XVN22, YJW+20, YKY+23, YFD+23, YXX+23, YDX+24, ZYZ+24, YHL+22, ZYL+23, ZE14, ZZS+22, ZLP+24, ZWT+24, LLZ+24, Dev99, DER10, FMMH+14, MPG+13, PRM01, RM07, SGG+14]. **Code-Comment** [YKY+23]. **Code-line-level** [GLL+23]. **Code-Smell** [SKBD14]. **Coded** [IC14]. **CodeEditor** [LLL+23]. **CodeMatcher** [LXL+22]. **Coding** [FTF24]. **Cognitive** [FDC+21, SHLW21]. **Cohesion** [AB12, CBRO16, CSC06, KK04, MB07]. **coincidental** [Hie06, MA14]. **Cold** [LWC+23]. **Cold-start** [LWC+23]. **Collaboration** [MS22, PLMC23, Sin10, SB02]. **collaboration-based** [SB02]. **collaborations** [HWH14]. **Collaborative** [TLJZ24]. **Collection** [TDL+24, TM14]. **Collective** [PWB23]. **Collegiate** [MAKM22]. **Colossal** [OBH24]. **Combat** [IRKY24]. **Combating** [NWB+18]. **Combatting** [LCL+23]. **Combinatorial** [NL11]. **Combined** [JS23]. **Combining** [DBNG15, Hie14, SMAC08, TLL+23, XZZL18]. **Come** [GLL+23]. **COMET** [LCT+23]. **Commands** [YZP+22]. **Comment** [CXH+21, GCH+24, HGD+23, WHP+23, YKY+23, ZZS+22]. **Commenting** [WHP+23]. **Comments** [Bre95, Pet97, WHP+23, ZWCH21]. **Commercial** [ZMM+16]. **Commit** [TZW+24, WXL+21]. **Commitments** [EBE+14]. **Commits** [HSC+24, ZSW+22]. **Common** [MGP+22]. **Communicating** [RAE+24, Bro93]. **Communication** [CCY+21, ZQS+23]. **Communities** [ZMM+16]. **Community** [DR15]. **Companies** [ZLT+22]. **Comparative** [HGD+23, BRR01]. **Comparing** [EMM24, Hie02, PSW+20, YHC13, XM07]. **Comparison** [WB13, ZA23, ZLP+24]. **Comparisons** [GGZ+15]. **Compatibility** [ZZW+23]. **Competition** [MAKM22]. **Competitions** [FTF24]. **Competitiveness** [YXK+17]. **Compilation** [MAL24]. **Compiler** [CS22, MHK11, ZHC24, DFG00]. **Complementary** [SLWZ24]. **Complete** [MWP+21, XL20]. **Completeness** [BLBB24]. **Completion** [LFL+24, MUB+23, PLM15, WYMW20, XSA+24]. **Completion-aware** [WYMW20]. **Complex** [BS16, MA24]. **Complexity** [Rus24]. **Component** [SEM17, YCG+24, BCC92, CMP13, Ham09, IWY00, VD13]. **component-based** [CMP13]. **components** [BO92, CFM00, DFB99a, DFB99b, ZW97]. **Composing** [BLW09]. **Composite** [BGL00, KDM17]. **Composition** [Ost99, QSZG24, Ham09, REM+04, ZJ93]. **Compositional** [GSC24, HGW+16, CK96, CK99]. **Comprehensibility** [SGR+15, SGG+14]. **Comprehension** [BC23, MTRK14, RST+14, OSH04]. **Comprehensive** [CZSH23, CZH+24, GLL+21, DvdHT05]. **Compressed** [TZW+23]. **Computational** [LLG23]. **Computing** [BPSSA+22, LJL+20, LWC+23, OHDB92, TC20, WCJL23, EF05,

FGL⁺12, MZ09, RMP97, XCCY10].
Concept [PGM12, Sne96]. **Concepts**
 [DG17, YXZ⁺23, MG00, SGL12].
Conceptual [OFS24, QT12, TZZ09].
Concerns [DZV⁺23, MVM07, RM07].
Concurrency
 [MQLR16, ZSL⁺13, DL13, YTL⁺95].
Concurrent [AGRR19, MNB⁺22, SDG⁺24,
 Cor00, DKM⁺94, DCCN04, HZZ13,
 MRK⁺97, PTY95]. **Condition** [LXW⁺24].
Conditional [EBE⁺14]. **Conditions**
 [IRKY24, TDL⁺24, KB07, SRK06]. **ConE**
 [MNB⁺22]. **Conference** [MP14].
Configurable [AMS⁺18, CGZ23].
Configuration [BNB14, BSOM24, CL23a,
 ELvdH⁺05, Gun00, Jéz99]. **Configurations**
 [OBH24, SYA21, ZKW⁺23a, ZKW⁺23b,
 Sne96]. **Configuring** [XZZL18]. **Conflict**
 [BFFG19, ZSHD20, FN03]. **Conflicts**
 [SGHM23]. **Conformance**
 [ZCT18, Ber94, LK14, PBO07, Pet97].
confounding [ZXLC14]. **Conjunction**
 [ZJ93]. **ConMem** [ZSL⁺13]. **connection**
 [AG97, AG98]. **connectors** [LWF03].
Consent [RBP23]. **Considered**
 [XCS⁺22]. **Consistency**
 [SEM17, HJL96, NEFE03, PBO07, XCCY10].
Consistent [LRL⁺22, SS02].
Consolidation [LDUD13]. **Constitutes**
 [BSOM24]. **constrained** [BM13, WRD⁺22].
Constraint [DBNG15, EMM24, GWD⁺21,
 SSB20, XCCY10]. **Constraints**
 [CZ19, DDMM22, MWK15, QT12, SGD15,
 CY11, CK96, OO92]. **Constructed**
 [LMY⁺24]. **constructing** [Hen97].
Construction [ARL⁺15]. **Constructs**
 [KS20]. **Consumption** [LVBBC⁺18].
container [XR13]. **Containers** [WWY⁺23].
containing [CFM00]. **Context**
 [CK96, GZW⁺23, GCH⁺24, HLX23a,
 KAT12, LWWM22, LHX21, SNM23,
 WXL⁺21, WYW⁺22, KGA⁺12, LH08,
 XCCY10, vdBV96]. **Context-** [WYW⁺22].
Context-Aware [KAT12, LWWM22, WXL⁺21].
context-free [KGA⁺12, vdBV96].
context-sensitive [LH08]. **Contexts**
 [ZLS⁺23]. **Contextual** [GZX⁺22].
Continuous [BZSW14, BK24, HMW23,
 JS23, SMBK22, ZTP⁺23]. **Contract**
 [GCC⁺24a, HLX⁺23b, YABLR20, ZOJH21].
Contracts [AGHC⁺22, ASJA23, CXLG22,
 GYY⁺24, HSB⁺23, MRO⁺23, YQTR15].
Contradictions [Pez24a]. **Contributions**
 [KCAS23]. **Contributor** [KCAS23].
Contributor-Abandoned [KCAS23].
Control
 [BHB16, CH21, HB22, KAS20, LYL⁺24,
 MSM⁺24, MCM24, VHNF22, BDL06, DL13,
 MMST14, MU00, SHR01, TBS92].
Control-flow [HB22]. **Controlled**
 [FSM⁺15, PSZ21, BFN⁺14]. **controllers**
 [DBPU13]. **controlling** [HGS93].
Convolution [YFD⁺23]. **Convolutional**
 [DLSC23, QSZG24]. **cookie** [TM14].
cooperative [HE13]. **Coordinating**
 [Cia93]. **coordination**
 [CFM00, MU00, MPR06, Tiw08]. **CORBA**
 [CPPRM03]. **CORBA-based** [CPPRM03].
Core [BAJA23]. **Core-Developer**
 [BAJA23]. **corners** [ZJ97]. **Correct**
 [TLL⁺23]. **Correctness**
 [AB23, LWWM22, TLP⁺22, Hie06, MA14].
Correlating [HCW⁺22]. **Correlations**
 [GL11]. **correspondence** [CW99].
Corrigenda [DFB99a]. **Cost**
 [CST16, FCLL21, NPB22, ZOJH21, ATW94,
 Bre95, REM⁺04, Wey96]. **Cost-Effective**
 [ZOJH21, FCLL21, NPB22, REM⁺04].
Cost-Effectiveness [CST16].
Countermeasures [EWS14, GSC24].
Coupling [CBRO16, KK04, MB07, Off92].
Coverage
 [DDS23, GRS⁺16, GGZ⁺15, GSYT21,
 LKA⁺23, LCT⁺23, MWK15, MB20,
 NWZ⁺23, PGZ⁺20, SVDHB23, WNN⁺24a,
 WNN⁺24b, XLW⁺22, ZHXZ24, YHC13].
Coverage-Based [GGZ⁺15, SVDHB23,

WNN^{+24a}, WNN^{+24b}, YHC13].
Coverage-directed [NWZ⁺²³].
Coverage-guided [LCT⁺²³]. **COVID**
 [FSZ⁺²², RHV24, RHvB24, MKR⁺²³].
COVID-19
 [FSZ⁺²², RHV24, RHvB24, MKR⁺²³].
CPU [MPR⁺¹³]. **Craftsmanship**
 [SGhWG22]. **Crash**
 [GWD⁺²¹, ZSL⁺¹³, ZSL⁺²²].
Crash-Triggering [ZSL⁺¹³]. **Crasher**
 [CSX08]. **Crayons** [CCVLW23]. **creation**
 [MS22]. **Criteria** [MWK15, MB20, OKS⁺¹⁶,
 PLMC23, TAA⁺¹⁹, Hie02, KSD08, XL20].
Critical
 [SER24, FPBS23, GM01, MS94, NA24].
Cross [LLZ⁺²², WSG⁺²³, ZYL⁺¹⁸, DCS09].
Cross-Language [LLZ⁺²²]. **Cross-modal**
 [WSG⁺²³]. **cross-organizational** [DCS09].
Cross-Project [ZYL⁺¹⁸]. **crosscutting**
 [SGL12, MVM07]. **Crowdtesting**
 [WYMW20]. **Crowdworker** [WYW⁺²²].
Crucial [BPSSA⁺²²]. **Cryptographic**
 [XSA⁺²⁴, ZMC⁺²⁴, DFG00]. **CSCW**
 [KAT12]. **CSP** [SLD⁺¹³]. **Curriculum**
 [XAY23]. **customizable** [Dev99]. **CVEs**
 [XCS⁺²²]. **Cyber**
 [CYA22, MSM⁺²⁴, MCM24, SGR⁺²³,
 XAY23, XTW⁺²³, ZTP⁺²³].
Cyber-Physical [MCM24, ZTP⁺²³,
 CYA22, MSM⁺²⁴, XAY23, XTW⁺²³].
Cycle [VCF21]. **Cycles** [OL22, SS02].
D [LDM⁺²⁴]. **Dahl** [Ano02]. **DAISY**
 [ZHS⁺²³]. **Dark** [MCKG24, ZJ97].
DARWIN [QRLV12]. **Data**
 [BHB16, BLBB23, BLBB24, CYA22,
 CCY⁺²¹, CTC⁺²³, CCXZ23, DPB17,
 DLY⁺²³, FTF22, FTF24, GSYT21, HPH23a,
 HPH23b, HGC⁺²², KDM17, LM24, LLS⁺²¹,
 NWB⁺¹⁸, NBB15, SSB20, TG24, TTL⁺²¹,
 ZHS⁺²³, BCC⁺⁰¹, BG98, CW98, FK96,
 For94, OSH04, TZZ09, WGG13].
Data-Driven [TG24]. **Data-flow**
 [CCXZ23]. **Data-Flow-Guided**

[HPH23a, HPH23b]. **Data-Intensive**
 [NWB⁺¹⁸]. **Database**
 [MWK15, CF03, PWX14, WGS07].
Databases [AG20]. **dataflow**
 [KSD08, HPH23a, HPH23b]. **Dataset**
 [YHL⁺²²]. **Datasets** [UGKR22]. **Date**
 [OL22]. **David** [Ros13b]. **DC** [GRS⁺¹⁶].
Deadlines [DBNG15]. **Deadlock**
 [ABB⁺¹⁸, DBDS94]. **Dealing** [BMC⁺²³].
Deallocation [CCXZ23]. **Debloating**
 [HLX23a, SVDHB23]. **Debt** [RXX⁺¹⁹].
Debts [GLL⁺²¹]. **Debug** [MWP⁺²¹].
Debugger [PBC24]. **Debugger-based**
 [PBC24]. **Debugging** [CMM⁺¹⁵, FPBS23,
 FSP⁺¹³, JO15, MQLR16, ZNZ⁺²³, AM04,
 HRD08, OSH04, PBC24, QRLV12].
Deceiving [KFY24]. **Decentralized**
 [EHF20, ML00]. **Deciding** [SGD15].
Decision
 [HGW⁺¹⁶, JWC⁺²⁴, KDM23, XLW⁺²²].
Decision-making [KDM23]. **Decisions**
 [AMGBK22, LLS⁺²¹, SGR⁺²³, AM11].
Decompiled [DLY⁺²³]. **Decomposition**
 [BSA22, CCRZ23]. **decoupling** [BTI14].
deduction [FS93]. **deductive** [GM01].
Deep [BT24, CYA22, CWW⁺²⁰, CWM⁺²³,
 CLS⁺²³, CWH⁺²¹, GHXZ24, GHX⁺²⁴,
 HGC⁺²², HGX^{+24b}, HZB⁺²⁴, JYZ⁺²⁴,
 KFY23, LCT⁺²³, LLSM22, LGX⁺²²,
 LGC⁺²³, LHW⁺²⁴, MPT⁺²¹, MZW⁺²³,
 NBMK22, QWG⁺²³, RMCT22, SKY23,
 WXL⁺²¹, WYC⁺²⁴, WCP⁺²², WWAC23,
 WT24a, WT24b, XLW⁺²², XLD⁺²⁴,
 YDX⁺²⁴, YHL⁺²², ZFL⁺²², ZHY24,
 ZXS⁺²⁴, ZZS⁺²², ZLP⁺²⁴, ZRGT23,
 ZZX⁺²¹, LLZ⁺²⁴]. **DeepPatch** [WWAC23].
DeepWukong [CWH⁺²¹]. **Defect** [FAP22,
 GLH⁺²⁴, KS20, NXL⁺²², ZYL⁺¹⁸, SM12].
Defective [VCF21]. **Defects**
 [AVY11, AHGZ23, FAP22, VCF21].
Defined [FFM24, OSB24]. **Defining**
 [TG23]. **deGraphCS** [ZYL⁺²³]. **Degree**
 [FMMH⁺¹⁴]. **Degree-of-knowledge**
 [FMMH⁺¹⁴]. **Delivery** [GJS⁺²³, ZTP⁺²³].

Delta [HT98, HVT98]. **DeltaDroid** [GJS⁺23]. **Demystifying** [SCL⁺23]. **Denoising** [BXX⁺20, TZW⁺24]. **Depended** [VCP⁺23]. **Dependence** [FCLL21, PXJ17, Di197, SHR01, SRK06]. **dependences** [Jac95a, OSH04]. **dependencies** [BGO⁺14, Gun00, Rob08]. **Dependency** [JCSA23, RCAH23, SEM17, CY11, GL14]. **dependency-based** [CY11]. **dependency-driven** [GL14]. **Deployed** [AVY11]. **Deployment** [BSOM24]. **Depth** [XCS⁺22, SBBL23, ZXLC14]. **Derive** [YBL15, XM08]. **derived** [IWY00]. **Description** [Bjø19, DvdHT05, DJ97]. **Descriptions** [GCX⁺22, JZL⁺19a, YXZ⁺23, AAG95, BAD08, WJ10]. **descriptors** [DER10]. **DESEN** [KAS20]. **Deserialization** [SBBL23]. **Desert** [Rei99]. **Design** [AROK21, AMGBK22, BPD⁺24, BPT10, CCX⁺20, EK11, HDKM23, KDM23, LSN⁺23, LSBN24, Liu22, DDGR18, MFLL12, RAE⁺24, SGR⁺15, TG24, BM07, BO92, BRRP05, BFN⁺14, CSC06, CR94, FBC⁺13, FP02, GGLT07, LL00, MRK⁺97, RS09, SS06, SB06, SGR⁺10, YTL⁺95, ZB13]. **Design-Pattern** [SGR⁺15]. **Designers** [CZ19]. **Designing** [BCC⁺01, DL11, XM07, CPPRM03]. **Designs** [CLMPS⁺24, SB02]. **Destruct** [CXLG22]. **Detect** [CSB⁺24, ZCL⁺24]. **Detecting** [AVY11, CWH⁺21, CCXZ23, GCX⁺22, LWD⁺24, LZF⁺24, DDGR18, MM13, SZZ⁺24, WCB⁺20, YHXY24, YHL⁺22, ZSL⁺13, ZCW⁺24, Jac95a, LS13]. **Detection** [Cai20, CL22, CCY⁺21, EKL⁺19, GHM18, JPS22, LRCS14, MNB⁺22, MS14, NBMK22, RD15, RXX⁺19, SKBD14, SLWZ24, SXX⁺24, SZZ⁺23, UGKR22, WWZ⁺22, XMA⁺14, XAY23, XGF⁺23, YXX⁺23, YDX⁺24, YCG⁺24, YXM⁺23, ZAW92, ZFL⁺22, ZHV⁺23, ZLW⁺21, ZCL⁺24, ZMC⁺24, ZZL⁺24, ZWY⁺21, LLZ⁺24, FN03, Kuh99, SMT92, TK02, XR13]. **Detector** [ZZX⁺21]. **Detectors** [CZW⁺24]. **determination** [OLR⁺96]. **deterministic** [HT17]. **Developer** [BFFG19, BAJA23, CDKP21, CCY⁺21, EHEZ21, GGHM24, KS22, SZZ⁺24, SHLW21, WFW⁺20, CF10, FMMH⁺14, Sin10]. **Developers** [CXH23, FSZ⁺22, NMA⁺23, NKL⁺24, PZS⁺20, PLZ⁺22, RHV24, RHvB24, YZP⁺22, ZWCH21]. **Developing** [BPD⁺24, HRD08, TAA⁺19, ZJW03, ZOJH21, MGMM11]. **Development** [BFFG19, BSA22, CFL⁺16, GTD21, KRM24, KCMS24, LKRF22, LCS⁺22, LSB⁺23, MNB⁺22, MKR⁺23, MS15, PDHR23, RFDS24, SMY⁺24, TG23, ZCT18, AM11, DvdHT05, EAS08, ELN⁺92, GJ08, KK93, MFH02, PSV01, SCK13, Tiw08]. **development-oriented** [AM11]. **Deviated** [TZW⁺23]. **deviations** [CDFG96]. **device** [HHC⁺24, HDKM23]. **Devices** [LZS⁺24]. **diagnosis** [NLR11]. **diagram** [BP05]. **Diagrams** [AB23, BM13, Egy02, Esh06, LK14]. **DiaPro** [CST16]. **Differ** [JA22]. **Differentiable** [FYW24]. **Differential** [LHW⁺24, MQLR16, NWZ⁺23, TCDZ19]. **DIG** [NKWF14]. **Digital** [XAY23]. **Digraphs** [EM15]. **Dijkstra** [Ano02]. **DinoDroid** [ZHY24]. **DIRE** [DLY⁺23]. **Directed** [SDLC23, YPRK14, NWZ⁺23]. **discipline** [KLV05]. **Discoverability** [ACSA23]. **Discovering** [CW98, GL11]. **Discovery** [Böh18, SPK14, ZHS⁺23, ZZW⁺23, GL14]. **Discrepancies** [SXX⁺24]. **discrete** [Ost99]. **Discrimination** [ZSWS23]. **Discussions** [EHEZ21]. **Disengagement** [GHXZ24]. **Dissecting** [FMMB23b, FMMB23a]. **Distinguishing** [HT17]. **Distributed** [BLX⁺20, DDI22, FCLL21, GTD21, Hie14, LGC⁺23, TG11, WME93, KK93, MU00]. **Distribution** [DDS23, HGC⁺22, HZB⁺24, TS09].

Distribution-Aware [HGC⁺22, HZB⁺24]. **Diversifying** [MJS⁺21]. **Diversity** [XHL⁺24, HAB13]. **DNN** [FPBS23, HGX⁺24a, SLWZ24, TZW⁺23]. **DNN-based** [FPBS23, SLWZ24]. **DNNs** [AFPB23, AFPB24, KFY24]. **Do** [CMM⁺15, CXLG22, CL23a, JA22, LYCY14, PLZ⁺22, SURL11, YZP⁺22, ZWL⁺24, CAC08]. **Docker** [RSBO23]. **Dockerfile** [ZZL⁺24]. **Documentation** [CXH23, HCW⁺22, UKR21, TBS92]. **Documenting** [SGR⁺15]. **documents** [SMT92]. **Does** [CXH⁺21, FSM⁺15]. **Domain** [ASNB19, Bjø19, BMC⁺23, FCG⁺24, HZS08, OFS24, YDX⁺24, ZE14, ZH24, BJMH02, BAD08, Hie09, JW94, SS06, ZAW92]. **Domain-Specific** [OFS24, HZS08, BJMH02, SS06]. **domain-testing** [JW94]. **Domains** [GHXZ24, Hie02]. **Done** [PORH23]. **Dormant** [FAP22]. **Double** [For94]. **DRIVE** [ZZL⁺24]. **Driven** [CCRZ23, CLBY18, DG17, FFM24, PVHW17, TG24, BDL06, GL14, GGPR24, GTD21, KKP⁺23, NPB22]. **Driving** [GGPR24, KSFC24, LKA⁺23, SER24, TZZ⁺23, BKD⁺23]. **DSD** [CSX08]. **DSD-Crasher** [CSX08]. **Dual** [CL23a, SNM23]. **Duplicate** [WYMW20, ZHV⁺23]. **Duplication** [ZLW⁺21, DER10]. **During** [MKR⁺23, FHS⁺24, FSZ⁺22, NKL⁺24, RHV24, RHvB24]. **DynAlloy** [FPGA07]. **Dynamic** [CST16, CYM⁺24, FCLL21, GJS⁺23, HB22, HSX⁺24, HCJ⁺24, KMYK19, LZS⁺24, DDGR18, NKWF14, PXJ17, PSW⁺20, RSC⁺24, XMA⁺14, ZHS⁺23, CY11, DR10, FC00, FPB⁺05, GSH97, PJRR10]. **Dynamic-Analysis-Induced** [ZHS⁺23]. **Dynamic-typed** [HCJ⁺24]. **dynamically** [WGSD07]. **Dynamics** [BSA22, KCAS23]. **Dynamite** [MPF14]. **E3** [JPL98]. **Eagle** [LHX21]. **Early** [CM23, CCS24, KDM17, KDM23]. **EASE** [PKMY24]. **Easier** [CMM⁺15]. **Easy** [WWJ⁺24, ZWCH21]. **Ecosystem** [ZWZ⁺24]. **Ecosystems** [BKHT21]. **Edit** [LLL⁺23, MNB⁺22]. **editing** [BGdV92]. **Editor** [Pez19d, Ros19]. **Editor-in-Chief** [Pez19d, Ros19]. **Editorial** [DR15, GMRS03, Ghe05, Ghe07, Not07a, Not07b, Not07c, Not08a, Not08b, Not09, Not10, Not12, Not13, OGKW05, Pez19d, Pez19a, Pez19b, Pez19c, Pez20a, Pez20b, Pez21, Pez22, Pez24a, Pez24b, Ros13a, Ros14c, Ros14a, Ros14b, Ros16, Ros17, Ros18a, Ros18b, Ros19, Pez23]. **Edsger** [Ano02]. **Education** [SMY⁺24]. **Effect** [GRS⁺16, HZBS14, JFJ⁺23, RST⁺14, ZSL⁺13, Off92, Sin10, ZXLC14]. **Effect-Oriented** [ZSL⁺13]. **Effective** [DGZ24, FYD⁺08, RD15, ZOJH21, ZBA23, ZRGT23, CF10, FCLL21, Hen97, NPB22, REM⁺04]. **Effectiveness** [CST16, CMM⁺15, GRS⁺16, MWK15, ODE21, UGKR22, VR23, ZWL⁺24, CM08]. **Efficiency** [CMM⁺15, LH02]. **Efficient** [AGRR19, AVY11, CWW⁺20, EMM24, FPGA07, HSB⁺23, HQM⁺23, LYL⁺24, LSX⁺24, QHM⁺23, SRK06, WT24a, WT24b, ZRGT23, ZWGX22, ZNZ⁺23, dFLSV14, RH97]. **Efficiently** [DL11]. **Effort** [KS22, PKMY24, SP18, SMY19, WOM15, AM11, BM07, GJ08, MY13]. **Effort-aware** [PKMY24]. **Eight** [Pez24b]. **elaboration** [UKM04]. **Element** [NAF⁺23]. **Elephant** [YLM⁺23]. **Elevator** [HAY⁺23]. **Eliciting** [JPL98]. **Elite** [WFW⁺20]. **Embedded** [BNB14, LZS⁺24, MFLL12, GGLT07]. **Embedding** [LWWM22, WMW⁺23, XSA⁺24, YFD⁺23, ZYL⁺23]. **Embeddings** [DLSC23, ETM22, TLL⁺23]. **Emergent** [LBZ14]. **Emoji** [CCY⁺21]. **Emoji-powered** [CCY⁺21]. **Emotion** [CCY⁺21]. **Empathy** [GGHM24]. **Empirical** [AROK21, AAP⁺20, BYTS23,

BSOM24, CWM⁺²⁰, CZSH23, CL23a, EHEZ21, FSM⁺¹⁵, FTF22, FTF24, GLL⁺²¹, HGC⁺²², KCMS24, LLSM22, LASA24, LLS⁺²¹, MBH09, ODE21, PORH23, RSBP23, RWEB19, SST24, TWB⁺¹⁹, UGKR22, VCP⁺²³, VLJ⁺¹⁸, WYC⁺²⁴, YXK⁺¹⁷, ZHO⁺¹⁸, ZLP⁺²⁴, BM07, BGH07, GHK⁺⁰¹, HT98, HVT98, MB07, MC08, MNGL98, SR05, Tiw08]. **Empowered** [CCH⁺²⁴]. **Emulation** [DDI22, ZHXZ24]. **emulators** [MPR⁺¹³]. **Enable** [ZBA23]. **enabled** [VTA04]. **Enabledness** [DBGU13, GGGU21]. **Enabledness-based** [DBGU13, GGGU21]. **Enablers** [GGHM24]. **End** [ZSL⁺²², Dev99, LASL13]. **End-to-End** [ZSL⁺²²]. **end-user** [LASL13]. **Energy** [LCL⁺²³, LVBBC⁺¹⁸]. **Engagement** [FHS⁺²⁴]. **Engineer** [WI23]. **Engineered** [TLL⁺²³]. **Engineering** [AAP⁺²⁰, BPD⁺²⁴, CL22, CCS24, CL23b, DG17, DL11, DR15, FTF22, FTF24, GLFW22, HGHM23, LGX⁺²², LGC⁺²³, MFBF⁺²², MBH⁺¹⁷, MP14, OKS⁺¹⁶, Pez24a, RAE⁺²⁴, Rus24, STS⁺¹⁸, SF18, UGKR22, WFF⁺¹⁹, WCP⁺²², YXL⁺²², ACF97, CDP04, ELvdH⁺⁰⁵, KLV05, LASL13, RSB05, SR05, TBS92, UFG14, XL20, ZJ97]. **Engineering-related** [HGHM23]. **Engineers** [PLMC23, HBB⁺⁰⁹]. **Engines** [SURL11]. **Enhanced** [JWC⁺²⁴, YXM⁺²³, SS06]. **Enhancement** [HGC⁺²², ZFL⁺²²]. **Enhancing** [AG22, YDX⁺²⁴, TS09]. **Enough** [CBRO16, MCB⁺²³]. **Enriched** [HLX^{+23b}]. **Ensemble** [UGKR22]. **Ensuring** [SEM17]. **Entity** [HSX⁺²⁴]. **Entry** [BLBB23, BLBB24]. **Enumerating** [XFS⁺²⁴]. **environment** [ATW94, Bre95, FGMP03, Kli93, MRK⁺⁹⁷, Rei99, RVMRM04, SN92, TY92]. **Environments** [BKD⁺²³, ACF97, DHW98, ELN⁺⁹², KK93, Kli93, MGP⁺¹³, PJRR10, PWD⁺⁹⁹]. **equations** [BRG⁺⁰¹, KGA⁺¹²]. **Equivalence** [LH02, MGTR18, DSV03]. **Equivalent** [LCZL14, XFS⁺²⁴]. **Era** [LGC⁺²³]. **ERC** [MRO⁺²³]. **Errata** [AG98]. **Error** [TG24, Kuh99, TK02]. **errors** [TD01, ZAW92]. **ESP** [Cia93]. **Essential** [SLB⁺²¹]. **estimates** [GJ08]. **Estimating** [GLH⁺²⁴, LLLM23, LSN⁺²³, MB15, PBU16, BM07]. **Estimation** [CWW⁺²⁰, KS22, LSBN24, PMM⁺⁹⁹, SP18, WOM15, ZFL⁺²², MY13, TZZ09]. **Estimator** [KS20]. **Ethereum** [ASJA23, CXLG22, MRO⁺²³, PORH23, WWZ⁺²², ZOJH21, ZCZ⁺²³]. **Ethics** [PHS⁺²⁴]. **Evaluate** [KDM23, MGP⁺¹³]. **Evaluating** [KFY23, LH08, TAA⁺¹⁹, WGG13]. **Evaluation** [AAP⁺²⁰, FMMB23b, FMMB23a, FA14, HCW⁺²², KDM17, MS15, RWEB19, SBMK21, SMBK22, YLM⁺²³, YCG⁺²⁴, YHL⁺²², ZWL⁺²², CAC08, DBDS94, KK93, MBH09, XCKX13]. **evaluations** [SM12]. **Event** [ASMP16, BCTW96, CW98, DBPU13, Mem08]. **Event-Based** [ASMP16, BCTW96, CW98, DBPU13]. **Events** [FPBS23]. **every** [LYYC14]. **Evolution** [Cai20, DR11, DKD21, KDM23, OSD⁺²³, LSH23, RM03, RVMRM04, SN92, SYL⁺²³, THHB06, WGG13]. **Evolutionary** [HLL⁺¹⁶, YB20, Hen97, MBH09]. **evolvability** [CS12]. **Evolving** [OSD⁺²³, DCS09, QRLV12]. **EvoMaster** [Arc19, ZA22, ZAL⁺²³]. **EvoSuite** [FA14]. **Exact** [HKMB⁺¹⁴, LXS⁺²⁴]. **Examination** [ZYL⁺¹⁸]. **Examining** [MAKM22]. **Example** [LKRF22, WWJ⁺²⁴]. **Examples** [BS16, ZCL⁺²⁴]. **Exception** [CMP13, ZE14, RM03]. **Executables** [AEK⁺¹⁶]. **Execution** [CPCT21, KPC18, SBBL23, TDT⁺²², WCB⁺²⁰, YPRK14, AM04, Dil93, DHW98, SMAC08]. **Executions** [BLX⁺²⁰, EM18, PSW⁺²⁰]. **Exhaustive** [HML23]. **Existing** [AG22]. **Expansion** [GCH⁺²⁴]. **experience**

[CMCP⁺⁹⁹, YTL⁺⁹⁵]. **Experiential** [SMY⁺²⁴]. **Experiment** [OL22, PSZ21, BFN⁺¹⁴]. **Experimental** [CMM⁺¹⁵, DO93, DBDS94, OLR⁺⁹⁶, SMT92]. **Experiments** [SGR⁺¹⁵, Ham09, YBL13]. **expert** [CF10, Kip92]. **Explainability** [LTLL24, RXX⁺¹⁹]. **Explainable** [WPX⁺²³]. **Explaining** [CZW⁺²⁴, JCNS24, NA24]. **Explanation** [FPBS23]. **Explicit** [BHB16]. **Explicit-Data** [BHB16]. **Exploiting** [CGPP15]. **Exploits** [SBBL23]. **Exploration** [CS22, ZRGT23, QNR13]. **Explorations** [PBU16]. **Exploratory** [GZW⁺²³, TTL⁺²¹]. **Exploring** [CCW⁺²³, MZW⁺²³, RCAH23, SLWZ24]. **Exposing** [LBZ14]. **expressions** [KGA⁺¹²]. **Expressive** [TG11, BLW09, WJ10]. **Extended** [EM15, EM18, ZE14, LY05]. **extensibility** [BJMH02]. **Extensible** [TG11]. **Extension** [PKMY24]. **External** [GL14]. **Extracting** [KM10, MA24]. **Extraction** [ASNB19, AFPB23, ASJA23, BXX⁺²⁰, GWD⁺²¹, HSX⁺²⁴, YXZ⁺²³, MN96]. **Extractive** [SFC⁺²⁴]. **Extractive-and-Abstractive** [SFC⁺²⁴]. **extractors** [MNGL98].

FaaSLight [LWC⁺²³]. **Faced** [NKL⁺²⁴]. **Facet** [DGK21]. **Facet-oriented** [DGK21]. **faceted** [DFB99a, DFB99b]. **Facilitating** [RKBL19, YBL13]. **Facing** [SLWZ24]. **factors** [SAB⁺¹⁴]. **factory** [BCC92, FLM⁺⁹⁸]. **Failed** [JA22]. **Failing** [TLP⁺²²]. **Failure** [JCNS24, NL11, OSB24, Wey96]. **Failure-Causing** [NL11]. **Failure-Inducing** [OSB24]. **Failures** [HMW23, JO15, JCNS24, LJJ⁺²⁰]. **Fair** [MCB⁺²³]. **Faire** [LXW⁺²⁴]. **Fairness** [CZH⁺²⁴, LXW⁺²⁴, MCB⁺²³, WYW⁺²²]. **Fairness-Aware** [WYW⁺²²]. **families** [BCD02]. **Family** [GHM18, RKBL19, SGR⁺¹⁵, WFF⁺¹⁹]. **Family-based** [RKBL19]. **Fan** [MVM07]. **Fan-In** [MVM07]. **Far** [CL22, GLL⁺²¹, GLL⁺²³, GCC^{+24b}, HZX⁺²⁴, ZHV⁺²³, ZYL⁺¹⁸]. **Farewell** [Ros19]. **Fast** [WWY⁺²³]. **Fault** [AROK21, EKL⁺¹⁹, HMW23, JWC⁺²⁴, KKP⁺²³, KMYK19, Kuh99, NBMK22, TSPRC18, YHC13, YXK⁺¹⁷, ZLS⁺²³, CCX11, Hie02, Hie09, KB07, LY05, MA14, SMT92, TK02, XCKX13, ZXLC14]. **Fault-Prone** [AROK21]. **Faults** [HZBS14, MZA22, SRTR17, LS13]. **Faulty** [SYA21]. **Feasibility** [EK11]. **Feature** [ABC⁺²², AFPB23, CLBY18, DDS23, FN03, HLL⁺¹⁶, RWEB19, WRD⁺²², ZRGT23, ZS97, ZZL⁺⁰⁶]. **Feature-Guided** [CLBY18]. **Features** [JZL^{+19a}, KS22, KMYK19, NA24, TLL⁺²³, ZCZ⁺²³, DR10, Zav04]. **Feedback** [FHS⁺²⁴, SDLC23, GJ08]. **Feedback-Directed** [SDLC23]. **Feedforward** [BK23]. **FEMOSAA** [CLBY18]. **Fidelity** [CZW⁺²⁴]. **Field** [DPB17, JO15]. **Fields** [BLBB23]. **File** [DGZ24]. **Filling** [BLBB23]. **Filtering** [EMM24]. **Finding** [OBH24, TZW⁺²³, CSX08]. **Fine** [PGZ⁺²⁰, WNN^{+24a}, WNN^{+24b}, BRR01, DL13]. **Fine-grained** [PGZ⁺²⁰, WNN^{+24a}, WNN^{+24b}, BRR01, DL13]. **Finite** [BM13, DDMM22, EM18, Cor00]. **Finite-State** [EM18, Cor00]. **Firmware** [WRD⁺²²]. **First** [DR15, GSC24, HHC⁺²⁴, MCKG24]. **First-Order** [GSC24]. **Fitness** [FFM24]. **Fix** [HSC⁺²⁴, LZL⁺²³]. **Fixed** [OL22]. **Fixed-Date** [OL22]. **Fixes** [SNM23]. **Fixing** [SRTR17, TWB⁺¹⁹]. **FlagRemover** [BHL11]. **flags** [BHL11]. **Flaky** [PKHM22]. **Flexible** [NEFE03, BTI14]. **Floating** [BCGB21]. **Floating-Point** [BCGB21]. **Flow** [CH21, DCCN04, HPH23a, LYL⁺²⁴,

TDL⁺²⁴, ZYL⁺²³, CCXZ23, For94, HPH23b, HB22, WWY⁺²³. **flow-sensitive** [For94]. **flows** [MP09]. **Focused** [MJS⁺²¹]. **Fold2Vec** [BC23]. **Follow** [STS⁺¹⁸]. **Foraging** [FSP⁺¹³]. **Formal** [BP05, CTA⁺²¹, CR94, EWS14, GXSC21, RO18, YJW⁺²⁰, AG97, AG98, BRRP05, BKM07, CS12, CMCP⁺⁹⁹, CRST12, CPPRM03, FP02, MMST14, PGM12, SCK13, VTA04, SB06]. **Formalizing** [AAG95, CD98, BP98, CDFG96]. **Formally** [WI23, CMCP⁺⁹⁹]. **FormatFuzzer** [DGZ24]. **Formats** [DGZ24]. **formatters** [vdBV96]. **Formed** [TC20]. **Forms** [BLBB23, BLBB24]. **formulas** [XCKX13]. **forward** [Ros13a]. **Found** [MZA22]. **Foundation** [XTW⁺²³, SCK13]. **Foundations** [KF07]. **Founded** [WI23]. **Four** [ZJ97, CD98]. **FQN** [HYX⁺²⁴]. **Fragile** [HDKM23]. **frames** [KK04]. **Framework** [AEK⁺¹⁶, BPD⁺²⁴, BK24, CTA⁺²¹, CLS⁺²³, DR11, JYZ⁺²⁴, KAT12, LWD⁺²⁴, MAL24, MS15, OFS24, SFC⁺²⁴, SIB23, TG24, WSG⁺²³, WWZ⁺²², XW22, YBL15, BCTW96, CDP04, CDFG96, Dev99, For94, MS03, SGL12, WGG13]. **Free** [RCAH23, HGX^{+24b}, KGA⁺¹², vdBV96]. **Freedom** [ABB⁺¹⁸]. **front** [Dev99]. **front-end-retargetable** [Dev99]. **FSMs** [HT17]. **Full** [SRTR17, ZHXZ24]. **Full-Word** [SRTR17]. **Function** [CXLG22, JFJ⁺²³, LWC⁺²³]. **Function-as-a-Service** [LWC⁺²³]. **Functional** [Bro93, GD08, LLLM23, RST⁺¹⁴, MGP⁺¹³]. **Functions** [BCGB21, FFM24, Hie09, MPG⁺¹³, VKV03]. **Future** [Pez24b]. **FuzzBench** [FMMB23b, FMMB23a]. **Fuzzer** [HPH23a, HPH23b]. **Fuzzers** [LZS⁺²⁴]. **Fuzzing** [DGZ24, HQM⁺²³, LZS⁺²⁴, LHW⁺²⁴, LSX⁺²⁴, NKL⁺²⁴, QHM⁺²³, WNN^{+24a}, WNN^{+24b}, ZKW^{+23a}, ZKW^{+23b}, ZBA23, ZA23, ZAL⁺²³, ZMC⁺²⁴]. **Fuzzy** [FMMB23b, FMMB23a].

Gaia [DL11, ZJW03]. **Gaia-PL** [DL11]. **Game** [NMA⁺²³]. **Gas** [ZOJH21]. **General** [LWC⁺²³, CCX11]. **Generalizable** [DLSC23]. **Generated** [CMM⁺¹⁵, FFM24, LLCW⁺²⁴, LS13, WGS07]. **Generating** [ARG17, DRW96, GXG⁺²⁰, GCC^{+24b}, HT17, IC14, SSB20, YJW⁺²⁰, Kli93]. **Generation** [Arc19, AG20, BFFG19, DTC⁺²⁴, EMM24, FA14, FSM⁺¹⁵, GZX⁺²², GSYT21, GCH⁺²⁴, HLL⁺²⁰, HAB⁺²⁰, HCW⁺²², JCNS24, KFY24, LCT⁺²³, LHW⁺²⁴, LTLL24, MZA22, MGTR18, SMBO21, SWW⁺²⁴, TZW⁺²⁴, WXL⁺²¹, XHL⁺²⁴, XVN22, YZY⁺²⁴, ZA22, ZZS⁺²², ZWT⁺²⁴, vdBV96, EF05, FK96, FRB⁺⁰⁶, HZS08, PWX14]. **Generation-based** [LHW⁺²⁴]. **Generative** [KAT12, Rus24]. **Generator** [NKWF14, DO93]. **Generic** [CWM⁺²⁰, LL00]. **Genetic** [DBNG15, YXK⁺¹⁷]. **GENOA** [Dev99]. **Git** [YZP⁺²²]. **GitHub** [BYTS23, BAJA23, SST24, WBRH23]. **Gitter** [EHEZ21]. **Global** [ABB⁺¹⁸, CFL⁺¹⁶, WFF⁺¹⁹, ZLS⁺²³]. **Go** [CL22, GLL⁺²³]. **Goals** [BBS16, DBPU13]. **Good** [SWW⁺²⁴, YZY⁺²⁴]. **Google** [CCH⁺²¹]. **governed** [MU00]. **GQM** [FLM⁺⁹⁸]. **Graded** [Ban23]. **grained** [BRR01, DL13, PGZ⁺²⁰, WNN^{+24a}, WNN^{+24b}]. **grammars** [KGA⁺¹²]. **grammarware** [KLV05]. **Graph** [ARL⁺¹⁵, CWH⁺²¹, DLP⁺²⁴, DLSC23, HLX^{+23b}, LD24, NBMK22, PTY95, TG23, WPX⁺²³, YFD⁺²³, ZYL⁺²³, MNGL98]. **graphical** [DKM⁺⁹⁴, MRK⁺⁹⁷]. **GraphPrior** [DLP⁺²⁴]. **graphs** [SRK06]. **GreASE** [dFLSV14]. **Greenkeeper** [RCAH23]. **Grid** [EMM24]. **Grid-Based** [EMM24]. **Group** [BSA22, ZSWS23]. **growth** [JMS08]. **guarantee** [CAC08].

Guaranteeing [ALMS22]. **Guarantees** [OBH24]. **GUI** [ABC⁺22, Mem08, XM07, XM08]. **GUI-based** [XM07]. **Guide** [HAB⁺20]. **Guided** [CLBY18, GGH⁺23, GYY⁺24, HPH23a, PWX14, SDG⁺24, WRD⁺22, ZLS⁺23, ZZW⁺23, HPH23b, LCT⁺23, TCDZ19, ZHXZ24]. **Guidelines** [FTF22, GGZ⁺15, GLFW22]. **Guiding** [CL23a]. **GUIs** [HDG⁺24, LVBBC⁺18].

HAMPI [KGA⁺12]. **handle** [LYYC14]. **handlers** [CMP13]. **Handling** [AG20, ZE14]. **Hard** [LSBN24, CAC08]. **Harmful** [CL23b]. **Hazard** [FPBS23]. **Hazard-triggering** [FPBS23]. **HCSP** [YJW⁺20]. **healing** [CMP13]. **Health** [LM24]. **Heap** [LKR22]. **Help** [FSM⁺15]. **Helpfulness** [KCMS24]. **Heterogeneous** [CLMPS⁺24, SXX⁺24, WSG⁺23, MU00]. **Heuristic** [CM23, ZHO⁺18, ZZX⁺21]. **Heuristics** [ZBA23]. **Hidden** [SCL⁺23]. **Hierarchical** [CGZ23, HZB⁺24, JEB⁺23, YWC16, BO92, SLD⁺13, WJ10]. **hierarchies** [CCX11]. **hierarchy** [BM13, DFB99a, DFB99b, LY05]. **hierarchy-aware** [DFB99a, DFB99b]. **high** [CF03]. **high-quality** [CF03]. **Higher** [GXSC21, LWF03, XTW⁺23]. **Higher-Order** [GXSC21, LWF03, XTW⁺23]. **Highly** [AMS⁺18]. **HINNPerf** [CGZ23]. **Hippodrome** [CTC⁺23]. **History** [ARG17, OPK⁺21, FM94]. **History-based** [OPK⁺21]. **history-checking** [FM94]. **Hoc** [CDKP21]. **Holistic** [FDC⁺21]. **Home** [FSZ⁺22, MKR⁺23]. **Horus** [LSX⁺24]. **Host** [LSX⁺24]. **hosts** [MPR06]. **HOTTest** [SS06]. **Human** [HGHM23, HCW⁺22, NKL⁺24, SPAS21, YXK⁺17, CDFG96]. **human-centered** [CDFG96]. **Humans** [KFY24]. **Hybrid** [GXSC21, GSH97, JEB⁺23, ZMM⁺16, CRST12, CSX08]. **HybridCISave** [JS23]. **Hybridized** [BBS16]. **Hyper** [ZHO⁺18]. **Hyper-Heuristic** [ZHO⁺18]. **Hypermuation** [ZA22]. **Hyperparameter** [LLSM22]. **hypotheses** [Hie02, Hie09]. **Hypothesis** [WSG⁺23].

iBiR [KKP⁺23]. **ICSE** [MP14, Pez24a]. **IDE** [XVN22]. **Identification** [BAJA23, DZV⁺23, GHM18, GLL⁺23, PKMY24, STDB23, SYL⁺23, WRD⁺22, WC23, ZCZ⁺23, ZSW⁺22]. **Identifier** [SRTR17, ZLL⁺23]. **Identify** [HNRA20]. **Identifying** [CDKP21, GLL⁺21, MVM07, NA24]. **Identity** [ZQS⁺23]. **IFDS** [HLX23a]. **IFDS-based** [HLX23a]. **III** [MKS⁺15]. **Image** [AFPB24, CCX⁺20, TZW⁺23]. **Image-processing** [AFPB24]. **Images** [RSBO23]. **Impact** [AHGZ23, CST16, ELvdH⁺05, FAP22, FTF24, LLSM22, LLS⁺21, MZW⁺23, PVHW17, Tiw08, ZLW⁺21, EAS08, MA14, RSB05, SGG⁺14]. **Impact-Driven** [PVHW17]. **Impacts** [TDT⁺22]. **Implementation** [KDM17, Liu22, ZCT18, ZMC⁺24, BO92, BPT10, LH08, SB02, WWL⁺23]. **Implementations** [GZSW19, NWZ⁺23, TTL⁺21, TCDZ19]. **implementing** [CDP04]. **implicit** [SPAK10]. **implied** [UKM04]. **Important** [LXL⁺22, YZY⁺24]. **Improve** [ABC⁺22, CCH⁺21, VHN22]. **Improved** [CST16, YCG⁺24]. **Improvement** [CXH⁺21, WWAC23, SR05]. **Improving** [ASN19, BGO⁺14, Cai20, DTC⁺24, JYZ⁺24, PWB23, WYMW20, YHL⁺22, ZH24, DPT13, GJ08, LH02]. **In-Depth** [XCS⁺22, SBBL23, ZXLC14]. **In-IDE** [XVN22]. **In-Process** [WYW⁺22]. **Inclusive** [SMY⁺24]. **Incoming** [Pez19d]. **Incompatibility** [XGF⁺23]. **Incompatible** [LZF⁺24]. **Inconsistencies** [WBRH23, CDFG96, GZ05]. **inconsistent** [HN98]. **Incorporating** [SZZ⁺23, YDX⁺24].

Incredible [Pez24a]. **Incremental** [DPB17, UKM04, YPRK14, KK93, KF07]. **incrementally** [KKLS02]. **Independent** [WHP⁺23]. **Index** [Ano96, TPT13]. **index-sensitive** [TPT13]. **Indicators** [AAP⁺20]. **Induced** [ZHS⁺23]. **Inducing** [OSB24]. **Inductive** [ASJDW21, BG96]. **Industrial** [HAY⁺23, OKS⁺16, ZAL⁺23, CMCP⁺99, FLM⁺98, SR05]. **Industrially** [VHNF22]. **Industry** [MS22, SER24]. **Industry-Academia** [MS22]. **Inference** [CSFB24, GCC⁺24b, HYX⁺24, NBB15, SMY19]. **Inferred** [LZL⁺23]. **Inferring** [EM18, MG00, RO18]. **Inflow** [ZMM⁺16]. **Influence** [HGHM23, RSBO23, Sin10]. **Influential** [ZLS⁺23]. **Information** [CXH23, FSP⁺13, RFR23, SZZ⁺24, SXX⁺24, WCB⁺20, ZLP⁺24, DFOT07, FBC⁺13, GSH97, MP09, PGM12, TZZ09, THHB06, Wey96, YHC13]. **information-theoretic** [YHC13]. **informed** [YHG⁺24]. **infrastructures** [BDL06]. **inheritance** [KKLS02]. **inheritance-based** [KKLS02]. **Injection** [KKP⁺23]. **Inline** [HGD⁺23]. **Inlining** [JFJ⁺23]. **inner** [SAB⁺14]. **Input** [DLP⁺24, DDS23, EMM24, KFY24, LDM⁺24]. **Insight** [SLWZ24]. **inspections** [BFN⁺14, PSMV98]. **Inspired** [FNT⁺24]. **installability** [VD13]. **Instances** [SGR⁺15]. **instruction** [AM04]. **IntDroid** [ZWY⁺21]. **Integer** [DLRA15, XL20]. **Integrated** [YB20, CTCC98, ELN⁺92, PWD⁺99, SCK13]. **Integrating** [BFFG19, FRB⁺06, SBS⁺23, GSH97]. **Integration** [HMW23, JS23, ZTP⁺23, BCTW96, BHR95, SN92, YHR92]. **Integrity** [MWK15]. **Intellectual** [CSV13]. **Intelligent** [PLM15]. **Intended** [GZW⁺23]. **Intensive** [NWB⁺18]. **Intent** [YXM⁺23]. **Inter** [SEM17]. **Inter-** [SEM17]. **Interacting** [GRT09, SYA21]. **Interaction** [AB12, CGZ23, DDS23, MU00]. **Interaction-Based** [AB12]. **Interactions** [ASMP16, GGHM24, PWX14]. **interchangeability** [DPT13]. **Interface** [PSZ21, CL94]. **Interfaces** [IC14, BRRP05, BTI14]. **Interleaving** [SDG⁺24]. **international** [NP08, MP14]. **Internet** [YBZK21]. **Interpretable** [YFD⁺23, ZSWS23]. **Interpretation** [LRL⁺22, WCG⁺21, CSC06]. **Interpreter** [XFS⁺24]. **interpreters** [BP05]. **Interpreting** [ZZX⁺21]. **Interprocedural** [OO92, SHR01, For94]. **Interval** [SMY19, CDSM10, DKM⁺94]. **interval-based** [CDSM10]. **Interventions** [RPT⁺22]. **Interview** [ZTP⁺23]. **Interview-Based** [ZTP⁺23]. **Interviews** [FHS⁺24]. **Intimacy** [ZWY⁺21]. **Intra** [SEM17]. **Intra-Component** [SEM17]. **Intrinsic** [CGPP15]. **Introduced** [RCAH23]. **Introduction** [GLFW22, HP15, MP14, NP08]. **Invariant** [NKWF14]. **Invariants** [NKWF14]. **investigating** [HBB⁺09, CXLG22, JFJ⁺23]. **Investigation** [CL23a, LRCS14, WWZ⁺22, MC08]. **Investigations** [Off92]. **invocation** [SPAK10]. **Involvement** [ZMM⁺16]. **iOS** [HHC⁺24]. **IoT** [SMBK22]. **IP** [MR99]. **iSENSE2.0** [WYMW20]. **Isolation** [JZL⁺19b]. **ISSTA** [NP08, HP15]. **Issue** [AHGZ23, HP15, MP14, PWB23, SST24]. **Issues** [LCL⁺23, LLCW⁺24, Pez23, Pez24b]. **items** [Gun00]. **iterative** [For94].

J [TS09]. **J-Orchestra** [TS09]. **Java** [BS07, BLS⁺23, Cor00, HRD08, KM10, LTX19, MRR05, MAL24, PBC24, RD15, SBBL23, SRTR17, SGHM23, SVDHB23, TS09, WHP⁺23, XR13]. **JavaScript** [ASMP16, NXL⁺22, ZBA23]. **Johan** [Ano02]. **Join** [BTI14]. **Joint** [HSX⁺24]. **Journal** [DR15]. **Journal-First** [DR15]. **Journey** [ZYL⁺18]. **JUnit** [WC23]. **Jupyter** [LASA24]. **Just** [GLH⁺24, NXL⁺22]. **Just-In-Time** [GLH⁺24, NXL⁺22].

KADEL [TZW⁺24]. **KAPE** [GHX⁺24]. **Katana** [SNM23]. **KBSE** [DJ97]. **Kernel** [LSX⁺24]. **Key** [GCX⁺22, NA24, PKMY24, SAB⁺14]. **Killing** [CPCT21]. **KLEESpectre** [WCB⁺20]. **Knee** [CLBY18]. **Knee-Driven** [CLBY18]. **Know** [GXL⁺23, YZP⁺22, ZWL⁺24]. **Knowledge** [CH21, GZX⁺22, HLX⁺23b, MS22, TG23, TZW⁺24, WPX⁺23, WJZ⁺23, YDX⁺24, ZZW⁺23, FMMH⁺14, KK04, MG00]. **Knowledge-Aware** [TZW⁺24]. **knowledge-based** [KK04, MG00]. **Knowledge-Guided** [ZZW⁺23]. **Kristen** [Ano02]. **Kubernetes** [RSBP23].

L2S [XW22]. **Label** [VCF21, ML00]. **Labeled** [GLH⁺24]. **Labeling** [HGX⁺24b, YXZ⁺23]. **Labeling-free** [HGX⁺24b]. **LaF** [HGX⁺24b]. **Landscape** [LM24]. **Landscapes** [TZZ⁺23]. **Language** [AROK21, CSFB24, DLT⁺23, HSX⁺24, HYX⁺24, KJHY24, LMY⁺24, LLZ⁺22, LTLL24, WB13, WJZ⁺23, XVN22, BGdV92, CL94, CFM00, GZ05, JPL98, SHO95, TY92, WAF00, MRRR02]. **language-based** [BGdV92, WAF00]. **Languages** [Bjø19, CXH23, FTF22, FTF24, BJMH02, BHR95, CDSM10, DvdHT05, HZS08, KSD08, RSB05, vdBV96]. **Larch** [CL94]. **Larch/Smalltalk** [CL94]. **Large** [BNB14, DNRN15, FA14, KCAS23, KCMS24, LJL⁺20, LLZ⁺22, MNB⁺22, MAL24, RFDS24, Rus21, SST24, WT24a, WT24b, YZP⁺22, MC08, PSV01]. **Large-Scale** [BNB14, FA14, LLZ⁺22, MAL24, RFDS24, SST24, WT24a, WT24b, MNB⁺22, Rus21, YZP⁺22, PSV01]. **Latency** [LWC⁺23]. **latent** [BGO⁺14]. **Lattice** [DDE11]. **Lattice-Based** [DDE11]. **Law** [MU00]. **Law-governed** [MU00]. **laws** [LSV08]. **layers** [SB02]. **Layout** [LKR22]. **lazy** [FC00]. **Leads** [DPRO23]. **Leads-to** [DPRO23]. **leak** [XR13]. **Leakage** [WCB⁺20]. **Learn** [KMYK19]. **Learn-to-Rank** [KMYK19]. **Learned** [BPD⁺24, RCAH23, TLL⁺23]. **Learning** [ASN19, BS16, BLBB23, BLBB24, BT22, BT24, CSB⁺24, CYA22, CZSH23, CWM⁺23, CLS⁺23, CZW⁺24, DKD21, DLSC23, FCLL21, GHXZ24, GYY⁺24, GCC⁺24a, HGW⁺16, HZX⁺24, HGC⁺22, HZB⁺24, HCJ⁺24, HDKM23, JYZ⁺24, KKP⁺22, KFY23, LLLM23, LCT⁺23, LLL⁺23, LGX⁺22, LGC⁺23, LHW⁺24, LM24, MPT⁺21, MZW⁺23, MS15, NBMK22, OFS24, OSB24, RFR23, RMCT22, SWW⁺24, SNM23, TZW⁺24, TWB⁺19, WLS⁺20, WYC⁺24, WCP⁺22, WWAC23, XLD⁺24, XAY23, YDX⁺24, YHL⁺22, ZFM⁺24, ZLW⁺21, ZHC24, ZLP⁺24, ZRGT23, ZZX⁺21, BG96, MY13]. **Learning-Based** [CZW⁺24, BLBB24, BT22, YDX⁺24, ZFM⁺24, ZZX⁺21]. **legacy** [THHB06]. **Lens** [RSC⁺24]. **Less** [PBU16]. **Lessons** [BPD⁺24, RCAH23]. **Level** [BNB14, DG18, LFL⁺24, QWG⁺23, AM04, CCRZ23, CTCC98, CUHH24, GLL⁺23, KSD08, LWC⁺23, LYL⁺24, MMST14, Sin10, SXX⁺24]. **levels** [CTC01]. **Leveraging** [AHGZ23, CH21, HCJ⁺24, LLT⁺24, VCF21]. **lexical** [MN96]. **LibAM** [LWD⁺24]. **Libraries** [LWD⁺24, LHW⁺24, ZW95]. **Library** [DKD21, LCT⁺23, OHDB92]. **License** [WBRH23, XGF⁺23]. **LiDetector** [XGF⁺23]. **Life** [VCF21, SS02]. **Lightweight** [GHM18, MN96, Jac02]. **LIME** [MPR06]. **Line** [CTA⁺21, DL11, LFL⁺24, ZCT18, GLL⁺23]. **Line-Level** [LFL⁺24]. **Linear** [SP18, ZAW92]. **Lines** [HLL⁺20, HAB⁺20, XZZL18, XHL⁺24, BJMH02, KATS12, MPG⁺13]. **Linking** [KS20, SZH⁺19, FC00]. **Links** [PWB23, DFOT07]. **Literature** [BUB23, CCS24, LCS⁺22, SBMK21, TWS⁺22, WCP⁺22]. **Little** [LM24]. **Live** [SZZ⁺24, TLJZ24]. **liveness**

[DBPU13, SGE00]. **LLM** [CCH⁺24]. **LLM-Empowered** [CCH⁺24]. **Local** [ABB⁺18, TC20, ZLS⁺23, ZWGX22]. **Localisation** [YXK⁺17]. **Localization** [AFHC22, CZW⁺24, HMW23, JWC⁺24, KMYK19, NAF⁺23, TSPRC18, ZLS⁺23, MA14, XCKX13, YHC13]. **locating** [TD01]. **Location** [RWEB19, PGM12, ZZL⁺06]. **Lockdowns** [MKR⁺23]. **Locking** [CCVLW23]. **Log** [CCW⁺23, YCG⁺24]. **Log-based** [YCG⁺24]. **LoGenText** [DTC⁺24]. **LoGenText-Plus** [DTC⁺24]. **Logging** [DTC⁺24]. **Logic** [BMM⁺17, XLW⁺22, DKM⁺94, PMS13, TPT13, ZS97]. **Logic-Based** [BMM⁺17]. **logical** [FGL⁺12, MS94]. **Logics** [DDMM22, DJ97]. **Longitudinal** [JEB⁺23, RHV24, RHvB24]. **Look** [HHC⁺24, MCKG24, ZWZ⁺24]. **looking** [Not13, Ros13a]. **loop** [BHL11]. **loop-assigned** [BHL11]. **Loops** [FYW24, MSM⁺24, RD15]. **Lop** [FMMB23b, FMMB23a]. **Lost** [YHXY24]. **LSCs** [MHK11]. **LTL** [BLS11]. **Lunch** [RCAH23].

Machine [BLBB23, CLL⁺22, CZSH23, DKD21, DTC⁺24, GYY⁺24, HDKM23, LLLM23, OFS24, RFR23, SWW⁺24, TWB⁺19, ZZF⁺24, ZLW⁺21]. **Machine-Learning-Based** [ZLW⁺21]. **Machines** [KFY24, PSZ21, WJ10]. **macro** [Sin10]. **macro-level** [Sin10]. **Made** [WWJ⁺24]. **Mae** [RVMRM04]. **Maintainability** [KDM17, KDM23]. **Maintaining** [WWAC23, ZCT18]. **Maintenance** [PLMC23]. **majority** [MM13]. **Make** [BKHT21, CMM⁺15, SGR⁺23]. **Making** [SGR⁺23, KDM23]. **Malware** [Cai20, GHM18, WCG⁺21, ZLW⁺21, ZWY⁺21]. **Managed** [NWB⁺18]. **Management** [MGP⁺22, WYMW20, ZQS⁺23, DFOT07, ELvdH⁺05, Jéz99]. **Managers** [SGR⁺23]. **Managing** [HN98, RVMRM04].

Manifesting [VCP⁺23]. **Manifests** [RSBP23]. **Manipulation** [MS14, TTL⁺21, BG98]. **Manual** [BFFG19]. **Manually** [FFM24]. **Many** [HLL⁺16, HLL⁺20, MKS⁺15, XZZL18]. **Many-Objective** [HLL⁺16, HLL⁺20, MKS⁺15, XZZL18]. **Mapping** [HSC⁺24, HDG⁺24, HCJ⁺24, KRM24]. **Markov** [HGW⁺16, WP93]. **Marple** [LS13]. **marts** [BCC⁺01]. **Masked** [GZSW19, GXSC21]. **Masking** [GSC24]. **Mastering** [SPAS21]. **Matching** [ABC⁺22, LKRF22, LWD⁺24, WAH23, ZW95, ZW97]. **Matching-based** [ABC⁺22]. **Math** [SPK14]. **math.h** [BCGB21]. **math.h** [?]Bagnara:2021:PAV. **mathematical** [Sne96]. **Matter** [CL23a]. **Maturity** [VHNF22]. **MC** [GRS⁺16]. **MC/DC** [GRS⁺16]. **MDD** [MGP⁺13]. **MDE** [AB23]. **MDESL** [SZH⁺19]. **Me** [VCP⁺23]. **Means** [KKP⁺22, BG96]. **Measure** [SHLW21]. **Measurement** [PGZ⁺20, XSA⁺24, GD08, MGP⁺13]. **Measures** [MCB⁺23, PSW⁺20]. **Measuring** [BSA22, CLMPS⁺24, DDS23, MP09, ZSHD20, CW99]. **mechanism** [MU00, WAF00]. **mémoire** [PWB23]. **memoriam** [Ros13b]. **Memory** [AEK⁺16, CSB⁺24, CYM⁺24, CCXZ23, JPS22, LSX⁺24, NWB⁺18, PWB23, WWY⁺23, XCS⁺22, XR13]. **Memory-related** [CSB⁺24]. **Memory-Safety** [XCS⁺22]. **Merge** [SGHM23]. **Merging** [FDB⁺12, RKBL19, LDUD13]. **Message** [RGS12, TG24, TZW⁺24, WXL⁺21, CR94]. **Meta** [ZHO⁺18, Kli93, HZS08]. **Meta-** [ZHO⁺18]. **meta-AspectJ** [HZS08]. **meta-environment** [Kli93]. **Metaconstraints** [DDMM22]. **metalocking** [BS07]. **Metamodel** [LKRF22, PBO07]. **Metamodel-based** [PBO07]. **Metamodels** [AB23].

Metamorphic [SDLC23, SDG⁺24].
Method [AB12, CUHH24, CF10, HGD⁺23, OL22, WWL⁺23, ZYZ⁺24, BRRP05, MG00, MM13]. **Method-level** [CUHH24].
Method-Method [AB12].
Methodological [GLFW22]. **Methodology** [LBZ14, CTC01, DCS09, FGL⁺12, FRB⁺06, HGS93, KSD08, MPR⁺13, MGMM11, RBL⁺01, SCK13, ZJW03]. **Methods** [CZSH23, GGHM24, KRM24, KCAS23, SXX⁺24, VBZ⁺18, ZCL⁺24, CMCP⁺99, DFOT07, DBDS94, Rus21]. **Metric** [AB12, VHNF22, GCC⁺24a, PMS13].
Metrics [KS20, KS22, ZQS⁺23, CSC06, KK04, MSW12, MB07]. **MICOSE4aPS** [VHNF22]. **Microservice** [ZQS⁺23].
Microservices [CCRZ23]. **middleware** [EAS08, MPR06, VTA04]. **Migration** [CSW21, SPK14]. **millions** [MPG⁺13].
Mined [GXG⁺20]. **Minimal** [NL11].
Minimization [XL20]. **Mining** [BBS16, DNRN15, KL21, LCS⁺22, PZS⁺20, SPK14, SBS⁺23, ZZL⁺24]. **Mining-based** [PZS⁺20]. **Misconfigurations** [RSBP23].
Missing [GCX⁺22, SWW⁺24, ZWL⁺22, MM13].
Mitigating [LLCW⁺24, PBC24].
Mitigation [CZSH23, MA14]. **Mixed** [GGHM24, KCAS23, Rus21].
Mixed-Methods [KCAS23, Rus21]. **Mixin** [SB02]. **Mobile** [ETM22, JZL⁺19a, LCL⁺23, RMP97, ZE14, CFM00, FGMP03, FC00, MZ09, MR99, PRM01]. **Mobility** [JZL⁺19b, MPR06, PRM01]. **Mock** [ZWT⁺24]. **Mockups** [RST⁺14]. **modal** [WSG⁺23]. **Mode** [MCKG24]. **Model** [ALMS22, AFHC22, ASNB19, BS16, BDL06, BS07, BHB16, CCS24, CXH⁺21, CSFB24, DG17, DPRO23, EBE⁺14, GRS⁺16, GZW⁺23, GTD21, HGX⁺24b, HSX⁺24, HYX⁺24, JYZ⁺24, LKRF22, DGD⁺19, LCT⁺23, LLSM22, LGC⁺23, DDGR18, MMST14, NBB15, OPK⁺21, PVHW17, LDUD13, Rus21, TSPRC18, WWAC23, WI23, WOM15, ZYZ⁺24, BKM07, BGL00, CS12, Cal95, CDEG03, CW99, Dil93, Esh06, FGMP03, HAB13, JGB12, KF07, LL00, MS03, MN96, MPR06, ML00, NLR11, PBO07, RVMRM04, SMAC08, SS06, SGE00, TZZ09, VTA04, XM08]. **Model-Based** [AFHC22, CCS24, MMST14, WI23, HAB13, MS03, SS06, TZZ09]. **model-checking** [BGL00, CDEG03, FGMP03, KF07].
Model-Driven [DG17, GTD21]. **Modeling** [BRG⁺01, BSA22, FMMH⁺14, JZL⁺19b, MFLL12, MR99, MRRR02, SLD⁺13, SZZ⁺23, BCFM06, BAD08, CDP04, DCS09, DHW98, PWD⁺99, SB06]. **Modelling** [BZSW14, Bjø19, CFP⁺24, DGC14, DGK21, Jac02]. **Models** [BMM⁺17, BT24, BMC⁺23, CYA22, DG18, EM18, FCG⁺24, FDB⁺12, GZW⁺23, HLL⁺16, HHC⁺24, JPS22, JYZ⁺24, JCNS24, DGD⁺19, LLL⁺23, LLT⁺24, LTLL24, LRL⁺22, OSB24, QSZG24, RGCS14, TC20, TZW⁺23, WB13, YJW⁺20, YXL⁺22, YBL15, ZFL⁺22, LLZ⁺24, BDL06, CMCP⁺99, CW98, Cor00, JPL98, MGP⁺13, MG00, MPF14, ODV⁺09, PTY95, SGG⁺14, SCK13, UKM04, YBL13]. **Models-Detection** [ZFL⁺22]. **Modern** [BUB23, RSB05]. **modifiability** [SGG⁺14].
Modular [SGR⁺10, WLS⁺20, DvdHT05, FC00].
modularity [CS12, HE13, SPAK10].
Modularization [QSZG24, BGO⁺14].
Molecular [EKL⁺19]. **monadic** [TPT13].
Monitoring [CYM⁺24, DDMM22, DDE11, EHF20, RBPG23]. **Monotone** [PSW⁺20].
Most [XW22]. **motivations** [HBB⁺09].
Mozilla [MFH02]. **MPI** [GSYT21]. **Multi** [AROK21, BS16, BKD⁺23, CCRZ23, CDEG03, CLBY18, CL23b, DG18, GCC⁺24a, LVBBC⁺18, OKS⁺16, SYA21, XL20, ZHO⁺18]. **Multi-Criteria** [OKS⁺16, XL20]. **Multi-Language** [AROK21]. **Multi-Level** [DG18, CCRZ23].
Multi-metric [GCC⁺24a].
Multi-Objective [CLBY18, LVBBC⁺18,

ZHO⁺¹⁸, BKD⁺²³, CL23b, SYA21, XL20]. **Multi-Step** [BS16]. **Multi-valued** [CDEG03]. **Multiagent** [DL11, EMM24, ZJW03]. **Multidimensional** [GL11]. **Multilevel** [DGC14]. **Multilingual** [LMY⁺²⁴]. **Multimodal** [MHK11]. **multinational** [Tiw08]. **multiobjective** [MY13]. **Multiple** [ZHC24]. **Multiple-phase** [ZHC24]. **Multitolerant** [EK11]. **multiuser** [KK93]. **multiviewer** [PBO07]. **Mutant** [ZWL⁺²², OLR⁺⁹⁶]. **Mutants** [CPCT21, OSD⁺²³]. **Mutation** [DLP⁺²⁴, KJHY22, OSD⁺²³]. **Mutation-based** [DLP⁺²⁴]. **My** [CCH⁺²¹, CXH⁺²¹, PORH23].

Name [WWL⁺²³]. **Names** [SRTR17, YZY⁺²⁴]. **Natural** [KJHY22, WJZ⁺²³, XVN22, GZ05]. **Navigating** [Rus24]. **Near** [OBH24]. **Near-optimal** [OBH24]. **need** [LYYC14]. **Needs** [CXH23]. **nesting** [MBH09]. **Nets** [RFDS24]. **Network** [CWW⁺²⁰, CWH⁺²¹, CGZ23, DDS23, HQM⁺²³, HGX^{+24b}, QSZG24, QHM⁺²³, RXX⁺¹⁹, WLS⁺²⁰, YFD⁺²³]. **Network-based** [RXX⁺¹⁹]. **Networked** [LZS⁺²⁴]. **Networks** [BK23, DLP⁺²⁴, DLSC23, LD24, LXW⁺²⁴, LLSM22, LXS⁺²⁴, OSB24, PLM15, QWG⁺²³, SKY23, WT24a, WT24b, XLW⁺²², ZZC⁺²³, ZSWS23, ZHY24, ZXS⁺²⁴, Sin10]. **Neural** [BK23, CWW⁺²⁰, CWH⁺²¹, CGZ23, DLP⁺²⁴, DTC⁺²⁴, DDS23, DLY⁺²³, HGX^{+24b}, LD24, LXW⁺²⁴, LLSM22, LXS⁺²⁴, QWG⁺²³, QSZG24, RXX⁺¹⁹, SWW⁺²⁴, SKY23, TWB⁺¹⁹, WT24a, WT24b, XLW⁺²², YFD⁺²³, YZY⁺²⁴, ZYL⁺²³, ZZC⁺²³, ZSWS23, ZXS⁺²⁴]. **Neuron** [LXW⁺²⁴, XLW⁺²²]. **next** [HKMB⁺¹⁴]. **NN** [GHX⁺²⁴]. **NN-based** [GHX⁺²⁴]. **no** [RCAH23]. **Node** [LJL⁺²⁰]. **Node.js** [ACSA23]. **NodeJS** [ZBA23]. **Non** [GGZ⁺¹⁵, HT17, LFL⁺²⁴, MWP⁺²¹, XFS⁺²⁴]. **Non-Adequate** [GGZ⁺¹⁵]. **Non-Alpha-Equivalent** [XFS⁺²⁴]. **Non-Autoregressive** [LFL⁺²⁴]. **Non-deterministic** [HT17]. **Non-Serializable** [MWP⁺²¹]. **nonanomalous** [DBPU13]. **Nonequivalence** [dFLSV14]. **noninteractive** [ZZL⁺⁰⁶]. **noninterference** [DFG00]. **notation** [FP02, Jac02]. **notations** [BP05, CDP04]. **Notebook** [LASA24]. **Notebooks** [LLG23]. **Notkin** [Ros13b]. **Novice** [CZ19]. **NPC** [XLW⁺²²]. **npm** [ACSA23, RCAH23]. **NSFuzz** [HQM⁺²³, QHM⁺²³]. **NSGA** [MKS⁺¹⁵]. **NSGA-III** [MKS⁺¹⁵]. **Nudge** [MUB⁺²³]. **numerical** [SMAC08]. **Nygaard** [Ano02].

Obfuscation [GHM18]. **Obfuscation-Resilient** [GHM18]. **Obituary** [Ano02]. **Object** [AB12, GGGU21, HLX23a, LHX21, MS94, TG11, WWL⁺²³, Cal95, CTCC98, CTC01, CSC06, DFB99a, DF94, Jac02, MRR05, RS09, RM03, SS02, SB02]. **Object-Oriented** [AB12, MS94, WWL⁺²³, CTCC98, CTC01, CSC06, DFB99a, DF94, RS09, RM03, SB02]. **Object-Sensitive** [HLX23a, LHX21]. **objected** [DFB99b]. **objected-oriented** [DFB99b]. **Objective** [CLBY18, HLL⁺¹⁶, HLL⁺²⁰, LVBBC⁺¹⁸, MKS⁺¹⁵, SHLW21, TAA⁺¹⁹, XZZL18, ZHO⁺¹⁸, BKD⁺²³, CL23b, SYA21, XL20]. **Objectives** [CL23a]. **Objects** [ZWT⁺²⁴]. **obliviousness** [HE13]. **OBSERV** [TY92]. **Observability** [ZQS⁺²³]. **Observable** [HT17]. **observational** [PSV01]. **OCL** [QT12]. **Octopus** [TDL⁺²⁴]. **offs** [RAE⁺²⁴]. **Ole** [Ano02]. **Ole-Johan** [Ano02]. **On-device** [HHC⁺²⁴, HDKM23]. **One** [Liu22]. **onto** [HSC⁺²⁴]. **Opacity** [ALMS22]. **Open**

[AHGZ23, BSA22, BKHT21, CWM⁺20, HSC⁺24, JEB⁺23, KCAS23, KCMS24, LMY⁺24, PLZ⁺22, RSBP23, RGCS14, TWS⁺22, WFW⁺20, WYC⁺24, WBRH23, XGF⁺23, ZA23, MFH02, Sin10].

Open-Source [BSA22, KCAS23, KCMS24, LMY⁺24, PLZ⁺22, RGCS14, JEB⁺23, WYC⁺24, Sin10]. **OpenStack** [BSOM24, ZLT⁺22]. **Operational** [SZH⁺19]. **Operations** [SCL⁺23]. **operators** [OLR⁺96]. **Opinion** [LCS⁺22, CF10]. **Opportunities** [YXL⁺22]. **Optimal** [HLL⁺16, Liu22, OBH24]. **Optimization** [CLBY18, CS22, DPRO23, GCC⁺24a, HLL⁺16, HGX⁺24a, LLSM22, LVBBC⁺18, LWC⁺23, XZZL18, XHL⁺24, AGHC⁺22]. **Options** [ZKW⁺23a, ZKW⁺23b]. **Oracles** [WPB19, XM07]. **Orchestra** [TS09]. **Order** [GXSC21, GSC24, SGD15, LWF03, TPT13, XTW⁺23]. **Organizational** [JEB⁺23, DCS09]. **Organized** [ZWCH21]. **Orientation** [WWY⁺23]. **Oriented** [AB12, QWG⁺23, ZSL⁺13, AM11, CTCC98, CTC01, CWM⁺23, CSC06, DFB99a, DFB99b, DF94, DR10, FGL⁺12, HE13, DGK21, MS94, ODV⁺09, RS09, RM03, SB02, SGR⁺10, WWL⁺23]. **OS-level** [LYL⁺24]. **OSS** [KS22, ZMM⁺16]. **outcome** [GJ08]. **Outgoing** [Ros19]. **output** [KM10, QNR13]. **Overdue** [MUB⁺23]. **Overfitting** [IRKY24]. **Overflow** [DLRA15, ARG17, GXG⁺20, GXL⁺23, HZX⁺24, WJZ⁺23, YZP⁺22, ZWCH21]. **Overhead** [RCAH23]. **overlapping** [HaK92].

PACE [BK24]. **Pacemaker** [BZSW14]. **Package** [GHXZ24, JCSA23]. **Packages** [VCP⁺23]. **Pan** [BGdV92]. **Pandemic** [FSZ⁺22, RHV24, RHvB24]. **Pandemic-RCR** [RHvB24]. **Parallel** [HT17, KK93, PSV01, RD15, TDL⁺24, ZCH22, SMAC08]. **Parameter** [LKA⁺23, TG11]. **parameterization** [BAD08]. **Parameterized** [MRR05]. **Parameters** [RGCS14]. **Parametric** [ALMS22, WAH23]. **Pareto** [CL23b]. **Part** [ELN⁺92]. **Partial** [FDB⁺12, HYX⁺24, LHX21, PBU16, SGD15, XCCY10]. **Partial-Order** [SGD15]. **Participation** [TWS⁺22]. **Particular** [XL20]. **Party** [LWD⁺24]. **Passing** [TG11]. **Patch** [HML23, LWWM22, MGTR18, STGR21, TLP⁺22, YXX⁺23]. **PatchCensor** [HML23]. **Patches** [IRKY24, KPC18, TLL⁺23, TWB⁺19, ZSW⁺22]. **Patching** [CCVLW23]. **Path** [DDE11, GSYT21, QNR13, SGD15, TDL⁺24, TPT13, XLW⁺22, LS13, SRK06]. **Path-** [TPT13]. **Path-Sensitive** [SGD15]. **Paths** [YWC16]. **Pattern** [CZ19, SGR⁺15, WAH23]. **Pattern-based** [CZ19]. **Patterns** [KAS20, LZL⁺23, DDGR18, MS22, ZB13]. **Peer** [RGCS14]. **Penetration** [MAKM22]. **Perceive** [NMA⁺23]. **Perception** [KSFC24]. **Performance** [BK24, CL23a, CGZ23, CFL⁺16, GHX⁺24, JYZ⁺24, LLSM22, LLS⁺21, RXX⁺19, ZHZ⁺21, Tiw08]. **Person** [ZSHD20]. **Personality** [CL22]. **Personalized** [ZL13]. **Perspective** [BXL⁺22, FSP⁺13, HGHM23, LGC⁺23, YZY⁺24]. **pervasive** [MZ09, XCCY10]. **phase** [JGB12, ZHC24]. **philosophies** [MSW12]. **Phones** [HDG⁺24]. **Phrase** [YXZ⁺23]. **Phrase-based** [YXZ⁺23]. **Physical** [MCM24, ZTP⁺23, CYA22, MSM⁺24, XAY23, XTW⁺23]. **Pied** [MRO⁺23]. **Pied-Piper** [MRO⁺23]. **pilot** [XM08]. **Piper** [MRO⁺23]. **PL** [DL11]. **Place** [MS15]. **Place-Aware** [MS15]. **Planet** [WCJL23]. **Planning** [CSW21, OL22, ZHO⁺18]. **Plasticity** [BT22]. **Platform** [EHEZ21, LJL⁺20, LSH23, PORH23, ZOJH21]. **Platforms** [DZV⁺23]. **Platys** [MS15]. **Play** [CCH⁺21]. **Plugins** [LSH23]. **Plus** [DTC⁺24]. **Point** [BCGB21, LDM⁺24, BT114]. **Pointer** [HLX23a, LHX21]. **pointers** [OSH04].

points [LH08, MRR05]. **points-to** [LH08, MRR05]. **Poison** [LLZ⁺24]. **Policies** [BBS16, BKHT21, BLW09]. **Polychronous** [GGLT07]. **Polynomial** [NKWF14]. **Ponzi** [ZCZ⁺23]. **Popular** [CCH⁺21]. **Poracle** [IRKY24]. **Portfolio** [MPG⁺13]. **Post** [CDKP21, JMS08, JYZ⁺24]. **Post-release** [JMS08]. **Post-training** [JYZ⁺24]. **Posteriori** [DG17]. **Posts** [ARG17, GXL⁺23, HZX⁺24]. **potentially** [ZXLC14]. **Power** [GSC24, LSV08]. **Powered** [ZOJH21, CCY⁺21]. **Practical** [BCGB21, CWW⁺20, HB22, LYL⁺24, SZH⁺19, SSB20, YXX⁺23]. **Practice** [BUB23, BXL⁺22, OFS24, ELvdH⁺05]. **Practices** [BKHT21, SER24, WHP⁺23, ZTP⁺23]. **Practitioner** [BXL⁺22, HGHM23, PHS⁺24]. **pragmatic** [HW12]. **Pre** [FCG⁺24, GZW⁺23, LLL⁺23, LLT⁺24, LLZ⁺22, WWL⁺23]. **Pre-implementation** [WWL⁺23]. **Pre-Trained** [FCG⁺24, GZW⁺23, LLL⁺23, LLT⁺24]. **Pre-Training** [LLZ⁺22]. **Precise** [AB12, KMYK19, LRCS14, WWY⁺23, XR13, ZZC⁺23]. **Precisely** [MA24]. **Precision** [LHX21, PSW⁺20]. **Precision-Preserving** [LHX21]. **Predict** [FHS⁺24]. **Predicting** [AHGZ23, CM23, LJJ⁺20, LM24, MBH⁺17, TLP⁺22, ZHZ⁺21]. **Prediction** [BK24, CYA22, CXH⁺21, CGZ23, CUHH24, FAP22, GLH⁺24, NXL⁺22, SMY19, TLL⁺23, WWL⁺23, YKY⁺23, ZLL⁺23, ZL13, ZYL⁺18, ZXLC14]. **Predictions** [ZZX⁺21]. **Predictive** [KJHY22, LRCS14, YXL⁺22, HZZ13]. **Preference** [PLP⁺23]. **Preference-wise** [PLP⁺23]. **preliminary** [YTL⁺95]. **presence** [FYD⁺08, FC00, Hie02, OSH04]. **Preservation** [IRKY24]. **Preserving** [LHX21, YHR92]. **Prevalence** [MA14, ZLT⁺22]. **PRIME** [PWD⁺99, MGMM11]. **Principal** [YCG⁺24]. **Principles** [BjØ19]. **Prioritisation** [RFR23]. **Prioritization** [BKD⁺23, CCW⁺23, DLP⁺24, EM15, HZZ⁺14, LDM⁺24, ZZY⁺21, ZCH22, YHC13]. **Privacy** [BBS16, ML00]. **Pro** [YDX⁺24]. **Proactive** [SMBK22]. **Probabilistic** [EM18, LSN⁺23, LSBN24, PBU16, JGB12]. **Probable** [XW22]. **Problem** [IRKY24, SKBD14, XL20, HKMB⁺14, MY13]. **Problematizing** [RFDS24]. **Problems** [CUHH24, ZA23]. **procedure** [BHR95, MGP⁺13]. **Procedures** [LSX⁺24]. **Process** [BCFM06, PVHW17, LDUD13, TG23, TC20, WYW⁺22, ACF97, BCD02, BAD08, CW99, DHW98, GRT09, JPL98, ODV⁺09, PWD⁺99, SR05, SHO95]. **process-centered** [ACF97]. **process-integrated** [PWD⁺99]. **process-oriented** [ODV⁺09]. **Processes** [HGW⁺16, Cia93, CW98, DCS09, FGMP03]. **Processing** [PORH23, ZFL⁺22, LLZ⁺24, ATW94, AFPB24, Bre95]. **Product** [CTA⁺21, DL11, FHS⁺24, HLL⁺16, HLL⁺20, KRM24, XZZL18, XHL⁺24, ZCT18, BJMH02, KATS12, MC08]. **product-lines** [BJMH02]. **Production** [CCH⁺24, SYL⁺23, TBS92]. **Productivity** [RHV24, RHvB24]. **products** [JMS08]. **profiling** [XR13]. **Program** [ASJDW21, BHR95, BK24, CH21, GWD⁺21, GRS⁺16, IRKY24, LZL⁺23, LTLL24, MTRK14, RKBL19, SBS⁺23, TZD⁺24, XW22, YWC16, YLM⁺23, YB20, ZFL⁺22, ZKW⁺23a, ZKW⁺23b, ZFM⁺24, ZH24, BG96, BGH07, BG98, DBGU13, EF05, GN93, HZS08, KM10, LH02, OSH04, SLB⁺21, YHR92]. **Programmed** [EKL⁺19]. **Programmer** [DAL⁺23]. **Programming** [AFY⁺22, DBNG15, BXX⁺20, CWM⁺20, CXH23, FYW24, FTF22, FTF24, KS20, KAT12, MZ09, SP18, TLJZ24, WWL⁺23, WWJ⁺24, XL20, YXK⁺17, HE13, Kli93, RSB05, SHO95]. **Programs**

[BCGB21, BK23, CCXZ23, EK11, GXSC21, GSYT21, HCJ⁺²⁴, IC14, KMYK19, LKR22, NBMK22, SDG⁺²⁴, WWAC23, XFS⁺²⁴, Yu23, CTCC98, CF03, Cor00, DF94, FC00, HZZ13, MP09, PTY95, QRLV12, SMAC08, TS09, YTL⁺⁹⁵]. **Progressed** [GLL⁺²¹, ZYL⁺¹⁸]. **Project** [CM23, LM24, PWB23, ZYL⁺¹⁸, Sin10]. **Projections** [MQLR16]. **Projects** [ACSA23, BSOM24, FAP22, JA22, JEB⁺²³, KCAS23, KCMS24, LASA24, NXL⁺²², PLZ⁺²², RGCS14, SGHM23, SST24, WFW⁺²⁰, WHP⁺²³, WYC⁺²⁴, ZMM⁺¹⁶]. **Promise** [XVN22]. **Promises** [CUHH24]. **Prompt** [CCH⁺²⁴, HSX⁺²⁴, HYX⁺²⁴]. **Prompt-tuned** [HSX⁺²⁴, HYX⁺²⁴]. **Prone** [AROK21]. **Proof** [FC00, RO18]. **proofs** [KKLS02]. **Propagation** [HDKM23]. **Properties** [DPRO23, EHF20, LBZ14, LLSM22, CK99, DCCN04, FPB⁺⁰⁵, JGB12, Sin10, SGE00]. **Property** [CSV13, DDE11, NBB15]. **Prospective** [Pez22]. **Protecting** [LZS⁺²⁴, ML00, ZWGX22]. **Protocol** [LZS⁺²⁴, Ber94, Pet97]. **Protocols** [GGGU21, CJM00, DFG00, PBCT10]. **prototyping** [TY92]. **Prove** [RO18]. **provenance** [MGMM11]. **provenance-aware** [MGMM11]. **Proving** [AB23]. **Pruning** [ZZF⁺²⁴]. **psc2code** [BXX⁺²⁰]. **Psychometrics** [GLFW22]. **PTM** [LLT⁺²⁴]. **PTM-APIRec** [LLT⁺²⁴]. **Publication** [DR15]. **Pull** [BYTS23, KCAS23, KCMS24, MUB⁺²³, PWB23]. **Pull-Based** [KCMS24]. **purely** [FPB⁺⁰⁵]. **PVS** [MPF14]. **PyPI** [GHXZ24]. **Python** [BLS⁺²³, GCC^{+24b}, HAB⁺²⁰].

Q [ZHY24]. **Q&A** [UKR21, YHG⁺²⁴]. **Q-Networks** [ZHY24]. **Q8A** [GXLG21]. **QoS** [VTA04]. **QoS-enabled** [VTA04]. **Qualitative** [AMS⁺¹⁸, DZV⁺²³]. **Quality** [AAP⁺²⁰, CM23, CDKP21, CWM⁺²³, FTF22, HCW⁺²², LLCW⁺²⁴, MBH⁺¹⁷, PLMC23, RSBO23, XHL⁺²⁴, CF03, GL14, MGP⁺¹³]. **Quality-Diversity** [XHL⁺²⁴]. **Quality-oriented** [CWM⁺²³]. **Quantifying** [GZSW19]. **Quantitative** [ZZC⁺²³]. **quantitatively** [CW99]. **Quantum** [FYW24, RSC⁺²⁴, Yu23]. **Queries** [WJZ⁺²³, WGSD07]. **Query** [LXL⁺²², MBH⁺¹⁷, RR23, WPX⁺²³, PJRR10, WGG13]. **Question** [GXG⁺²⁰, GXLG21]. **questions** [KM10]. **Quo** [WFF⁺¹⁹]. **QuoTe** [CWM⁺²³]. **QVM** [AVY11].

Race [CTC⁺²³, JPS22, RD15]. **Random** [EMM24, TAA⁺¹⁹]. **Randomization** [ZWGX22]. **Ranges** [LSN⁺²³]. **Rank** [KMYK19]. **RAPID** [FCG⁺²⁴]. **Rationale** [ZLT⁺²², FBC⁺¹³, YTL⁺⁹⁵]. **RCR** [FMMB23a, HQM⁺²³, RHvB24, WT24b, WNN^{+24b}, ZKW^{+23b}]. **Re** [ZWGX22, KRM24]. **Re-Randomization** [ZWGX22]. **Reachability** [LHX21, ZHXZ24, CK96, CK99, PTY95]. **Reachability-guided** [ZHXZ24]. **Reactions** [BYTS23]. **reactive** [FS93]. **Read** [Liu22]. **Real** [LSN⁺²³, LSBN24, MCKG24, TLJZ24, Cal95, FM94, FP02, GGLT07, MRK⁺⁹⁷, Ost99, Pon02, SLD⁺¹³, WME93]. **Real-Time** [LSN⁺²³, TLJZ24, LSBN24, Cal95, FM94, FP02, GGLT07, MRK⁺⁹⁷, Ost99, Pon02, SLD⁺¹³, WME93]. **Real-world** [MCKG24]. **Reality** [KRM24]. **Realizable** [TDL⁺²⁴]. **Really** [FSM⁺¹⁵, YZP⁺²²]. **Reasoning** [EBE⁺¹⁴, FPB⁺⁰⁵, GZ05, PRM01, CAC08, HN98, RMP97, VTA04]. **Recall** [PSW⁺²⁰]. **ReCDroid** [ZSL⁺²²]. **Recognition** [HSB⁺²³]. **Recommendation** [GXLG21, GXL⁺²³, GCC^{+24a}, LLT⁺²⁴, SIB23, WYW⁺²², YHG⁺²⁴]. **Recommendations** [OPK⁺²¹, PDHR23]. **Recommenders** [AM11]. **Recommending** [DR11, JZL^{+19a}, SYA21, STS⁺¹⁸].

recompilation [ATW94, Bre95].
Recomposition [BBS16]. **Reconciling** [SN92]. **Recovering** [DFOT07]. **Recovery** [LYL⁺24]. **reduce** [Cor00]. **reduced** [Ber94, Pet97]. **Reducing** [AM11].
Reduction [TZD⁺24, ZWL⁺22, DBDS94].
Redundancy [CGPP15, SLWZ24, HZZ13].
Reengineering [Sne96, CF03]. **Refactor** [PZS⁺20]. **Refactoring** [AB23, DG18, FSP⁺13, LLG23, OKS⁺16, TDT⁺22, VBZ⁺18, SGL12]. **Refactorings** [PLZ⁺22]. **referees** [ACM05]. **reference** [BCC92]. **Refinement** [ASJDW21, Ban23, LXS⁺24, ZNZ⁺23, Ost99].
refinements [SB02]. **Refining** [LLCW⁺24].
Reflection [LTX19, Pez22, SLB⁺21].
reflective [LL00]. **Reformulations** [RR23].
region [DER10]. **RegionTrack** [MWP⁺21].
regression [BRR01, GHK⁺01, Mem08, RH97, REM⁺04].
regulator [KGA⁺12]. **Regulation** [KAS20].
Regulatory [GL11]. **Reifying** [Jéz99].
reimplementation [CF03].
Reinforcement [BT22, BT24, FCLL21, GCC⁺24a, RMCT22].
Reject [PLZ⁺22]. **related** [CSB⁺24, HGHM23]. **Relatedness** [MB15].
Relation [HSX⁺24]. **Relational** [MWK15, FPB⁺05]. **Relationships** [HB22].
Relative [HAB⁺20, MB20]. **Relaxation** [BLBB24]. **Relaxed** [JPS22]. **Release** [OL22, ZHO⁺18, HKMB⁺14, JMS08].
Relevance [OSD⁺23]. **relevant** [MPG⁺13].
Reliability [KDM23, LTLL24, ZL13, JMS08, PMM⁺99, Wey96]. **Reliable** [LZL⁺23].
Remodularization [CBRO16, MKS⁺15].
Remote [SBBL23, WT24a, WT24b].
Remote-Code [SBBL23]. **Removal** [WRD⁺22]. **Removing** [LCZL14, HZZ13].
Renaming [ZLL⁺23]. **Renamings** [DLY⁺23]. **Repair** [AFY⁺22, CTC⁺23, FNT⁺24, GWD⁺21, GYY⁺24, GCC⁺24a, IRKY24, LZL⁺23, NBB15, OPK⁺21, PVHW17, SKY23, YLM⁺23, YABLR20, YB20, ZFM⁺24, ZWT⁺24, ZH24].
Repairing [LXW⁺24, QWG⁺23, Mem08].
Replicability [LGX⁺22]. **Replication** [NXL⁺22, RRPW21]. **Report** [FMMB23a, HQM⁺23, RHvB24, WT24b, WNN⁺24b, ZHV⁺23, ZKW⁺23b, AM11, KKP⁺23].
Reported [DZV⁺23]. **Reports** [AHGZ23, KS20, SXX⁺24, ZSL⁺22].
Repositories [GZW⁺23, HSC⁺24, Hen97].
Repository [DNRN15, SBS⁺23].
Representation [BC23, EW11, HZX⁺24, KKP⁺22, LLZ⁺22, WLS⁺20, ZLS⁺23].
representations [BGL00]. **Representing** [RM07, DER10]. **Reproducibility** [LGX⁺22]. **Reproducing** [JO15].
Reproduction [ZSL⁺22]. **Request** [BYTS23, PWB23]. **Request-Issue** [PWB23]. **Requests** [KCAS23, MUB⁺23].
Required [LK14]. **Requirements** [BLBB24, DPB17, GL11, HGHM23, LKRF22, DGD⁺19, RST⁺14, WFF⁺19, ZZY⁺21, CRST12, CD98, GM01, GZ05, HJL96, SMT92, SR05, UFG14, ZJ97].
Resampling [SMY19]. **Research** [CL22, MS22, PDHR23, SF18, WCP⁺22, EAS08, ELvdH⁺05, RSB05]. **Residual** [LRCS14]. **Resilient** [GHM18]. **Resistance** [GZSW19]. **Resolution** [BFFG19].
Resolving [AHGZ23]. **Resource** [WRD⁺22]. **Resource-constrained** [WRD⁺22]. **Respect** [DLY⁺23]. **Response** [GZX⁺22, TAW95]. **Responses** [LSB⁺23].
REST [MZA22, ZA22]. **RESTful** [Arc19, GZA24, ZA23]. **restructuring** [BG98, GN93]. **Result** [BLS⁺23]. **results** [DO93, PJRR10]. **Retain** [WWAC23].
retargetable [Dev99]. **Retention** [ZMM⁺16]. **Retraining** [AFPB23].
Retrenchment [Ban23]. **Retrieval** [MBH⁺17, SURL11, WXL⁺21, WSG⁺23, ZWCH21, ZLP⁺24, DFOT07, PGM12].
Retrieval-based [WXL⁺21]. **Retrieving** [PP93, WJZ⁺23]. **Retrospective** [Pez22].
Return [ZWGX22]. **reusable**

[BO92, PP93]. **Reuse** [FSP⁺¹³, HLX^{+23b}, DGD⁺¹⁹, VHNf22, EF05, Hen97, HW12, MC08, OHDB92]. **Reusing** [HGx^{+24b}, QSZG24]. **Reveal** [HLX^{+23b}]. **Revealing** [MRO⁺²³]. **reverse** [AM04]. **Review** [AMV23, CCS24, GZX⁺²², LCS⁺²², RR23, RGCS14, SBMK21, TG23, WCP⁺²², WCJL23, HBB⁺⁰⁹]. **Reviewers** [ACM03]. **Reviews** [BUB23, CCH⁺²¹, STDB23]. **revisit** [CCX11]. **revisited** [GD08]. **Revisiting** [MB20, SYL⁺²³]. **Rewards** [PBU16]. **rewriting** [VKV03]. **RFC** [TCDZ19]. **RFC-guided** [TCDZ19]. **rich** [RKBL19]. **Rigorous** [CSFB24]. **Rise** [LGC⁺²³, WCJL23]. **Risk** [GL11, LBZ14, MGP⁺²², XCKX13]. **Risks** [ZWZ⁺²⁴]. **Roads** [LSM23]. **Robotic** [AMV23]. **Robust** [NAF⁺²³]. **Robustness** [ABC⁺²², HAY⁺²³, HML23, WWAC23, ZYZ⁺²⁴, ZFL⁺²², ZZS⁺²²]. **Role** [SPAS21, GJ08]. **Route** [LSM23]. **router** [CR94]. **RPC** [ZAL⁺²³]. **RPC-Based** [ZAL⁺²³]. **Rule** [GYY⁺²⁴, ZZL⁺²⁴, Cia93, Kip92, MM13]. **Rule-Based** [GYY⁺²⁴, Cia93, Kip92]. **Rules** [ARG17, MFL12, KK04]. **Run** [ZHZ⁺²¹]. **Run-time** [ZHZ⁺²¹]. **Runtime** [AVY11, BLS11, BSOM24, EKL⁺¹⁹, XMA⁺¹⁴, ZCW⁺²⁴, ZWGX22, BLW09]. **Rust** [CXH23, CCXZ23, XCS⁺²², ZWZ⁺²⁴].

SAEO [GSYT21]. **Safe** [LSN⁺²³, LSBN24, BRR01, BTI14, RH97]. **SafeDrop** [CCXZ23]. **Safety** [AFPB23, AFPB24, CYM⁺²⁴, DZV⁺²³, FPBS23, KSFC24, NA24, RFDS24, XCS⁺²², BFN⁺¹⁴, CK99, SGE00, SRK06]. **Safety-critical** [FPBS23, NA24]. **SAFKASI** [WAF00]. **Saltzer** [PDHR23]. **Sample** [ZLW⁺²¹]. **Sampling** [DDE11, PP93, PMM⁺⁹⁹]. **Sanity** [WYMW20]. **Sapper** [CCH⁺²⁴]. **SAT** [AGRR19, XZZL18]. **SAT/SMT** [AGRR19].

satisfiability [BM13, PMS13]. **Sator** [BPT10]. **SBST** [ZBA23]. **Scala** [ARL⁺¹⁵]. **Scalability** [CCRZ23]. **Scalable** [FCLL21, LXS⁺²⁴, WWZ⁺²², XMA⁺¹⁴, BRRP05, HKMB⁺¹⁴, HAB13]. **Scale** [BNB14, DNRN15, FA14, LJL⁺²⁰, LLZ⁺²², MAL24, RFDS24, SST24, VLJ⁺¹⁸, WT24a, WT24b, MNB⁺²², PSV01, Rus21, YZP⁺²²]. **Scaling** [HZZ13, LCZL14, TDL⁺²⁴]. **Scanner** [YXM⁺²³]. **Scenario** [UKR21, UKM04, WJ10]. **scenario-based** [UKM04]. **Scenarios** [MHK11, NA24, SER24, UKM04]. **Schedule** [MQLR16]. **Schema** [MWK15, NL11]. **Schemas** [QT12]. **Schemes** [TZD⁺²⁴, ZCZ⁺²³]. **Schroeder** [PDHR23]. **Science** [BPD⁺²⁴]. **Scientific** [CFP⁺²⁴, CY11, EF05, LYCY14]. **Scope** [MB20]. **Scoping** [WPX⁺²³]. **Scores** [RO18]. **Screen** [RST⁺¹⁴]. **Screencasts** [BXX⁺²⁰]. **Scripts** [RRPW21, RO18]. **Scrum** [VR23]. **SEADS** [FCLL21]. **SEAL** [SBS⁺²³]. **Search** [AAP⁺²⁰, AG22, AVAS23, BS16, CCX⁺²⁰, CL23b, FCG⁺²⁴, FFM24, GHX⁺²⁴, KFY24, OKS⁺¹⁶, RR23, RSC⁺²⁴, SYA21, SMBO21, SURL11, SKY23, SED14, TC20, WPX⁺²³, XLD⁺²⁴, XL20, ZYL⁺²³, ZHO⁺¹⁸, ZZY⁺²¹, ZA22]. **Search-Based** [FFM24, OKS⁺¹⁶, SMBO21, SKY23, ZA22, AAP⁺²⁰, AG22, AVAS23, CL23b, KFY24, XL20]. **Searching** [GXL⁺²³, LXL⁺²², MCB⁺²³, MPG⁺¹³, ZZX⁺²¹]. **second** [TPT13]. **second-order** [TPT13]. **section** [NP08]. **Secure** [ZQS⁺²³]. **Securing** [ZCZ⁺²³]. **Security** [AMGBK22, LSB⁺²³, PDHR23, RRPW21, RSBP23, RPT⁺²², SGR⁺²³, SIB23, ZQS⁺²³, ZWZ⁺²⁴, ZSW⁺²², BDL06, BLW09, CJM00, WAF00]. **See** [KKP⁺²²]. **Seed** [ZXS⁺²⁴]. **Seeding** [AVAS23]. **Seeds** [AVAS23]. **Seeing** [YLM⁺²³]. **segments** [LS13]. **Selecting** [PLMC23]. **Selection** [AVAS23, HLL⁺¹⁶, HGC⁺²², HGX^{+24b}, JS23, LD24, LMY⁺²⁴, MPT⁺²¹, ZXS⁺²⁴,

BRR01, CY11, GHK⁺⁰¹, RH97]. **selective** [ATW94, Bre95]. **Self** [BKD⁺²³, CLBY18, CXLG22, GLL⁺²¹, PBC24, RXX⁺¹⁹, WI23, PJRR10]. **Self-Adaptive** [CLBY18, WI23]. **Self-Admitted** [RXX⁺¹⁹, GLL⁺²¹]. **self-assessment** [PJRR10]. **Self-debugging** [PBC24]. **Self-Destruct** [CXLG22]. **Self-driving** [BKD⁺²³]. **Selfdestruct** [CXLG22]. **sem2vec** [WMW⁺²³]. **Semantic** [BAD08, CLL⁺²², HLX^{+23b}, MB15, PJRR10, SLWZ24, WSG⁺²³, YXX⁺²³, YHL⁺²², ZMC⁺²⁴, MG00, KKP⁺²²]. **Semantic-aware** [ZMC⁺²⁴]. **Semantic-Based** [CLL⁺²²]. **Semantic-Enriched** [HLX^{+23b}]. **Semantics** [EHF20, LXL⁺²², LK14, SZH⁺¹⁹, WMW⁺²³, XTW⁺²³, YFD⁺²³, HN96, YHR92]. **Semantics-aware** [WMW⁺²³]. **semantics-preserving** [YHR92]. **SemMT** [CLL⁺²²]. **Sense** [SGR⁺²³]. **Sensing** [BZSW14]. **Sensitive** [HLX23a, LKR22, LHX21, SGD15, SCL⁺²³, ZHS⁺²³, Bro93, Cal95, For94, LH08, TPT13]. **Sensitivity** [LHX21, HKMB⁺¹⁴, MRR05]. **Sentiment** [CCY⁺²¹, UGKR22]. **Sequence** [RGS12, LK14, Mem08]. **sequence-based** [Mem08]. **Sequences** [HT17]. **sequencing** [OO92]. **Sequential** [DDI22, LXL⁺²²]. **Serializable** [MWP⁺²¹]. **Serverless** [BPSSA⁺²², LWC⁺²³, WCJL23]. **Service** [HQM⁺²³, LWC⁺²³, QHM⁺²³, BPT10, DPT13, FGL⁺¹², HWH14, PBCT10]. **service-oriented** [FGL⁺¹²]. **Services** [ZL13, BKM07]. **sets** [Hie02]. **Severity** [SXX⁺²⁴]. **sGuard** [GYG⁺²⁴]. **Shadow** [KPC18]. **shape** [Cor00]. **Share** [TLJZ24]. **Shot** [FCG⁺²⁴]. **Should** [CCH⁺²¹, ZWL⁺²⁴]. **shuttle** [CD98]. **Side** [EWS14, GZSW19, GSC24, NKL⁺²⁴]. **Side-Channel** [EWS14, GSC24, GZSW19]. **Signal** [SZZ⁺²³, BRG⁺⁰¹]. **Signature** [ZW95]. **Significance** [YKY⁺²³]. **Significant** [HZBS14]. **Similarity** [JFJ⁺²³, KS22, NAF⁺²³, TLP⁺²², YXX⁺²³, YDX⁺²⁴, ZHXZ24, OHDB92]. **Similarity-based** [NAF⁺²³]. **Simpler** [YCG⁺²⁴]. **simplified** [JW94]. **Simulating** [FS93, KDM23]. **Simulation** [Ban23, EHF20, KKLS02]. **Simulator** [FPBS23]. **Simulator-based** [FPBS23]. **Single** [BKD⁺²³, ZCT18]. **SIP** [HLL⁺¹⁶]. **Site** [GXLG21, YHG⁺²⁴]. **Sites** [UKR21]. **Six** [Pez23]. **Size** [LLLM23, BGH07, GD08, HGS93, MGP⁺¹³, TZZ09, ZXLC14]. **slice** [BGH07, MB07]. **slice-based** [MB07]. **slices** [BFN⁺¹⁴]. **Slicing** [SNM23, XMA⁺¹⁴, GSH97, LH02, TD01]. **slicing-based** [TD01]. **SLR** [PDHR23]. **Small** [HZBS14, Sin10]. **small-world** [Sin10]. **Smalltalk** [CL94]. **Smart** [AGHC⁺²², ASJA23, CXLG22, CYM⁺²⁴, GYY⁺²⁴, GCC^{+24a}, HSB⁺²³, HLX^{+23b}, YABLR20, ZOJH21, ZCZ⁺²³]. **SMC** [SGE00]. **Smell** [SKBD14]. **Smells** [AROK21, DLT⁺²³, HZBS14, NMA⁺²³, RRPW21, YHXY24]. **SMT** [AGR19, CH21]. **SNIAFL** [ZZL⁺⁰⁶]. **Snippet** [GXL⁺²³, GCH⁺²⁴]. **Snippets** [GXG⁺²⁰]. **SNOW** [Liu22]. **SNOW-optimal** [Liu22]. **Socio** [JA22]. **Socio-Technical** [JA22]. **Sociotechnical** [KAS20]. **Software** [AAP⁺²⁰, AHGZ23, BNB14, BPD⁺²⁴, BXL⁺²², BSA22, BKHT21, Böh18, CL22, CBRO16, CTA⁺²¹, CLBY18, CCY⁺²¹, CL23a, CL23b, CWH⁺²¹, CSW21, CFP⁺²⁴, CW99, CFL⁺¹⁶, CZ19, DZV⁺²³, DHW98, DLY⁺²³, DR15, DNRN15, EWS14, EM18, EF05, EW11, FSZ⁺²², FFM24, FSM⁺¹⁵, FTF22, FTF24, GZSW19, GLFW22, GGHM24, HGHM23, HLL⁺²⁰, HH95, JPS22, JEB⁺²³, KS22, KDM23, KRM24, KPC18, LLLM23, LD24, LMY⁺²⁴, LCS⁺²², LGX⁺²², LGC⁺²³, LSB⁺²³, LM24, MNB⁺²², MFBF⁺²², MGP⁺²², MFLL12,

MBH⁺¹⁷, MY13, MB20, MKS⁺¹⁵, MZW⁺²³, MKR⁺²³, MP14, OSB24, OKS⁺¹⁶, Pez24a, RKBL19, RGCS14, RAE⁺²⁴, RFDS24, Rus24, SP18, SLWZ24, STS⁺¹⁸, SMY⁺²⁴, SBMK21, SMBK22, SMY19, SF18, SGhWG22, TDT⁺²², TWS⁺²², UGKR22, VHNF22, WB13, WPB19, WCP⁺²², WSG⁺²³, WOM15, XZZL18, XHL⁺²⁴, XGF⁺²³, XL20, YXL⁺²², YQTR15, ZSHD20, ZHZ⁺²¹, AAG95, ACF97].

software [BCTW96, BO92, BGO⁺¹⁴, BCD02, CS12, CTC01, CM08, Cia93, CW98, CDP04, CD98, DvdHT05, DFOT07, DCCN04, ELN⁺⁹², ELvdH⁺⁰⁵, FK96, FLM⁺⁹⁸, GJ08, Gun00, HBB⁺⁰⁹, Hen97, HW12, JPL98, JMS08, KK93, LASL13, LSV08, MMST14, MRRR02, MSW12, MFH02, MC08, NLR11, NP08, Off92, ODV⁺⁰⁹, PSV01, PP93, PMM⁺⁹⁹, PSMV98, Rob08, RSB05, SRK06, SN92, SHO95, TZZ09, Tiw08, TBS92, UFG14, VD13, WP93, WGG13, XM07, XR13, ZW95, ZW97, DKD21]. **Software-2.0** [DKD21].

Software-Defined [OSB24]. **Software-engineering** [XL20]. **Solution** [LJL⁺²⁰]. **Solutions** [LLS⁺²¹, XL20]. **Solved** [XCS⁺²²]. **solver** [KGA⁺¹²]. **Solvers** [XZZL18]. **Solving** [AGRR19, CH21, EMM24, SSB20, SED14, XL20]. **Some** [AVAS23, HZBS14]. **Sound** [MWP⁺²¹, XL20]. **Source** [AHGZ23, BSA22, BKHT21, CWM⁺²⁰, DNRN15, GGH⁺²³, HNRA20, HSC⁺²⁴, KS20, KCAS23, KCMS24, KJHY22, LLL⁺²³, LMY⁺²⁴, LLT⁺²⁴, MB15, PZS⁺²⁰, PLZ⁺²², RSBP23, RR23, RGCS14, SGR⁺¹⁵, SRTR17, SED14, SFC⁺²⁴, SZZ⁺²³, TWS⁺²², WLS⁺²⁰, WFW⁺²⁰, WBRH23, XGF⁺²³, ZHS⁺²³, LLZ⁺²⁴, Dev99, DER10, JEB⁺²³, MFH02, MN96, RM07, SGG⁺¹⁴, Sin10, SAB⁺¹⁴, WYC⁺²⁴]. **Source-Code** [DNRN15, SGR⁺¹⁵, SGG⁺¹⁴].

SourcererJBF [MAL24]. **sources** [PSMV98]. **Space** [STS⁺¹⁸, ZRGT23, CD98, DBDS94]. **Spaces** [OBH24, WSG⁺²³]. **Special** [HP15, MP14, NP08]. **specialization** [SS02]. **Species** [Böh18]. **Specific** [OFS24, ZZW⁺²³, BJMH02, BGL00, HZS08, SS06]. **Specification** [KAS20, KL21, XW22, ZW97, Bro93, CDSM10, CL94, CR94, ELN⁺⁹², FN03, Kuh99, LY05, MS94, PPP94, RMP97, TK02, WME93]. **specification-based** [Kuh99, LY05, TK02]. **Specifications** [EHF20, PSW⁺²⁰, CCX11, DSV03, FM94, HJL96, HRD08, HN98, Jac95b, KB07, MMST14, MS03, Pon02, PMS13, UKM04, WP93, FPGA07]. **specify** [CFM00]. **Specifying** [PSZ21, DKM⁺⁹⁴]. **spectra** [NLR11]. **spectra-based** [NLR11]. **Spectrum** [TSPRC18, YXK⁺¹⁷, MSW12, XCKX13]. **Spectrum-Based** [TSPRC18, YXK⁺¹⁷, XCKX13]. **Speculative** [WCB⁺²⁰]. **Speed** [ODE21, TZD⁺²⁴]. **Speeding** [TTL⁺²¹]. **spi** [DSV03, ZSW⁺²²]. **Splitting** [LLS⁺²¹]. **spreadsheet** [FRB⁺⁰⁶]. **spreadsheets** [RBL⁺⁰¹]. **Spurious** [JCNS24]. **SQL** [AG20, TG24]. **SSL** [NWZ⁺²³, TCDZ19]. **SSL/TLS** [NWZ⁺²³, TCDZ19]. **Stack** [AEK⁺¹⁶, ARG17, GXG⁺²⁰, GXL⁺²³, HZX⁺²⁴, WJZ⁺²³, YZP⁺²², ZWCH21]. **Stacks** [ZWGX22]. **STADS** [Böh18]. **Stages** [LSN⁺²³, LSBN24]. **Stale** [KCMS24]. **Stand** [UGKR22]. **Stand-alone** [UGKR22]. **Standard** [WWAC23]. **start** [LWC⁺²³]. **State** [ASJA23, EM18, HQM⁺²³, MS14, OFS24, PSZ21, QHM⁺²³, RWEB19, WB13, Cor00, DBDS94, WJ10]. **State-Aware** [HQM⁺²³, QHM⁺²³]. **State-Based** [WB13]. **statecharts** [BRG⁺⁰¹, HaK92, HN96]. **Stateful** [BPSSA⁺²², SLD⁺¹³]. **STATEMATE** [HN96]. **Statement** [BC23]. **Statement-Based** [BC23]. **States** [LCZL14]. **Static** [CTC⁺²³, CCXZ23, HNRA20, IWY00, KMYK19, LZL⁺²³,

RD15, RWEB19, RSC⁺²⁴, RM03, VLJ⁺¹⁸, WGSD07, ZCZ⁺²³, BGH07, FPB⁺⁰⁵, GSH97, MNGL98, OO92, ZYL⁺⁰⁶. **Statically** [CWH⁺²¹, CCVLW23]. **Statistical** [OBH24, RGCS14, ZNZ⁺²³]. **Status** [CYM⁺²⁴, WFF⁺¹⁹]. **Step** [BS16, SLB⁺²¹]. **Stepwise** [EK11]. **Stochastic** [CFL⁺¹⁶]. **Storage** [ASJA23, ZWGX22]. **Strategies** [AVAS23, JCSA23, JCNS24]. **strategy** [JW94]. **Stratified** [DPRO23, PMM⁺⁹⁹]. **StreamGen** [GTD21]. **Streaming** [GTD21]. **strength** [MP09]. **Stress** [DBNG15, MSM⁺²⁴]. **string** [TPT13]. **strings** [KGA⁺¹²]. **Strong** [AVAS23]. **Structural** [Kip92]. **Structure** [GGH⁺²³, GRS⁺¹⁶, WB13, RM03]. **Structure-Guided** [GGH⁺²³]. **Structured** [Yu23, BP98]. **Structures** [JEB⁺²³, KDM17]. **Structuring** [Jac95b]. **Stub** [ZWT⁺²⁴]. **Stubborn** [CPCT21]. **StubCoder** [ZWT⁺²⁴]. **Studies** [Cai20, DAL⁺²³, SPAS21, BM07, CD98, HBB⁺⁰⁹, MFH02]. **Studio** [TLJZ24]. **Study** [AROK21, AMGBK22, BYTS23, BSOM24, BAJA23, CWM⁺²⁰, CCH⁺²¹, CZSH23, CXH23, DKD21, EHEZ21, FAP22, FSM⁺¹⁵, GZW⁺²³, GGHM24, GLL⁺²¹, HGC⁺²², HGD⁺²³, JEB⁺²³, KRM24, KCAS23, KCMS24, KSFC24, LLSM22, LASA24, LLS⁺²¹, NXL⁺²², ODE21, OKS⁺¹⁶, PORH23, PZS⁺²⁰, RRPW21, RSBP23, RAE⁺²⁴, Rus21, SBBL23, SGHM23, TLJZ24, TTL⁺²¹, TWB⁺¹⁹, UGKR22, VCP⁺²³, VLJ⁺¹⁸, WYC⁺²⁴, XCS⁺²², YZP⁺²², ZTP⁺²³, ZOJH21, ZE14, ZHO⁺¹⁸, ZA22, ZAL⁺²³, ZMM⁺¹⁶, BJMH02, BRR01, BGH07, CF10, GHK⁺⁰¹, MB07, MNGL98, PSV01, SMT92, SR05, Tiw08, TBS92, XM08, ZXLC14]. **Studying** [OSD⁺²³]. **style** [AAG95]. **Subject** [DPB17]. **Suboptimal** [WHP⁺²³]. **Substantial** [WWAC23]. **Subtle** [ZSWS23]. **Success** [Rus21, Sin10]. **Successful** [JA22]. **Such** [RCAH23]. **Sufficient** [MCB⁺²³, OLR⁺⁹⁶]. **Suggestion** [ODE21, ZLL⁺²³]. **Suite** [HLL⁺²⁰, XHL⁺²⁴, Ber94, HGS93, Pet97, REM⁺⁰⁴, XL20, YTL⁺⁹⁵]. **Suites** [GGZ⁺¹⁵, ZWL⁺²⁴, Mem08]. **Summaries** [CTC⁺²³, PXJ17]. **Summarization** [CXH⁺²¹, GGH⁺²³, SFC⁺²⁴, ZLP⁺²⁴]. **Super** [AGHC⁺²²]. **Super-optimization** [AGHC⁺²²]. **Supervisors** [WT24a, WT24b]. **Supply** [GHXZ24]. **Support** [DBNG15, JO15, SURL11, ZCT18, BFN⁺¹⁴, HWH14, MS03, RM03]. **Supporting** [AFPB24, BG98, DR10, SMY⁺²⁴, Ham09, MPR06]. **Surprise** [Kfy23]. **Surrogate** [BT24]. **Survey** [BUB23, CZH⁺²⁴, GZA24, HGX^{+24a}, MFBF⁺²², PKHM22, TZZ⁺²³, TWS⁺²², XLD⁺²⁴, ZFM⁺²⁴]. **Surveys** [WFF⁺¹⁹]. **Sustainability** [BPD⁺²⁴, Cai20]. **Symbolic** [AEK⁺¹⁶, BHB16, CPCT21, Esh06, KPC18, LCZL14, RGS12, WCB⁺²⁰, YPRK14, BGL00, CDEG03, QNR13, SMAC08]. **symmetry** [SGE00]. **symmetry-based** [SGE00]. **symposium** [NP08]. **Synchronisation** [AGRR19]. **Synchronization** [YKY⁺²³, YXM⁺²³]. **Syntactic** [DTC⁺²⁴, ZZF⁺²⁴]. **Synthesis** [LXW⁺²⁴, MMST14]. **synthesized** [PWX14]. **Synthesizing** [DBPU13, WJ10, XW22, DL13]. **Synthetic** [SMY19]. **SysML** [BFN⁺¹⁴]. **System** [AG20, BLX⁺²⁰, BSOM24, CYA22, CCS24, KFY23, LBZ14, PBU16, SSB20, TZZ⁺²³, ZA22, ZCT18, BGdV92, CDSM10, IWY00, MMST14, MG00, OHDB92, RVMRM04, TBS92, WME93]. **system-level** [MMST14]. **Systematic** [AMV23, CCS24, LCS⁺²², RR23, SBMK21, TG23, VHNF22, WCP⁺²², WCJL23, HBB⁺⁰⁹, MS03]. **Systematically** [YLM⁺²³]. **Systematizing** [HW12]. **SystemC** [YJW⁺²⁰]. **Systems** [AMS⁺¹⁸, AGRR19, AMV23, AFHC22, AVY11, AHGZ23, BNB14, BT22, CLL⁺²², CCS24, CWM⁺²⁰, CWM⁺²³, CGZ23, DL11,

DPB17, DDI22, EKL⁺¹⁹, EMM24, FPBS23, FDC⁺²¹, FCLL21, GGPR24, HAY⁺²³, KAS20, KSFC24, LKA⁺²³, LSN⁺²³, LSBN24, LMY⁺²⁴, MPT⁺²¹, MSM⁺²⁴, MCM24, MFBF⁺²², NWB⁺¹⁸, OSD⁺²³, PSW⁺²⁰, SYA21, SER24, TG11, WI23, XAY23, XTW⁺²³, YBZK21, ZTP⁺²³, ZHZ⁺²¹, ZRGT23, BO92, BCD02, Bro93, Cal95, CMP13, CY11, CFM00, CRST12, CDFG96, DFOT07, DJ97, DKM⁺⁹⁴, DCCN04, FM94, FP02, FS93, GM01, JGB12, Kip92, KK04, LYC14, MU00, MS94, MRK⁺⁹⁷, Ost99, ODV⁺⁰⁹, Pon02, RM03, SLD⁺¹³, TZZ09, THHB06, WAF00, ZJW03]. **SZZ** [GLH⁺²⁴].

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GSC24, HGW⁺¹⁶, LKR22, LD24, Liu22,

LXS⁺²⁴, NBB15, QT12, RBPG23, YXX⁺²³,

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HSX⁺²⁴, JYZ⁺²⁴, JWC⁺²⁴, KAS20,

KJHY22, LLLM23, LXW⁺²⁴, NA24,

PWX14, PLP⁺²³, PWB23, SMY19,

TDL⁺²⁴, TWB⁺¹⁹, WCB⁺²⁰, WWY⁺²³,

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