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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]. *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, 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** [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]. **Adversarial** [KL21, ZCL⁺²⁴, ZZS⁺²²]. **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** [MFBF⁺²², OHDB92, PHS⁺²⁴]. **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, MPP14, Jac02].
alone [UGKR22]. **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, ASJA23, BK24, Bjø19, CCW⁺²³, 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, RHV24, RHvB24, SEM17, SBS⁺²³, SGD15, SLB⁺²¹, TDL⁺²⁴, VLJ⁺¹⁸, WWY⁺²³, YXX⁺²³, YXK⁺¹⁷, YBL15, ZHS⁺²³, ZYC⁺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, FPG07, MVM07]. **analyze** [CFM00]. **Analyzing** [LTX19, OL22, DFG00]. **Anatomy** [SGhWG22]. **Anchor** [WWY⁺²³]. **Android** [ABC⁺²², GHM18, GJS⁺²³, LVBBC⁺¹⁸, LZF⁺²⁴, MCKG24, PLP⁺²³, PGZ⁺²⁰, RMCT22, SLB⁺²¹, SCL⁺²³, WCG⁺²¹, ZLW⁺²¹, ZSL⁺²², ZWY⁺²¹]. **annotation** [KATS12]. **annotation-based** [KATS12].
Annotations [IC14, ODE21].
announcement [SPAK10]. **Announcing** [Pez23]. **Anomalies** [ZHZ⁺²¹]. **Anomaly** [XAY23]. **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, ZOJH21, 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, PKMY24, XL20, ZLP⁺24, YHC13]. **approximation** [JGB12]. **Apps** [CCH⁺21, HHC⁺24, LVBBC⁺18, MCKG24, PLP⁺23, RMCT22, SLB⁺21, SCL⁺23, ZSL⁺22]. **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** [ZHxz24]. **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, GM01, GN93, HJL96, HAB⁺20, 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]. **Autotuning** [ZHC24]. **Avoiding** [Hie06]. **Aware**

[HAY⁺23, HGC⁺22, HQM⁺23, KAT12, LWWM22, MS15, QHM⁺23, VLJ⁺18, WYW⁺22, CYA22, DFB99a, DFB99b, HZB⁺24, MGMM11, PKMY24, WYMW20, WXL⁺21, WMW⁺23, ZMC⁺24].
Awareness [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, DDE11, DTC⁺24, EMM24, FFM24, GZX⁺22, 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, 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⁺24, 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, RKBL19, SLWZ24, SS06, SGE00, SB02].
based [Sne96, TZZ09, TPT13, THHB06, TD01, TK02, UKM04, WAF00, WXL⁺21, WSG⁺23, WI23, XM07, XCKX13, XAY23, XL20, YDX⁺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** [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** [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, GHM24, 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** [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, XLW⁺22, YHXY24, ZCW⁺24]. **Charts** [RGS12]. **Chatbot** [CLMPS⁺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]. **Chief** [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]. **Cloud** [LJL⁺20]. **cluster** [CTC01]. **Clustering** [AFPB23, CLMPS⁺24]. **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, FTF22, GXG⁺20, GGH⁺23, GXL⁺23, GLL⁺23, GHX⁺24, GCC⁺24, GCH⁺24, HNRA20, HZBS14, HAB⁺20, HCW⁺22, HLX⁺23b, HYX⁺24, KS20, KKP⁺22, KJHY22, LLL⁺23, LLT⁺24, LWWM22, LLZ⁺22, LXL⁺22, 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, YZY⁺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** [WXL⁺²¹]. **Commitments** [EBE⁺¹⁴]. **Commits** [ZSW⁺²²]. **Common** [MGP⁺²²]. **communicating** [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** [MUB⁺²³, PLM15, WYMW20, XSA⁺²⁴]. **Completion-aware** [WYMW20]. **Complex** [BS16]. **Component** [SEM17, 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, 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** [AGR19, 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** [RBPG23]. **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⁺24, HLX⁺23b, YABLR20, ZOJH21]. **Contracts** [AGHC⁺22, ASJA23, CXLG22, 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, XLW⁺22, ZHXZ24, YHC13]. **Coverage-Based** [GGZ⁺15, SVDHB23, 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].

Dahl [Ano02]. **DAISY** [ZHS+23]. **Dark** [MCKG24, ZJ97]. **DARWIN** [QRLV12]. **Data** [BHB16, BLBB23, BLBB24, CYA22, CCY+21, CTC+23, CCXZ23, DPB17, DLY+23, FTF23, 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, 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]. **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]. **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, BPT10,

CCX⁺20, EK11, HDKM23, KDM23, LSN⁺23, LSBN24, Liu22, DDGR18, MFLL12, 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, 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, SLWZ⁺24, SXX⁺24, SZZ⁺23, UGKR22, WWZ⁺22, XMA⁺14, XAY23, XGF⁺23, YXX⁺23, YDX⁺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]. **determination** [OLR⁺96]. **deterministic** [HT17]. **Developer** [BFFG19, BAJA23, CDKP21, CCY⁺21, EHEZ21, GGHM24, KS22, 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** [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]. **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, KFY24]. **Do** [CMM⁺15, CXLG22, CL23a, JA22, LYC14, 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, 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, XMA⁺¹⁴, ZHS⁺²³, CY11, DR10, FC00, FPB⁺⁰⁵, GSH97, PJRR10]. **Dynamic-Analysis-Induced** [ZHS⁺²³]. **Dynamic-typed** [HCJ⁺²⁴]. **dynamically** [WGS07]. **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, MFL12, 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, 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]. **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, CL22, CCS24, CL23b, DG17, DL11, DR15, FTF22, FTF24, GLFW22, HGHM23, LGX⁺²², LGC⁺²³, MFBF⁺²², MBH⁺¹⁷, MP14, OKS⁺¹⁶, Pez24a, 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]. **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]. **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, 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]. **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, DiI93, 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** [RXX⁺19]. **Explainable** [WPX⁺23]. **Explaining** [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]. **Extraction** [ASN19, 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, Wey96]. **Failure-Causing** [NL11]. **Failures** [HMW23, JO15, JCNS24, LJL⁺20]. **Fair** [MCB⁺23]. **Faire** [LXW⁺24]. **Fairness** [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, 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]. **Field** [DPB17, JO15]. **Fields** [BLBB23]. **File** [DGZ24]. **Filling** [BLBB23]. **Filtering** [EMM24]. **Finding** [OBH24, TZW⁺23, CSX08]. **Fine** [PGZ⁺20, BRR01, DL13]. **Fine-grained** [PGZ⁺20, 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** [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, 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, 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, LS13, WGS07].**Generating** [ARG17, DRW96, GXG⁺²⁰,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, MZA22, MGTR18, SMBO21,SWW⁺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]. **Generator** [NKWF14, DO93].**Generic** [CWM⁺²⁰, LL00]. **Genetic**[DBNG15, YXK⁺¹⁷]. **GENOA** [Dev99].**Git** [YZP⁺²²]. **GitHub**[BYTS23, BAJA23, 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]. **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, 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]. **Host-VM** [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]. **Hypermutation** [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** [CCX⁺20, TZW⁺23]. **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, VHNF22]. **Improved** [CST16]. **Improvement** [CXH⁺21, WWAC23, SR05]. **Improving** [ASNB19, 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]. **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, 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, 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]. **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]. **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]. **Issues** [LCL⁺23, 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].

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, WPX⁺23, WJZ⁺23, YDX⁺24, ZZW⁺23, FMMH⁺14, KK04, MG00]. **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, KJHY22, LMY⁺24, LLZ⁺22, WB13, WJZ⁺23, XVN22, BGdV92, CL94, CFM00, GZ05, JPL98, SHO95, TY92, WAF00, MRRR02]. **language-based** [BGdV92, WAF00]. **Languages** [Bj019, 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, WT24a, WT24b, YZP⁺22, MC08, PSV01]. **Large-Scale** [BNB14, FA14, LLZ⁺22, MAL24, RFDS24, 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** [RCAH23, TLL+23]. **Learning** [ASNB19, BS16, BLBB23, BLBB24, BT22, BT24, CSB+24, CYA22, CZSH23, CWM+23, CLS+23, DKD21, DLSC23, FCLL21, GHXZ24, GCC+24, 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, RFR23, RMCT22, SWW+24, SNM23, 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** [BLBB24, BT22, YDX+24, ZFM+24, ZZX+21]. **legacy** [THHB06]. **Less** [PBU16]. **Lessons** [RCAH23]. **Level** [BNB14, DG18, 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, ZCT18, GLL+23]. **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** [TLJZ24]. **liveness** [DBPU13, SGE00].

Local [ABB+18, TC20, ZLS+23, ZWGX22]. **Localisation** [YXK+17]. **Localization** [AFHC22, 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]. **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, HDKM23, LLLM23, OFS24, RFR23, SWW+24, TWB+19, 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** [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, 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, YZY⁺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⁺24, 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** [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, YZY⁺24, BKM07, BGL00, CS12, Cal95, CDEG03, CW99, Di93, 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, HR99, MRRR02, SLD⁺13, SZS⁺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, FDB⁺12, GZW⁺23, HLL⁺16, HHC⁺24, JPS22, JYZ⁺24, JCNS24, DGD⁺19, LLL⁺23, LLT⁺24, LRL⁺22, 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, RBP23]. **Monotone** [PSW⁺20]. **Most** [XW22]. **motivations** [HBB⁺09]. **Mozilla** [MFH02]. **MPI** [GSYT21]. **Multi** [AROK21, BS16, BKD⁺23, CCRZ23, CDEG03, CLBY18, CL23b, DG18, GCC⁺24, LVBBC⁺18, OKS⁺16, SYA21, XL20, ZHO⁺18]. **Multi-Criteria** [OKS⁺16, XL20]. **Multi-Language** [AROK21]. **Multi-Level** [DG18, CCRZ23]. **Multi-metric** [GCC⁺24]. **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]. **multiview** [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]. **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, PLM15, QWG⁺23, SKY23, WT24a, WT24b, XLW⁺22, ZYC⁺23, ZSWS23, ZXS⁺24, Sin10]. **Neural** [BK23, CWW⁺20, CWH⁺21, CGZ23, DLP⁺24, DTC⁺24, DDS23, DLY⁺23, HGX⁺24b, LD24, LXW⁺24, LLSM22, QWG⁺23, QSZG24, RXX⁺19, SWW⁺24, SKY23, TWB⁺19, WT24a, WT24b, XLW⁺22, YFD⁺23, YZY⁺24, ZYL⁺23, ZYC⁺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, MWP⁺21]. **Non-Adequate** [GGZ⁺15]. **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]. **Ole** [Ano02]. **Ole-Johan** [Ano02]. **On-device** [HHC+24, HDKM23]. **One** [Liu22]. **Opacity** [ALMS22]. **Open** [AHGZ23, BSA22, BKHT21, CWM+20, 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+24, 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, BTI14]. **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** [GZW⁺²³, LLL⁺²³, LLT⁺²⁴, LLZ⁺²², WWL⁺²³]. **Pre-implementation** [WWL⁺²³]. **Pre-Trained** [GZW⁺²³, LLL⁺²³, LLT⁺²⁴]. **Pre-Training** [LLZ⁺²²]. **Precise** [AB12, KMYK19, LRCS14, WWY⁺²³, XR13, ZZC⁺²³]. **Precision** [LHX21, PSW⁺²⁰]. **Precision-Preserving** [LHX21]. **Predict** [FHS⁺²⁴]. **Predicting** [AHGZ23, CM23, LJL⁺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]. **Principles** [Bj019]. **Prioritisation** [RFR23]. **Prioritization** [BKD⁺²³, CCW⁺²³, DLP⁺²⁴, EM15, HZZ⁺¹⁴, 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, Bre95].

Product [CTA⁺21, DL11, FHS⁺24, HLL⁺16, HLL⁺20, KRM24, XZZL18, XHL⁺24, ZCT18, BJMH02, KATS12, MC08].

product-lines [BJMH02]. **Production** [SYL⁺23, TBS92]. **Productivity** [RHV24, RHvB24]. **products** [JMS08].

profiling [XR13]. **Program** [ASJDW21, BHR95, BK24, CH21, GWD⁺21, GRS⁺16, IRKY24, LZL⁺23, 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, 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, WFW⁺20, WHP⁺23, WYC⁺24, ZMM⁺16]. **Promise** [XVN22]. **Promises** [CUHH24]. **Prompt** [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]. **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, HAB⁺20].

Q&A [UKR21, YHG⁺24]. **Q8A** [GXLG21].

QoS [VTA04]. **QoS-enabled** [VTA04].

Qualitative [AMS⁺18, DZV⁺23]. **Quality** [AAP⁺20, CM23, CDKP21, CWM⁺23, FTF22, HCW⁺22, 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, 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]. **Rationale** [ZLT⁺22, FBC⁺13, YTL⁺95]. **RCR**

[FMMB23a, HQM⁺23, RHvB24, WT24b, ZKW⁺23b]. **Re** [ZWX22, KRM24]. **Re-Randomization** [ZWX22]. **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⁺24, 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, ZNZ⁺23, Ost99]. **refinements** [SB02]. **Reflection** [LTX19, Pez22, SLB⁺21]. **reflective** [LL00]. **Reformulations** [RR23]. **region** [DER10]. **RegionTrack** [MWP⁺21]. **regression** [BRR01, GHK⁺01, Mem08, RH97, REM⁺04]. **regular** [KGA⁺12]. **Regulation** [KAS20]. **Regulatory** [GL11]. **Reifying** [Jéz99]. **reimplementation** [CF03]. **Reinforcement** [BT22, BT24, FCLL21, GCC⁺24, 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, 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, GCC⁺24, 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, ZHV⁺23, ZKW⁺23b, AM11, KKP⁺23]. **Reported** [DZV⁺23]. **Reports** [AHGZ23, KS20, SXX⁺24, ZSL⁺22]. **Repositories** [GZW⁺23, 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, ZZY⁺²⁴, ZFL⁺²², ZZS⁺²²].

Role [SPAS21, GJ08]. **Route** [LSM23]. **router** [CR94]. **RPC** [ZAL⁺²³]. **RPC-Based** [ZAL⁺²³]. **Rule** [ZYL⁺²⁴, Cia93, Kip92, MM13]. **rule-based** [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, 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]. **SAT** [AGRR19, XZZL18]. **SAT/SMT** [AGRR19]. **satisfiability** [BM13, PMS13]. **Sator** [BPT10]. **SBST** [ZBA23]. **Scala** [ARL⁺¹⁵].

Scalability [CCRZ23]. **Scalable** [FCLL21, WWZ⁺²², XMA⁺¹⁴, BRRP05, HKMB⁺¹⁴, HAB13]. **Scale** [BNB14, DNRN15, FA14, LJL⁺²⁰, LLZ⁺²², MAL24, RFDS24, 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].

Scientific [CFP⁺²⁴, CY11, EF05, LYC14]. **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, FFM24, GHX+24, KFY24, OKS+16, RR23, 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]. **Shadow** [KPC18]. **shape** [Cor00]. **Share** [TLJZ24]. **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]. **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, GCC+24, HSB+23, HLX+23b, YABLR20, ZOJH21, ZCZ+23]. **SMC** [SGE00]. **Smell**

[SKBD14]. **Smells** [AROK21, DLT⁺23, HZBS14, NMA⁺23, RRPW21, YHXY24]. **SMT** [AGRR19, 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, 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, OKS⁺16, Pez24a, RKBL19, RGCS14, RFDS24, 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, BCTW96, BO92, BGO⁺14, BCD02]. **software** [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-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, 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** [ZWX22]. **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, RM03, VLJ⁺18, WGS07, 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, ZWX22]. **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, 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** [BG98, DR10, SMY⁺24, Ham09, MPR06]. **Surprise** [KFY23]. **Surrogate** [BT24]. **Survey** [BUB23, GZA24, HGX⁺24a, MFBF⁺22, PKHM22, TZZ⁺23, TWS⁺22, XLD⁺24, ZFM⁺24]. **Surveys** [WFF⁺19]. **Sustainability** [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]. **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, DD122, 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, LY14, MU00, MS94, MRK⁺97, Ost99, ODV⁺09, Pon02, RM03, SLD⁺13, TZZ09, THHB06, WAF00, ZJW03]. **SZZ** [GLH⁺24].

TACCLE [CTC01]. **Tactics** [YBZK21]. **Tagger** [WYMW20]. **tailoring** [CF10]. **Taint** [HB22]. **Taken** [LSM23]. **Tale** [FSZ⁺22]. **Taming** [SLB⁺21]. **Target** [KMYK19]. **Task** [DBNG15, BBS16, Dil97, DLSC23, ZSHD20, SCK13]. **Task-agnostic** [DLSC23]. **tasking** [Dil93]. **Tasks** [FSP⁺13, MBH⁺17, PLMC23, SWW⁺24, TTL⁺21, XSA⁺24]. **Taxonomy** [RFR23, UFG14]. **Team** [VR23]. **Teams** [CFL⁺16]. **Technical** [GXLG21, GLL⁺21, JA22, RXX⁺19, UKR21, YHG⁺24]. **technique** [KKLS02, RH97, SS06, SB02]. **Techniques** [Bj019, DPRO23, RD15, BRR01, GHK⁺01, SM12]. **technology** [EAS08]. **telecom** [MC08]. **telecommunication** [Zav04]. **Templates** [CWM⁺20, DTC⁺24]. **Temporal** [CY11, DDMM22, Pon02, LY14, PMS13]. **Tensor** [BSA22, YFD⁺23]. **Term** [VKV03]. **Termination** [TAA⁺19, Dil97]. **Terminology** [MGP⁺22]. **Terms** [WB13]. **Test** [Arc19, AG20, AVAS23, BKD⁺23, CMM⁺15, CCW⁺23, DLP⁺24, DPT13, EM15, EMM24, FA14, FSM⁺15, GRS⁺16, GGZ⁺15, GSYT21, HZZ⁺14, HLL⁺20, HAB⁺20, HGC⁺22, HGX⁺24a, IC14, JS23, JCNS24, KFY24, KB07, MPT⁺21, MZA22, MWK15, MGTR18, NAF⁺23, PLP⁺23, RFR23, SYA21, SMBO21, SSB20, SYL⁺23, TLP⁺22, XHL⁺24, XL20, YHXY24, ZA22, ZWL⁺24, ZCH22, Ber94, BRR01, DO93, FK96, FRB⁺06, GHK⁺01, HGS93, HAB13, Hie02, Hie09, KSD08, Mem08, PWX14, Pet97, RH97, REM⁺04, SS06, UFG14, XM07]. **Test-and-adapt** [DPT13]. **Test-Equivalence** [MGTR18]. **Test-Generation** [EMM24]. **test-selection** [BRR01]. **Test-suite** [XL20]. **Testability** [AG22, BHL11, MBH09]. **Tester** [MAKM22]. **Testers** [FSM⁺15]. **Testing** [DBNG15, AMV23, AG22, ABC⁺22, BG96, BT22, BT24, Böh18, BK23, CLL⁺22, CWW⁺20, CS22, CWM⁺23, CFP⁺24, DPB17, DDS23, FFM24, GJS⁺23, GGPR24, GGGU21, GZA24, GHX⁺24, Hie14, HGX⁺24a, HML23, HZB⁺24, IRKY24, KFY23, KPC18, LKA⁺23, LCT⁺23, LSM23, MSM⁺24, MCM24, MJS⁺21, MAKM22, MB20, NPB22, NL11, NWZ⁺23, OSD⁺23, PLP⁺23, PGZ⁺20, RMCT22, SDLC23, SDG⁺24, TZZ⁺23, TCDZ19, TAA⁺19, WPB19, WYC⁺24, WSG⁺23, ZSHD20,

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Zhao:2006:STS**Zhu:2023:CSU****Zhou:2024:DDR****Zou:2021:IDL****Zhou:2022:ARD****Zhang:2021:UWR**