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## Title word cross-reference

1 [JFJ<sup>+</sup>23]. 3 [LDM<sup>+</sup>24, SFG<sup>+</sup>24]. *k*  
[GHX<sup>+</sup>24]. *N* [RKBL19, JFJ<sup>+</sup>23]. *z*  
[LCZL14].

**-Dimensional** [SFG<sup>+</sup>24]. **-Equivalent**  
[LCZL14]. **-to-** [JFJ<sup>+</sup>23]. **-way** [RKBL19].

**19** [FSZ<sup>+</sup>22, MKR<sup>+</sup>23, RHV24, RHvB24].

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

**Abandoned** [COM24, KCAS23].  
**Abbreviated** [SRTR17]. **Abbreviations**  
[JLCZ24]. **ABC** [SF18]. **Able** [HNRA20].  
**Abnormal** [ZCL<sup>+</sup>24]. **Abstract**

[PSZ21, XMA<sup>+</sup>14, YLWW24, Jac95a, Pon02].  
**Abstracting** [Gun00]. **Abstraction**  
[AEK<sup>+</sup>16, LXS<sup>+</sup>24, ZNZ<sup>+</sup>23, CF03, Egy02].  
**Abstractions**  
[MCM24, PSZ21, BG98, DBGU13].  
**Abstractive** [SFC<sup>+</sup>24]. **Academia** [MS22].  
**Accelerating** [LSX<sup>+</sup>24, MUB<sup>+</sup>23].  
**Acceleration** [LHX21]. **Access**  
[LMC24, LSX<sup>+</sup>24, BDL06]. **Accessibility**  
[BXL<sup>+</sup>22, SMY<sup>+</sup>24]. **accommodates**  
[YHR92]. **Accounting** [GVW24, SM12].  
**Accuracy** [ASNB19, CWW<sup>+</sup>20, CSFB24,  
ODE21, WYC<sup>+</sup>24, WWAC23]. **Accurate**  
[HSB<sup>+</sup>23, TLL<sup>+</sup>23, ZLL<sup>+</sup>23]. **AceCoder**  
[LZL<sup>+</sup>24]. **Achieving**  
[BJMH02, HAB13, LBZ14].  
**Acknowledgement** [ACM05]. **ACM**  
[NP08]. **Acrobats** [RFDS24]. **across**  
[CSV13, SXX<sup>+</sup>24]. **action** [HN98]. **Active**



[ASNB19, MS15]. **ActivFORMS** [WI23]. **Activities** [HGHM23, NKL<sup>+</sup>24, SHLW21, WFW<sup>+</sup>20]. **Activity** [KS22, Esh06]. **Activity-Based** [KS22]. **activitycharts** [BRG<sup>+</sup>01]. **Actor** [CCRZ23]. **Actor-Driven** [CCRZ23]. **Ada** [Dil93, Dil97, DBDS94, YTL<sup>+</sup>95]. **ADAM** [GL14]. **adapt** [DPT13]. **Adaptation** [FCG<sup>+</sup>24, LZCC24, NLT<sup>+</sup>24, SEM17, ZH24]. **Adapting** [NPB24]. **Adaptive** [BS16, CLBY18, DR11, HDG<sup>+</sup>24, RPT<sup>+</sup>22, SMBO21, ZA22, HWH14, VTA04, WI23]. **Addendum** [HT98]. **Address** [Zav04]. **Addresses** [ZWGX22]. **Adequacy** [DDS23, GRS<sup>+</sup>16, KFY23, KSD08]. **Adequate** [GGZ<sup>+</sup>15]. **Admitted** [RXX<sup>+</sup>19, GLL<sup>+</sup>21]. **Adonis** [LYL<sup>+</sup>24]. **Adopting** [WT24a, WT24b, SAB<sup>+</sup>14]. **Adoption** [RSBO23, Rus24a, Rus24b]. **Advanced** [AZG24]. **Adversarial** [KL21, ZCL<sup>+</sup>24, ZZS<sup>+</sup>22]. **Advisories** [HSC<sup>+</sup>24]. **Affected** [PLMC23, VCF21]. **against** [EWS14, GSC24, IC14, LZS<sup>+</sup>24, ZSWS23]. **Age** [PHS<sup>+</sup>24]. **Agent** [ZLA<sup>+</sup>24]. **Agents** [BT24, GBA<sup>+</sup>24, MPR06]. **Aggregation** [SPAS21]. **aggregator** [BPT10]. **Agile** [RFDS24, Rus21, CF10]. **agnostic** [DLSC23]. **AI** [CCH<sup>+</sup>24, HSX<sup>+</sup>24a, HLX<sup>+</sup>24, MFBF<sup>+</sup>22, OHDB92, PHS<sup>+</sup>24, Rus24a, Rus24b]. **AI-based** [OHDB92, MFBF<sup>+</sup>22]. **Aide** [PWB23]. **Aide-mémoire** [PWB23]. **aided** [SB06]. **AIOps** [LJL<sup>+</sup>20, LLS<sup>+</sup>21, LRL<sup>+</sup>22, LLJH24]. **algebra** [ZB13]. **Algebraic** [SZH<sup>+</sup>19, HRD08, PPP94]. **algebras** [BCD02]. **Algorithm** [CYM<sup>+</sup>24, LD24, ZMC<sup>+</sup>24, BS07, YHR92]. **Algorithms** [DBNG15, ARL<sup>+</sup>15, HT17, ZLA<sup>+</sup>24, HT98, HVT98, KK93]. **aliasing** [FYD<sup>+</sup>08]. **Alignment** [CXH23, UFG14]. **Alignments** [TC20]. **Alike** [KFY24]. **Allocation** [SMBO21, ZLS<sup>+</sup>24a]. **alloy** [FPB<sup>+</sup>05, MPF14, Jac02]. **alone** [UGKR22]. **Alpha** [XFS<sup>+</sup>24]. **Alphabet** [FDB<sup>+</sup>12]. **Alternative** [TTL<sup>+</sup>21]. **Alternatives** [KDM17, KDM23]. **Always** [HDKM23]. **Always-on** [HDKM23]. **American** [FMMB23b, FMMB23a]. **Amoeba** [DCS09]. **among** [GL11, KDM23, TSS24]. **Amplification** [PLP<sup>+</sup>23]. **Amplifying** [ZE14]. **Analyses** [CST16, CTA<sup>+</sup>21, RKBL19, LS13]. **Analysis** [AMS<sup>+</sup>18, AEK<sup>+</sup>16, AGRR19, AFPB23, AFPB24, ASJA23, BK24, Bjø19, CCW<sup>+</sup>23, CZH<sup>+</sup>24, CYM<sup>+</sup>24, CTC<sup>+</sup>23, CCXZ23, CFL<sup>+</sup>16, DG17, EHF20, FCLL21, FTF22, FTF24, HNRA20, HLX23a, JFJ<sup>+</sup>23, JZL<sup>+</sup>19b, JA22, KJHY22, LKRF22, LCZL14, LASA24, LHX21, DDGR18, LM24, MGTR18, PHS<sup>+</sup>24, PBCT10, RSC<sup>+</sup>24, RHV24, RHvB24, SEM17, SBS<sup>+</sup>23, SGD15, SST24, SLB<sup>+</sup>21, TDL<sup>+</sup>24, VLJ<sup>+</sup>18, WWY<sup>+</sup>23, YXX<sup>+</sup>23, YCG<sup>+</sup>24, YXK<sup>+</sup>17, YBL15, ZHS<sup>+</sup>23, ZZC<sup>+</sup>23, ZHXZ24, ZLTH24, ZWY<sup>+</sup>21, BP98, BGO<sup>+</sup>14, CS12, CK96, CK99, Cor00, CSX08, DRW96, Dev99, DBDS94, DCCN04, For94, GL14, GM01, GSH97, HKMB<sup>+</sup>14, Hie06, HH95, HZZ13, HT98, HVT98, HN98, LH08, LH02, MRR05, NP08, OO92, PTY95, PGM12, RM03, Rob08, SGG<sup>+</sup>14, Sne96, SRK06, TPT13, WP93, XCKX13, YTL<sup>+</sup>95, YBL13, FPGA07, MVM07]. **analyze** [CFM00]. **Analyzing** [LTX19, OL22, SZZ<sup>+</sup>24, WZQL24, DFG00, KBZ<sup>+</sup>24]. **Anatomy** [SGhWG22]. **Anchor** [WWY<sup>+</sup>23]. **Android** [ABC<sup>+</sup>22, GHM18, GJS<sup>+</sup>23, HWD<sup>+</sup>24, LYZ<sup>+</sup>24, LVBBC<sup>+</sup>18, LZF<sup>+</sup>24, MCKG24, MA24, PLP<sup>+</sup>23, PGZ<sup>+</sup>20, RMCT22, SLB<sup>+</sup>21, SCL<sup>+</sup>23, WCG<sup>+</sup>21, ZLW<sup>+</sup>21, ZSL<sup>+</sup>22, ZHY24, ZWY<sup>+</sup>21]. **annotation** [KATS12]. **annotation-based** [KATS12]. **Annotations** [GCC<sup>+</sup>24b, IC14, ODE21]. **announcement** [SPAK10]. **Announcing** [Pez23]. **Anomalies** [ZHZ<sup>+</sup>21]. **Anomaly** [XAY23, YCG<sup>+</sup>24]. **Ansible** [RRPW21].



**Answer** [GXLG21, YHG<sup>+</sup>24]. **answering** [KM10]. **Antecedents** [TSS24]. **Anti** [MS22]. **Anti-patterns** [MS22]. **Apache** [FAP22, MFH02]. **API** [Arc19, ARG17, HSX<sup>+</sup>24b, HSX<sup>+</sup>24a, LLT<sup>+</sup>24, PDHR23, SIB23, UKR21, WJZ<sup>+</sup>23, XSA<sup>+</sup>24, ZWY<sup>+</sup>21]. **APIRec** [LLT<sup>+</sup>24]. **APIRO** [SIB23]. **APIs** [AG22, AZG24, BLS<sup>+</sup>23, GZA24, HCJ<sup>+</sup>24, LZF<sup>+</sup>24, MZA22, SPK14, ZA22, ZBA23, ZA23, ZAL<sup>+</sup>23]. **Apollo** [KSFC24]. **App** [AH24, Cai20, CCH<sup>+</sup>21, GZX<sup>+</sup>22, HDG<sup>+</sup>24, JZL<sup>+</sup>19a, NPB22, WCG<sup>+</sup>21]. **APPL** [SHO95]. **APPL/A** [SHO95]. **Applicability** [RFR23]. **Applicable** [VHNF22]. **Application** [DBDS94, JHC<sup>+</sup>24, LWC<sup>+</sup>23, MFLL12, MS15, SZZ<sup>+</sup>23, ZE14, LH02]. **Application-level** [LWC<sup>+</sup>23]. **Applications** [CGPP15, DG17, ETM22, GTD21, KAT12, LCL<sup>+</sup>23, LMC24, MBH<sup>+</sup>17, NBB15, PBC24, YXM<sup>+</sup>23, Yu23, ZOJH21, BM07, BCFM06, CPPRM03, CDP04, GGLT07, MZ09, MGMM11, PWX14, PBCT10, SS06, WGS07, XM07]. **Applying** [FLM<sup>+</sup>98, FTF22]. **Approach** [AADB24, ASNB19, BCGB21, BZSW14, BMM<sup>+</sup>17, BLBB23, BSA22, CLL<sup>+</sup>22, CSW21, DL11, FDC<sup>+</sup>21, GXSC21, HZZ<sup>+</sup>14, HB22, JS23, MFLL12, MWC<sup>+</sup>24, LDUD13, SMBO21, SZX<sup>+</sup>24, SDG<sup>+</sup>24, TG24, TCDZ19, WI23, YB20, YBL13, ZSL<sup>+</sup>13, ZLL<sup>+</sup>23, ZZC<sup>+</sup>23, ZLA<sup>+</sup>24, CTCC98, CRST12, CPPRM03, DFB99a, DFB99b, DvdHT05, DPT13, DF94, FK96, FPB<sup>+</sup>05, Hen97, LASL13, MZ09, OHDB92, QRLV12, TD01, ZZL<sup>+</sup>06]. **Approaches** [ABC<sup>+</sup>22, AFPB24, PKMY24, PTTB24, XL20, ZLP<sup>+</sup>24, YHC13]. **approximation** [JGB12]. **Apps** [CCH<sup>+</sup>21, HWD<sup>+</sup>24, HHC<sup>+</sup>24, LVBBC<sup>+</sup>18, MCKG24, MA24, NPB24, PLP<sup>+</sup>23, RMCT22, SLB<sup>+</sup>21, SCL<sup>+</sup>23, ZSL<sup>+</sup>22, ZHY24]. **APTL** [WME93]. **Arachne** [SKY23]. **Architecting** [BCD02, YBZK21]. **Architectural** [CSW21, MFLL12, AG97, AG98, LWF03, RVMRM04]. **Architecture** [AMGBK22, BNB14, GCKB<sup>+</sup>24, HWH14, PTTB24, QWG<sup>+</sup>23, SMBK22, YHG<sup>+</sup>24, ZCT18, AAG95, BCC92, DvdHT05, GL14]. **Architecture-centric** [HWH14]. **Architecture-Implementation** [ZCT18]. **Architecture-Level** [BNB14]. **Architecture-Oriented** [QWG<sup>+</sup>23]. **Architectures** [SBMK21, MRRR02]. **ArchRepair** [QWG<sup>+</sup>23]. **ARCTURUS** [ZHXZ24]. **Area** [LWD<sup>+</sup>24]. **Aria** [DRW96]. **Arithmetic** [GXSC21]. **Array** [NKWF14]. **artifact** [DFOT07]. **ASM** [BZSW14]. **Aspect** [Jac95a, SXX<sup>+</sup>24, DR10, HE13, KF07, RS09, SGR<sup>+</sup>10]. **aspect-** [RS09]. **Aspect-level** [SXX<sup>+</sup>24]. **aspect-oriented** [DR10, HE13, SGR<sup>+</sup>10]. **AspectJ** [HXS08, MHK11]. **Aspects** [GCX<sup>+</sup>22, HGHM23, RSBO23, SZH<sup>+</sup>19, BTI14]. **Aspirations** [CL23a]. **Assembly** [AM04, WMW<sup>+</sup>23]. **Assessing** [ACF97, CM23, Cai20, CXH23, RST<sup>+</sup>14, VBZ<sup>+</sup>18, YHL<sup>+</sup>22, ZWL<sup>+</sup>24]. **Assessment** [CCRZ23, CMM<sup>+</sup>15, CSFB24, HAY<sup>+</sup>23, LWWM22, GJ08, PJRR10, SR05, Wey96]. **assigned** [BHL11]. **Assignments** [AFY<sup>+</sup>22]. **assistance** [GN93]. **assume** [CAC08]. **assume-guarantee** [CAC08]. **Assumptions** [HGW<sup>+</sup>16, IWY00]. **Asteria** [YDX<sup>+</sup>24]. **Asteria-Pro** [YDX<sup>+</sup>24]. **ASTOOT** [DF94]. **Atomic** [Liu22]. **Atomicity** [MWP<sup>+</sup>21]. **aToucan** [YBL15]. **Attack** [WWZ<sup>+</sup>22, YXM<sup>+</sup>23, ZCL<sup>+</sup>24, LLZ<sup>+</sup>24]. **Attacks** [AMGBK22, EWS14, GSC24, PBC24, WCB<sup>+</sup>20]. **Attention** [KBZ<sup>+</sup>24]. **attribute** [KK93]. **Attributes** [RFR23, GL14]. **Attribution** [LZCC24]. **Attrition** [TSS24]. **Augmenting** [DPB17, GCX<sup>+</sup>22]. **Author** [Ano96, TAW95]. **Authorship** [LZCC24]. **Autoencoder** [CCX<sup>+</sup>20]. **Autoencoders**



[KFY24]. **Automated** [Arc19, AG20, ASNB19, BLBB23, CSW21, DZV<sup>+</sup>23, Egy02, EMM24, FA14, FSM<sup>+</sup>15, FNT<sup>+</sup>24, GYY<sup>+</sup>24, GM01, GN93, HJL96, HAB<sup>+</sup>20, HSC<sup>+</sup>24, HCW<sup>+</sup>22, HDG<sup>+</sup>24, HGX<sup>+</sup>24b, JO15, KSFC24, LKRF22, DGD<sup>+</sup>19, LCM<sup>+</sup>24, LZL<sup>+</sup>23, LLX<sup>+</sup>24, LYB<sup>+</sup>24, MZA22, MS14, NPB22, PGZ<sup>+</sup>20, RR23, RKBL19, RNTN<sup>+</sup>24, STDB23, STGR21, SIB23, TZZ<sup>+</sup>23, TM14, WB13, WLX<sup>+</sup>24, WC23, XHL<sup>+</sup>24, XTZ<sup>+</sup>24, YLM<sup>+</sup>23, YBL15, ZFM<sup>+</sup>24, ZSL<sup>+</sup>22, ZSW<sup>+</sup>22, ZWT<sup>+</sup>24, ZH24, BGO<sup>+</sup>14, CS12, CAC08, FN03, FRB<sup>+</sup>06, TBS92, XM07, XM08]. **Automatic** [BAJA23, CGPP15, CF03, DSV03, LPH<sup>+</sup>24, MGTR18, NBMK22, UKR21, BRRP05, DO93]. **Automatically** [CMM<sup>+</sup>15, CDKP21, FFM24, LZF<sup>+</sup>24, LTL<sup>+</sup>24, Mem08, YJW<sup>+</sup>20, LS13]. **Automating** [GZX<sup>+</sup>22]. **Automation** [NAF<sup>+</sup>23]. **Automaton** [EM18]. **Autonomous** [AMV23, FDC<sup>+</sup>21, GCKB<sup>+</sup>24, GGPR24, GBA<sup>+</sup>24, HKA24, LKA<sup>+</sup>23, NA24, SER24, ZRT24]. **Autoregressive** [LFL<sup>+</sup>24]. **Autotuning** [ZHC24]. **Avoiding** [Hie06]. **Aware** [GCKB<sup>+</sup>24, HAY<sup>+</sup>23, HGC<sup>+</sup>22, HQM<sup>+</sup>23, KAT12, LWWM22, MWC<sup>+</sup>24, MS15, QHM<sup>+</sup>23, TZW<sup>+</sup>24, VLJ<sup>+</sup>18, WYW<sup>+</sup>22, CYA22, DFB99a, DFB99b, HZB<sup>+</sup>24, MGMM11, PKMY24, WYMW20, WXL<sup>+</sup>21, WMW<sup>+</sup>23, ZMC<sup>+</sup>24]. **Awareness** [BPD<sup>+</sup>24, PHS<sup>+</sup>24, RWS<sup>+</sup>24, SZZ<sup>+</sup>23].

**B** [SB06]. **back** [Not13]. **Backdoor** [MRO<sup>+</sup>23, SLWZ24]. **Bad** [NMA<sup>+</sup>23, SWW<sup>+</sup>24]. **Barriers** [GGHM24]. **Based** [AB12, ARL<sup>+</sup>15, ASMP16, AFHC22, AZG24, BMM<sup>+</sup>17, BC23, CLL<sup>+</sup>22, CYM<sup>+</sup>24, CZW<sup>+</sup>24, DDE11, DTC<sup>+</sup>24, EMM24, FFM24, GZX<sup>+</sup>22, GYY<sup>+</sup>24, GGZ<sup>+</sup>15, GCH<sup>+</sup>24, HSX<sup>+</sup>24a, JZL<sup>+</sup>19b, KS22, KCMS24, LXL<sup>+</sup>22, LHX21, MWP<sup>+</sup>21, MFBF<sup>+</sup>22, OKS<sup>+</sup>16, PFG<sup>+</sup>24, SMBO21, SGD15, SNM23, SKY23, SVDHB23, TLP<sup>+</sup>22, TSPRC18, WB13, WPX<sup>+</sup>23, WJZ<sup>+</sup>23, XHL<sup>+</sup>24, XLD<sup>+</sup>24, XJCC24, YXK<sup>+</sup>17, ZTP<sup>+</sup>23, ZA22, ZAL<sup>+</sup>23, ZLW<sup>+</sup>21, ZWY<sup>+</sup>21, AAP<sup>+</sup>20, AG22, ABC<sup>+</sup>22, AVAS23, AFB23, AFB24, BGdV92, BCTW96, BLBB24, BT22, CCS24, CMP13, CDSM10, CY11, CCX<sup>+</sup>20, CL23b, Cia93, CMCP<sup>+</sup>99, CPPRM03, CW98, CZ19, DLP<sup>+</sup>24, DBGU13, DBPU13, FPBS23, GGGU21, GHX<sup>+</sup>24, GCC<sup>+</sup>24a, Ham09, HLX23a, HAB13, JWC<sup>+</sup>24, KFY24, KATS12, KKLS02, KKP<sup>+</sup>22, Kip92, KK04, Kuh99, LY05, LH08, LHW<sup>+</sup>24, MMST14, Mem08, MB07, MS03, MG00, MPF14, NLR11, NAF<sup>+</sup>23, OPK<sup>+</sup>21, PBO07, PZS<sup>+</sup>20, PTAB24, PBC24]. **based** [QNR13, RLM<sup>+</sup>24, RXX<sup>+</sup>19, RSC<sup>+</sup>24, RKBL19, SLWZ24, SS06, SGE00, SB02, Sne96, TZZ09, TPT13, THHB06, TD01, TK02, UKM04, WAF00, WXL<sup>+</sup>21, WSG<sup>+</sup>23, WI23, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, XM07, XCKX13, XAY23, XL20, YDX<sup>+</sup>24, YCG<sup>+</sup>24, YXZ<sup>+</sup>23, YHC13, ZYL<sup>+</sup>23, ZZC<sup>+</sup>23, ZFM<sup>+</sup>24, ZZX<sup>+</sup>21, OHDB92]. **Baseline** [SP18, WOM15]. **Bash** [DLT<sup>+</sup>23]. **basis** [AG97, AG98]. **BatFix** [RLM<sup>+</sup>24]. **Battling** [LZS<sup>+</sup>24]. **Bayesian** [FTF22, PLM15, SMY19]. **BDD** [LH08, ZZC<sup>+</sup>23]. **BDD-based** [LH08, ZZC<sup>+</sup>23]. **Be** [CL23b, DPC<sup>+</sup>24, ISI<sup>+</sup>24]. **Behavior** [FDB<sup>+</sup>12, DDGR18, MAKM22, SS02, DBGU13, LK14, MG00, PP93, UKM04]. **Behavior-consistent** [SS02]. **Behavioral** [CZ19, GLFW22]. **Behaviors** [TZW<sup>+</sup>23, IWY00]. **Behaviour** [CCS24]. **Being** [RHV24, RHvB24]. **Belief** [BMC<sup>+</sup>23]. **benefits** [LH08, MC08]. **Best** [TLL<sup>+</sup>23]. **Better** [CCW<sup>+</sup>23, LWWM22, YB20, ZLP<sup>+</sup>24]. **between** [CXH23, Gun00]. **Beyond** [CZW<sup>+</sup>24, GWD<sup>+</sup>21, WYC<sup>+</sup>24]. **Bias** [CZSH23, HDKM23]. **Biases** [YLM<sup>+</sup>23]. **Big** [LGC<sup>+</sup>23]. **Bilevel** [SKBD14]. **Binaries**



[JPS22, LWD<sup>+</sup>24]. **Binarized** [ZZC<sup>+</sup>23]. **Binary** [DGZ24, JFJ<sup>+</sup>23, YXX<sup>+</sup>23, YDX<sup>+</sup>24, ZHXZ24]. **Biofeedback** [FHS<sup>+</sup>24]. **BIP** [ABB<sup>+</sup>18]. **Bird** [CM23, JPS22]. **Bitmap** [PFG<sup>+</sup>24]. **Bitmap-Based** [PFG<sup>+</sup>24]. **Black** [AADB24, AFPB23, CCW<sup>+</sup>23, PGZ<sup>+</sup>20, RMCT22, CTCC98]. **Black-box** [AFPB23, PGZ<sup>+</sup>20, RMCT22, AADB24, CCW<sup>+</sup>23]. **Blindspots** [BLS<sup>+</sup>23]. **Bloat** [NWB<sup>+</sup>18, XMA<sup>+</sup>14]. **Block** [QWG<sup>+</sup>23]. **Block-Level** [QWG<sup>+</sup>23]. **Blockchain** [AMGBK22, ASJA23, PORH23, YBZK21, ZOJH21]. **Blockchain-Powered** [ZOJH21]. **Boa** [DNRN15]. **Bookkeeping** [HSB<sup>+</sup>23]. **Boolean** [CCX11, KB07]. **Boosting** [CS22, GXLG21]. **Bootstrap** [SMY19]. **Bot** [KCMS24, RCAH23]. **Both** [TLL<sup>+</sup>23]. **bound** [CM08]. **Boundaries** [CSV13]. **boundary** [Hie06]. **Bounded** [PMS13]. **Box** [AZG24, ZAL<sup>+</sup>23, AFPB23, PGZ<sup>+</sup>20, RMCT22, AADB24, CCW<sup>+</sup>23]. **Brain** [VBZ<sup>+</sup>18]. **Breaking** [BKHT21, CAC08, VCP<sup>+</sup>23]. **Broke** [VCP<sup>+</sup>23]. **Brutus** [CJM00]. **Buddy** [ZWGX22]. **Budget** [SMB021]. **Bug** [AFHC22, CUHH24, KKP<sup>+</sup>23, LRCS14, LASA24, SNM23, TWB<sup>+</sup>19, ZHV<sup>+</sup>23, ZSL<sup>+</sup>22, AM11, CSX08]. **Bug-Fixing** [TWB<sup>+</sup>19]. **Bug-report-driven** [KKP<sup>+</sup>23]. **Bugginess** [GLL<sup>+</sup>23]. **Bugs** [AMS<sup>+</sup>18, CLS<sup>+</sup>23, CCVLW23, CCXZ23, DLT<sup>+</sup>23, LMC24, ZSL<sup>+</sup>13, ZCW<sup>+</sup>24, Jac95a]. **Build** [JS23, MAL24]. **Building** [CCH<sup>+</sup>24, ELN<sup>+</sup>92, JCNS24, OFS24, WWZ<sup>+</sup>22, KKLS02]. **Burnout** [TSS24]. **Business** [LDUD13, DCS09, ODV<sup>+</sup>09]. **Bytecode** [SVDHB23].

**C** [BCGB21, CWM<sup>+</sup>20, DLRA15, SRTR17]. **C/C** [BCGB21, DLRA15]. **Cache** [WCB<sup>+</sup>20]. **Caching** [TZD<sup>+</sup>24]. **CafeOBJ** [RO18]. **Calculus** [EW11, DSV03]. **Call** [ARL<sup>+</sup>15, ARG17, MNGL98]. **calls** [BHR95, MM13]. **Can** [AH24, CL22, CL23b, ISI<sup>+</sup>24, WXF<sup>+</sup>24]. **Capabilities** [LCM<sup>+</sup>24, TS09]. **capability** [Kuh99, TK02]. **Capacities** [MLZ<sup>+</sup>24]. **Cardinality** [CSFB24]. **Cars** [BKD<sup>+</sup>23]. **Case** [AAD<sup>+</sup>24, Arc19, AVAS23, CCW<sup>+</sup>23, CXH23, EM15, FTF22, GGHM24, HZZ<sup>+</sup>14, HBF<sup>+</sup>24, KSFC24, OKS<sup>+</sup>16, RFR23, RPT<sup>+</sup>22, SMBO21, SMBK22, YBL15, ZOJH21, ZAL<sup>+</sup>23, ZMM<sup>+</sup>16, BJMH02, CD98, DO93, HAB13, MFH02, PSV01, SCK13, TBS92, YBL13]. **Cases** [BKD<sup>+</sup>23, CMM<sup>+</sup>15, IC14, TLP<sup>+</sup>22, XTZ<sup>+</sup>24]. **Catalog** [YBZK21]. **Categorical** [BLBB23]. **Category** [CXH<sup>+</sup>21, YKY<sup>+</sup>23]. **Causal** [FTF24]. **Causality** [CFP<sup>+</sup>24, GGPR24]. **Causality-driven** [GGPR24]. **Cause** [ZLTH24]. **Causing** [NL11]. **centered** [ACF97, CDFG96]. **Centralised** [Hie14]. **Centrality** [ZCT18]. **centred** [LASL13]. **Centric** [PCGGRC<sup>+</sup>24, HWH14]. **Certificate** [NWZ<sup>+</sup>23, TCDZ19]. **Certification** [HML23]. **CFL** [LHX21]. **CFL-Reachability-Based** [LHX21]. **Chain** [HSX<sup>+</sup>24a, HLX<sup>+</sup>24]. **chaining** [FK96]. **Chains** [CCH<sup>+</sup>24, GHXZ24]. **Challenge** [XCS<sup>+</sup>22]. **Challenges** [MKR<sup>+</sup>23, NKL<sup>+</sup>24, PHS<sup>+</sup>24, SLWZ24, XVN22, YXL<sup>+</sup>22]. **Challenging** [SER24]. **Change** [AHGZ23, LWWM22, YQTR15]. **Changes** [BKHT21, COM24, DR11, DPB17, GLH<sup>+</sup>24, MHG24, VCP<sup>+</sup>23, WHP<sup>+</sup>23, PSV01]. **Channel** [EWS14, GSC24, KJHY22, RNTN<sup>+</sup>24, GZSW19]. **Characteristics** [JCSA23, LMC24, CF10, SM12]. **Characterization** [DZV<sup>+</sup>23, SGHM23]. **Characterizing** [GHXZ24, LMY<sup>+</sup>24, LLCW<sup>+</sup>24, XLW<sup>+</sup>22, YHXY24, ZCW<sup>+</sup>24]. **Charts** [RGS12]. **Chat** [SZZ<sup>+</sup>24]. **Chatbot** [CLMPS<sup>+</sup>24]. **ChatGPT** [DJJL24, LLCW<sup>+</sup>24]. **ChatGPT-Generated** [LLCW<sup>+</sup>24]. **Chats** [CDKP21]. **Checker** [MWP<sup>+</sup>21, WYMW20, SGE00]. **Checkers** [LZL<sup>+</sup>23]. **Checking**



[ALMS22, BHB16, CK99, DPRO23, EBE<sup>+</sup>14, DDGR18, ZZW<sup>+</sup>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<sup>+</sup>24]. **Cities** [FSZ<sup>+</sup>22]. **Class** [AB23, DLY<sup>+</sup>23, PKMY24, BM13, CTCC98, CTC01, CCX11, Egy02, LY05, PPP94, ZXLC14]. **class-level** [CTCC98]. **Classes** [AB12, VCF21, GRT09, HRD08, KB07, Kuh99, Pon02, Tiw08, TK02]. **Classification** [LYZ<sup>+</sup>24, WCG<sup>+</sup>21, DFB99a, DFB99b]. **Classifications** [AH24, TZW<sup>+</sup>23]. **Classified** [WCG<sup>+</sup>21]. **Classifiers** [CZSH23, WXF<sup>+</sup>24]. **Classifying** [ETM22, OSH04]. **Cleaning** [GVW24]. **cleanroom** [TBS92]. **Clematis** [ASMP16]. **CLFuzz** [ZMC<sup>+</sup>24]. **Client** [MS14, VCP<sup>+</sup>23, ZZW<sup>+</sup>23]. **Client-Specific** [ZZW<sup>+</sup>23]. **Client-State** [MS14]. **Clinical** [PCGGRC<sup>+</sup>24]. **Clone** [DER10]. **Clones** [MZW<sup>+</sup>23, YHL<sup>+</sup>22]. **Closer** [ZWZ<sup>+</sup>24]. **Closure** [RSC<sup>+</sup>24, XJCC24]. **Closure-Based** [XJCC24, RSC<sup>+</sup>24]. **Cloud** [LJL<sup>+</sup>20]. **Clouds** [LDM<sup>+</sup>24]. **cluster** [CTC01]. **Clustering** [AFPB23, AFBP24, CLMPS<sup>+</sup>24]. **Clustering-based** [AFPB24]. **Clusters** [GHXZ24]. **cmath** [BCGB21]. **Co** [LSH23, MS22, SYL<sup>+</sup>23, VD13]. **Co-creation** [MS22]. **Co-evolution** [LSH23, SYL<sup>+</sup>23]. **co-installability** [VD13]. **coarse** [BRR01]. **coarse-** [BRR01]. **Code** [BUB23, BXX<sup>+</sup>20, BFFG19, BC23, BLS<sup>+</sup>23, CXH<sup>+</sup>21, COM24, DGGJ24, DLSC23, DPC<sup>+</sup>24, DLT<sup>+</sup>23, DJJL24, DNRN15, FCG<sup>+</sup>24, FTF22, GXG<sup>+</sup>20, GGH<sup>+</sup>23, GXL<sup>+</sup>23, GLL<sup>+</sup>23, GHX<sup>+</sup>24, GCC<sup>+</sup>24a, GCH<sup>+</sup>24, HNRA20, HZBS14, HAB<sup>+</sup>20, HCW<sup>+</sup>22, HLX<sup>+</sup>23b, HYX<sup>+</sup>24, HLX<sup>+</sup>24, JDW<sup>+</sup>24, KS20, KBZ<sup>+</sup>24, KKP<sup>+</sup>22, KJHY22, LLL<sup>+</sup>23, LZL<sup>+</sup>24, LLT<sup>+</sup>24, LZCC24, LWWM22, LLZ<sup>+</sup>22, LXL<sup>+</sup>22, LTL<sup>+</sup>24, LFL<sup>+</sup>24, LLCW<sup>+</sup>24, MLZ<sup>+</sup>24, MB15, MZW<sup>+</sup>23, OSD<sup>+</sup>23, OKS<sup>+</sup>16, PZS<sup>+</sup>20, PTTB24, PGZ<sup>+</sup>20, PLM15, RR23, SKBD14, STDB23, SBBL23, SGR<sup>+</sup>15, SRTR17, SWW<sup>+</sup>24, SURL11, SED14, SYL<sup>+</sup>23, SFC<sup>+</sup>24, SFG<sup>+</sup>24, SZZ<sup>+</sup>23, WLS<sup>+</sup>20, WPX<sup>+</sup>23, XLD<sup>+</sup>24, XVN22, YJW<sup>+</sup>20, YKY<sup>+</sup>23, YFD<sup>+</sup>23, YXX<sup>+</sup>23, YDX<sup>+</sup>24, YZY<sup>+</sup>24, YHL<sup>+</sup>22, ZYL<sup>+</sup>23, ZE14, ZZS<sup>+</sup>22, ZLP<sup>+</sup>24, ZWT<sup>+</sup>24, LLZ<sup>+</sup>24, Dev99, DER10, FMMH<sup>+</sup>14, MPG<sup>+</sup>13, PRM01, RM07, SGG<sup>+</sup>14]. **Code-Comment** [YKY<sup>+</sup>23]. **Code-line-level** [GLL<sup>+</sup>23]. **Code-Smell** [SKBD14]. **Coded** [IC14]. **CodeEditor** [LLL<sup>+</sup>23]. **CodeMatcher** [LXL<sup>+</sup>22]. **Coding** [FTF24]. **Cognitive** [FDC<sup>+</sup>21, SHLW21]. **Cohesion** [AB12, CBRO16, CSC06, KK04, MB07]. **coincidental** [Hie06, MA14]. **Cold** [LWC<sup>+</sup>23]. **Cold-start** [LWC<sup>+</sup>23]. **Collaboration** [DJJL24, MS22, PLMC23, Sin10, SB02]. **collaboration-based** [SB02]. **collaborations** [HWH14]. **Collaborative** [TLJZ24]. **Collection** [TDL<sup>+</sup>24, TM14]. **Collective** [PWB23]. **Collegiate** [MAKM22]. **Colossal** [OBH24]. **Combat** [IRKY24]. **Combating** [NWB<sup>+</sup>18]. **Combatting** [LCL<sup>+</sup>23]. **Combinatorial** [NL11]. **Combined** [JS23, MHFW24]. **Combining** [DBNG15, Hie14, SMAC08, TLL<sup>+</sup>23, XZZL18]. **Come** [GLL<sup>+</sup>23]. **COMET** [LCT<sup>+</sup>23]. **Commands** [YZP<sup>+</sup>22]. **Comment** [CXH<sup>+</sup>21, GCH<sup>+</sup>24, HGD<sup>+</sup>23, WHP<sup>+</sup>23, WGB<sup>+</sup>24, YKY<sup>+</sup>23, ZZS<sup>+</sup>22]. **Commenting** [WHP<sup>+</sup>23]. **Comments** [Bre95, Pet97, WHP<sup>+</sup>23, ZWCH21]. **Commercial** [ZMM<sup>+</sup>16]. **Commit** [LLX<sup>+</sup>24, TZW<sup>+</sup>24, WXL<sup>+</sup>21]. **Commitments** [EBE<sup>+</sup>14]. **Commits**



[HSC<sup>+</sup>24, JJW<sup>+</sup>24, ZSW<sup>+</sup>22]. **Common** [MGP<sup>+</sup>22]. **Communicating** [RAE<sup>+</sup>24, Bro93]. **Communication** [CCY<sup>+</sup>21, ZQS<sup>+</sup>23]. **Communities** [ZMM<sup>+</sup>16]. **Community** [DR15]. **Companies** [ZLT<sup>+</sup>22]. **Comparative** [HGD<sup>+</sup>23, BRR01]. **Comparing** [EMM24, Hie02, PSW<sup>+</sup>20, YHC13, XM07]. **Comparison** [WB13, ZA23, ZLP<sup>+</sup>24]. **Comparisons** [GGZ<sup>+</sup>15]. **Compatibility** [ZZW<sup>+</sup>23]. **Competition** [MAKM22]. **Competitions** [FTF24]. **Competitiveness** [YXK<sup>+</sup>17]. **Compilation** [MAL24]. **Compiler** [CS22, MHK11, ZHC24, DFG00]. **Complementary** [SLWZ24]. **Complete** [MWP<sup>+</sup>21, XL20]. **Completeness** [BLBB24]. **Completion** [LFL<sup>+</sup>24, MUB<sup>+</sup>23, PLM15, WYMW20, XSA<sup>+</sup>24]. **Completion-aware** [WYMW20]. **Complex** [BS16, GBA<sup>+</sup>24, MA24]. **Complexity** [Rus24a, Rus24b, WZQL24]. **Component** [SEM17, YCG<sup>+</sup>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<sup>+</sup>04, ZJ93]. **Compositional** [GSC24, HGW<sup>+</sup>16, CK96, CK99]. **Comprehensibility** [SGR<sup>+</sup>15, SGG<sup>+</sup>14]. **Comprehension** [BC23, MTRK14, RST<sup>+</sup>14, OSH04]. **Comprehensions** [KBZ<sup>+</sup>24]. **Comprehensive** [CZSH23, CZH<sup>+</sup>24, FPR<sup>+</sup>24, GLL<sup>+</sup>21, DvdHT05]. **Compressed** [TZW<sup>+</sup>23]. **Computational** [LLG23]. **Computing** [BPSSA<sup>+</sup>22, LJJ<sup>+</sup>20, LWC<sup>+</sup>23, OHDB92, TC20, WCJL23, EF05, FGL<sup>+</sup>12, MZ09, RMP97, XCCY10]. **Concept** [PGM12, Sne96]. **Concepts** [DG17, XYZ<sup>+</sup>23, MG00, SGL12]. **Conceptual** [OFS24, QT12, TZZ09]. **Concerns** [DZV<sup>+</sup>23, MVM07, RM07].

**Concurrency** [MQLR16, ZSL<sup>+</sup>13, DL13, YTL<sup>+</sup>95]. **Concurrent** [AGRR19, MNB<sup>+</sup>22, SDG<sup>+</sup>24, Cor00, DKM<sup>+</sup>94, DCCN04, HZZ13, MRK<sup>+</sup>97, PTY95]. **Condition** [LXW<sup>+</sup>24]. **Conditional** [EBE<sup>+</sup>14]. **Conditions** [GBA<sup>+</sup>24, IRKY24, TDL<sup>+</sup>24, KB07, SRK06]. **ConE** [MNB<sup>+</sup>22]. **Conference** [MP14]. **Configurable** [AMS<sup>+</sup>18, CGZ23]. **Configuration** [BNB14, BSOM24, CL23a, MHFW24, ELvdH<sup>+</sup>05, Gun00, Jéz99]. **Configurations** [OBH24, SYA21, ZKW<sup>+</sup>23a, ZKW<sup>+</sup>23b, Sne96]. **Configuring** [XZZL18]. **Conflict** [BFFG19, ZSHD20, FN03]. **Conflicts** [SGHM23]. **Conformance** [ZCT18, Ber94, LK14, PBO07, Pet97]. **Confounding** [GVW24, ZXLC14]. **Conjunction** [ZJ93]. **ConMem** [ZSL<sup>+</sup>13]. **connection** [AG97, AG98]. **connectors** [LWF03]. **Consent** [RBPG23]. **Consequences** [TSS24]. **Considered** [XCS<sup>+</sup>22]. **Consistency** [SEM17, HJL96, NEFE03, PBO07, XCCY10]. **Consistent** [LRL<sup>+</sup>22, SS02]. **Consolidation** [LDUD13]. **Constitutes** [BSOM24]. **constrained** [BM13, WRD<sup>+</sup>22]. **Constraint** [DBNG15, EMM24, GWD<sup>+</sup>21, MWC<sup>+</sup>24, SSB20, XCCY10]. **Constraints** [CZ19, DDMM22, MWK15, QT12, SGD15, CY11, CK96, OO92]. **Constructed** [LMY<sup>+</sup>24]. **constructing** [Hen97]. **Construction** [ARL<sup>+</sup>15]. **Constructs** [KS20]. **Consumption** [LVBBC<sup>+</sup>18]. **container** [XR13]. **Containers** [GKKH24, WWY<sup>+</sup>23]. **containing** [CFM00]. **Context** [CK96, GZW<sup>+</sup>23, GCH<sup>+</sup>24, HLX23a, KAT12, LWWM22, LHX21, SNM23, WXL<sup>+</sup>21, WYW<sup>+</sup>22, KGA<sup>+</sup>12, LH08, XCCY10, vdBV96]. **Context-** [WYW<sup>+</sup>22]. **Context-Aware** [KAT12, LWWM22, WXL<sup>+</sup>21]. **context-free** [KGA<sup>+</sup>12, vdBV96]. **context-sensitive** [LH08]. **Contexts**



[ZLS<sup>+</sup>23]. **Contextual** [GZX<sup>+</sup>22]. **Continuous** [BZSW14, BK24, HMW23, JS23, SMBK22, ZTP<sup>+</sup>23]. **Contract** [GCC<sup>+</sup>24a, HLX<sup>+</sup>23b, YND<sup>+</sup>24, YABLR20, ZOJH21]. **Contracts** [AGHC<sup>+</sup>22, ASJA23, CXLG22, GYY<sup>+</sup>24, HSB<sup>+</sup>23, MRO<sup>+</sup>23, YQTR15]. **Contradictions** [Pez24a]. **Contributions** [KCAS23, ZLS24b]. **Contributor** [KCAS23]. **Contributor-Abandoned** [KCAS23]. **Control** [BHB16, CH21, HB22, KAS20, LYL<sup>+</sup>24, MSM<sup>+</sup>24, MCM24, VHNF22, BDL06, DL13, MMST14, MU00, SHR01, TBS92]. **Control-flow** [HB22]. **Controlled** [FSM<sup>+</sup>15, PSZ21, BFN<sup>+</sup>14]. **controllers** [DBPU13]. **controlling** [HGS93]. **Convolution** [YFD<sup>+</sup>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<sup>+</sup>23]. **Correctness** [AB23, LWWM22, TLP<sup>+</sup>22, Hie06, MA14]. **Correlating** [HCW<sup>+</sup>22]. **Correlations** [GL11]. **correspondence** [CW99]. **Corrigenda** [DFB99a]. **Cost** [CST16, FCLL21, NPB22, ZOJH21, ATW94, Bre95, REM<sup>+</sup>04, Wey96]. **Cost-Effective** [ZOJH21, FCLL21, NPB22, REM<sup>+</sup>04]. **Cost-Effectiveness** [CST16]. **Countermeasures** [EWS14, GSC24]. **Counting** [SRH<sup>+</sup>24]. **Coupling** [CBRO16, KK04, MB07, Off92]. **Coverage** [DDS23, GRS<sup>+</sup>16, GGZ<sup>+</sup>15, GSYT21, HWD<sup>+</sup>24, LKA<sup>+</sup>23, LCT<sup>+</sup>23, MWK15, MB20, NWZ<sup>+</sup>23, PGZ<sup>+</sup>20, SVDHB23, WXF<sup>+</sup>24, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, XLW<sup>+</sup>22, XCG<sup>+</sup>24, ZHXZ24, YHC13]. **Coverage-Based** [GGZ<sup>+</sup>15, SVDHB23, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, YHC13]. **Coverage-directed** [NWZ<sup>+</sup>23]. **Coverage-guided** [LCT<sup>+</sup>23, XCG<sup>+</sup>24]. **COVID** [FSZ<sup>+</sup>22, RHV24, RHvB24, MKR<sup>+</sup>23]. **COVID-19** [FSZ<sup>+</sup>22, RHV24, RHvB24, MKR<sup>+</sup>23]. **CPU** [MPR<sup>+</sup>13]. **CQA** [ZLS24b]. **Craftsmanship** [SGhWG22]. **Crash** [GWD<sup>+</sup>21, ZSL<sup>+</sup>13, ZSL<sup>+</sup>22]. **Crash-Triggering** [ZSL<sup>+</sup>13]. **Crasher** [CSX08]. **Crayons** [CCVLW23]. **creation** [MS22]. **Criteria** [MWK15, MB20, OKS<sup>+</sup>16, PLMC23, TAA<sup>+</sup>19, WXF<sup>+</sup>24, Hie02, KSD08, XL20]. **Critical** [SER24, FPBS23, GM01, MS94, NA24]. **Cross** [JHC<sup>+</sup>24, LLZ<sup>+</sup>22, NLT<sup>+</sup>24, WSG<sup>+</sup>23, ZYL<sup>+</sup>18, DCS09]. **Cross-Language** [LLZ<sup>+</sup>22]. **Cross-modal** [WSG<sup>+</sup>23]. **cross-organizational** [DCS09]. **Cross-Project** [JHC<sup>+</sup>24, NLT<sup>+</sup>24, ZYL<sup>+</sup>18]. **crosscutting** [SGL12, MVM07]. **Crowdtesting** [WYMW20]. **Crowdworker** [WYW<sup>+</sup>22]. **Crucial** [BPSSA<sup>+</sup>22]. **Cryptographic** [XSA<sup>+</sup>24, ZMC<sup>+</sup>24, DFG00]. **CSCW** [KAT12]. **CSP** [SLD<sup>+</sup>13]. **Curriculum** [XAY23]. **customizable** [Dev99]. **CVEs** [XCS<sup>+</sup>22]. **Cyber** [CYA22, MSM<sup>+</sup>24, MCM24, SGR<sup>+</sup>23, XAY23, XTW<sup>+</sup>23, ZTP<sup>+</sup>23]. **Cyber-Physical** [MCM24, ZTP<sup>+</sup>23, CYA22, MSM<sup>+</sup>24, XAY23, XTW<sup>+</sup>23]. **Cycle** [VCF21]. **Cycles** [OL22, SS02]. **D** [LDM<sup>+</sup>24, SRH<sup>+</sup>24]. **d-DNNFs** [SRH<sup>+</sup>24]. **Dahl** [Ano02]. **DAISY** [ZHS<sup>+</sup>23]. **Dark** [MCKG24, ZJ97]. **DARWIN** [QRLV12]. **Data** [BHB16, BLBB23, BLBB24, CYA22, CCY<sup>+</sup>21, CTC<sup>+</sup>23, CCXZ23, DPB17, DLY<sup>+</sup>23, FTF22, FTF24, GSYT21, HPH23a, HPH23b, HGC<sup>+</sup>22, KDM17, LM24, LLS<sup>+</sup>21, NWB<sup>+</sup>18, NBB15, SSB20, TG24, TTL<sup>+</sup>21,



WZQL24, XCG<sup>+</sup>24, ZHS<sup>+</sup>23, ZLTH24, BCC<sup>+</sup>01, BG98, CW98, FK96, For94, OSH04, TZZ09, WGG13]. **Data-Driven** [TG24, XCG<sup>+</sup>24]. **Data-flow** [CCXZ23]. **Data-Flow-Guided** [HPH23a, HPH23b]. **Data-Intensive** [NWB<sup>+</sup>18]. **Database** [LMC24, MWK15, CF03, PWX14, WGS07]. **Databases** [AG20]. **Dataflow** [HLX<sup>+</sup>24, KSD08, HPH23a, HPH23b]. **Dataflows** [HLX<sup>+</sup>24]. **Dataset** [YHL<sup>+</sup>22]. **Datasets** [UGKR22]. **Date** [OL22]. **David** [Ros13b]. **DC** [GRS<sup>+</sup>16]. **Deadlines** [DBNG15]. **Deadlock** [ABB<sup>+</sup>18, DBDS94]. **Dealing** [BMC<sup>+</sup>23]. **Deallocation** [CCXZ23]. **Debloating** [HLX23a, SVDHB23]. **Debt** [FBK24, PTTB24, RXX<sup>+</sup>19]. **Debts** [GLL<sup>+</sup>21]. **Debug** [MWP<sup>+</sup>21]. **Debugger** [PBC24]. **Debugger-based** [PBC24]. **Debugging** [CMM<sup>+</sup>15, FPBS23, FSP<sup>+</sup>13, JO15, MQLR16, ZNZ<sup>+</sup>23, AM04, HRD08, OSH04, PBC24, QRLV12]. **Deceiving** [KFY24]. **Decentralized** [EHF20, ML00]. **Deciding** [SGD15]. **Decision** [FBK24, HGW<sup>+</sup>16, JWC<sup>+</sup>24, KDM23, XLW<sup>+</sup>22]. **Decision-making** [KDM23]. **Decisions** [AMGBK22, LLS<sup>+</sup>21, SGR<sup>+</sup>23, AM11]. **Decompiled** [DLY<sup>+</sup>23]. **Decomposition** [BSA22, CCRZ23]. **decoupling** [BTI14]. **deduction** [FS93]. **deductive** [GM01]. **Deep** [AADB24, BT24, CYA22, CWW<sup>+</sup>20, CWM<sup>+</sup>23, CLS<sup>+</sup>23, CWH<sup>+</sup>21, GHXZ24, GHX<sup>+</sup>24, HGC<sup>+</sup>22, HWD<sup>+</sup>24, HGX<sup>+</sup>24b, HZB<sup>+</sup>24, JYZ<sup>+</sup>24, KFY23, LCT<sup>+</sup>23, LLSM22, LGX<sup>+</sup>22, LGC<sup>+</sup>23, LHW<sup>+</sup>24, MPT<sup>+</sup>21, MZW<sup>+</sup>23, NLT<sup>+</sup>24, NBMK22, QWG<sup>+</sup>23, RWS<sup>+</sup>24, RMCT22, SKY23, TKA24, WXL<sup>+</sup>21, WYC<sup>+</sup>24, WCP<sup>+</sup>22, WWAC23, WT24a, WT24b, XLW<sup>+</sup>22, XLD<sup>+</sup>24, YDX<sup>+</sup>24, YHL<sup>+</sup>22, ZFL<sup>+</sup>22, ZHY24, ZXS<sup>+</sup>24, ZZS<sup>+</sup>22, ZLP<sup>+</sup>24, ZRG23, ZZX<sup>+</sup>21, LLZ<sup>+</sup>24]. **DeepGD** [AADB24]. **Deeply** [PFG<sup>+</sup>24]. **DeepPatch** [WWAC23]. **DeepWukong** [CWH<sup>+</sup>21].

## Defect

[FAP22, GLH<sup>+</sup>24, JHC<sup>+</sup>24, KS20, NXL<sup>+</sup>22, PTAB24, WZQL24, YFI<sup>+</sup>24, ZYL<sup>+</sup>18, SM12]. **Defective** [VCF21]. **Defects** [AVY11, AHGZ23, FAP22, VCF21]. **Defined** [FFM24, GKKH24, OSB24]. **Defining** [TG23]. **Degradation** [FHCY24]. **deGraphCS** [ZYL<sup>+</sup>23]. **Degree** [FMMH<sup>+</sup>14]. **Degree-of-knowledge** [FMMH<sup>+</sup>14]. **Delivery** [GJS<sup>+</sup>23, ZTP<sup>+</sup>23]. **Delta** [HT98, HVT98]. **DeltaDroid** [GJS<sup>+</sup>23]. **Demystifying** [SCL<sup>+</sup>23]. **Denoising** [BXX<sup>+</sup>20, TZW<sup>+</sup>24]. **Depended** [VCP<sup>+</sup>23]. **Dependence** [FCLL21, PXJ17, Di197, SHR01, SRK06]. **dependences** [Jac95a, OSH04]. **dependencies** [BGO<sup>+</sup>14, Gun00, Rob08]. **Dependency** [JCSA23, RCH23, SEM17, CY11, GL14]. **dependency-based** [CY11]. **dependency-driven** [GL14]. **Deployed** [AVY11]. **Deployment** [BSOM24]. **Depth** [XCS<sup>+</sup>22, SBBL23, ZXLC14]. **Derivation** [MWC<sup>+</sup>24]. **Derive** [YBL15, XM08]. **derived** [IWY00]. **Descent** [YLWW24]. **Description** [Bj019, DvdHT05, DJ97]. **Descriptions** [GCX<sup>+</sup>22, JZL<sup>+</sup>19a, YXZ<sup>+</sup>23, AAG95, BAD08, WJ10]. **descriptors** [DER10]. **DESEN** [KAS20]. **Deserialization** [SBBL23]. **Desert** [Rei99]. **Design** [AROK21, AMGBK22, BPD<sup>+</sup>24, BXX<sup>+</sup>24, BPT10, CCX<sup>+</sup>20, EK11, HDKM23, KDM23, LSN<sup>+</sup>23, LSBN24, Liu22, DDGR18, MFL12, PTTB24, RAE<sup>+</sup>24, SGR<sup>+</sup>15, TG24, BM07, BO92, BRRP05, BFN<sup>+</sup>14, CSC06, CR94, FBC<sup>+</sup>13, FP02, GGLT07, LL00, MRK<sup>+</sup>97, RS09, SS06, SB06, SGR<sup>+</sup>10, YTL<sup>+</sup>95, ZB13]. **Design-Pattern** [SGR<sup>+</sup>15]. **Designers** [CZ19]. **Designing** [BCC<sup>+</sup>01, DL11, XM07, CPPRM03]. **Designs** [CLMPS<sup>+</sup>24, SB02]. **Destruct** [CXLG22]. **Detect** [CSB<sup>+</sup>24, ZCL<sup>+</sup>24]. **Detecting**



[AVY11, CWH<sup>+</sup>21, CCXZ23, GCX<sup>+</sup>22, LWD<sup>+</sup>24, LZF<sup>+</sup>24, DDGR18, MM13, SZZ<sup>+</sup>24, WCB<sup>+</sup>20, YHXY24, YHL<sup>+</sup>22, ZSL<sup>+</sup>13, ZCW<sup>+</sup>24, ZXZ<sup>+</sup>24, Jac95a, LS13]. **Detection** [Cai20, CL22, CCY<sup>+</sup>21, EKL<sup>+</sup>19, GHM18, JPS22, LRCS14, MNB<sup>+</sup>22, MS14, NLT<sup>+</sup>24, NBMK22, RD15, RXX<sup>+</sup>19, SKBD14, SLWZ24, SXX<sup>+</sup>24, SZZ<sup>+</sup>23, UGKR22, WWZ<sup>+</sup>22, XMA<sup>+</sup>14, XAY23, XGF<sup>+</sup>23, YXX<sup>+</sup>23, YDX<sup>+</sup>24, YCG<sup>+</sup>24, YND<sup>+</sup>24, YXM<sup>+</sup>23, ZAW92, ZFL<sup>+</sup>22, ZHV<sup>+</sup>23, ZLW<sup>+</sup>21, ZCL<sup>+</sup>24, ZMC<sup>+</sup>24, ZZL<sup>+</sup>24, ZWY<sup>+</sup>21, LLZ<sup>+</sup>24, FN03, Kuh99, SMT92, TK02, XR13]. **Detector** [ZZX<sup>+</sup>21]. **Detectors** [CZW<sup>+</sup>24]. **determination** [OLR<sup>+</sup>96]. **deterministic** [HT17]. **Developer** [BFFG19, BAJA23, CDKP21, CCY<sup>+</sup>21, EHEZ21, GGHM24, KS22, SZZ<sup>+</sup>24, SHLW21, WFW<sup>+</sup>20, CF10, FMMH<sup>+</sup>14, Sin10]. **Developers** [CXH23, FSZ<sup>+</sup>22, NMA<sup>+</sup>23, NKL<sup>+</sup>24, PZS<sup>+</sup>20, PLZ<sup>+</sup>22, RHV24, RHvB24, YZP<sup>+</sup>22, ZWCH21]. **Developing** [BPD<sup>+</sup>24, HRD08, TAA<sup>+</sup>19, ZJW03, ZOJH21, MGMM11]. **Development** [BFFG19, BSA24, CFL<sup>+</sup>16, GTD21, KRM24, KCMS24, LKRF22, LCS<sup>+</sup>22, LSB<sup>+</sup>23, MNB<sup>+</sup>22, MKR<sup>+</sup>23, MS15, PDHR23, RFDS24, SMY<sup>+</sup>24, TG23, ZCT18, AM11, DvdHT05, EAS08, ELN<sup>+</sup>92, GJ08, KK93, MFH02, PSV01, SCK13, Tiw08]. **development-oriented** [AM11]. **Deviated** [TZW<sup>+</sup>23]. **deviations** [CDFG96]. **device** [HHC<sup>+</sup>24, HDKM23]. **Devices** [LZS<sup>+</sup>24]. **diagnosis** [NLR11]. **diagram** [BP05]. **Diagrams** [AB23, BM13, Egy02, Esh06, LK14]. **DiaPro** [CST16]. **Differ** [JA22]. **Differentiable** [FYW24]. **Differential** [LHW<sup>+</sup>24, MQLR16, NWZ<sup>+</sup>23, TCDZ19]. **Difficulty** [WZQL24]. **DIG** [NKWF14]. **Digital** [XAY23]. **Digitization** [PCGGRC<sup>+</sup>24]. **Digraphs** [EM15]. **Dijkstra** [Ano02]. **Dimensional** [SFG<sup>+</sup>24]. **DinoDroid** [ZHY24]. **DIRE** [DLY<sup>+</sup>23]. **Directed** [SDLC23, YPRK14, NWZ<sup>+</sup>23]. **discipline** [KLV05]. **Disclosed** [ISI<sup>+</sup>24]. **Discover** [HSX<sup>+</sup>24a]. **Discoverability** [ACSA23]. **Discovering** [CW98, GL11]. **Discovery** [Böh18, SPK14, WXF<sup>+</sup>24, ZHS<sup>+</sup>23, ZZW<sup>+</sup>23, GL14]. **Discrepancies** [SXX<sup>+</sup>24]. **discrete** [Ost99]. **Discrimination** [ZSWS23]. **Discussions** [EHEZ21]. **Disengagement** [GHXZ24]. **Disruptive** [SRN<sup>+</sup>24]. **Dissecting** [FMMB23b, FMMB23a]. **Distinguishing** [HT17]. **Distributed** [BLX<sup>+</sup>20, DDI22, FCLL21, GTD21, Hie14, LGC<sup>+</sup>23, TG11, WME93, KK93, MU00]. **Distribution** [DDS23, HGC<sup>+</sup>22, HZB<sup>+</sup>24, TS09]. **Distribution-Aware** [HGC<sup>+</sup>22, HZB<sup>+</sup>24]. **Diversifying** [MJS<sup>+</sup>21]. **Diversity** [XHL<sup>+</sup>24, ZLS24b, HAB13]. **DNN** [FPBS23, HGX<sup>+</sup>24a, SLWZ24, TZW<sup>+</sup>23]. **DNN-based** [FPBS23, SLWZ24]. **DNNFs** [SRH<sup>+</sup>24]. **DNNs** [AFPB23, AFPB24, KFY24]. **Do** [CMM<sup>+</sup>15, CXLG22, CL23a, DPC<sup>+</sup>24, JA22, LYCY14, PLZ<sup>+</sup>22, SURL11, YZP<sup>+</sup>22, ZWL<sup>+</sup>24, CAC08]. **Docker** [RSBO23]. **Dockerfile** [ZZL<sup>+</sup>24]. **Documentation** [CXH23, HCW<sup>+</sup>22, UKR21, TBS92]. **Documenting** [SGR<sup>+</sup>15]. **documents** [SMT92]. **Does** [CXH<sup>+</sup>21, FSM<sup>+</sup>15]. **Domain** [ASNB19, Bjø19, BMC<sup>+</sup>23, FCG<sup>+</sup>24, HZS08, LZCC24, NLT<sup>+</sup>24, OFS24, YDX<sup>+</sup>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<sup>+</sup>24]. **Driven** [CCRZ23, CLBY18, DG17, FFM24, PCGGRC<sup>+</sup>24, PVHW17, TG24, BDL06, GL14, GGPR24, GTD21, KKP<sup>+</sup>23, NPB22, XCG<sup>+</sup>24].



**Driving** [GGPR24, KSFC24, LKA<sup>+</sup>23, SER24, TZZ<sup>+</sup>23, ZRT24, BKD<sup>+</sup>23]. **DSD** [CSX08]. **DSD-Crasher** [CSX08]. **DSHGT** [ZXZ<sup>+</sup>24]. **Dual** [CL23a, SNM23, ZXZ<sup>+</sup>24]. **Dual-Supervisors** [ZXZ<sup>+</sup>24]. **Duplicate** [WYMW20, ZHV<sup>+</sup>23]. **Duplication** [ZLW<sup>+</sup>21, DER10]. **During** [MKR<sup>+</sup>23, FHS<sup>+</sup>24, FSZ<sup>+</sup>22, KBZ<sup>+</sup>24, NKL<sup>+</sup>24, RHV24, RHvB24]. **DynAlloy** [FPGA07]. **Dynamic** [CST16, CCY<sup>+</sup>24, CYM<sup>+</sup>24, FCLL21, GJS<sup>+</sup>23, HB22, HSX<sup>+</sup>24b, HCJ<sup>+</sup>24, KMYK19, LZS<sup>+</sup>24, DDGR18, NKWF14, PXJ17, PSW<sup>+</sup>20, RSC<sup>+</sup>24, XMA<sup>+</sup>14, ZHS<sup>+</sup>23, CY11, DR10, FC00, FPB<sup>+</sup>05, GSH97, PJRR10]. **Dynamic-Analysis-Induced** [ZHS<sup>+</sup>23]. **Dynamic-typed** [HCJ<sup>+</sup>24]. **Dynamically** [HLX<sup>+</sup>24, WGSD07]. **Dynamics** [BSA22, KCAS23]. **Dynamite** [MPF14].

**E3** [JPL98]. **Eagle** [LHX21]. **Early** [CM23, CCS24, ISI<sup>+</sup>24, KDM17, KDM23]. **EASE** [PKMY24]. **Easier** [CMM<sup>+</sup>15]. **Easy** [WWJ<sup>+</sup>24, ZWCH21]. **Ecosystem** [ZWZ<sup>+</sup>24]. **Ecosystems** [BKHT21]. **Edit** [LLL<sup>+</sup>23, MNB<sup>+</sup>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, Pez24b, Pez24a, Pez24c, Ros13a, Ros14c, Ros14a, Ros14b, Ros16, Ros17, Ros18a, Ros18b, Ros19, Pez23]. **Edsger** [Ano02]. **Education** [SMY<sup>+</sup>24]. **Effect** [GRS<sup>+</sup>16, HZBS14, JFJ<sup>+</sup>23, RST<sup>+</sup>14, ZSL<sup>+</sup>13, Off92, Sin10, ZXLC14]. **Effect-Oriented** [ZSL<sup>+</sup>13]. **Effective** [DGZ24, FYD<sup>+</sup>08, LZL<sup>+</sup>24, RD15, YFL<sup>+</sup>24, ZOJH21, ZBA23, ZRGT23, CF10, FCLL21, Hen97, NPB22, REM<sup>+</sup>04]. **Effectiveness** [CST16, CMM<sup>+</sup>15, GRS<sup>+</sup>16, MWK15, ODE21, UGKR22, VR23, YND<sup>+</sup>24, ZWL<sup>+</sup>24, CM08]. **Efficiency** [CMM<sup>+</sup>15, FHCY24, YND<sup>+</sup>24, LH02]. **Efficient** [AGRR19, AVY11, CWW<sup>+</sup>20, EMM24, FPGA07, GKKE24, HSB<sup>+</sup>23, HQM<sup>+</sup>23, LYL<sup>+</sup>24, LSX<sup>+</sup>24, QHM<sup>+</sup>23, SRK06, SRH<sup>+</sup>24, WT24a, WT24b, ZRGT23, ZWGX22, ZNZ<sup>+</sup>23, dFLSV14, RH97]. **Efficiently** [DL11]. **Effort** [KS22, PKMY24, SP18, SMY19, WOM15, AM11, BM07, GJ08, MY13]. **Effort-aware** [PKMY24]. **Eight** [Pez24c]. **elaboration** [UKM04]. **Element** [NAF<sup>+</sup>23]. **Elephant** [YLM<sup>+</sup>23]. **Elevator** [HAY<sup>+</sup>23]. **Eliciting** [JPL98]. **Elite** [WFW<sup>+</sup>20]. **Embedded** [BNB14, LZS<sup>+</sup>24, MFL12, PFG<sup>+</sup>24, GGLT07]. **Embedding** [LWWM22, WMW<sup>+</sup>23, XSA<sup>+</sup>24, YFD<sup>+</sup>23, YFL<sup>+</sup>24, ZYL<sup>+</sup>23]. **Embeddings** [DLSC23, ETM22, TLL<sup>+</sup>23]. **Emergent** [LBZ14]. **Emoji** [CCY<sup>+</sup>21]. **Emoji-powered** [CCY<sup>+</sup>21]. **Emotion** [CCY<sup>+</sup>21]. **Emotional** [MHG24]. **Empathy** [GGHM24]. **Empirical** [AROK21, AAP<sup>+</sup>20, BYTS23, BSOM24, CWM<sup>+</sup>20, CZSH23, CL23a, CCY<sup>+</sup>24, EHEZ21, FSM<sup>+</sup>15, FTF22, FTF24, GLL<sup>+</sup>21, HGC<sup>+</sup>22, KCMS24, LLSM22, LMC24, LASA24, LLS<sup>+</sup>21, MBH09, ODE21, PORH23, RSBP23, RWEB19, SST24, TWB<sup>+</sup>19, UGKR22, VCP<sup>+</sup>23, VLJ<sup>+</sup>18, WYC<sup>+</sup>24, WXF<sup>+</sup>24, YXK<sup>+</sup>17, ZHO<sup>+</sup>18, ZLP<sup>+</sup>24, BM07, BGH07, GHK<sup>+</sup>01, HT98, HVT98, MB07, MC08, MNGL98, SR05, Tiw08]. **Empowered** [CCH<sup>+</sup>24]. **Emulation** [DDI22, ZHXZ24]. **emulators** [MPR<sup>+</sup>13]. **Enable** [ZBA23]. **enabled** [VTA04]. **Enabledness** [DBGU13, GGGU21]. **Enabledness-based** [DBGU13, GGGU21]. **Enablers** [GGHM24]. **End** [Pez24b, ZSL<sup>+</sup>22, Dev99, LASL13]. **End-to-End** [ZSL<sup>+</sup>22]. **end-user** [LASL13]. **Endogeneity** [GVW24]. **Energy** [LCL<sup>+</sup>23, LVBBC<sup>+</sup>18, RWS<sup>+</sup>24]. **Energy-Awareness** [RWS<sup>+</sup>24].



**Engagement** [FHS<sup>+</sup>24, TSS24]. **Engineer** [WI23]. **Engineered** [TLL<sup>+</sup>23].

**Engineering**  
 [AAD<sup>+</sup>24, AAP<sup>+</sup>20, BPD<sup>+</sup>24, CL22, CCS24, CL23b, DG17, DL11, DGGJ24, DR15, FTF22, FTF24, GLFW22, HGHM23, HZL<sup>+</sup>24, LGX<sup>+</sup>22, LGC<sup>+</sup>23, MFBF<sup>+</sup>22, MBH<sup>+</sup>17, MP14, OKS<sup>+</sup>16, Pez24a, RAE<sup>+</sup>24, Rus24a, Rus24b, STS<sup>+</sup>18, SF18, UGKR22, WFF<sup>+</sup>19, WCP<sup>+</sup>22, YXL<sup>+</sup>22, ZLS24b, ACF97, CDP04, ELvdH<sup>+</sup>05, KLV05, LASL13, RSB05, SR05, TBS92, UFG14, XL20, ZJ97]. **Engineering-related** [HGHM23].

**Engineers** [PLMC23, HBB<sup>+</sup>09]. **Engines** [SURL11]. **Enhanced** [JWC<sup>+</sup>24, YXM<sup>+</sup>23, SS06]. **Enhancement** [HGC<sup>+</sup>22, ZFL<sup>+</sup>22]. **Enhancing** [AG22, HWD<sup>+</sup>24, RWS<sup>+</sup>24, YDX<sup>+</sup>24, TS09].

**Enough** [CBRO16, MCB<sup>+</sup>23]. **Enriched** [HLX<sup>+</sup>23b]. **Ensemble** [UGKR22].

**Ensuring** [SEM17]. **Entity** [HSX<sup>+</sup>24b].

**Entry** [BLBB23, BLBB24]. **Enumerating** [XFS<sup>+</sup>24]. **environment** [ATW94, Bre95, FGMP03, Kli93, MRK<sup>+</sup>97, Rei99, RVMRM04, SN92, TY92].

**Environments**  
 [BKD<sup>+</sup>23, ACF97, DHW98, ELN<sup>+</sup>92, KK93, Kli93, MGP<sup>+</sup>13, PJRR10, PWD<sup>+</sup>99].

**equations** [BRG<sup>+</sup>01, KGA<sup>+</sup>12].

**Equivalence** [LH02, MGTR18, DSV03].

**Equivalent** [LCZL14, XFS<sup>+</sup>24]. **Era** [LGC<sup>+</sup>23]. **ERC** [MRO<sup>+</sup>23]. **Errata** [AG98]. **Error** [TG24, Kuh99, TK02].

**errors** [TD01, ZAW92]. **ESP** [Cia93].

**Essential** [SLB<sup>+</sup>21]. **estimates** [GJ08].

**Estimating** [GLH<sup>+</sup>24, LLLM23, LSN<sup>+</sup>23, MB15, PBU16, ZLS<sup>+</sup>24a, BM07].

**Estimation**  
 [CWW<sup>+</sup>20, KS22, LSBN24, PMM<sup>+</sup>99, SP18, WOM15, ZFL<sup>+</sup>22, MY13, TZZ09].

**Estimator** [KS20]. **Ethereum** [ASJA23, CXLG22, MRO<sup>+</sup>23, PORH23, WWZ<sup>+</sup>22, ZOJH21, ZCZ<sup>+</sup>23]. **Ethics** [PHS<sup>+</sup>24]. **Evaluate** [KDM23, MGP<sup>+</sup>13].

**Evaluating**  
 [KFY23, LH08, TAA<sup>+</sup>19, WGG13].

**Evaluation** [AAP<sup>+</sup>20, FMMB23b, FMMB23a, FA14, HCW<sup>+</sup>22, KDM17, MS15, RWEB19, SBMK21, SMBK22, YLM<sup>+</sup>23, YCG<sup>+</sup>24, YHL<sup>+</sup>22, ZWL<sup>+</sup>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, LZCC24, MWC<sup>+</sup>24, OSD<sup>+</sup>23, LSH23, RM03, RVMRM04, SN92, SYL<sup>+</sup>23, THHB06, WGG13]. **Evolution-Aware** [MWC<sup>+</sup>24].

**Evolutionary**  
 [HLL<sup>+</sup>16, HKA24, YB20, Hen97, MBH09].

**evolvability** [CS12]. **Evolving** [OSD<sup>+</sup>23, DCS09, QRLV12]. **EvoMaster** [Arc19, ZA22, ZAL<sup>+</sup>23]. **EvoSuite** [FA14].

**Exact** [HKMB<sup>+</sup>14, LXS<sup>+</sup>24]. **Examination** [ZYL<sup>+</sup>18]. **Examining** [MAKM22].

**Example** [LKRF22, WWJ<sup>+</sup>24]. **Examples** [BS16, ZCL<sup>+</sup>24]. **Exception** [CMP13, ZE14, RM03]. **Executables** [AEK<sup>+</sup>16]. **Execution** [CPCT21, KPC18, SBBL23, TDT<sup>+</sup>22, WCB<sup>+</sup>20, YPRK14, AM04, Di193, DHW98, SMAC08].

**Executions** [BLX<sup>+</sup>20, EM18, PSW<sup>+</sup>20].

**Exhaustive** [HML23]. **Existing** [AG22, XTZ<sup>+</sup>24]. **Expansion** [GCH<sup>+</sup>24].

**experience** [CMCP<sup>+</sup>99, YTL<sup>+</sup>95].

**Experiential** [SMY<sup>+</sup>24]. **Experiment** [OL22, PSZ21, BFN<sup>+</sup>14]. **Experimental** [CMM<sup>+</sup>15, DO93, DBDS94, OLR<sup>+</sup>96, SMT92]. **Experiments** [SGR<sup>+</sup>15, Ham09, YBL13]. **expert** [CF10, Kip92]. **Explainability** [LTLL24, RXX<sup>+</sup>19]. **Explainable** [WPX<sup>+</sup>23]. **Explainer** [YFI<sup>+</sup>24].

**Explaining** [CZW<sup>+</sup>24, JCMS24, NA24].

**Explanation** [FPBS23]. **Explicit** [BHB16]. **Explicit-Data** [BHB16]. **Exploitability**



[ISI<sup>+</sup>24]. **Exploiting** [CGPP15]. **Exploits** [SBBL23]. **Exploration** [CS22, HWD<sup>+</sup>24, ZRGT23, QNR13]. **Explorations** [PBU16]. **Exploratory** [GZW<sup>+</sup>23, TTL<sup>+</sup>21]. **Exploring** [CCW<sup>+</sup>23, MZW<sup>+</sup>23, PTTB24, RCAH23, SLWZ24, ZLS24b]. **Exposing** [LBZ14]. **expressions** [KGA<sup>+</sup>12]. **Expressive** [TG11, BLW09, WJ10]. **Extended** [EM15, EM18, ZE14, LY05]. **extensibility** [BJMH02]. **Extensible** [TG11]. **Extension** [PKMY24]. **Extensive** [LYB<sup>+</sup>24]. **External** [GL14]. **Extracting** [KM10, MA24]. **Extraction** [ASNB19, AFPB23, ASJA23, BXX<sup>+</sup>20, GWD<sup>+</sup>21, HSX<sup>+</sup>24b, YXZ<sup>+</sup>23, MN96]. **Extractive** [SFC<sup>+</sup>24]. **Extractive-and-Abstractive** [SFC<sup>+</sup>24]. **extractors** [MNGL98].

**FaaSLight** [LWC<sup>+</sup>23]. **Faced** [NKL<sup>+</sup>24]. **Facet** [DGK21]. **Facet-oriented** [DGK21]. **faceted** [DFB99a, DFB99b]. **Facilitating** [RKBL19, YBL13]. **Facing** [SLWZ24]. **factors** [SAB<sup>+</sup>14]. **factory** [BCC92, FLM<sup>+</sup>98]. **Failed** [JA22]. **Failing** [TLP<sup>+</sup>22]. **Failure** [JCNS24, NL11, OSB24, SZX<sup>+</sup>24, WXF<sup>+</sup>24, Wey96]. **Failure-Causing** [NL11]. **Failure-Inducing** [OSB24]. **Failures** [HMW23, JO15, JCNS24, LJL<sup>+</sup>20]. **Fair** [MCB<sup>+</sup>23]. **Faire** [LXW<sup>+</sup>24]. **Fairness** [CZH<sup>+</sup>24, LXW<sup>+</sup>24, MCB<sup>+</sup>23, SCZH24, WYW<sup>+</sup>22]. **Fairness-Aware** [WYW<sup>+</sup>22]. **families** [BCD02]. **Family** [GHM18, LYZ<sup>+</sup>24, MHFW24, RKBL19, SGR<sup>+</sup>15, WFF<sup>+</sup>19]. **Family-based** [RKBL19]. **Fan** [MVM07]. **Fan-In** [MVM07]. **Far** [CL22, GLL<sup>+</sup>21, GLL<sup>+</sup>23, GCC<sup>+</sup>24b, HZX<sup>+</sup>24, ZHV<sup>+</sup>23, ZYL<sup>+</sup>18]. **Farewell** [Ros19]. **Fast** [WWY<sup>+</sup>23]. **Fault** [AROK21, EKL<sup>+</sup>19, HMW23, JWC<sup>+</sup>24, KKP<sup>+</sup>23, KMYK19, Kuh99, NBMK22, TSPRC18, WYM<sup>+</sup>24, YHC13, YXK<sup>+</sup>17, ZLS<sup>+</sup>23, CCX11, Hie02, Hie09, KB07, LY05, MA14, SMT92, TK02, XCKX13, ZXLC14]. **Fault-Prone** [AROK21]. **Faults** [HZBS14, MZA22, SRTR17, LS13]. **Faulty** [SYA21]. **Feasibility** [EK11]. **Feasible** [ZLS<sup>+</sup>24a]. **Feature** [ABC<sup>+</sup>22, AFPB23, CLBY18, DDS23, FN03, HLL<sup>+</sup>16, MHFW24, RWEB19, SRH<sup>+</sup>24, WRD<sup>+</sup>22, ZRGT23, ZS97, ZZL<sup>+</sup>06]. **Feature-Guided** [CLBY18]. **Feature-Model** [SRH<sup>+</sup>24]. **Features** [JZL<sup>+</sup>19a, KS22, KMYK19, NA24, TLL<sup>+</sup>23, ZCZ<sup>+</sup>23, DR10, Zav04]. **Feedback** [FHS<sup>+</sup>24, SDLC23, GJ08]. **Feedback-Directed** [SDLC23]. **Feedforward** [BK23]. **FEMOSAA** [CLBY18]. **Fidelity** [CZW<sup>+</sup>24]. **Field** [DPB17, JO15]. **Fields** [BLBB23]. **File** [DGZ24]. **Filling** [BLBB23]. **Filtering** [EMM24]. **Finding** [OBH24, TZW<sup>+</sup>23, ZLA<sup>+</sup>24, CSX08]. **Finite** [PGZ<sup>+</sup>20, RWS<sup>+</sup>24, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, ZLTH24, BRR01, DL13]. **Fine-Grained** [RWS<sup>+</sup>24, ZLTH24, PGZ<sup>+</sup>20, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, BRR01, DL13]. **Finite** [BM13, DDMM22, EM18, Cor00]. **Finite-State** [EM18, Cor00]. **Firmware** [WRD<sup>+</sup>22]. **First** [DR15, GSC24, HHC<sup>+</sup>24, MCKG24]. **First-Order** [GSC24]. **Fitness** [FFM24]. **Fix** [HSC<sup>+</sup>24, LZL<sup>+</sup>23]. **Fixed** [OL22]. **Fixed-Date** [OL22]. **Fixes** [SNM23]. **Fixing** [SRTR17, TWB<sup>+</sup>19, WLX<sup>+</sup>24]. **FlagRemover** [BHL11]. **flags** [BHL11]. **Flaky** [PKHM22]. **Flexible** [NEFE03, BTI14]. **Floating** [BCGB21]. **Floating-Point** [BCGB21]. **Flow** [CH21, DCCN04, HPH23a, LYL<sup>+</sup>24, TDL<sup>+</sup>24, ZYL<sup>+</sup>23, CCXZ23, For94, HPH23b, HB22, WWY<sup>+</sup>23]. **flow-sensitive** [For94]. **flows** [MP09]. **Focused** [MJS<sup>+</sup>21, ZRT24]. **Fold2Vec** [BC23]. **Follow** [STS<sup>+</sup>18]. **Foraging** [FSP<sup>+</sup>13]. **Formal** [BP05, CTA<sup>+</sup>21, CR94, EWS14,



GXSC21, RO18, YJW<sup>+</sup>20, YFI<sup>+</sup>24, AG97, AG98, BRRP05, BKM07, CS12, CMCP<sup>+</sup>99, CRST12, CPPRM03, FP02, MMST14, PGM12, SCK13, VTA04, SB06].

#### **Formalizing**

[AAG95, CD98, BP98, CDFG96]. **Formally** [WI23, CMCP<sup>+</sup>99]. **FormatFuzzer** [DGZ24]. **Formats** [DGZ24]. **formatters** [vdBV96]. **Formed** [TC20]. **Forms** [BLBB23, BLBB24]. **formulas** [XCKX13]. **forward** [Ros13a]. **Found** [MZA22]. **Foundation** [XTW<sup>+</sup>23, SCK13].

**Foundations** [KF07]. **Founded** [WI23].

**Four** [ZJ97, CD98]. **FQN** [HYX<sup>+</sup>24].

**Fragile** [HDKM23]. **frames** [KK04].

**Framework** [AEK<sup>+</sup>16, BPD<sup>+</sup>24, BK24, CTA<sup>+</sup>21, CLS<sup>+</sup>23, DR11, JHC<sup>+</sup>24, JYZ<sup>+</sup>24, KAT12, LWD<sup>+</sup>24, MAL24, MS15, OFS24, SFC<sup>+</sup>24, SIB23, TG24, WSG<sup>+</sup>23, WWZ<sup>+</sup>22, XW22, YBL15, BCTW96, CDP04, CDFG96, Dev99, For94, MS03, SGL12, WGG13]. **Free** [RCAH23, HGX<sup>+</sup>24b, KGA<sup>+</sup>12, vdBV96].

**Freedom** [ABB<sup>+</sup>18]. **front** [Dev99].

**front-end-retargetable** [Dev99]. **FSMs**

[HT17]. **Full** [SRTR17, ZHXZ24].

**Full-Word** [SRTR17]. **Function** [CXLG22, DPC<sup>+</sup>24, JFJ<sup>+</sup>23, LWC<sup>+</sup>23, YND<sup>+</sup>24].

**Function-as-a-Service** [LWC<sup>+</sup>23].

**Function-Oriented** [YND<sup>+</sup>24]. **Functional** [Bro93, GD08, LLLM23, RST<sup>+</sup>14, MGP<sup>+</sup>13].

#### **Functions**

[BCGB21, FFM24, Hie09, MPG<sup>+</sup>13, VKV03].

**FunFuzz** [YND<sup>+</sup>24]. **Future** [Pez24c].

**FuzzBench** [FMMB23b, FMMB23a].

**Fuzzer** [HPH23a, HPH23b, YND<sup>+</sup>24].

**Fuzzers** [LZS<sup>+</sup>24]. **Fuzzing** [AZG24, DGZ24, HQM<sup>+</sup>23, LZS<sup>+</sup>24, LHW<sup>+</sup>24, LSX<sup>+</sup>24, NKL<sup>+</sup>24, QHM<sup>+</sup>23, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b, XCG<sup>+</sup>24, ZKW<sup>+</sup>23a, ZKW<sup>+</sup>23b, ZBA23, ZA23, ZAL<sup>+</sup>23, ZMC<sup>+</sup>24]. **Fuzzy** [FMMB23b, FMMB23a].

**Gaia** [DL11, ZJW03]. **Gaia-PL** [DL11].

**Game** [FBK24, NMA<sup>+</sup>23]. **Gas** [ZOJH21].

**General** [LWC<sup>+</sup>23, CCX11]. **Generalizable** [DLSC23]. **Generate** [HLX<sup>+</sup>24].

**Generated** [CMM<sup>+</sup>15, FFM24, LLCW<sup>+</sup>24, TKA24, LS13, WGSD07]. **Generating** [ARG17, DRW96, GXG<sup>+</sup>20, GCC<sup>+</sup>24b, HT17, IC14, SSB20, YJW<sup>+</sup>20, Kli93].

#### **Generation**

[Arc19, AG20, BFFG19, DTC<sup>+</sup>24, DJJL24, EMM24, FA14, FSM<sup>+</sup>15, GZX<sup>+</sup>22, GSYT21, GCH<sup>+</sup>24, HLL<sup>+</sup>20, HAB<sup>+</sup>20, HCW<sup>+</sup>22, JDW<sup>+</sup>24, JCNS24, KFY24, LCT<sup>+</sup>23, LZL<sup>+</sup>24, LHW<sup>+</sup>24, LTLL24, MZA22, MGTR18, SMBO21, SWW<sup>+</sup>24, TZW<sup>+</sup>24, WXL<sup>+</sup>21, XHL<sup>+</sup>24, XVN22, YZY<sup>+</sup>24, ZA22, ZS<sup>+</sup>22, ZWT<sup>+</sup>24, ZRT24, vdBV96, EF05, FK96, FRB<sup>+</sup>06, HZS08, PWX14].

**Generation-based** [LHW<sup>+</sup>24]. **Generative**

[KAT12, Rus24a, Rus24b]. **Generator**

[NKWF14, DO93]. **Generic**

[CWM<sup>+</sup>20, LL00]. **Genetic**

[DBNG15, GWH<sup>+</sup>24, YXK<sup>+</sup>17]. **GENOA**

[Dev99]. **GIST** [TKA24]. **Git** [YZP<sup>+</sup>22].

#### **GitHub**

[AH24, BYTS23, BAJA23, SST24, WBRH23].

**Gitter** [EHEZ21]. **Global**

[ABB<sup>+</sup>18, CFL<sup>+</sup>16, WFF<sup>+</sup>19, ZLS<sup>+</sup>23]. **Go** [CL22, GLL<sup>+</sup>23]. **Goals**

[BBS16, MHG24, DBPU13]. **Good**

[SWW<sup>+</sup>24, WGB<sup>+</sup>24, YZY<sup>+</sup>24]. **Google**

[CCH<sup>+</sup>21]. **governed** [MU00]. **GQM**

[FLM<sup>+</sup>98]. **Graded** [Ban23]. **Gradient**

[YLWW24]. **Grained**

[RWS<sup>+</sup>24, ZLTH24, BRR01, DL13, PGZ<sup>+</sup>20, WNN<sup>+</sup>24a, WNN<sup>+</sup>24b]. **grammars**

[KGA<sup>+</sup>12]. **grammarware** [KLV05]. **Graph**

[ARL<sup>+</sup>15, CWH<sup>+</sup>21, DLP<sup>+</sup>24, DLSC23, HLX<sup>+</sup>23b, LD24, NBMK22, PTY95, TG23, WPX<sup>+</sup>23, YFD<sup>+</sup>23, ZYL<sup>+</sup>23, ZXZ<sup>+</sup>24, MNGL98]. **graphical** [DKM<sup>+</sup>94, MRK<sup>+</sup>97].

**GraphPrior** [DLP<sup>+</sup>24]. **Graphs**

[HLX<sup>+</sup>24, SRK06]. **Graphuzz** [XCG<sup>+</sup>24].

**GreASE** [dFLSV14]. **Greenkeeper**

[RCAH23]. **Greybox** [XCG<sup>+</sup>24]. **Grid**

[EMM24]. **Grid-Based** [EMM24]. **Group**



[BSA22, ZSWS23]. **growth** [JMS08]. **guarantee** [CAC08]. **Guaranteeing** [ALMS22]. **Guarantees** [OBH24]. **GUI** [ABC<sup>+</sup>22, HWD<sup>+</sup>24, Mem08, XM07, XM08, YFL<sup>+</sup>24]. **GUI-based** [XM07]. **Guide** [DGGJ24, HAB<sup>+</sup>20, WXF<sup>+</sup>24]. **Guided** [CLBY18, GGH<sup>+</sup>23, GYY<sup>+</sup>24, HPH23a, HBF<sup>+</sup>24, PWX14, SDG<sup>+</sup>24, WRD<sup>+</sup>22, ZLS<sup>+</sup>23, ZZW<sup>+</sup>23, HPH23b, LCT<sup>+</sup>23, TCDZ19, XCG<sup>+</sup>24, ZHXZ24]. **Guideline** [PCGGRC<sup>+</sup>24]. **Guidelines** [FTF22, GGZ<sup>+</sup>15, GLFW22]. **Guiding** [CL23a, PTAB24]. **GUIs** [HDG<sup>+</sup>24, LVBBC<sup>+</sup>18].

**HAMPI** [KGA<sup>+</sup>12]. **handle** [LYYC14]. **handlers** [CMP13]. **Handling** [AG20, MHG24, ZE14]. **Hard** [LSBN24, CAC08]. **Harmful** [CL23b]. **Harmonising** [ZLS24b]. **Hazard** [FPBS23]. **Hazard-triggering** [FPBS23]. **HCSF** [YJW<sup>+</sup>20]. **healing** [CMP13]. **Health** [LM24]. **Heap** [LKR22]. **Help** [AH24, FSM<sup>+</sup>15, GRS<sup>+</sup>24]. **Helpfulness** [KCMS24]. **HeMiRCA** [ZLTH24]. **Heterogeneous** [CLMPS<sup>+</sup>24, SXX<sup>+</sup>24, WSG<sup>+</sup>23, ZXZ<sup>+</sup>24, ZLTH24, MU00]. **Heuristic** [CM23, ZHO<sup>+</sup>18, ZZX<sup>+</sup>21]. **Heuristics** [AZG24, ZBA23]. **Hidden** [SCL<sup>+</sup>23]. **Hierarchical** [CGZ23, HZB<sup>+</sup>24, JEB<sup>+</sup>23, YWC16, BO92, SLD<sup>+</sup>13, WJ10]. **hierarchies** [CCX11]. **hierarchy** [BM13, DFB99a, DFB99b, LY05]. **hierarchy-aware** [DFB99a, DFB99b]. **High** [YND<sup>+</sup>24, CF03]. **high-quality** [CF03]. **Higher** [GXSC21, LWF03, XTW<sup>+</sup>23]. **Higher-Order** [GXSC21, LWF03, XTW<sup>+</sup>23]. **Highly** [AMS<sup>+</sup>18]. **HINNPerf** [CGZ23]. **Hippodrome** [CTC<sup>+</sup>23]. **History** [ARG17, OPK<sup>+</sup>21, FM94]. **History-based** [OPK<sup>+</sup>21]. **history-checking** [FM94]. **Hoc** [CDKP21]. **Holistic** [FDC<sup>+</sup>21]. **Home** [FSZ<sup>+</sup>22, MKR<sup>+</sup>23]. **Horus** [LSX<sup>+</sup>24].

**Host** [LSX<sup>+</sup>24]. **hosts** [MPR06]. **HOTTest** [SS06]. **Human** [HGGM23, HCW<sup>+</sup>22, NKL<sup>+</sup>24, PCGGRC<sup>+</sup>24, SPAS21, YXK<sup>+</sup>17, CDFG96]. **human-centered** [CDFG96]. **Human-Centric** [PCGGRC<sup>+</sup>24]. **Humans** [KFY24]. **Hybrid** [GXSC21, GSH97, JEB<sup>+</sup>23, ZMM<sup>+</sup>16, CRST12, CSX08]. **HybridCISave** [JS23]. **Hybridized** [BBS16]. **Hyper** [ZHO<sup>+</sup>18]. **Hyper-Heuristic** [ZHO<sup>+</sup>18]. **Hypermutation** [ZA22]. **Hyperparameter** [LLSM22]. **hypotheses** [Hie02, Hie09]. **Hypothesis** [WSG<sup>+</sup>23].

**iBiR** [KKP<sup>+</sup>23]. **ICDS** [PCGGRC<sup>+</sup>24]. **ICSE** [MP14, Pez24a]. **IDE** [PCGGRC<sup>+</sup>24, XVN22]. **IDEA** [GCKB<sup>+</sup>24]. **Identification** [BAJA23, DZV<sup>+</sup>23, GHM18, GLL<sup>+</sup>23, PKMY24, STDB23, SYL<sup>+</sup>23, WRD<sup>+</sup>22, WC23, ZCZ<sup>+</sup>23, ZSW<sup>+</sup>22]. **Identifier** [SRTR17, ZLL<sup>+</sup>23]. **Identify** [HNRA20]. **Identifying** [CDKP21, GLL<sup>+</sup>21, MVM07, NA24]. **Identity** [GCKB<sup>+</sup>24, ZQS<sup>+</sup>23]. **Identity-Aware** [GCKB<sup>+</sup>24]. **IFDS** [HLX23a]. **IFDS-based** [HLX23a]. **III** [MKS<sup>+</sup>15]. **Image** [AFPB24, CCX<sup>+</sup>20, TZW<sup>+</sup>23, WXF<sup>+</sup>24, YFL<sup>+</sup>24]. **Image-processing** [AFPB24]. **Images** [RSBO23]. **Imbalanced** [NLT<sup>+</sup>24]. **Impact** [AHGZ23, CST16, ELvdH<sup>+</sup>05, FAP22, FTF24, LZCC24, LLSM22, LLS<sup>+</sup>21, MZW<sup>+</sup>23, PTAB24, PVHW17, Tiw08, ZLW<sup>+</sup>21, EAS08, MA14, RSB05, SGG<sup>+</sup>14]. **Impact-Driven** [PVHW17]. **Impacts** [TDT<sup>+</sup>22]. **Implementation** [KDM17, Liu22, ZCT18, ZMC<sup>+</sup>24, BO92, BPT10, LH08, SB02, WWL<sup>+</sup>23]. **Implementations** [GZSW19, NWZ<sup>+</sup>23, TTL<sup>+</sup>21, TCDZ19]. **implementing** [CDP04]. **Implicit** [HLX<sup>+</sup>24, SPAK10]. **implied** [UKM04]. **Important** [LXL<sup>+</sup>22, YZY<sup>+</sup>24]. **Improve**



[ABC<sup>+</sup>22, CCH<sup>+</sup>21, PCGGRC<sup>+</sup>24, VHN<sup>+</sup>F22]. **Improved** [CST16, YCG<sup>+</sup>24]. **Improvement** [CXH<sup>+</sup>21, GWH<sup>+</sup>24, WWAC23, SR05]. **Improving** [ASNB19, BGO<sup>+</sup>14, Cai20, DTC<sup>+</sup>24, GRS<sup>+</sup>24, JYZ<sup>+</sup>24, PWB23, WYMW20, WYM<sup>+</sup>24, YHL<sup>+</sup>22, ZH24, DPT13, GJ08, LH02]. **In-Depth** [XCS<sup>+</sup>22, SBBL23, ZXLC14]. **In-IDE** [XVN22]. **In-Process** [WYW<sup>+</sup>22]. **Inclusive** [SMY<sup>+</sup>24]. **Incoming** [Pez19d]. **Incompatibility** [XGF<sup>+</sup>23]. **Incompatible** [LZF<sup>+</sup>24]. **Inconsistencies** [WBRH23, CDFG96, GZ05]. **inconsistent** [HN98]. **Incorporating** [SZZ<sup>+</sup>23, YDX<sup>+</sup>24]. **Incredible** [Pez24a]. **Incremental** [DPB17, UKM04, YPRK14, KK93, KF07]. **incrementally** [KKLS02]. **Independent** [WHP<sup>+</sup>23, YFL<sup>+</sup>24]. **Index** [Ano96, TPT13]. **index-sensitive** [TPT13]. **Indexing** [SZX<sup>+</sup>24]. **Indicators** [AAP<sup>+</sup>20]. **Induced** [ZHS<sup>+</sup>23]. **Inducing** [JJW<sup>+</sup>24, OSB24]. **Inductive** [ASJDW21, BG96]. **Industrial** [HAY<sup>+</sup>23, OKS<sup>+</sup>16, ZAL<sup>+</sup>23, CMCP<sup>+</sup>99, FLM<sup>+</sup>98, SR05]. **Industrially** [VHN<sup>+</sup>F22]. **Industry** [MS22, SER24]. **Industry-Academia** [MS22]. **Inference** [CSFB24, GCC<sup>+</sup>24b, HYX<sup>+</sup>24, HSX<sup>+</sup>24a, NBB15, SMY19]. **Inferred** [LZL<sup>+</sup>23]. **Inferring** [EM18, MG00, RO18]. **Inflow** [ZMM<sup>+</sup>16]. **Influence** [HGFM23, RSBO23, Sin10]. **Influential** [ZLS<sup>+</sup>23]. **Information** [CXH23, DPC<sup>+</sup>24, FSP<sup>+</sup>13, RFR23, SZZ<sup>+</sup>24, SXX<sup>+</sup>24, WCB<sup>+</sup>20, ZLP<sup>+</sup>24, DFOT07, FBC<sup>+</sup>13, GSH97, MP09, PGM12, TZZ09, THHB06, Wey96, YHC13]. **information-theoretic** [YHC13]. **Informed** [HKA24, YHG<sup>+</sup>24]. **infrastructures** [BDL06]. **inheritance** [KKLS02]. **inheritance-based** [KKLS02]. **Injection** [KKP<sup>+</sup>23]. **Inline** [HGD<sup>+</sup>23]. **Inlining** [JFJ<sup>+</sup>23]. **inner** [SAB<sup>+</sup>14]. **Innovations** [SRN<sup>+</sup>24]. **Input** [DLP<sup>+</sup>24, DDS23, EMM24, KFY24, LDM<sup>+</sup>24]. **Inputs** [TKA24]. **Insight** [SLWZ24]. **inspections** [BFN<sup>+</sup>14, PSMV98]. **Inspired** [FNT<sup>+</sup>24]. **installability** [VD13]. **Instances** [SGR<sup>+</sup>15]. **instruction** [AM04]. **Instrumental** [GVW24]. **IntDroid** [ZWY<sup>+</sup>21]. **Integer** [DLRA15, XL20]. **Integrated** [HWD<sup>+</sup>24, YB20, CTCC98, ELN<sup>+</sup>92, PWD<sup>+</sup>99, SCK13]. **Integrating** [BFFG19, FRB<sup>+</sup>06, SBS<sup>+</sup>23, GSH97]. **Integration** [HMW23, JS23, LZ24, ZTP<sup>+</sup>23, BCTW96, BHR95, SN92, YHR92]. **Integrity** [MWK15]. **Intellectual** [CSV13]. **Intelligence** [LLX<sup>+</sup>24, MHG24]. **Intelligent** [PLM15]. **Intended** [GZW<sup>+</sup>23]. **Intensive** [NWB<sup>+</sup>18]. **Intent** [YXM<sup>+</sup>23]. **Inter** [SEM17]. **Inter-** [SEM17]. **Interacting** [GRT09, SYA21]. **Interaction** [AB12, CGZ23, DDS23, MU00]. **Interaction-Based** [AB12]. **Interactions** [ASMP16, GGFM24, PWX14]. **interchangeability** [DPT13]. **Interface** [PSZ21, CL94]. **Interfaces** [GRS<sup>+</sup>24, IC14, BRRP05, BTI14]. **Interleaving** [SDG<sup>+</sup>24]. **international** [NP08, MP14]. **Internet** [YBZK21]. **Interpretable** [YFD<sup>+</sup>23, ZSWS23]. **Interpretation** [LRL<sup>+</sup>22, WCG<sup>+</sup>21, CSC06]. **Interpreter** [XFS<sup>+</sup>24]. **interpreters** [BP05]. **Interpreting** [ZZX<sup>+</sup>21]. **Interprocedural** [OO92, SHR01, For94]. **Interval** [SMY19, CDSM10, DKM<sup>+</sup>94]. **interval-based** [CDSM10]. **Interventions** [RPT<sup>+</sup>22]. **Interview** [ZTP<sup>+</sup>23]. **Interview-Based** [ZTP<sup>+</sup>23]. **Interviews** [FHS<sup>+</sup>24]. **Intimacy** [ZWY<sup>+</sup>21]. **Intra** [SEM17]. **Intra-Component** [SEM17]. **Intrinsic** [CGPP15]. **Introduced** [RCAH23]. **Introduction** [GLFW22, HP15, MP14, NP08]. **Invariant** [NKWF14]. **Invariants** [NKWF14]. **Investigating** [BXX<sup>+</sup>24, MLZ<sup>+</sup>24,



HBB<sup>+</sup>09, CXLG22, JFJ<sup>+</sup>23]. **Investigation** [CL23a, LRCS14, WWZ<sup>+</sup>22, MC08]. **Investigations** [Off92]. **invocation** [SPAK10]. **Involvement** [ZMM<sup>+</sup>16]. **iOS** [HHC<sup>+</sup>24]. **IoT** [SMBK22]. **IP** [MR99]. **iSENSE2.0** [WYMW20]. **Isolation** [JZL<sup>+</sup>19b]. **ISSTA** [NP08, HP15]. **Issue** [AHGZ23, HP15, MP14, PWB23, SST24]. **Issues** [AH24, BXX<sup>+</sup>24, LCL<sup>+</sup>23, LLCW<sup>+</sup>24, Pez23, Pez24c]. **items** [Gun00]. **iterative** [For94].

**J** [TS09]. **J-Orchestra** [TS09]. **Java** [BS07, BLS<sup>+</sup>23, Cor00, HRD08, KM10, LTX19, LMC24, MRR05, MAL24, PBC24, RD15, SBBL23, SRTR17, SGHM23, SVDHB23, TS09, WHP<sup>+</sup>23, XR13]. **JavaScript** [ASMP16, NXL<sup>+</sup>22, ZBA23]. **Johan** [Ano02]. **Join** [BTI14]. **Joint** [HSX<sup>+</sup>24b]. **Journal** [DR15]. **Journal-First** [DR15]. **Journey** [Pez24b, ZYL<sup>+</sup>18]. **JUnit** [WC23]. **Jupyter** [LASA24]. **Just** [GLH<sup>+</sup>24, ISI<sup>+</sup>24, JHC<sup>+</sup>24, NXL<sup>+</sup>22, YFI<sup>+</sup>24]. **Just-Discovered** [ISI<sup>+</sup>24]. **Just-In-Time** [GLH<sup>+</sup>24, NXL<sup>+</sup>22, YFI<sup>+</sup>24, JHC<sup>+</sup>24].

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

**L2S** [XW22]. **Label** [VCF21, ML00]. **Labeled** [GLH<sup>+</sup>24]. **Labeling** [HGX<sup>+</sup>24b, YXZ<sup>+</sup>23]. **Labeling-free** [HGX<sup>+</sup>24b]. **LaF** [HGX<sup>+</sup>24b]. **Landscape** [LM24]. **Landscapes** [TZZ<sup>+</sup>23]. **Language** [AROK21, CSFB24, DLT<sup>+</sup>23, FHCY24, HZL<sup>+</sup>24, HSX<sup>+</sup>24b, HYX<sup>+</sup>24, HSX<sup>+</sup>24a, JDW<sup>+</sup>24, KJHY22, LMY<sup>+</sup>24, LLZ<sup>+</sup>22, LTLL24, WB13, WJZ<sup>+</sup>23, XVN22, BGdV92, CL94, CFM00, GZ05, JPL98, RLM<sup>+</sup>24, 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, FHCY24, FA14, HZL<sup>+</sup>24, HSX<sup>+</sup>24a, JDW<sup>+</sup>24, KCAS23, KCMS24, LJL<sup>+</sup>20, LLZ<sup>+</sup>22, MNB<sup>+</sup>22, MAL24, RFDS24, Rus21, SST24, WT24a, WT24b, YZP<sup>+</sup>22, MC08, PSV01]. **Large-Scale** [BNB14, FA14, LLZ<sup>+</sup>22, MAL24, RFDS24, SST24, WT24a, WT24b, MNB<sup>+</sup>22, Rus21, YZP<sup>+</sup>22, PSV01]. **Latency** [LWC<sup>+</sup>23]. **latent** [BGO<sup>+</sup>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<sup>+</sup>20]. **Learn** [KMYK19]. **Learn-to-Rank** [KMYK19]. **Learned** [BPD<sup>+</sup>24, NPB24, RCAH23, TLL<sup>+</sup>23]. **Learning** [ASNB19, BS16, BLBB23, BLBB24, BT22, BT24, CSB<sup>+</sup>24, CYA22, CZSH23, CWM<sup>+</sup>23, CLS<sup>+</sup>23, CZW<sup>+</sup>24, DKD21, DLSC23, FCLL21, GHXZ24, GYY<sup>+</sup>24, GCC<sup>+</sup>24a, HGW<sup>+</sup>16, HZX<sup>+</sup>24, HGC<sup>+</sup>22, HZB<sup>+</sup>24, HCJ<sup>+</sup>24, HKA24, HDKM23, JYZ<sup>+</sup>24, KKP<sup>+</sup>22, KFY23, LLLM23, LCT<sup>+</sup>23, LLL<sup>+</sup>23, LYZ<sup>+</sup>24, LGX<sup>+</sup>22, LGC<sup>+</sup>23, LHW<sup>+</sup>24, LM24, LLJH24, MPT<sup>+</sup>21, MZW<sup>+</sup>23, MS15, NBMK22, OFS24, OSB24, RWS<sup>+</sup>24, RFR23, RMCT22, SWW<sup>+</sup>24, SNM23, TKA24, TZW<sup>+</sup>24, TWB<sup>+</sup>19,



WLX<sup>+</sup>24, WLS<sup>+</sup>20, WYC<sup>+</sup>24, WYM<sup>+</sup>24, WCP<sup>+</sup>22, WWAC23, XLD<sup>+</sup>24, XAY23, YDX<sup>+</sup>24, YHL<sup>+</sup>22, YFL<sup>+</sup>24, ZXZ<sup>+</sup>24, ZFM<sup>+</sup>24, ZLW<sup>+</sup>21, ZHC24, ZLP<sup>+</sup>24, ZRGT23, ZZX<sup>+</sup>21, BG96, MY13]. **Learning-Based** [CZW<sup>+</sup>24, BLBB24, BT22, YDX<sup>+</sup>24, ZFM<sup>+</sup>24, ZZX<sup>+</sup>21]. **legacy** [THHB06]. **Lens** [RSC<sup>+</sup>24]. **Less** [PBU16]. **Lessons** [BPD<sup>+</sup>24, RCAH23]. **Let** [HSX<sup>+</sup>24a]. **Level** [BNB14, DG18, LFL<sup>+</sup>24, QWG<sup>+</sup>23, AM04, CCRZ23, CTCC98, CUHH24, GLL<sup>+</sup>23, KSD08, LWC<sup>+</sup>23, LYL<sup>+</sup>24, MMST14, Sin10, SXX<sup>+</sup>24]. **levels** [CTC01]. **Leveraging** [AHGZ23, CH21, HCJ<sup>+</sup>24, LLT<sup>+</sup>24, VCF21, WYM<sup>+</sup>24]. **lexical** [MN96]. **LibAM** [LWD<sup>+</sup>24]. **Libraries** [LWD<sup>+</sup>24, LHW<sup>+</sup>24, ZW95]. **Library** [DKD21, LCT<sup>+</sup>23, OHDB92]. **License** [WBRH23, XGF<sup>+</sup>23]. **LiDetector** [XGF<sup>+</sup>23]. **Life** [VCF21, SS02]. **Lightweight** [GHM18, MN96, Jac02]. **LIME** [MPR06]. **Line** [CTA<sup>+</sup>21, DL11, LFL<sup>+</sup>24, ZCT18, GLL<sup>+</sup>23]. **Line-Level** [LFL<sup>+</sup>24]. **Linear** [SP18, ZAW92]. **Lines** [HLL<sup>+</sup>20, HAB<sup>+</sup>20, XZZL18, XHL<sup>+</sup>24, BJMH02, KATS12, MPG<sup>+</sup>13]. **Linguistic** [LCM<sup>+</sup>24]. **Link** [HWD<sup>+</sup>24]. **Link-Integrated** [HWD<sup>+</sup>24]. **Linking** [KS20, SZH<sup>+</sup>19, FC00]. **Links** [PWB23, DFOT07]. **Linux** [JJW<sup>+</sup>24]. **Literature** [BUB23, CCS24, HZL<sup>+</sup>24, LCS<sup>+</sup>22, SBMK21, TWS<sup>+</sup>22, WCP<sup>+</sup>22]. **Little** [LM24]. **Live** [SZZ<sup>+</sup>24, TLJZ24]. **liveness** [DBPU13, SGE00]. **LLM** [CCH<sup>+</sup>24]. **LLM-Empowered** [CCH<sup>+</sup>24]. **LLMEffiChecker** [FHCY24]. **LLMs** [HLX<sup>+</sup>24]. **Local** [ABB<sup>+</sup>18, TC20, ZLS<sup>+</sup>23, ZWGX22]. **Localisation** [YXK<sup>+</sup>17]. **Localization** [AFHC22, CZW<sup>+</sup>24, HMW23, JWC<sup>+</sup>24, KMYK19, NAF<sup>+</sup>23, TSPRC18, WYM<sup>+</sup>24, ZLS<sup>+</sup>23, MA14, XCKX13, YHC13]. **locating** [TD01]. **Location** [RWEB19, PGM12, ZZL<sup>+</sup>06]. **Lockdowns** [MKR<sup>+</sup>23]. **Locking** [CCVLW23]. **Log** [CCW<sup>+</sup>23, YCG<sup>+</sup>24]. **Log-based** [YCG<sup>+</sup>24]. **LoGenText** [DTC<sup>+</sup>24]. **LoGenText-Plus** [DTC<sup>+</sup>24]. **Logging** [DTC<sup>+</sup>24]. **Logic** [BMM<sup>+</sup>17, XLW<sup>+</sup>22, DKM<sup>+</sup>94, PMS13, TPT13, ZS97]. **Logic-Based** [BMM<sup>+</sup>17]. **logical** [FGL<sup>+</sup>12, MS94]. **Logics** [DDMM22, DJ97]. **Longitudinal** [JEB<sup>+</sup>23, RHV24, RHvB24]. **Look** [HHC<sup>+</sup>24, MCKG24, ZWZ<sup>+</sup>24]. **looking** [Not13, Ros13a]. **loop** [BHL11]. **loop-assigned** [BHL11]. **Loops** [FYW24, MSM<sup>+</sup>24, RD15]. **Lop** [FMMB23b, FMMB23a]. **Lost** [YHXY24]. **Lower** [PTAB24]. **LSCs** [MHK11]. **LTL** [BLS11]. **Lunch** [RCAH23]. **Machine** [BLBB23, CLL<sup>+</sup>22, CZSH23, DKD21, DTC<sup>+</sup>24, GYY<sup>+</sup>24, HDKM23, LLLM23, OFS24, RFR23, SWW<sup>+</sup>24, SCZH24, TWB<sup>+</sup>19, WLX<sup>+</sup>24, XJCC24, ZZF<sup>+</sup>24, ZLW<sup>+</sup>21]. **Machine-Learning-Based** [ZLW<sup>+</sup>21]. **Machines** [KFY24, PSZ21, WJ10]. **macro** [Sin10]. **macro-level** [Sin10]. **Made** [WWJ<sup>+</sup>24]. **Mae** [RVMRM04]. **Maintainability** [KDM17, KDM23]. **Maintaining** [WWAC23, ZCT18]. **Maintenance** [PLMC23]. **majority** [MM13]. **Make** [BKHT21, CMM<sup>+</sup>15, SGR<sup>+</sup>23]. **Makes** [WGB<sup>+</sup>24]. **Making** [FBK24, SGR<sup>+</sup>23, KDM23]. **Malware** [Cai20, GHM18, LYZ<sup>+</sup>24, WCG<sup>+</sup>21, ZLW<sup>+</sup>21, ZWY<sup>+</sup>21]. **Managed** [NWB<sup>+</sup>18]. **Management** [GKKH24, MGP<sup>+</sup>22, WYMW20, ZQS<sup>+</sup>23, DFOT07, ELvdH<sup>+</sup>05, Jéz99]. **Manager** [DGGJ24]. **Managers** [SGR<sup>+</sup>23]. **Managing** [HN98, RVMRM04]. **Manifesting** [VCP<sup>+</sup>23]. **Manifests** [RSBP23]. **Manipulation** [MS14, TTL<sup>+</sup>21, BG98]. **Manual** [BFFG19].



**Manually** [FFM24]. **Many** [HLL<sup>+</sup>16, HLL<sup>+</sup>20, MKS<sup>+</sup>15, XZZL18]. **Many-Objective** [HLL<sup>+</sup>16, HLL<sup>+</sup>20, MKS<sup>+</sup>15, XZZL18]. **MAPF** [ZLA<sup>+</sup>24]. **Mapping** [HSC<sup>+</sup>24, HDG<sup>+</sup>24, HCJ<sup>+</sup>24, KRM24, PTTB24]. **Margin** [NLT<sup>+</sup>24]. **Markov** [HGW<sup>+</sup>16, WP93]. **Marple** [LS13]. **marts** [BCC<sup>+</sup>01]. **Masked** [GZSW19, GXSC21]. **Masking** [GSC24]. **Mastering** [SPAS21]. **Matching** [ABC<sup>+</sup>22, LKRF22, LWD<sup>+</sup>24, WAH23, ZW95, ZW97]. **Matching-based** [ABC<sup>+</sup>22]. **Math** [SPK14]. **math.h** [BCGB21]. **math.h** [?]Bagnara:2021:PAV. **mathematical** [Sne96]. **Matter** [CL23a]. **Maturity** [VHNF22]. **Max** [NLT<sup>+</sup>24]. **Max-Margin** [NLT<sup>+</sup>24]. **May** [DPC<sup>+</sup>24]. **MC** [GRS<sup>+</sup>16]. **MC/DC** [GRS<sup>+</sup>16]. **MDD** [MGP<sup>+</sup>13]. **MDE** [AB23]. **MDESL** [SZH<sup>+</sup>19]. **Me** [VCP<sup>+</sup>23]. **Means** [KKP<sup>+</sup>22, BG96]. **Measure** [SHLW21]. **Measurement** [PGZ<sup>+</sup>20, RWS<sup>+</sup>24, XSA<sup>+</sup>24, GD08, MGP<sup>+</sup>13]. **Measures** [MCB<sup>+</sup>23, PSW<sup>+</sup>20]. **Measuring** [BSA22, CLMPS<sup>+</sup>24, DDS23, MP09, ZSHD20, CW99]. **mechanism** [MU00, WAF00]. **Meets** [LYB<sup>+</sup>24]. **mémoire** [PWB23]. **memoriam** [Ros13b]. **Memory** [AEK<sup>+</sup>16, CSB<sup>+</sup>24, CYM<sup>+</sup>24, CCXZ23, JPS22, LSX<sup>+</sup>24, NWB<sup>+</sup>18, PWB23, SZX<sup>+</sup>24, WWY<sup>+</sup>23, XCS<sup>+</sup>22, XR13]. **Memory-related** [CSB<sup>+</sup>24]. **Memory-Safety** [XCS<sup>+</sup>22]. **Merge** [SGHM23]. **Merged** [COM24]. **Merging** [FDB<sup>+</sup>12, RKBL19, LDUD13]. **Message** [RGS12, TG24, TZW<sup>+</sup>24, WXL<sup>+</sup>21, CR94]. **MET-MAPF** [ZLA<sup>+</sup>24]. **Meta** [LYZ<sup>+</sup>24, ZHO<sup>+</sup>18, Kli93, HZS08]. **Meta-** [ZHO<sup>+</sup>18]. **meta-AspectJ** [HZS08]. **meta-environment** [Kli93]. **Meta-Learning** [LYZ<sup>+</sup>24]. **Metaconstraints** [DDMM22]. **metalocking** [BS07]. **Metamodel** [LKRF22, PBO07]. **Metamodel-based** [PBO07]. **Metamodels** [AB23]. **Metamorphic** [SDLC23, SDG<sup>+</sup>24, XJCC24, XTZ<sup>+</sup>24, ZLA<sup>+</sup>24]. **Method** [AB12, CUHH24, CF10, HGD<sup>+</sup>23, JLCZ24, OL22, WWL<sup>+</sup>23, YZY<sup>+</sup>24, BRRP05, MG00, MM13]. **Method-level** [CUHH24]. **Method-Method** [AB12]. **Methodological** [GLFW22]. **Methodology** [LBZ14, CTC01, DCS09, FGL<sup>+</sup>12, FRB<sup>+</sup>06, HGS93, KSD08, MPR<sup>+</sup>13, MGMM11, RBL<sup>+</sup>01, SCK13, ZJW03]. **Methods** [CZSH23, GGHM24, KRM24, KCAS23, SXX<sup>+</sup>24, VBZ<sup>+</sup>18, ZCL<sup>+</sup>24, CMCP<sup>+</sup>99, DFOT07, DBDS94, Rus21]. **Metric** [AB12, VHNF22, GCC<sup>+</sup>24a, PMS13]. **Metrics** [KS20, KS22, ZQS<sup>+</sup>23, CSC06, KK04, MSW12, MB07]. **MICOSE4aPS** [VHNF22]. **Microservice** [ZQS<sup>+</sup>23]. **Microservices** [CCRZ23, ZLTH24]. **middleware** [EAS08, MPR06, VTA04]. **Migration** [CSW21, SPK14]. **Million** [LYB<sup>+</sup>24]. **millions** [MPG<sup>+</sup>13]. **Mined** [GXG<sup>+</sup>20]. **Minimal** [NL11]. **Minimization** [XL20]. **Mining** [BBS16, DNRN15, KL21, LCS<sup>+</sup>22, PZS<sup>+</sup>20, SPK14, SBS<sup>+</sup>23, ZZL<sup>+</sup>24, ZLS24b]. **Mining-based** [PZS<sup>+</sup>20]. **Misconfigurations** [RSBP23]. **Missing** [GCX<sup>+</sup>22, SWW<sup>+</sup>24, ZWL<sup>+</sup>22, MM13]. **Mission** [GBA<sup>+</sup>24]. **Mitigating** [LLCW<sup>+</sup>24, PBC24]. **Mitigation** [CZSH23, RNTN<sup>+</sup>24, MA14]. **Mixed** [GGHM24, KCAS23, Rus21]. **Mixed-Methods** [KCAS23, Rus21]. **Mixin** [SB02]. **Mobile** [ETM22, JZL<sup>+</sup>19a, JHC<sup>+</sup>24, LCL<sup>+</sup>23, RMP97, ZE14, CFM00, FGMP03, FC00, MZ09, MR99, PRM01]. **Mobility** [JZL<sup>+</sup>19b, MPR06, PRM01]. **Mock** [ZWT<sup>+</sup>24]. **Mockups** [RST<sup>+</sup>14]. **modal** [WSG<sup>+</sup>23]. **Mode** [MCKG24]. **Model** [ALMS22, AFHC22, ASNB19, BS16, BDL06, BS07, BHB16, CCS24, CXH<sup>+</sup>21, CSFB24, DG17, DPRO23, EBE<sup>+</sup>14, GRS<sup>+</sup>16,



GZW<sup>+</sup>23, GTD21, HGX<sup>+</sup>24b, HSX<sup>+</sup>24b, HYX<sup>+</sup>24, HSX<sup>+</sup>24a, JYZ<sup>+</sup>24, LKRF22, DGD<sup>+</sup>19, LCT<sup>+</sup>23, LLSM22, LGC<sup>+</sup>23, DDGR18, LLJH24, MMST14, NBB15, OPK<sup>+</sup>21, PCGGRC<sup>+</sup>24, PVHW17, LDUD13, Rus21, SRH<sup>+</sup>24, TSPRC18, WWAC23, WI23, WOM15, YZY<sup>+</sup>24, BKM07, BGL00, CS12, Cal95, CDEG03, CW99, Dil93, Esh06, FGMP03, HAB13, JGB12, KF07, LL00, MS03, MN96, MPR06, ML00, NLR11, PBO07, RLM<sup>+</sup>24, RVMRM04, SMAC08, SS06, SGE00, TZZ09, VTA04, XM08]. **Model-Based** [AFHC22, HSX<sup>+</sup>24a, CCS24, MMST14, WI23, HAB13, MS03, RLM<sup>+</sup>24, SS06, TZZ09]. **model-checking** [BGL00, CDEG03, FGMP03, KF07]. **Model-Driven** [DG17, PCGGRC<sup>+</sup>24, GTD21]. **Modeling** [BRG<sup>+</sup>01, BSA22, FMMH<sup>+</sup>14, JZL<sup>+</sup>19b, MFL12, MR99, MRRR02, SLD<sup>+</sup>13, SZZ<sup>+</sup>23, BCFM06, BAD08, CDP04, DCS09, DHW98, PWD<sup>+</sup>99, SB06]. **Modelling** [BZSW14, Bjø19, CFP<sup>+</sup>24, DGC14, DGK21, Jac02]. **Models** [BMM<sup>+</sup>17, BT24, BMC<sup>+</sup>23, CYA22, DG18, DPC<sup>+</sup>24, EM18, FCG<sup>+</sup>24, FHCY24, FDB<sup>+</sup>12, GZW<sup>+</sup>23, GVW24, HLL<sup>+</sup>16, HZL<sup>+</sup>24, HHC<sup>+</sup>24, JPS22, JYZ<sup>+</sup>24, JDW<sup>+</sup>24, JCNS24, DGD<sup>+</sup>19, LCM<sup>+</sup>24, LLL<sup>+</sup>23, LLT<sup>+</sup>24, LTLL24, LRL<sup>+</sup>22, MLZ<sup>+</sup>24, NPB24, OSB24, QSZG24, RGCS14, TC20, TZW<sup>+</sup>23, WB13, YJW<sup>+</sup>20, YXL<sup>+</sup>22, YBL15, ZFL<sup>+</sup>22, LLZ<sup>+</sup>24, BDL06, CMCP<sup>+</sup>99, CW98, Cor00, JPL98, MGP<sup>+</sup>13, MG00, MPF14, ODV<sup>+</sup>09, PTY95, SGG<sup>+</sup>14, SCK13, UKM04, YBL13]. **Models-Detection** [ZFL<sup>+</sup>22]. **Modern** [BUB23, COM24, RSB05]. **modifiability** [SGG<sup>+</sup>14]. **Modular** [SGR<sup>+</sup>10, WLS<sup>+</sup>20, DvdHT05, FC00]. **modularity** [CS12, HE13, SPAK10]. **Modularization** [QSZG24, BGO<sup>+</sup>14]. **Molecular** [EKL<sup>+</sup>19]. **monadic** [TPT13]. **Monitoring** [CYM<sup>+</sup>24, DDMM22, DDE11, EHF20, FBK24, PFG<sup>+</sup>24, RBPG23]. **Monkey** [HWD<sup>+</sup>24]. **Monotone** [PSW<sup>+</sup>20]. **Most** [XW22]. **motivations** [HBB<sup>+</sup>09]. **Mozilla** [MFH02]. **MPI** [GSYT21]. **MR** [XTZ<sup>+</sup>24]. **MR-Scout** [XTZ<sup>+</sup>24]. **MTL** [WYM<sup>+</sup>24]. **MTL-TRANSFER** [WYM<sup>+</sup>24]. **Much** [DPC<sup>+</sup>24]. **Multi** [AROK21, AADB24, BS16, BKD<sup>+</sup>23, CCRZ23, CDEG03, CLBY18, CL23b, COM24, DG18, GCC<sup>+</sup>24a, LYZ<sup>+</sup>24, LVBBC<sup>+</sup>18, LZ24, OKS<sup>+</sup>16, SYA21, WYM<sup>+</sup>24, XL20, ZHO<sup>+</sup>18, ZLS<sup>+</sup>24a, ZLA<sup>+</sup>24]. **Multi-Agent** [ZLA<sup>+</sup>24]. **Multi-Criteria** [OKS<sup>+</sup>16, XL20]. **Multi-Family** [LYZ<sup>+</sup>24]. **Multi-Language** [AROK21]. **Multi-Level** [DG18, CCRZ23]. **Multi-metric** [GCC<sup>+</sup>24a]. **Multi-Objective** [AADB24, CLBY18, COM24, LVBBC<sup>+</sup>18, ZHO<sup>+</sup>18, BKD<sup>+</sup>23, CL23b, SYA21, XL20, ZLS<sup>+</sup>24a]. **Multi-Step** [BS16]. **Multi-Subroutine** [LZ24]. **Multi-task** [WYM<sup>+</sup>24]. **Multi-valued** [CDEG03]. **Multiaгент** [DL11, EMM24, ZJW03]. **MULTICR** [COM24]. **Multidimensional** [GL11]. **Multilevel** [DGC14]. **Multilingual** [LMY<sup>+</sup>24]. **Multimodal** [MHK11]. **multinational** [Tiw08]. **multiobjective** [MY13]. **Multiple** [GBA<sup>+</sup>24, ZHC24]. **Multiple-phase** [ZHC24]. **Multitolerant** [EK11]. **multiuser** [KK93]. **multiview** [PBO07]. **Mutant** [ZWL<sup>+</sup>22, OLR<sup>+</sup>96]. **Mutants** [CPCT21, OSD<sup>+</sup>23]. **Mutation** [DLP<sup>+</sup>24, KJHY22, OSD<sup>+</sup>23]. **Mutation-based** [DLP<sup>+</sup>24]. **My** [CCH<sup>+</sup>21, CXH<sup>+</sup>21, PORH23]. **Name** [WWL<sup>+</sup>23]. **Names** [JLCZ24, SRTR17, YZY<sup>+</sup>24]. **Natural** [KJHY22, WJZ<sup>+</sup>23, XVN22, GZ05]. **Navigating** [Rus24a, Rus24b]. **Near** [OBH24]. **Near-optimal** [OBH24]. **need** [LYYC14]. **Needed** [DPC<sup>+</sup>24]. **Needs** [CXH23]. **nesting** [MBH09]. **Nets** [RFDS24]. **Network**



[CWW<sup>+</sup>20, CWH<sup>+</sup>21, CGZ23, DDS23, HQM<sup>+</sup>23, HGX<sup>+</sup>24b, QSZG24, QHM<sup>+</sup>23, RXX<sup>+</sup>19, WLS<sup>+</sup>20, YFD<sup>+</sup>23].

**Network-based** [RXX<sup>+</sup>19]. **Networked** [LZS<sup>+</sup>24]. **Networks**

[AADB24, BK23, DLP<sup>+</sup>24, DLSC23, LD24, LXW<sup>+</sup>24, LLSM22, LXS<sup>+</sup>24, OSB24, PLM15, QWG<sup>+</sup>23, SKY23, WT24a, WT24b, XLW<sup>+</sup>22, ZYC<sup>+</sup>23, ZSWS23, ZHY24, ZXS<sup>+</sup>24, Sin10]. **Neural** [AADB24, BK23, CWW<sup>+</sup>20, CWH<sup>+</sup>21, CGZ23, DLP<sup>+</sup>24, DTC<sup>+</sup>24, DDS23, DLY<sup>+</sup>23, HGX<sup>+</sup>24b, LD24, LXW<sup>+</sup>24, LLSM22, LXS<sup>+</sup>24, QWG<sup>+</sup>23, QSZG24, RXX<sup>+</sup>19, SWW<sup>+</sup>24, SKY23, TWB<sup>+</sup>19, WT24a, WT24b, XLW<sup>+</sup>22, YFD<sup>+</sup>23, ZYZ<sup>+</sup>24, YLWW24, ZYL<sup>+</sup>23, ZYC<sup>+</sup>23, ZSWS23, ZXS<sup>+</sup>24]. **Neuron** [HBF<sup>+</sup>24, LXW<sup>+</sup>24, XLW<sup>+</sup>22].

**next** [HKMB<sup>+</sup>14]. **NLP**

[AAD<sup>+</sup>24, LCM<sup>+</sup>24]. **no** [GHC<sup>+</sup>24].

**NN-based** [GHC<sup>+</sup>24]. **no** [RCAH23]. **Node**

[LJL<sup>+</sup>20]. **Node.js** [ACSA23]. **NodeJS**

[ZBA23]. **Non** [GGZ<sup>+</sup>15, HT17, LFL<sup>+</sup>24, MWP<sup>+</sup>21, XFS<sup>+</sup>24]. **Non-Adequate**

[GGZ<sup>+</sup>15]. **Non-Alpha-Equivalent**

[XFS<sup>+</sup>24]. **Non-Autoregressive** [LFL<sup>+</sup>24].

**Non-deterministic** [HT17].

**Non-Serializable** [MWP<sup>+</sup>21].

**nonanomalous** [DBPU13].

**Nondeterministic** [XFJ<sup>+</sup>24].

**Nonequivalence** [dFLSV14].

**noninteractive** [ZZL<sup>+</sup>06].

**noninterference** [DFG00]. **notation**

[FP02, Jac02]. **notations** [BP05, CDP04].

**Notebook** [LASA24]. **Notebooks** [LLG23].

**Notkin** [Ros13b]. **Novice** [CZ19]. **NPC**

[XLW<sup>+</sup>22]. **npm** [ACSA23, RCAH23].

**NSFuzz** [HQM<sup>+</sup>23, QHM<sup>+</sup>23]. **NSGA**

[MKS<sup>+</sup>15]. **NSGA-III** [MKS<sup>+</sup>15]. **Nudge**

[MUB<sup>+</sup>23]. **numerical** [SMAC08].

**Nygaard** [Ano02].

**Obfuscation** [GHM18].

**Obfuscation-Resilient** [GHM18].

**Obituary** [Ano02]. **Object**

[AB12, GGGU21, HLX23a, LHX21, MS94, TG11, WWL<sup>+</sup>23, Cal95, CTCC98, CTC01, CSC06, DFB99a, DF94, Jac02, MRR05, RS09, RM03, SS02, SB02].

**Object-Oriented**

[AB12, MS94, WWL<sup>+</sup>23, CTCC98, CTC01, CSC06, DFB99a, DF94, RS09, RM03, SB02].

**Object-Sensitive** [HLX23a, LHX21].

**objected** [DFB99b]. **objected-oriented**

[DFB99b]. **Objective**

[AADB24, CLBY18, COM24, HLL<sup>+</sup>16, HLL<sup>+</sup>20, LVBBC<sup>+</sup>18, MKS<sup>+</sup>15, SHLW21, TAA<sup>+</sup>19, XZZL18, ZHO<sup>+</sup>18, BKD<sup>+</sup>23, CL23b, SYA21, XL20, ZLS<sup>+</sup>24a].

**Objectives** [CL23a]. **Objects** [ZWT<sup>+</sup>24].

**obliviousness** [HE13]. **OBSERV** [TY92].

**Observability** [ZQS<sup>+</sup>23]. **Observable**

[HT17]. **observational** [PSV01]. **OCL**

[QT12]. **Octopus** [TDL<sup>+</sup>24]. **offs** [RAE<sup>+</sup>24].

**Ole** [Ano02]. **Ole-Johan** [Ano02].

**On-device** [HHC<sup>+</sup>24, HDKM23]. **One**

[Liu22]. **Online** [JHC<sup>+</sup>24]. **onto** [HSC<sup>+</sup>24].

**Opacity** [ALMS22]. **Open**

[AHGZ23, BSA22, BKHT21, CWM<sup>+</sup>20,

HSC<sup>+</sup>24, JEB<sup>+</sup>23, KCAS23, KCMS24,

LMY<sup>+</sup>24, PLZ<sup>+</sup>22, RSBP23, RGCS14,

TWS<sup>+</sup>22, WFW<sup>+</sup>20, WYC<sup>+</sup>24, WBRH23,

XGF<sup>+</sup>23, ZA23, MFH02, Sin10].

**Open-Source** [BSA22, KCAS23, KCMS24,

LMY<sup>+</sup>24, PLZ<sup>+</sup>22, RGCS14, JEB<sup>+</sup>23,

WYC<sup>+</sup>24, Sin10]. **OpenStack**

[BSOM24, ZLT<sup>+</sup>22]. **Operation** [LPH<sup>+</sup>24].

**Operational** [SZH<sup>+</sup>19]. **Operations**

[SCL<sup>+</sup>23]. **operators** [OLR<sup>+</sup>96]. **Opinion**

[LCS<sup>+</sup>22, CF10]. **Opportunities** [YXL<sup>+</sup>22].

**Optimal** [HLL<sup>+</sup>16, Liu22, OBH24].

**Optimization**

[CLBY18, CS22, DPRO23, GCC<sup>+</sup>24a,

HLL<sup>+</sup>16, HGX<sup>+</sup>24a, LLSM22, LVBBC<sup>+</sup>18,

LWC<sup>+</sup>23, XZZL18, XHL<sup>+</sup>24, AGHC<sup>+</sup>22].

**Option** [MHFW24]. **Options**

[ZKW<sup>+</sup>23a, ZKW<sup>+</sup>23b]. **Oracles**

[WPB19, XM07]. **Orchestra** [TS09]. **Order**



[GXSC21, GSC24, SGD15, LWF03, TPT13, XTW<sup>+</sup>23]. **Organizational** [JEB<sup>+</sup>23, DCS09]. **Organized** [ZWCH21]. **Orientation** [WWY<sup>+</sup>23]. **Oriented** [AB12, QWG<sup>+</sup>23, YND<sup>+</sup>24, ZSL<sup>+</sup>13, AM11, CTCC98, CTC01, CWM<sup>+</sup>23, CSC06, DFB99a, DFB99b, DF94, DR10, FGL<sup>+</sup>12, HE13, DGK21, MS94, ODV<sup>+</sup>09, RS09, RM03, SB02, SGR<sup>+</sup>10, WWL<sup>+</sup>23]. **OS-level** [LYL<sup>+</sup>24]. **OSS** [KS22, ZMM<sup>+</sup>16]. **outcome** [GJ08]. **Outgoing** [Ros19]. **output** [KM10, QNR13]. **Overdue** [MUB<sup>+</sup>23]. **Overfitting** [IRKY24]. **Overflow** [DLRA15, ARG17, GXG<sup>+</sup>20, GXL<sup>+</sup>23, HZX<sup>+</sup>24, WJZ<sup>+</sup>23, YZP<sup>+</sup>22, ZWCH21, ZLS24b]. **Overhead** [RCAH23]. **overlapping** [HaK92]. **Overlong** [JLCZ24].

**PACE** [BK24]. **Pacemaker** [BZSW14]. **Package** [GHXZ24, JCSA23]. **Packages** [VCP<sup>+</sup>23]. **Pan** [BGdV92]. **Pandemic** [FSZ<sup>+</sup>22, RHV24, RHvB24]. **Pandemic-RCR** [RHvB24]. **Parallel** [HT17, KK93, PSV01, RD15, TDL<sup>+</sup>24, ZCH22, SMAC08]. **Parameter** [LKA<sup>+</sup>23, TG11]. **parameterization** [BAD08]. **Parameterized** [MRR05]. **Parameters** [RGCS14]. **Parametric** [ALMS22, WAH23]. **Pareto** [CL23b]. **Part** [ELN<sup>+</sup>92]. **Partial** [FDB<sup>+</sup>12, HYX<sup>+</sup>24, LHX21, PBU16, SGD15, XCCY10]. **Partial-Order** [SGD15]. **Participation** [TWS<sup>+</sup>22]. **Particular** [XL20]. **Party** [LWD<sup>+</sup>24]. **Passing** [TG11]. **Patch** [HML23, LWWM22, MGTR18, STGR21, TLP<sup>+</sup>22, YXX<sup>+</sup>23]. **PatchCensor** [HML23]. **Patches** [IRKY24, KPC18, LYB<sup>+</sup>24, TLL<sup>+</sup>23, TWB<sup>+</sup>19, ZSW<sup>+</sup>22]. **Patching** [CCVLW23]. **Path** [DDE11, GSYT21, MHFW24, QNR13, SGD15, TDL<sup>+</sup>24, TPT13, XLW<sup>+</sup>22, ZLA<sup>+</sup>24, LS13, SRK06]. **Path-** [TPT13]. **Path-Sensitive** [SGD15]. **Paths** [YWC16]. **Pattern** [CZ19, SGR<sup>+</sup>15, WAH23].

**Pattern-based** [CZ19]. **Patterns** [KAS20, LZL<sup>+</sup>23, DDGR18, MS22, ZB13]. **Paving** [MHFW24]. **Peer** [RGCS14]. **Penetration** [MAKM22]. **Perceive** [NMA<sup>+</sup>23]. **Perception** [KSFC24]. **Performance** [BK24, CL23a, CGZ23, CFL<sup>+</sup>16, GHX<sup>+</sup>24, JYZ<sup>+</sup>24, LLSM22, LLS<sup>+</sup>21, RXX<sup>+</sup>19, ZHZ<sup>+</sup>21, Tiw08]. **Person** [ZSHD20]. **Personality** [CL22]. **Personalized** [ZL13]. **Perspective** [BXL<sup>+</sup>22, FSP<sup>+</sup>13, HGHM23, LGC<sup>+</sup>23, SFG<sup>+</sup>24, WZQL24, YZY<sup>+</sup>24]. **pervasive** [MZ09, XCCY10]. **phase** [JGB12, ZHC24]. **philosophies** [MSW12]. **Phones** [HDG<sup>+</sup>24]. **Phrase** [YXZ<sup>+</sup>23]. **Phrase-based** [YXZ<sup>+</sup>23]. **Physical** [MCM24, ZTP<sup>+</sup>23, CYA22, MSM<sup>+</sup>24, XAY23, XTW<sup>+</sup>23]. **Pied** [MRO<sup>+</sup>23]. **Pied-Piper** [MRO<sup>+</sup>23]. **pilot** [XM08]. **Pioneer** [ZXZ<sup>+</sup>24]. **Piper** [MRO<sup>+</sup>23]. **PL** [DL11]. **Place** [MS15]. **Place-Aware** [MS15]. **Planet** [WCJL23]. **Planning** [CSW21, JDW<sup>+</sup>24, OL22, ZHO<sup>+</sup>18]. **Plans** [GBA<sup>+</sup>24]. **Plasticity** [BT22]. **Platform** [EHEZ21, LJL<sup>+</sup>20, LSH23, PORH23, YFL<sup>+</sup>24, ZOJH21]. **Platform-Independent** [YFL<sup>+</sup>24]. **Platforms** [DZV<sup>+</sup>23]. **Platys** [MS15]. **Play** [CCH<sup>+</sup>21]. **Playbook** [SRN<sup>+</sup>24]. **Plugins** [LSH23]. **Plus** [DTC<sup>+</sup>24]. **Point** [BCGB21, LDM<sup>+</sup>24, BTI14]. **Pointer** [HLX23a, LHX21]. **pointers** [OSH04]. **points** [LH08, MRR05]. **points-to** [LH08, MRR05]. **Poison** [LLZ<sup>+</sup>24]. **Policies** [BBS16, BKHT21, BLW09]. **Polychronous** [GGLT07]. **Polynomial** [NKWF14]. **Ponzi** [ZCZ<sup>+</sup>23]. **Popular** [CCH<sup>+</sup>21]. **Poracle** [IRKY24]. **Portfolio** [MPG<sup>+</sup>13]. **Post** [CDKP21, JMS08, JYZ<sup>+</sup>24]. **Post-release** [JMS08]. **Post-training** [JYZ<sup>+</sup>24]. **Posteriori** [DG17]. **Posts** [ARG17, GXL<sup>+</sup>23, HZX<sup>+</sup>24]. **potentially** [ZXLC14]. **Power** [GSC24, LSV08]. **Powered** [ZOJH21, CCY<sup>+</sup>21]. **Practical**



[BCGB21, CWW<sup>+</sup>20, HB22, LYL<sup>+</sup>24, SZH<sup>+</sup>19, SSB20, YXX<sup>+</sup>23]. **Practice** [BUB23, BXL<sup>+</sup>22, BXX<sup>+</sup>24, OFS24, PCGGRC<sup>+</sup>24, ELvdH<sup>+</sup>05]. **Practices** [BKHT21, CCY<sup>+</sup>24, FPR<sup>+</sup>24, SER24, WHP<sup>+</sup>23, ZTP<sup>+</sup>23]. **Practitioner** [BXL<sup>+</sup>22, HGHM23, PHS<sup>+</sup>24]. **pragmatic** [HW12]. **Pre** [FCG<sup>+</sup>24, GZW<sup>+</sup>23, LLL<sup>+</sup>23, LLT<sup>+</sup>24, LLZ<sup>+</sup>22, LLX<sup>+</sup>24, MLZ<sup>+</sup>24, WWL<sup>+</sup>23]. **Pre-implementation** [WWL<sup>+</sup>23]. **Pre-Trained** [FCG<sup>+</sup>24, GZW<sup>+</sup>23, MLZ<sup>+</sup>24, LLL<sup>+</sup>23, LLT<sup>+</sup>24]. **Pre-Training** [LLZ<sup>+</sup>22, LLX<sup>+</sup>24]. **Precise** [AB12, KMYK19, LRCS14, WWY<sup>+</sup>23, XR13, ZZC<sup>+</sup>23]. **Precisely** [MA24]. **Precision** [LHX21, PTAB24, PSW<sup>+</sup>20]. **Precision-Preserving** [LHX21]. **Predicates** [YLWW24]. **Predict** [FHS<sup>+</sup>24]. **Predicting** [AHGZ23, CM23, COM24, HLX<sup>+</sup>24, LJL<sup>+</sup>20, LM24, MBH<sup>+</sup>17, TLP<sup>+</sup>22, TSS24, ZHZ<sup>+</sup>21]. **Prediction** [BK24, CYA22, CXH<sup>+</sup>21, CGZ23, CUHH24, FAP22, GLH<sup>+</sup>24, ISI<sup>+</sup>24, JHC<sup>+</sup>24, NXL<sup>+</sup>22, PTAB24, SMY19, TLL<sup>+</sup>23, WZQL24, WWL<sup>+</sup>23, YKY<sup>+</sup>23, ZLL<sup>+</sup>23, ZL13, ZYL<sup>+</sup>18, ZXLC14]. **Predictions** [YFI<sup>+</sup>24, ZZX<sup>+</sup>21]. **Predictive** [KJHY22, LRCS14, YXL<sup>+</sup>22, HZZ13]. **Preference** [PLP<sup>+</sup>23]. **Preference-wise** [PLP<sup>+</sup>23]. **preliminary** [YTL<sup>+</sup>95]. **presence** [FYD<sup>+</sup>08, FC00, Hie02, OSH04]. **Preservation** [IRKY24]. **Preserving** [LHX21, YHR92]. **Prevalence** [MA14, ZLT<sup>+</sup>22]. **Preventing** [FPR<sup>+</sup>24]. **Prevention** [FPR<sup>+</sup>24]. **PRIME** [PWD<sup>+</sup>99, MGMM11]. **Principal** [YCG<sup>+</sup>24]. **Principle** [NLT<sup>+</sup>24]. **Principles** [Bjø19]. **Prioritisation** [RFR23]. **Prioritization** [BKD<sup>+</sup>23, CCW<sup>+</sup>23, DLP<sup>+</sup>24, EM15, HZZ<sup>+</sup>14, LDM<sup>+</sup>24, ZZY<sup>+</sup>21, ZCH22, YHC13]. **Privacy** [BBS16, ML00]. **Pro** [YDX<sup>+</sup>24]. **Proactive** [SMBK22]. **Probabilistic** [EM18, LSN<sup>+</sup>23, LSBN24, PBU16, JGB12]. **Probable** [XW22]. **Problem** [IRKY24, SKBD14, XL20, HKMB<sup>+</sup>14, MY13]. **Problematizing** [RFDS24]. **Problems** [CUHH24, XFJ<sup>+</sup>24, ZA23]. **procedure** [BHR95, MGP<sup>+</sup>13]. **Procedures** [LSX<sup>+</sup>24]. **Process** [BCFM06, DPC<sup>+</sup>24, PVHW17, LDUD13, TG23, TC20, WYW<sup>+</sup>22, ACF97, BCD02, BAD08, CW99, DHW98, GRT09, JPL98, ODV<sup>+</sup>09, PWD<sup>+</sup>99, SR05, SHO95]. **process-centered** [ACF97]. **process-integrated** [PWD<sup>+</sup>99]. **process-oriented** [ODV<sup>+</sup>09]. **Processes** [HGW<sup>+</sup>16, Cia93, CW98, DCS09, FGMP03]. **Processing** [PORH23, ZFL<sup>+</sup>22, LLZ<sup>+</sup>24, ATW94, AFB24, Bre95]. **Product** [CTA<sup>+</sup>21, DL11, FHS<sup>+</sup>24, HLL<sup>+</sup>16, HLL<sup>+</sup>20, KRM24, XZZL18, XHL<sup>+</sup>24, ZCT18, BJMH02, KATS12, MC08]. **product-lines** [BJMH02]. **Production** [CCH<sup>+</sup>24, SYL<sup>+</sup>23, TBS92]. **Productivity** [MHG24, RHV24, RHvB24]. **products** [JMS08]. **Professionals** [TSS24]. **profiling** [XR13]. **Program** [ASJDW21, BHR95, BK24, CH21, GWD<sup>+</sup>21, GRS<sup>+</sup>16, IRKY24, LZL<sup>+</sup>23, LTLL24, LYB<sup>+</sup>24, MTRK14, RKBL19, RNTN<sup>+</sup>24, SBS<sup>+</sup>23, SZX<sup>+</sup>24, TZD<sup>+</sup>24, WYM<sup>+</sup>24, XW22, YWC16, YLM<sup>+</sup>23, YB20, ZFL<sup>+</sup>22, ZKW<sup>+</sup>23a, ZKW<sup>+</sup>23b, ZFM<sup>+</sup>24, ZH24, BG96, BGH07, BG98, DBGU13, EF05, GN93, HZS08, KM10, LH02, OSH04, SLB<sup>+</sup>21, YHR92]. **Programmed** [EKL<sup>+</sup>19]. **Programmer** [DAL<sup>+</sup>23, KBZ<sup>+</sup>24]. **Programming** [AFY<sup>+</sup>22, DBNG15, BXX<sup>+</sup>20, CWM<sup>+</sup>20, CXH23, FYW24, FTF22, FTF24, KS20, KAT12, MZ09, SP18, TLJZ24, WWL<sup>+</sup>23, WWJ<sup>+</sup>24, XL20, YXK<sup>+</sup>17, HE13, Kli93, RSB05, SHO95]. **Programs** [BCGB21, BK23, CCXZ23, EK11, GXSC21, GSYT21, HCJ<sup>+</sup>24, IC14, KMYK19, LKR22, LPH<sup>+</sup>24, LZ24, NBMK22, SDG<sup>+</sup>24, WWAC23, XFS<sup>+</sup>24, XFJ<sup>+</sup>24, Yu23, CTCC98,



CF03, Cor00, DF94, FC00, HZZ13, MP09, PTY95, QRLV12, SMAC08, TS09, YTL<sup>+</sup>95]. **Progressed** [GLL<sup>+</sup>21, ZYL<sup>+</sup>18]. **Project** [CM23, DGGJ24, JHC<sup>+</sup>24, LM24, NLT<sup>+</sup>24, PWB23, ZYL<sup>+</sup>18, Sin10]. **Projections** [MQLR16]. **Projects** [ACSA23, BSOM24, FAP22, JA22, JEB<sup>+</sup>23, KCAS23, KCMS24, LASA24, NLX<sup>+</sup>22, PLZ<sup>+</sup>22, RGCS14, SGHM23, SST24, WFW<sup>+</sup>20, WHP<sup>+</sup>23, WYC<sup>+</sup>24, ZMM<sup>+</sup>16]. **Promise** [XVN22]. **Promises** [CUHH24]. **Prompt** [CCH<sup>+</sup>24, HSX<sup>+</sup>24b, HYX<sup>+</sup>24]. **Prompt-tuned** [HSX<sup>+</sup>24b, HYX<sup>+</sup>24]. **Prompting** [LZL<sup>+</sup>24]. **Prone** [AROK21]. **Proof** [DGGJ24, FC00, RO18]. **proofs** [KKLS02]. **Propagation** [HDKM23]. **Properties** [DPRO23, EHF20, LBZ14, LLSM22, CK99, DCCN04, FPB<sup>+</sup>05, JGB12, Sin10, SGE00]. **Property** [CSV13, DDE11, NBB15]. **Proposal** [PCGGRC<sup>+</sup>24]. **Prospective** [Pez22]. **Protecting** [LZS<sup>+</sup>24, ML00, ZWGX22]. **Protocol** [LZS<sup>+</sup>24, Ber94, Pet97]. **Protocols** [GGGU21, CJM00, DFG00, PBCT10]. **prototyping** [TY92]. **Prove** [RO18]. **provenance** [MGMM11]. **provenance-aware** [MGMM11]. **Proving** [AB23]. **Pruning** [ZZF<sup>+</sup>24]. **psc2code** [BXX<sup>+</sup>20]. **Psychometrics** [GLFW22]. **PTM** [LLT<sup>+</sup>24]. **PTM-APIRec** [LLT<sup>+</sup>24]. **Publication** [DR15]. **Pull** [BYTS23, KCAS23, KCMS24, MUB<sup>+</sup>23, PWB23]. **Pull-Based** [KCMS24]. **purely** [FPB<sup>+</sup>05]. **PVS** [MPF14]. **PyPI** [GHXZ24]. **Python** [BLS<sup>+</sup>23, CCY<sup>+</sup>24, GCC<sup>+</sup>24b, HAB<sup>+</sup>20].

**Q** [ZHY24]. **Q&A** [UKR21, YHG<sup>+</sup>24]. **Q-Networks** [ZHY24]. **Q8A** [GXLG21]. **Qed** [DGGJ24]. **QoS** [VTA04]. **QoS-enabled** [VTA04]. **Qualitative** [AMS<sup>+</sup>18, DZV<sup>+</sup>23]. **Quality** [AAP<sup>+</sup>20, CM23, CDKP21, CWM<sup>+</sup>23, FTF22, HCW<sup>+</sup>22, LLCW<sup>+</sup>24, MBH<sup>+</sup>17, PLMC23, RSBO23, XHL<sup>+</sup>24, CF03, GL14, MGP<sup>+</sup>13]. **Quality-Diversity** [XHL<sup>+</sup>24]. **Quality-oriented** [CWM<sup>+</sup>23]. **Quantification** [PTTB24]. **Quantifying** [GZSW19]. **Quantitative** [ZZC<sup>+</sup>23]. **quantitatively** [CW99]. **Quantum** [FYW24, LPH<sup>+</sup>24, LZ24, RSC<sup>+</sup>24, XFJ<sup>+</sup>24, Yu23]. **Queries** [WJZ<sup>+</sup>23, WGSD07]. **Query** [LXL<sup>+</sup>22, MBH<sup>+</sup>17, RR23, WPX<sup>+</sup>23, PJRR10, WGG13]. **Question** [GXG<sup>+</sup>20, GXLG21]. **questions** [KM10]. **Quo** [WFF<sup>+</sup>19]. **QuoTe** [CWM<sup>+</sup>23]. **QVM** [AVY11].

**Race** [CTC<sup>+</sup>23, JPS22, RD15]. **Random** [EMM24, TAA<sup>+</sup>19]. **Randomization** [ZWGX22]. **Ranges** [LSN<sup>+</sup>23]. **Rank** [KMYK19]. **RAPID** [FCG<sup>+</sup>24]. **Rationale** [ZLT<sup>+</sup>22, FBC<sup>+</sup>13, YTL<sup>+</sup>95]. **RCR** [FMMB23a, HQM<sup>+</sup>23, Rus24b, RHvB24, WT24b, WNN<sup>+</sup>24b, ZKW<sup>+</sup>23b]. **Re** [ZWGX22, AAD<sup>+</sup>24, KRM24]. **Re-Randomization** [ZWGX22]. **Reachability** [LHX21, ZHXZ24, CK96, CK99, PTY95]. **Reachability-guided** [ZHXZ24]. **Reactions** [BYTS23]. **reactive** [FS93]. **Read** [Liu22]. **Real** [LSN<sup>+</sup>23, LSBN24, MCKG24, TLJZ24, Cal95, FM94, FP02, GGLT07, MRK<sup>+</sup>97, Ost99, Pon02, SLD<sup>+</sup>13, WME93]. **Real-Time** [LSN<sup>+</sup>23, TLJZ24, LSBN24, Cal95, FM94, FP02, GGLT07, MRK<sup>+</sup>97, Ost99, Pon02, SLD<sup>+</sup>13, WME93]. **Real-world** [MCKG24]. **Realistic** [ISI<sup>+</sup>24]. **Reality** [KRM24]. **Realizable** [TDL<sup>+</sup>24]. **Really** [FSM<sup>+</sup>15, YZP<sup>+</sup>22]. **Reasoning** [EBE<sup>+</sup>14, FPB<sup>+</sup>05, GZ05, PRM01, CAC08, HN98, RMP97, VTA04]. **Reasons** [FPR<sup>+</sup>24]. **Recall** [PTAB24, PSW<sup>+</sup>20]. **ReCDroid** [ZSL<sup>+</sup>22]. **Recognition** [HSB<sup>+</sup>23]. **Recommend** [LTL<sup>+</sup>24]. **Recommendation** [GXLG21, GXL<sup>+</sup>23, GCC<sup>+</sup>24a, LLT<sup>+</sup>24,



SIB23, WYW<sup>+</sup>22, YHG<sup>+</sup>24].  
**Recommendations** [OPK<sup>+</sup>21, PDHR23].  
**Recommenders** [AM11]. **Recommending** [DR11, JZL<sup>+</sup>19a, SYA21, STS<sup>+</sup>18].  
**recompilation** [ATW94, Bre95].  
**Recomposition** [BBS16]. **Reconciling** [SN92]. **Recovering** [DFOT07]. **Recovery** [LYL<sup>+</sup>24]. **reduce** [Cor00]. **reduced** [Ber94, Pet97]. **Reducing** [AM11, LZCC24].  
**Reduction** [TZD<sup>+</sup>24, ZWL<sup>+</sup>22, DBDS94].  
**Redundancy** [CGPP15, SLWZ24, HZZ13].  
**Reengineering** [Sne96, CF03]. **Refactor** [PZS<sup>+</sup>20]. **Refactoring** [AB23, DG18, FSP<sup>+</sup>13, LLG23, OKS<sup>+</sup>16, TDT<sup>+</sup>22, VBZ<sup>+</sup>18, SGL12]. **Refactorings** [PLZ<sup>+</sup>22]. **referees** [ACM05]. **reference** [BCC92]. **Refinement** [ASJDW21, Ban23, LXS<sup>+</sup>24, ZNZ<sup>+</sup>23, Ost99].  
**refinements** [SB02]. **Refining** [LLCW<sup>+</sup>24].  
**Reflection** [LTX19, Pez22, SLB<sup>+</sup>21].  
**reflective** [LL00]. **Reformulations** [RR23].  
**region** [DER10]. **RegionTrack** [MWP<sup>+</sup>21].  
**Regression** [GWH<sup>+</sup>24, LYB<sup>+</sup>24, BR01, GHK<sup>+</sup>01, Mem08, RH97, REM<sup>+</sup>04]. **regular** [KGA<sup>+</sup>12]. **Regulation** [KAS20].  
**Regulatory** [GL11]. **Reifying** [Jéz99].  
**reimplementation** [CF03].  
**Reinforcement** [BT22, BT24, FCLL21, GCC<sup>+</sup>24a, HKA24, RMCT22, YFL<sup>+</sup>24].  
**Reject** [PLZ<sup>+</sup>22]. **related** [CSB<sup>+</sup>24, CCY<sup>+</sup>24, HGHM23].  
**Relatedness** [MB15]. **Relation** [HSX<sup>+</sup>24b, HSX<sup>+</sup>24a]. **Relational** [MWK15, FPB<sup>+</sup>05]. **Relations** [HSX<sup>+</sup>24a, XTZ<sup>+</sup>24]. **Relationships** [HB22]. **Relative** [HAB<sup>+</sup>20, MB20].  
**Relaxation** [BLBB24]. **Relaxed** [JPS22].  
**Release** [OL22, ZHO<sup>+</sup>18, HKMB<sup>+</sup>14, JMS08].  
**Relevance** [OSD<sup>+</sup>23]. **relevant** [MPG<sup>+</sup>13].  
**Reliability** [KDM23, LTLL24, ZL13, JMS08, PMM<sup>+</sup>99, Wey96]. **Reliable** [ISI<sup>+</sup>24, LZL<sup>+</sup>23]. **Remodularization** [CBRO16, MWC<sup>+</sup>24, MKS<sup>+</sup>15]. **Remote** [SBBL23, WT24a, WT24b]. **Remote-Code** [SBBL23]. **Removal** [WRD<sup>+</sup>22]. **Removing** [LCZL14, HZZ13]. **Renaming** [ZLL<sup>+</sup>23].  
**Renamings** [DLY<sup>+</sup>23]. **Repair** [AFY<sup>+</sup>22, CTC<sup>+</sup>23, FNT<sup>+</sup>24, GWD<sup>+</sup>21, GYY<sup>+</sup>24, GCC<sup>+</sup>24a, IRKY24, LPH<sup>+</sup>24, LZL<sup>+</sup>23, LYB<sup>+</sup>24, NBB15, OPK<sup>+</sup>21, PVHW17, RNTN<sup>+</sup>24, SKY23, WYM<sup>+</sup>24, YLM<sup>+</sup>23, YABLR20, YB20, ZFM<sup>+</sup>24, ZWT<sup>+</sup>24, ZH24]. **Repairing** [LXW<sup>+</sup>24, QWG<sup>+</sup>23, RLM<sup>+</sup>24, Mem08].  
**Replicability** [LGX<sup>+</sup>22]. **Replication** [AAD<sup>+</sup>24, NXL<sup>+</sup>22, RRPW21]. **Report** [FMMB23a, HQM<sup>+</sup>23, Rus24b, RHvB24, WT24b, WNN<sup>+</sup>24b, ZHV<sup>+</sup>23, ZKW<sup>+</sup>23b, AM11, KKP<sup>+</sup>23]. **Reported** [DZV<sup>+</sup>23].  
**Reports** [AHGZ23, KS20, SXX<sup>+</sup>24, ZSL<sup>+</sup>22].  
**Repositories** [GZW<sup>+</sup>23, HSC<sup>+</sup>24, Hen97].  
**Repository** [DNRN15, SBS<sup>+</sup>23].  
**Representation** [BC23, EW11, HZX<sup>+</sup>24, KKP<sup>+</sup>22, LLZ<sup>+</sup>22, WLS<sup>+</sup>20, ZLS<sup>+</sup>23].  
**representations** [BGL00]. **Representing** [RM07, DER10]. **Reproducibility** [LGX<sup>+</sup>22]. **Reproducing** [JO15].  
**Reproduction** [ZSL<sup>+</sup>22]. **Request** [BYTS23, PWB23]. **Request-Issue** [PWB23]. **Requests** [KCAS23, MUB<sup>+</sup>23].  
**Required** [LK14]. **Requirements** [AAD<sup>+</sup>24, BLBB24, DPB17, GL11, HGHM23, LKRF22, DGD<sup>+</sup>19, MHG24, RST<sup>+</sup>14, WFF<sup>+</sup>19, ZZY<sup>+</sup>21, CRST12, CD98, GM01, GZ05, HJL96, SMT92, SR05, UFG14, ZJ97].  
**Resampling** [SMY19]. **Research** [CL22, MHFW24, MS22, PDHR23, SF18, SRN<sup>+</sup>24, WCP<sup>+</sup>22, EAS08, ELvdH<sup>+</sup>05, RSB05].  
**Residual** [LRCS14]. **Resilient** [GHM18].  
**Resistance** [GZSW19]. **Resolution** [BFFG19]. **Resolving** [AHGZ23]. **Resource** [WRD<sup>+</sup>22, ZLS<sup>+</sup>24a].  
**Resource-constrained** [WRD<sup>+</sup>22].  
**Respect** [DLY<sup>+</sup>23]. **Response** [GZX<sup>+</sup>22, TAW95]. **Responses** [LSB<sup>+</sup>23].  
**REST** [AZG24, MZA22, ZA22]. **RESTful**



[Arc19, GZA24, ZA23]. **restructuring** [BG98, GN93]. **Result** [BLS<sup>+</sup>23]. **results** [DO93, PJRR10]. **Retain** [WWAC23]. **retargetable** [Dev99]. **Retention** [ZMM<sup>+</sup>16]. **Retraining** [AFPB23]. **Retrenchment** [Ban23]. **Retrieval** [MBH<sup>+</sup>17, SURL11, WXL<sup>+</sup>21, WSG<sup>+</sup>23, ZWCH21, ZLP<sup>+</sup>24, DFOT07, PGM12]. **Retrieval-based** [WXL<sup>+</sup>21]. **Retrieving** [PP93, WJZ<sup>+</sup>23]. **Retrospective** [Pez22]. **Return** [ZWGX22]. **reusable** [BO92, PP93]. **Reuse** [FSP<sup>+</sup>13, HLX<sup>+</sup>23b, DGD<sup>+</sup>19, VHNF22, EF05, Hen97, HW12, MC08, OHDB92]. **Reusing** [HGX<sup>+</sup>24b, QSZG24, SRH<sup>+</sup>24]. **Reveal** [HLX<sup>+</sup>23b]. **Revealing** [HLX<sup>+</sup>24, MRO<sup>+</sup>23]. **reverse** [AM04]. **Review** [AH24, AMV23, CCS24, COM24, GZX<sup>+</sup>22, HZL<sup>+</sup>24, LCS<sup>+</sup>22, RR23, RGCS14, SBMK21, TG24, WCP<sup>+</sup>22, WCJL23, HBB<sup>+</sup>09]. **Reviewers** [ACM03]. **Reviews** [BUB23, CCH<sup>+</sup>21, STDB23]. **revisit** [CCX11]. **revisited** [GD08]. **Revisiting** [MB20, SYL<sup>+</sup>23]. **Rewards** [PBU16]. **rewriting** [VKV03]. **RFC** [TCDZ19]. **RFC-guided** [TCDZ19]. **rich** [RKBL19]. **Rigorous** [CSFB24]. **Rise** [LGC<sup>+</sup>23, WCJL23]. **Risk** [GL11, LBZ14, MGP<sup>+</sup>22, XCKX13]. **Risks** [ZWZ<sup>+</sup>24]. **Risky** [CCY<sup>+</sup>24]. **Road** [GBA<sup>+</sup>24]. **Roads** [LSM23]. **Robotic** [AMV23]. **Robust** [NAF<sup>+</sup>23]. **Robustness** [ABC<sup>+</sup>22, HAY<sup>+</sup>23, HML23, WWAC23, YZY<sup>+</sup>24, ZFL<sup>+</sup>22, ZZS<sup>+</sup>22]. **Role** [SPAS21, GJ08]. **Root** [ZLTH24]. **Route** [LSM23]. **router** [CR94]. **RPC** [ZAL<sup>+</sup>23]. **RPC-Based** [ZAL<sup>+</sup>23]. **Rule** [GY<sup>+</sup>24, ZZL<sup>+</sup>24, Cia93, Kip92, MM13]. **Rule-Based** [GY<sup>+</sup>24, Cia93, Kip92]. **Rules** [ARG17, MFL12, KK04]. **Run** [ZHZ<sup>+</sup>21]. **Run-time** [ZHZ<sup>+</sup>21]. **Runtime** [AVY11, BLS11, BSOM24, EKL<sup>+</sup>19, XMA<sup>+</sup>14, ZCW<sup>+</sup>24, ZWGX22, BLW09].

**Rust** [CXH23, CCXZ23, XCS<sup>+</sup>22, ZWZ<sup>+</sup>24].

**SAEO** [GSYT21]. **Safe** [LSN<sup>+</sup>23, LSBN24, BRR01, BTI14, RH97]. **SafeDrop** [CCXZ23]. **Safety** [AFPB23, AFB24, CYM<sup>+</sup>24, DZV<sup>+</sup>23, FPBS23, KSFC24, NA24, RFDS24, XCS<sup>+</sup>22, BFN<sup>+</sup>14, CK99, SGE00, SRK06]. **Safety-critical** [FPBS23, NA24]. **SAFKASI** [WAF00]. **Saltzer** [PDHR23]. **Sample** [ZLW<sup>+</sup>21]. **Sampling** [DDE11, PP93, PMM<sup>+</sup>99]. **Sanity** [WYMW20]. **Sapper** [CCH<sup>+</sup>24]. **SAT** [AGR19, XZZL18]. **SAT/SMT** [AGR19]. **satisfiability** [BM13, PMS13]. **Sator** [BPT10]. **SBOMs** [BXX<sup>+</sup>24]. **SBST** [ZBA23]. **Scala** [ARL<sup>+</sup>15]. **Scalability** [CCRZ23]. **Scalable** [FCLL21, LXS<sup>+</sup>24, WWZ<sup>+</sup>22, XMA<sup>+</sup>14, BRRP05, HKMB<sup>+</sup>14, HAB13]. **Scale** [BNB14, DNRN15, FA14, LJJ<sup>+</sup>20, LLZ<sup>+</sup>22, MAL24, RFDS24, SST24, VLJ<sup>+</sup>18, WT24a, WT24b, MNB<sup>+</sup>22, PSV01, Rus21, YZP<sup>+</sup>22]. **Scaling** [HZZ13, LCZL14, TDL<sup>+</sup>24]. **Scanner** [YXM<sup>+</sup>23]. **Scenario** [UKR21, UKM04, WJ10]. **scenario-based** [UKM04]. **Scenarios** [MHK11, NA24, SER24, UKM04]. **Schedule** [MQLR16]. **Scheduling** [XCG<sup>+</sup>24]. **Schema** [MWK15, NL11]. **Schemas** [QT12]. **Schemes** [TZD<sup>+</sup>24, ZCZ<sup>+</sup>23]. **Schroeder** [PDHR23]. **Science** [BPD<sup>+</sup>24]. **Scientific** [CFP<sup>+</sup>24, CY11, EF05, LYCY14]. **Scope** [MB20]. **Scoping** [WPX<sup>+</sup>23]. **Scores** [RO18]. **Scout** [XTZ<sup>+</sup>24]. **Screen** [RST<sup>+</sup>14]. **Screencasts** [BXX<sup>+</sup>20]. **Scripts** [RRPW21, RO18]. **Scrum** [VR23]. **SEADS** [FCLL21]. **SEAL** [SBS<sup>+</sup>23]. **Search** [AAP<sup>+</sup>20, AG22, AZG24, AVAS23, BS16, CCX<sup>+</sup>20, CL23b, COM24, FCG<sup>+</sup>24, FFM24, GHX<sup>+</sup>24, HKA24, KFY24, OKS<sup>+</sup>16, PTAB24, RR23, RSC<sup>+</sup>24, SYA21, SMBO21, SURL11, SKY23, SED14, SFG<sup>+</sup>24, TC20, WPX<sup>+</sup>23, XLD<sup>+</sup>24, XL20, ZYL<sup>+</sup>23,



ZHO<sup>+</sup>18, ZZY<sup>+</sup>21, ZA22]. **Search-Based** [AZG24, FFM24, OKS<sup>+</sup>16, SMBO21, SKY23, ZA22, AAP<sup>+</sup>20, AG22, AVAS23, CL23b, KFY24, PTAB24, XL20]. **Searching** [GXL<sup>+</sup>23, LXL<sup>+</sup>22, MCB<sup>+</sup>23, MPG<sup>+</sup>13, ZZX<sup>+</sup>21]. **second** [TPT13]. **second-order** [TPT13]. **section** [NP08]. **Secure** [ZQS<sup>+</sup>23]. **Securing** [ZCZ<sup>+</sup>23]. **Security** [AMGBK22, LSB<sup>+</sup>23, PDHR23, PFG<sup>+</sup>24, RRPW21, RSBP23, RPT<sup>+</sup>22, SGR<sup>+</sup>23, SIB23, ZQS<sup>+</sup>23, ZWZ<sup>+</sup>24, ZSW<sup>+</sup>22, BDL06, BLW09, CJM00, WAF00]. **See** [KKP<sup>+</sup>22]. **Seed** [XCG<sup>+</sup>24, ZXS<sup>+</sup>24]. **Seeding** [AVAS23]. **Seeds** [AVAS23]. **Seeing** [YLM<sup>+</sup>23]. **segments** [LS13]. **Selecting** [PLMC23]. **Selection** [AADB24, AVAS23, GWH<sup>+</sup>24, HLL<sup>+</sup>16, HGC<sup>+</sup>22, HGX<sup>+</sup>24b, HBF<sup>+</sup>24, JS23, LD24, LMY<sup>+</sup>24, MPT<sup>+</sup>21, ZXS<sup>+</sup>24, BRR01, CY11, GHK<sup>+</sup>01, RH97]. **selective** [ATW94, Bre95]. **Self** [BKD<sup>+</sup>23, CLBY18, CXLG22, DJJL24, GLL<sup>+</sup>21, JDW<sup>+</sup>24, PBC24, RXX<sup>+</sup>19, WI23, PJRR10]. **Self-Adaptive** [CLBY18, WI23]. **Self-Admitted** [RXX<sup>+</sup>19, GLL<sup>+</sup>21]. **self-assessment** [PJRR10]. **Self-Collaboration** [DJJL24]. **Self-debugging** [PBC24]. **Self-Destruct** [CXLG22]. **Self-driving** [BKD<sup>+</sup>23]. **Self-Planning** [JDW<sup>+</sup>24]. **Selfdestruct** [CXLG22]. **sem2vec** [WMW<sup>+</sup>23]. **Semantic** [BAD08, CLL<sup>+</sup>22, HLX<sup>+</sup>23b, MB15, PJRR10, SLWZ24, WSG<sup>+</sup>23, YXX<sup>+</sup>23, YHL<sup>+</sup>22, ZMC<sup>+</sup>24, MG00, KKP<sup>+</sup>22]. **Semantic-aware** [ZMC<sup>+</sup>24]. **Semantic-Based** [CLL<sup>+</sup>22]. **Semantic-Enriched** [HLX<sup>+</sup>23b]. **Semantics** [EHF20, LXL<sup>+</sup>22, LK14, MLZ<sup>+</sup>24, SZH<sup>+</sup>19, WMW<sup>+</sup>23, XTW<sup>+</sup>23, YFD<sup>+</sup>23, HN96, YHR92]. **Semantics-aware** [WMW<sup>+</sup>23]. **semantics-preserving** [YHR92]. **SemMT** [CLL<sup>+</sup>22]. **Sense** [SGR<sup>+</sup>23]. **Sensing** [BZSW14]. **Sensitive** [HLX23a, LKR22, LHX21, SGD15, SCL<sup>+</sup>23, ZHS<sup>+</sup>23, Bro93, Cal95, For94, LH08, TPT13]. **Sensitivity** [HBF<sup>+</sup>24, LHX21, HKMB<sup>+</sup>14, MRR05]. **Sensitivity-Guided** [HBF<sup>+</sup>24]. **Sentiment** [CCY<sup>+</sup>21, UGKR22]. **Sequence** [RGS12, LK14, Mem08]. **sequence-based** [Mem08]. **Sequences** [HT17]. **sequencing** [OO92]. **Sequential** [DDI22, LXL<sup>+</sup>22]. **Serializable** [MWP<sup>+</sup>21]. **Serverless** [BPSSA<sup>+</sup>22, LWC<sup>+</sup>23, WCJL23]. **Service** [HQM<sup>+</sup>23, LWC<sup>+</sup>23, QHM<sup>+</sup>23, BPT10, DPT13, FGL<sup>+</sup>12, HWH14, PBCT10]. **service-oriented** [FGL<sup>+</sup>12]. **Services** [ZL13, BKM07]. **Sets** [TKA24, Hie02]. **Severity** [SXX<sup>+</sup>24]. **sGuard** [GY<sup>+</sup>24]. **Shadow** [KPC18]. **shape** [Cor00]. **Share** [TLJZ24]. **Shortening** [JLCZ24]. **Shot** [FCG<sup>+</sup>24]. **Should** [CCH<sup>+</sup>21, ZWL<sup>+</sup>24]. **shuttle** [CD98]. **Side** [EWS14, GZSW19, GSC24, NKL<sup>+</sup>24, RNTN<sup>+</sup>24]. **Side-Channel** [EWS14, GSC24, RNTN<sup>+</sup>24, GZSW19]. **Signal** [SZZ<sup>+</sup>23, BRG<sup>+</sup>01]. **Signature** [DPC<sup>+</sup>24, ZW95]. **Significance** [YKY<sup>+</sup>23]. **Significant** [HZBS14]. **Similarity** [JFJ<sup>+</sup>23, KS22, NAF<sup>+</sup>23, TLP<sup>+</sup>22, YXX<sup>+</sup>23, YDX<sup>+</sup>24, ZHXZ24, OHDB92]. **Similarity-based** [NAF<sup>+</sup>23]. **Simpler** [YCG<sup>+</sup>24]. **simplified** [JW94]. **Simulating** [FS93, KDM23]. **Simulation** [Ban23, EHF20, KKLS02]. **Simulator** [FPBS23]. **Simulator-based** [FPBS23]. **Single** [BKD<sup>+</sup>23, ZCT18]. **SIP** [HLL<sup>+</sup>16]. **Site** [GXLG21, YHG<sup>+</sup>24]. **Sites** [UKR21]. **Six** [Pez23]. **Size** [LLLM23, BGH07, GD08, HGS93, MGP<sup>+</sup>13, TZZ09, ZXLC14]. **Skin** [FBK24]. **slice** [BGH07, MB07]. **slice-based** [MB07]. **slices** [BFN<sup>+</sup>14]. **Slicing** [SNM23, XMA<sup>+</sup>14, GSH97, LH02, TD01]. **slicing-based** [TD01]. **SLR** [PDHR23]. **Small** [HZBS14, Sin10]. **small-world** [Sin10]. **Smalltalk** [CL94]. **Smart** [AGHC<sup>+</sup>22, ASJA23, CXLG22, CYM<sup>+</sup>24, GYY<sup>+</sup>24, GCC<sup>+</sup>24a, HSB<sup>+</sup>23, HLX<sup>+</sup>23b,



YND<sup>+</sup>24, YABLR20, ZOJH21, ZCZ<sup>+</sup>23]. **SMC** [SGE00]. **Smell** [SKBD14]. **Smells** [AROK21, DLT<sup>+</sup>23, HZBS14, NMA<sup>+</sup>23, RRPW21, YHXY24]. **SMT** [AGRR19, CH21]. **SNIAFL** [ZZL<sup>+</sup>06]. **Snippet** [GXL<sup>+</sup>23, GCH<sup>+</sup>24]. **Snippets** [GXG<sup>+</sup>20]. **SNOW** [Liu22]. **SNOW-optimal** [Liu22]. **Socio** [JA22]. **Socio-Technical** [JA22]. **Sociotechnical** [KAS20]. **Software** [AAP<sup>+</sup>20, AHGZ23, BNB14, BPD<sup>+</sup>24, BXL<sup>+</sup>22, BSA22, BKHT21, Böh18, CL22, CBRO16, CTA<sup>+</sup>21, CLBY18, CCY<sup>+</sup>21, CL23a, CL23b, CWH<sup>+</sup>21, CSW21, CFP<sup>+</sup>24, CW99, CFL<sup>+</sup>16, CZ19, DZV<sup>+</sup>23, DHW98, DLY<sup>+</sup>23, DR15, DNRN15, EWS14, EM18, EF05, EW11, FSZ<sup>+</sup>22, FFM24, FSM<sup>+</sup>15, FTF22, FTF24, GZSW19, GKKH24, GLFW22, GGHM24, HGHM23, HLL<sup>+</sup>20, HZL<sup>+</sup>24, HH95, ISI<sup>+</sup>24, JPS22, JHC<sup>+</sup>24, JEB<sup>+</sup>23, KS22, KDM23, KRM24, KPC18, LLLM23, LD24, LMY<sup>+</sup>24, LCS<sup>+</sup>22, LGX<sup>+</sup>22, LGC<sup>+</sup>23, LSB<sup>+</sup>23, LM24, MHG24, MNB<sup>+</sup>22, MFBF<sup>+</sup>22, MGP<sup>+</sup>22, MFL12, MWC<sup>+</sup>24, MBH<sup>+</sup>17, MY13, MB20, MKS<sup>+</sup>15, MZW<sup>+</sup>23, MKR<sup>+</sup>23, MP14, NLT<sup>+</sup>24, OSB24, OKS<sup>+</sup>16, PTAB24, Pez24a, RKBL19, RGCS14, RAE<sup>+</sup>24, RFDS24, Rus24a, Rus24b, SP18, SLWZ24, STS<sup>+</sup>18, SMY<sup>+</sup>24, SBMK21, SMBK22, SMY19, SF18, SGhWG22, TDT<sup>+</sup>22, TWS<sup>+</sup>22, TSS24, UGKR22, VHNf22, WB13, WLX<sup>+</sup>24, WPB19, WCP<sup>+</sup>22]. **Software** [WSG<sup>+</sup>23, WOM15, XZZL18, XHL<sup>+</sup>24, XGF<sup>+</sup>23, XL20, YXL<sup>+</sup>22, YQTR15, ZSHD20, ZXZ<sup>+</sup>24, ZHZ<sup>+</sup>21, ZLS24b, AAG95, ACF97, BCTW96, BO92, BGO<sup>+</sup>14, BCD02, CS12, CTC01, CM08, Cia93, CW98, CDP04, CD98, DvdHT05, DFOT07, DCCN04, ELN<sup>+</sup>92, ELvdH<sup>+</sup>05, FK96, FLM<sup>+</sup>98, GJ08, Gun00, HBB<sup>+</sup>09, Hen97, HW12, JPL98, JMS08, KK93, LASL13, LSV08, MMST14, MRRR02, MSW12, MFH02, MC08, NLR11, NP08, Off92, ODV<sup>+</sup>09, PSV01, PP93, PMM<sup>+</sup>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<sup>+</sup>20, ZLS<sup>+</sup>24a]. **Solutions** [BXX<sup>+</sup>24, LLS<sup>+</sup>21, LLJH24, XL20]. **Solved** [XCS<sup>+</sup>22]. **solver** [KGA<sup>+</sup>12]. **Solvers** [XZZL18]. **Solving** [AGRR19, CH21, EMM24, SSB20, SED14, XL20, YLWW24]. **Some** [AVAS23, HZBS14]. **Sound** [MWP<sup>+</sup>21, XL20]. **Source** [AHGZ23, BSA22, BKHT21, CWM<sup>+</sup>20, DNRN15, GGH<sup>+</sup>23, HNRA20, HSC<sup>+</sup>24, KS20, KCAS23, KCMS24, KJHY22, LLL<sup>+</sup>23, LMY<sup>+</sup>24, LLT<sup>+</sup>24, LZCC24, MB15, PZS<sup>+</sup>20, PLZ<sup>+</sup>22, RSBP23, RR23, RGCS14, SGR<sup>+</sup>15, SRTR17, SED14, SFC<sup>+</sup>24, SFG<sup>+</sup>24, SZZ<sup>+</sup>23, TWS<sup>+</sup>22, WLS<sup>+</sup>20, WFW<sup>+</sup>20, WBRH23, XGF<sup>+</sup>23, ZHS<sup>+</sup>23, LLZ<sup>+</sup>24, Dev99, DER10, JEB<sup>+</sup>23, MFH02, MN96, RM07, SGG<sup>+</sup>14, Sin10, SAB<sup>+</sup>14, WYC<sup>+</sup>24]. **Source-Code** [DNRN15, SGR<sup>+</sup>15, SGG<sup>+</sup>14]. **SourcererJBF** [MAL24]. **Sources** [ZLTH24, PSMV98]. **Space** [STS<sup>+</sup>18, ZLS<sup>+</sup>24a, ZRGT23, CD98, DBDS94]. **Spaces** [OBH24, WSG<sup>+</sup>23]. **Special** [HP15, MP14, NP08]. **specialization** [SS02]. **Specialized** [LZL<sup>+</sup>24]. **Species** [Böh18]. **Specific** [OFS24, ZZW<sup>+</sup>23, BJMH02, BGL00, HZS08, SS06]. **Specification** [KAS20, KL21, XW22, ZW97, Bro93, CDSM10, CL94, CR94, ELN<sup>+</sup>92, FN03, Kuh99, LY05, MS94, PPP94, RMP97, TK02, WME93]. **specification-based** [Kuh99, LY05, TK02]. **Specifications** [EHF20, PSW<sup>+</sup>20, CCX11, DSV03, FM94, HJL96, HRD08, HN98, Jac95b, KB07, MMST14, MS03, Pon02, PMS13, UKM04, WP93, FPGA07]. **specify** [CFM00]. **Specifying** [PSZ21, DKM<sup>+</sup>94]. **spectra** [NLR11]. **spectra-based** [NLR11]. **Spectrum** [SZX<sup>+</sup>24, TSPRC18, YXK<sup>+</sup>17,



MSW12, XCKX13]. **Spectrum-Based** [TSPRC18, YXK<sup>+</sup>17, XCKX13]. **Speculative** [WCB<sup>+</sup>20]. **Speed** [ODE21, TZD<sup>+</sup>24]. **Speeding** [GWH<sup>+</sup>24, TTL<sup>+</sup>21]. **spi** [DSV03, ZSW<sup>+</sup>22]. **Splitting** [LLS<sup>+</sup>21]. **spreadsheet** [FRB<sup>+</sup>06]. **spreadsheets** [RBL<sup>+</sup>01]. **Spurious** [JCNS24]. **SQL** [AG20, TG24]. **SSL** [NWZ<sup>+</sup>23, TCDZ19]. **SSL/TLS** [NWZ<sup>+</sup>23, TCDZ19]. **Stack** [AEK<sup>+</sup>16, ARG17, GXG<sup>+</sup>20, GXL<sup>+</sup>23, HZX<sup>+</sup>24, WJZ<sup>+</sup>23, YZP<sup>+</sup>22, ZWCH21, ZLS24b]. **Stacks** [ZWGX22]. **STADS** [Böh18]. **Stage** [GVW24]. **Stages** [LSN<sup>+</sup>23, LSBN24]. **Stale** [KCMS24]. **Stand** [UGKR22]. **Stand-alone** [UGKR22]. **Standard** [WWAC23]. **start** [LWC<sup>+</sup>23]. **State** [ASJA23, EM18, HQM<sup>+</sup>23, MS14, OFS24, PSZ21, QHM<sup>+</sup>23, RWEB19, WB13, Cor00, DBDS94, WJ10]. **State-Aware** [HQM<sup>+</sup>23, QHM<sup>+</sup>23]. **State-Based** [WB13]. **statecharts** [BRG<sup>+</sup>01, HaK92, HN96]. **Stateful** [BPSSA<sup>+</sup>22, SLD<sup>+</sup>13]. **STATEMATE** [HN96]. **Statement** [BC23]. **Statement-Based** [BC23]. **States** [LCZL14]. **Static** [CTC<sup>+</sup>23, CCXZ23, HNRA20, IWY00, KMYK19, LZL<sup>+</sup>23, RD15, RWEB19, RSC<sup>+</sup>24, RM03, VLJ<sup>+</sup>18, WGSD07, ZCZ<sup>+</sup>23, BGH07, FPB<sup>+</sup>05, GSH97, MNGL98, OO92, ZZL<sup>+</sup>06]. **Statically** [CWH<sup>+</sup>21, CCVLW23]. **Statistical** [OBH24, RGCS14, ZNZ<sup>+</sup>23]. **Status** [CYM<sup>+</sup>24, WFF<sup>+</sup>19]. **Step** [BS16, SLB<sup>+</sup>21]. **Stepwise** [EK11]. **Stochastic** [CFL<sup>+</sup>16]. **Storage** [ASJA23, ZWGX22]. **Strategies** [AVAS23, JCSA23, JCNS24, LLJH24]. **strategy** [JW94]. **Stratified** [DPRO23, PMM<sup>+</sup>99]. **StreamGen** [GTD21]. **Streaming** [GTD21]. **strength** [MP09]. **Stress** [DBNG15, MSM<sup>+</sup>24]. **string** [TPT13]. **strings** [KGA<sup>+</sup>12]. **Strong** [AVAS23]. **Structural** [Kip92]. **Structure** [GGH<sup>+</sup>23, GRS<sup>+</sup>16, WB13, RM03]. **Structure-Guided** [GGH<sup>+</sup>23]. **Structured** [Yu23, BP98]. **Structures** [JEB<sup>+</sup>23, KDM17]. **Structuring** [Jac95b]. **Stub** [ZWT<sup>+</sup>24]. **Stubborn** [CPCT21]. **StubCoder** [ZWT<sup>+</sup>24]. **Student** [KBZ<sup>+</sup>24]. **Studies** [Cai20, DAL<sup>+</sup>23, SPAS21, BM07, CD98, HBB<sup>+</sup>09, MFH02]. **Studio** [TLJZ24]. **Study** [AROK21, AMGBK22, BYTS23, BSOM24, BAJA23, CWM<sup>+</sup>20, CCH<sup>+</sup>21, CZSH23, CCY<sup>+</sup>24, CXH23, DKD21, EHEZ21, FAP22, FSM<sup>+</sup>15, GZW<sup>+</sup>23, GGHM24, GLL<sup>+</sup>21, HGC<sup>+</sup>22, HGD<sup>+</sup>23, JEB<sup>+</sup>23, KRM24, KCAS23, KCMS24, KSFC24, LLSM22, LMC24, LASA24, LYB<sup>+</sup>24, LLS<sup>+</sup>21, NXL<sup>+</sup>22, ODE21, OKS<sup>+</sup>16, PORH23, PZS<sup>+</sup>20, PTTB24, RRPW21, RSBP23, RAE<sup>+</sup>24, Rus21, SBBL23, SGHM23, TLJZ24, TTL<sup>+</sup>21, TWB<sup>+</sup>19, UGKR22, VCP<sup>+</sup>23, VLJ<sup>+</sup>18, WYC<sup>+</sup>24, WXF<sup>+</sup>24, XCS<sup>+</sup>22, YZP<sup>+</sup>22, ZTP<sup>+</sup>23, ZOJH21, ZE14, ZHO<sup>+</sup>18, ZA22, ZAL<sup>+</sup>23, ZXZ<sup>+</sup>24, ZMM<sup>+</sup>16, BJMH02, BRR01, BGH07, CF10, GHK<sup>+</sup>01, MB07, MNGL98, PSV01, SMT92, SR05, Tiw08, TBS92, XM08, ZXLC14]. **Studying** [OSD<sup>+</sup>23, SRN<sup>+</sup>24]. **style** [AAG95]. **Subject** [DPB17]. **Suboptimal** [WHP<sup>+</sup>23]. **Subroutine** [LZ24]. **Substantial** [WWAC23]. **Subtle** [ZSWS23]. **Success** [Rus21, Sin10]. **Successful** [JA22]. **Such** [RCAH23]. **Sufficient** [MCB<sup>+</sup>23, OLR<sup>+</sup>96]. **Suggestion** [ODE21, ZLL<sup>+</sup>23]. **Suite** [HLL<sup>+</sup>20, XHL<sup>+</sup>24, Ber94, HGS93, Pet97, REM<sup>+</sup>04, XL20, YTL<sup>+</sup>95]. **Suites** [GGZ<sup>+</sup>15, ZWL<sup>+</sup>24, Mem08]. **Summaries** [CTC<sup>+</sup>23, PXJ17]. **Summarization** [CXH<sup>+</sup>21, DPC<sup>+</sup>24, GGH<sup>+</sup>23, KBZ<sup>+</sup>24, SFC<sup>+</sup>24, ZLP<sup>+</sup>24]. **Super** [AGHC<sup>+</sup>22]. **Super-optimization** [AGHC<sup>+</sup>22]. **Supervised** [LLJH24]. **Supervisors** [WT24a, WT24b, ZXZ<sup>+</sup>24]. **Supply** [GHXZ24]. **Support** [DBNG15, JO15, SURL11, ZCT18, BFN<sup>+</sup>14,



HWH14, MS03, RM03]. **Supporting** [AFPB24, BG98, DR10, MHG24, SMY<sup>+</sup>24, Ham09, MPR06]. **SURE** [SZX<sup>+</sup>24]. **Surprise** [KFY23]. **Surrogate** [BT24]. **Survey** [BUB23, CZH<sup>+</sup>24, GZA24, HGX<sup>+</sup>24a, MFBF<sup>+</sup>22, PKHM22, SFG<sup>+</sup>24, TZZ<sup>+</sup>23, TWS<sup>+</sup>22, XLD<sup>+</sup>24, ZFM<sup>+</sup>24]. **Surveys** [WFF<sup>+</sup>19]. **Sustainability** [BPD<sup>+</sup>24, Cai20]. **Symbolic** [AEK<sup>+</sup>16, BHB16, CPCT21, Esh06, KPC18, LCZL14, RGS12, WCB<sup>+</sup>20, YPRK14, BGL00, CDEG03, QNR13, SMAC08]. **symmetry** [SGE00]. **symmetry-based** [SGE00]. **symposium** [NP08]. **Synchronisation** [AGRR19]. **Synchronization** [YKY<sup>+</sup>23, YXM<sup>+</sup>23]. **Syntactic** [DTC<sup>+</sup>24, ZZF<sup>+</sup>24]. **Syntax** [MLZ<sup>+</sup>24]. **Synthesis** [GBA<sup>+</sup>24, LXW<sup>+</sup>24, XTZ<sup>+</sup>24, MMST14]. **synthesized** [PWX14]. **Synthesizing** [DBPU13, WJ10, XW22, DL13]. **Synthetic** [SMY19]. **SysML** [BFN<sup>+</sup>14]. **System** [AG20, BLX<sup>+</sup>20, BSOM24, CYA22, CCS24, KFY23, LBZ14, PBU16, SSB20, TZZ<sup>+</sup>23, ZA22, ZCT18, BGdV92, CDSM10, IWY00, MMST14, MG00, OHDB92, RVMRM04, TBS92, WME93]. **system-level** [MMST14]. **Systematic** [AMV23, CCS24, HZL<sup>+</sup>24, LCS<sup>+</sup>22, PTTB24, RR23, SBMK21, TG23, VHNF22, WCP<sup>+</sup>22, WCJL23, HBB<sup>+</sup>09, MS03]. **Systematically** [YLM<sup>+</sup>23]. **Systematizing** [HW12]. **SystemC** [YJW<sup>+</sup>20]. **Systems** [AMS<sup>+</sup>18, AGRR19, AMV23, AFHC22, AVY11, AHGZ23, BNB14, BT22, CLL<sup>+</sup>22, CCS24, CWM<sup>+</sup>20, CWM<sup>+</sup>23, CGZ23, DL11, DPB17, DDI22, EKL<sup>+</sup>19, EMM24, FPBS23, FDC<sup>+</sup>21, FCLL21, GCKB<sup>+</sup>24, GGPR24, HAY<sup>+</sup>23, HKA24, KAS20, KSFC24, LKA<sup>+</sup>23, LSN<sup>+</sup>23, LSBN24, LMY<sup>+</sup>24, MPT<sup>+</sup>21, MSM<sup>+</sup>24, MCM24, MFBF<sup>+</sup>22, NWB<sup>+</sup>18, OSD<sup>+</sup>23, PFG<sup>+</sup>24, PSW<sup>+</sup>20, SYA21, SER24, SCZH24, TG11, WI23, XAY23, XTW<sup>+</sup>23, YBZK21, ZTP<sup>+</sup>23, ZHZ<sup>+</sup>21, ZRGT23, ZRT24, BO92, BCD02, Bro93, Cal95, CMP13, CY11, CFM00, CRST12, CDFG96, DFOT07, DJ97, DKM<sup>+</sup>94, DCCN04, FM94, FP02, FS93, GM01, JGB12, Kip92, KK04, LYYC14, MU00, MS94, MRK<sup>+</sup>97, Ost99, ODV<sup>+</sup>09, Pon02, RM03, SLD<sup>+</sup>13, TZZ09, THHB06, WAF00, ZJW03]. **SZZ** [GLH<sup>+</sup>24].

**TACCLE** [CTC01]. **Tactics** [YBZK21]. **Tagger** [WYMW20]. **tailoring** [CF10]. **Taint** [HB22]. **Taken** [LSM23]. **Tale** [FSZ<sup>+</sup>22, KBZ<sup>+</sup>24]. **Taming** [SLB<sup>+</sup>21]. **Target** [KMYK19]. **Task** [DBNG15, BBS16, Dil97, DLSC23, ZSHD20, SCK13, WYM<sup>+</sup>24]. **Task-agnostic** [DLSC23]. **tasking** [Dil93]. **Tasks** [FSP<sup>+</sup>13, MBH<sup>+</sup>17, PLMC23, SWW<sup>+</sup>24, TTL<sup>+</sup>21, WZQL24, XSA<sup>+</sup>24]. **Taxonomy** [RFR23, UFG14]. **TD** [FPR<sup>+</sup>24]. **Team** [MHG24, VR23]. **Teams** [CFL<sup>+</sup>16]. **Technical** [FBK24, GXLG21, GLL<sup>+</sup>21, JA22, PTTB24, RXX<sup>+</sup>19, UKR21, YHG<sup>+</sup>24]. **Technique** [LZL<sup>+</sup>24, KKLS02, RH97, SS06, SB02]. **Techniques** [Bjø19, DPRO23, RD15, BRR01, GHK<sup>+</sup>01, SM12]. **technology** [EAS08]. **telecom** [MC08]. **telecommunication** [Zav04]. **Templates** [CWM<sup>+</sup>20, DTC<sup>+</sup>24, SST24]. **Temporal** [CY11, DDMM22, Pon02, LYYC14, PMS13]. **Tensor** [BSA22, YFD<sup>+</sup>23]. **Term** [VKV03]. **Termination** [TAA<sup>+</sup>19, XFJ<sup>+</sup>24, Dil97]. **Terminology** [MGP<sup>+</sup>22]. **Terms** [WB13]. **Test** [AADB24, Arc19, AG20, AVAS23, BKD<sup>+</sup>23, CMM<sup>+</sup>15, CCW<sup>+</sup>23, DLP<sup>+</sup>24, DPT13, EM15, EMM24, FA14, FSM<sup>+</sup>15, GRS<sup>+</sup>16, GGZ<sup>+</sup>15, GSYT21, GWH<sup>+</sup>24, HZZ<sup>+</sup>14, HLL<sup>+</sup>20, HAB<sup>+</sup>20, HGC<sup>+</sup>22, HGX<sup>+</sup>24a, HBF<sup>+</sup>24, IC14, JS23, JCNS24, KFY24, KB07, LDM<sup>+</sup>24, MPT<sup>+</sup>21, MZA22, MWK15, MGTR18, NAF<sup>+</sup>23, PLP<sup>+</sup>23, RFR23, SYA21, SMBO21, SSB20, SYL<sup>+</sup>23, TLP<sup>+</sup>22, XHL<sup>+</sup>24, XTZ<sup>+</sup>24, XL20, YHXY24, ZA22, ZWL<sup>+</sup>24, ZCH22, ZRT24, Ber94, BRR01, DO93, FK96, FRB<sup>+</sup>06,



GHK<sup>+</sup>01, HGS93, HAB13, Hie02, Hie09, KSD08, Mem08, PWX14, Pet97, RH97, REM<sup>+</sup>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<sup>+</sup>15]. **Testing** [DBNG15, AMV23, AG22, ABC<sup>+</sup>22, BG96, BT22, BT24, Böh18, BK23, CLL<sup>+</sup>22, CWW<sup>+</sup>20, CS22, CWM<sup>+</sup>23, CZH<sup>+</sup>24, CFP<sup>+</sup>24, DPB17, DDS23, FHCY24, FFM24, GJS<sup>+</sup>23, GGPR24, GGGU21, GZA24, GRS<sup>+</sup>24, GHX<sup>+</sup>24, Hie14, HGX<sup>+</sup>24a, HML23, HZB<sup>+</sup>24, HKA24, IRKY24, KFY23, KPC18, LKA<sup>+</sup>23, LCM<sup>+</sup>24, LCT<sup>+</sup>23, LSM23, LZ24, LYB<sup>+</sup>24, MSM<sup>+</sup>24, MCM24, MJS<sup>+</sup>21, MAKM23, MB20, NPB22, NPB24, NL11, NWZ<sup>+</sup>23, OSD<sup>+</sup>23, OSB24, PLP<sup>+</sup>23, PTAB24, PGZ<sup>+</sup>20, RMCT22, SDLC23, SCZH24, SDG<sup>+</sup>24, TZZ<sup>+</sup>23, TCDZ19, TAA<sup>+</sup>19, WLX<sup>+</sup>24, WPB19, WYC<sup>+</sup>24, WSG<sup>+</sup>23, XFS<sup>+</sup>24, XJCC24, YFL<sup>+</sup>24, ZSHD20, ZSWS23, ZLS<sup>+</sup>24a, ZLA<sup>+</sup>24, ZZF<sup>+</sup>24, ZHY24, ZXS<sup>+</sup>24, ZRGT23, Ber94, CTCC98, CTC01, CM08, DRW96, DF94, DSV03, FRB<sup>+</sup>06, Ham09, HAB13, Hie09, JW94, KSD08, Kip92, Kuh99, LY05, MPR<sup>+</sup>13, MBH09, Mem08, MS03, NP08, Off92, OSH04, Pet97, RBL<sup>+</sup>01, REM<sup>+</sup>04, SS06, SM12]. **testing** [TM14, TK02, Wey96, XM08, ZAW92]. **Testing-based** [WSG<sup>+</sup>23, Ham09]. **Tests** [GWD<sup>+</sup>21, PKHM22, SPK14, WC23, ZE14]. **TestSGD** [ZSWS23]. **Text** [HSX<sup>+</sup>24b, MBH<sup>+</sup>17]. **Texts** [DTC<sup>+</sup>24]. **Their** [AMGBK22, WB13, HSC<sup>+</sup>24, MPG<sup>+</sup>13]. **Them** [GRS<sup>+</sup>24, NMA<sup>+</sup>23]. **Theorem** [Yu23]. **theoretic** [YHC13]. **Theoretical** [SZH<sup>+</sup>19, YXK<sup>+</sup>17, XCKX13]. **Theory** [FSP<sup>+</sup>13, RGCS14, VR23, WFF<sup>+</sup>19, HBB<sup>+</sup>09, Ham09, PPP94]. **There** [LTL<sup>+</sup>24, RCAH23, ZWL<sup>+</sup>22]. **Thing** [RCAH23]. **Things** [YBZK21]. **Third** [LWD<sup>+</sup>24]. **Third-Party** [LWD<sup>+</sup>24]. **Thread** [ZWGX22]. **Thread-Local** [ZWGX22]. **Threads** [SZZ<sup>+</sup>24]. **Threats** [AMGBK22, MRO<sup>+</sup>23]. **Three** [BM07, ZMM<sup>+</sup>16, CSC06]. **Time** [GLH<sup>+</sup>24, JHC<sup>+</sup>24, LSN<sup>+</sup>23, LZCC24, NXL<sup>+</sup>22, TLJZ24, TDT<sup>+</sup>22, WWZ<sup>+</sup>22, YFI<sup>+</sup>24, Bro93, Cal95, FM94, FP02, GGLT07, LSBN24, MS94, MRK<sup>+</sup>97, Ost99, Pon02, SLD<sup>+</sup>13, WME93, ZHZ<sup>+</sup>21]. **time-critical** [MS94]. **time-sensitive** [Bro93, Cal95]. **Time-travel** [WWZ<sup>+</sup>22]. **Timed** [ALMS22, BMM<sup>+</sup>17, WAH23, PBCT10, SLD<sup>+</sup>13]. **Timeliness** [WPB19]. **Times** [PORH23]. **Timing** [RNTN<sup>+</sup>24]. **Tiny** [HDKM23]. **Titles** [GXG<sup>+</sup>20]. **TLS** [NWZ<sup>+</sup>23, TCDZ19]. **TLTL** [BLS11]. **TODO** [WGB<sup>+</sup>24]. **Toggle** [MHFW24]. **Token** [HSB<sup>+</sup>23, MRO<sup>+</sup>23]. **TokenAware** [HSB<sup>+</sup>23]. **Too** [DPC<sup>+</sup>24]. **Tool** [CCH<sup>+</sup>24, MNB<sup>+</sup>22, dFLSV14, CSX08, ELN<sup>+</sup>92, MS03, MPF14, YTL<sup>+</sup>95, ZW95]. **Tools** [CL22, FSP<sup>+</sup>13, GLH<sup>+</sup>24, Ham09, SIB23, UGKR22, ZA23, DRW96, Tiw08]. **Topic** [YHG<sup>+</sup>24]. **Topic-informed** [YHG<sup>+</sup>24]. **TopicAns** [YHG<sup>+</sup>24]. **Topics** [AHGZ23, BGO<sup>+</sup>14]. **Topology** [Rob08]. **TOSEM** [Pez23]. **TOTA** [MZ09]. **Toxic** [STDB23]. **ToxiCR** [STDB23]. **Trace** [MWP<sup>+</sup>21, ZLS<sup>+</sup>23, HZZ13]. **Trace-Based** [MWP<sup>+</sup>21]. **Traceability** [BFN<sup>+</sup>14, DFOT07]. **Tracelet** [WMW<sup>+</sup>23]. **Traces** [DDMM22, LYL<sup>+</sup>24, MWP<sup>+</sup>21]. **Tracking** [HB22, DER10]. **Trade** [RAE<sup>+</sup>24]. **Trade-offs** [RAE<sup>+</sup>24]. **Trading** [HE13]. **Trained** [FCG<sup>+</sup>24, GZW<sup>+</sup>23, MLZ<sup>+</sup>24, LLL<sup>+</sup>23, LLT<sup>+</sup>24]. **Training** [BK23, LLZ<sup>+</sup>22, LGC<sup>+</sup>23, JYZ<sup>+</sup>24, LLX<sup>+</sup>24]. **Trait** [PSZ21]. **Transaction** [PORH23]. **Transactional** [MWP<sup>+</sup>21]. **Transactions** [Liu22, ZOJH21]. **Transfer** [HCJ<sup>+</sup>24, KKP<sup>+</sup>22, WYM<sup>+</sup>24].



**Transferability** [TKA24]. **Transferred** [WYM<sup>+</sup>24]. **Transformation** [JYZ<sup>+</sup>24, LKRF22, Rus21, BHL11, CF03, MBH09]. **Transformations** [ASJDW21, AG22, BS16, DGD<sup>+</sup>19, NBMK22, TSPRC18, YHR92]. **Transformer** [FNT<sup>+</sup>24, GGH<sup>+</sup>23, ZXZ<sup>+</sup>24]. **Transformer-A** [ZXZ<sup>+</sup>24]. **Transformers** [HML23]. **Transforming** [MHK11, BHL11]. **transition** [YBL13]. **Transitive** [RSC<sup>+</sup>24]. **Translation** [CLL<sup>+</sup>22, DTC<sup>+</sup>24, SCZH24, TWB<sup>+</sup>19, XJCC24, ZZF<sup>+</sup>24, Zav04]. **transpilation** [RLM<sup>+</sup>24]. **Transplantation** [STGR21]. **travel** [WWZ<sup>+</sup>22]. **traversal** [VKV03]. **Tree** [JWC<sup>+</sup>24, WLS<sup>+</sup>20, ZZF<sup>+</sup>24]. **Trends** [CZH<sup>+</sup>24, TZZ<sup>+</sup>23]. **triage** [AM11]. **Triggering** [ZSL<sup>+</sup>13, FPBS23]. **Triggers** [SLWZ24]. **TRIO** [FM94]. **trustability** [HH95]. **Try** [YCG<sup>+</sup>24]. **tuned** [HSX<sup>+</sup>24b, HXX<sup>+</sup>24]. **Tuning** [CL23a, LLSM22]. **Turnover** [ZLT<sup>+</sup>22]. **Tutorials** [WJZ<sup>+</sup>23]. **TVs** [HDG<sup>+</sup>24]. **Twin** [XAY23]. **Twin-based** [XAY23]. **Twitter** [STS<sup>+</sup>18]. **Two** [FSZ<sup>+</sup>22, GVW24, KBZ<sup>+</sup>24, LYB<sup>+</sup>24, MFH02, WT24a, WT24b, JGB12]. **two-phase** [JGB12]. **Two-Stage** [GVW24]. **Type** [ARL<sup>+</sup>15, GCC<sup>+</sup>24b, KATS12, ODE21, SGD15, BGL00, TD01]. **Type-Based** [ARL<sup>+</sup>15, SGD15]. **type-specific** [BGL00]. **Typed** [HLX<sup>+</sup>24, HCJ<sup>+</sup>24]. **Types** [ASJDW21, SZZ<sup>+</sup>24, SPAK10, SXX<sup>+</sup>24]. **typestate** [FYD<sup>+</sup>08]. **Typing** [CCY<sup>+</sup>24, DG17, DGD<sup>+</sup>19]. **Typing-related** [CCY<sup>+</sup>24].

**UAV** [DZV<sup>+</sup>23]. **UI** [CCX<sup>+</sup>20, CCH<sup>+</sup>21, LSM23]. **Ultra** [DNRN15, LJL<sup>+</sup>20]. **Ultra-Large-Scale** [DNRN15, LJL<sup>+</sup>20]. **UML** [BM13, BMM<sup>+</sup>17, BDL06, Esh06, MFL12, QT12, SGG<sup>+</sup>14, SB06, YBL15]. **UML-B** [SB06]. **Unbounded** [FYW24, JGB12].

**Uncertainty** [BMC<sup>+</sup>23, CYA22, GLH<sup>+</sup>24, HAY<sup>+</sup>23, LKA<sup>+</sup>23, OL22, SBMK21, WPB19, ZZY<sup>+</sup>21, GJ08]. **Uncertainty-Aware** [HAY<sup>+</sup>23, CYA22]. **Uncertainty-wise** [ZZY<sup>+</sup>21]. **Uncovering** [YLM<sup>+</sup>23]. **Understand** [GL11, GRS<sup>+</sup>24, AAG95]. **Understandable** [CZ19]. **Understanding** [ASMP16, CLS<sup>+</sup>23, DLRA15, DKD21, FHCY24, JJW<sup>+</sup>24, KCAS23, KCMS24, LTX19, NWB<sup>+</sup>18, PSMV98, RHV24, RHvB24, TLJZ24, YLM<sup>+</sup>23]. **Undiscovered** [YHXY24]. **Unified** [HZZ<sup>+</sup>14, HMW23, ZS97, MRRR02]. **Unifying** [CST16, RS09]. **UniLoc** [HMW23]. **Uninterpreted** [YLWW24]. **Uniqueness** [WC23]. **Unit** [FA14, FSM<sup>+</sup>15, KSD08, LZ24, MJS<sup>+</sup>21, SPK14, WYC<sup>+</sup>24]. **Unit-level** [KSD08]. **Unitary** [LPH<sup>+</sup>24]. **UNITY** [MR99, PRM01, RMP97]. **Universal** [XFJ<sup>+</sup>24]. **Unknown** [SGR<sup>+</sup>23]. **Unknowns** [HLX<sup>+</sup>23b]. **Unnecessary** [HNRA20]. **Unseen** [HLX<sup>+</sup>24]. **Unsupervised** [HSX<sup>+</sup>24a, PKMY24, YXZ<sup>+</sup>23]. **until** [JGB12]. **Unveiling** [MLZ<sup>+</sup>24, WFW<sup>+</sup>20]. **Update** [JCSA23, LLJH24, NPB22]. **Update-driven** [NPB22]. **Updated** [NPB24]. **Updates** [LTL<sup>+</sup>24]. **Upgrade** [ZZW<sup>+</sup>23]. **upper** [CM08]. **Usage** [DKD21, DLT<sup>+</sup>23, GZW<sup>+</sup>23, KS20, MB20, SST24, UKR21, ZOJH21]. **usages** [MPG<sup>+</sup>13]. **Use** [CDKP21, DGC14, LMY<sup>+</sup>24, SCK13, WCP<sup>+</sup>22, WT24a, WT24b, YZP<sup>+</sup>22, YBL15, DJ97, HBB<sup>+</sup>09, YBL13]. **Used** [CWM<sup>+</sup>20]. **User** [CCH<sup>+</sup>21, DAL<sup>+</sup>23, FHS<sup>+</sup>24, GRS<sup>+</sup>24, GGHM24, BRRP05, LASL13, SMT92]. **Using** [AGR19, BPD<sup>+</sup>24, BBS16, CL22, CBRO16, CWH<sup>+</sup>21, COM24, CFM00, Cor00, CTC<sup>+</sup>23, DLSC23, ETM22, EM15, FHS<sup>+</sup>24, FA14, GSYT21, GVW24, HLL<sup>+</sup>16, HAB<sup>+</sup>20, KFY24, KS22, KMYK19, LKRF22, LD24, MVM07, MGP<sup>+</sup>13, MKS<sup>+</sup>15, NBMK22, OKS<sup>+</sup>16, SYA21, STDB23, SZX<sup>+</sup>24, Wey96,



XM08, XMA<sup>+14</sup>, XTW<sup>+23</sup>, YZP<sup>+22</sup>, ZXZ<sup>+24</sup>, ZCL<sup>+24</sup>, ZHY<sup>24</sup>, ZCZ<sup>+23</sup>, ALMS<sup>22</sup>, CK<sup>99</sup>, CSFB<sup>24</sup>, DFOT<sup>07</sup>, DFG<sup>00</sup>, IWW<sup>00</sup>, KK<sup>04</sup>, LS<sup>13</sup>, LH<sup>08</sup>, ML<sup>00</sup>, PGM<sup>12</sup>, SLWZ<sup>24</sup>, SLD<sup>+13</sup>, TC<sup>20</sup>, UKM<sup>04</sup>, XR<sup>13</sup>, ZW<sup>95</sup>]. **utility** [CSC<sup>06</sup>]. **UTP** [XTW<sup>+23</sup>].

**Valid** [XFS<sup>+24</sup>]. **Validate** [ZE<sup>14</sup>].

**Validating** [FM<sup>94</sup>, MSW<sup>12</sup>]. **Validation**

[AMV<sup>23</sup>, BAJA<sup>23</sup>, CCS<sup>24</sup>, CRST<sup>12</sup>,

FDC<sup>+21</sup>, NWZ<sup>+23</sup>, PDHR<sup>23</sup>, QT<sup>12</sup>,

TCDZ<sup>19</sup>, CW<sup>99</sup>, DBGU<sup>13</sup>]. **Validator**

[CYA<sup>22</sup>]. **Value**

[LM<sup>24</sup>, TDL<sup>+24</sup>, WWY<sup>+23</sup>, FBC<sup>+13</sup>, Hie<sup>06</sup>].

**Value-Flow** [TDL<sup>+24</sup>, WWY<sup>+23</sup>]. **valued**

[CDEG<sup>03</sup>]. **Values** [MA<sup>24</sup>]. **Variability**

[AMS<sup>+18</sup>, VLJ<sup>+18</sup>]. **Variability-Aware**

[VLJ<sup>+18</sup>]. **Variable**

[CST<sup>16</sup>, DLY<sup>+23</sup>, JWC<sup>+24</sup>, MA<sup>24</sup>, ZYL<sup>+23</sup>].

**Variable-based** [JWC<sup>+24</sup>, ZYL<sup>+23</sup>].

**Variables** [GVW<sup>24</sup>]. **Variant** [RKBL<sup>19</sup>].

**Variant-rich** [RKBL<sup>19</sup>]. **variants** [Jéz<sup>99</sup>].

**Variation** [EW<sup>11</sup>, SPAS<sup>21</sup>, PSMV<sup>98</sup>].

**Variational** [KFY<sup>24</sup>]. **Various** [GZW<sup>+23</sup>].

**Vehicles** [GKKH<sup>24</sup>, NA<sup>24</sup>]. **Verdict**

[Hie<sup>09</sup>]. **Verification**

[ASJDW<sup>21</sup>, AGRR<sup>19</sup>, AMV<sup>23</sup>, BCGB<sup>21</sup>,

BMM<sup>+17</sup>, BLS<sup>11</sup>, BDD<sup>+22</sup>, CCS<sup>24</sup>, CSV<sup>13</sup>,

CH<sup>21</sup>, DDI<sup>22</sup>, EWS<sup>14</sup>, FDC<sup>+21</sup>, GXSC<sup>21</sup>,

GSC<sup>24</sup>, GBA<sup>+24</sup>, HGW<sup>+16</sup>, LKR<sup>22</sup>, LD<sup>24</sup>,

Liu<sup>22</sup>, LXS<sup>+24</sup>, NBB<sup>15</sup>, QT<sup>12</sup>, RBPG<sup>23</sup>,

YXX<sup>+23</sup>, BGL<sup>00</sup>, CDSM<sup>10</sup>, CY<sup>11</sup>, DSV<sup>03</sup>,

FGL<sup>+12</sup>, FGMP<sup>03</sup>, FYD<sup>+08</sup>, FC<sup>00</sup>, MPF<sup>14</sup>,

SGE<sup>00</sup>, WME<sup>93</sup>]. **Verified** [AFY<sup>+22</sup>].

**Verifix** [AFY<sup>+22</sup>]. **verify** [SMAC<sup>08</sup>].

**Verifying**

[CJM<sup>00</sup>, GZSW<sup>19</sup>, DCCN<sup>04</sup>, SLD<sup>+13</sup>].

**Version** [ARG<sup>17</sup>]. **versioning** [ZS<sup>97</sup>].

**Versions** [VCF<sup>21</sup>]. **versus**

[CL<sup>23b</sup>, EMM<sup>24</sup>]. **Very** [LM<sup>24</sup>]. **via**

[BGO<sup>+14</sup>, CS<sup>22</sup>, CCW<sup>+23</sup>, CCXZ<sup>23</sup>, DDI<sup>22</sup>,

DJJL<sup>24</sup>, FCLL<sup>21</sup>, GWD<sup>+21</sup>, GXLG<sup>21</sup>,

GWH<sup>+24</sup>, HML<sup>23</sup>, HSX<sup>+24b</sup>, JYZ<sup>+24</sup>,

JWC<sup>+24</sup>, KAS<sup>20</sup>, KJHY<sup>22</sup>, LLLM<sup>23</sup>,

LPH<sup>+24</sup>, LXW<sup>+24</sup>, LZCC<sup>24</sup>, NA<sup>24</sup>,

PWX<sup>14</sup>, PLP<sup>+23</sup>, PWB<sup>23</sup>, RNTN<sup>+24</sup>,

SMY<sup>19</sup>, TDL<sup>+24</sup>, TWB<sup>+19</sup>, WCB<sup>+20</sup>,

WWY<sup>+23</sup>, XLW<sup>+22</sup>, YXX<sup>+23</sup>, YHL<sup>+22</sup>,

YFL<sup>+24</sup>, ZAW<sup>92</sup>, ZZF<sup>+24</sup>, ZSW<sup>+22</sup>,

ZMC<sup>+24</sup>, ZZW<sup>+23</sup>]. **Video** [NMA<sup>+23</sup>].

**View** [FPR<sup>+24</sup>]. **Views** [DL<sup>13</sup>, Jac<sup>95b</sup>].

**Violation** [ZZL<sup>+24</sup>, LYCY<sup>14</sup>]. **Violations**

[MWP<sup>+21</sup>, MM<sup>13</sup>]. **Virtual** [BFFG<sup>19</sup>,

BKD<sup>+23</sup>, KRM<sup>24</sup>, DHW<sup>98</sup>, Pon<sup>02</sup>]. **Vision**

[FNT<sup>+24</sup>]. **Visual** [ABC<sup>+22</sup>, CDP<sup>04</sup>, Dil<sup>93</sup>,

KSD<sup>08</sup>, MG<sup>00</sup>, TLJZ<sup>24</sup>]. **Visualization**

[KKP<sup>+22</sup>, BG<sup>98</sup>]. **Visualized** [SZX<sup>+24</sup>].

**Visualizing** [BLX<sup>+20</sup>]. **VM** [LSX<sup>+24</sup>].

**Voice** [FHS<sup>+24</sup>, GRS<sup>+24</sup>]. **vs** [SRTR<sup>17</sup>].

**Vulnerabilities** [ACSA<sup>23</sup>, CSB<sup>+24</sup>,

CWH<sup>+21</sup>, ISI<sup>+24</sup>, MS<sup>14</sup>, SBBL<sup>23</sup>, ZXZ<sup>+24</sup>].

**Vulnerability** [CZW<sup>+24</sup>, FNT<sup>+24</sup>,

GWD<sup>+21</sup>, GYY<sup>+24</sup>, GCX<sup>+22</sup>, HSC<sup>+24</sup>,

JJW<sup>+24</sup>, NLT<sup>+24</sup>, SLWZ<sup>24</sup>, SXX<sup>+24</sup>,

SZZ<sup>+23</sup>, YXX<sup>+23</sup>, YND<sup>+24</sup>, YXM<sup>+23</sup>,

YXZ<sup>+23</sup>, ZMC<sup>+24</sup>, ZZX<sup>+21</sup>]. **Vulnerable**

[BLS<sup>+23</sup>].

**warehouses** [BCC<sup>+01</sup>]. **Wasted** [KCAS<sup>23</sup>].

**Way** [BXX<sup>+24</sup>, DPRO<sup>23</sup>, RKBL<sup>19</sup>].

**WCET** [LSN<sup>+23</sup>, LSBN<sup>24</sup>]. **Weak**

[FDB<sup>+12</sup>]. **Weakly** [LSBN<sup>24</sup>]. **Web**

[ZBA<sup>23</sup>, LASL<sup>13</sup>, BM<sup>07</sup>, BCFM<sup>06</sup>, BPT<sup>10</sup>,

CGPP<sup>15</sup>, NAF<sup>+23</sup>, NBB<sup>15</sup>, SURL<sup>11</sup>,

YXM<sup>+23</sup>, ZL<sup>13</sup>]. **web-centred** [LASL<sup>13</sup>].

**WebAssembly** [ZCW<sup>+24</sup>]. **Weighted**

[CL<sup>23b</sup>, HGW<sup>+16</sup>]. **Weights** [CL<sup>23b</sup>]. **Well**

[RHV<sup>24</sup>, RHvB<sup>24</sup>, SURL<sup>11</sup>, TC<sup>20</sup>, ZWCH<sup>21</sup>].

**Well-Being** [RHV<sup>24</sup>, RHvB<sup>24</sup>].

**Well-Formed** [TC<sup>20</sup>]. **while** [MHG<sup>24</sup>].

**White** [AZG<sup>24</sup>, ZAL<sup>+23</sup>, CTCC<sup>98</sup>].

**White-Box** [AZG<sup>24</sup>, ZAL<sup>+23</sup>]. **Who**

[STS<sup>+18</sup>]. **Whole** [SLB<sup>+21</sup>, YLM<sup>+23</sup>].

**Whole-program** [SLB<sup>+21</sup>]. **Wild**

[AFHC<sup>22</sup>, DLT<sup>+23</sup>, TWB<sup>+19</sup>]. **Wireframe**

[CCX<sup>+20</sup>]. **Wireframe-based** [CCX<sup>+20</sup>].

**wise** [PLP<sup>+23</sup>, ZZY<sup>+21</sup>]. **within** [DHW<sup>98</sup>].

**Witnesses** [BDD<sup>+22</sup>]. **Women** [TWS<sup>+22</sup>].



**Word**[ETM22, SRTR17, XJCC24, KGA<sup>+</sup>12].**WordPress** [LSH23]. **Words** [LXL<sup>+</sup>22].**Work** [CXH<sup>+</sup>21]. **Workarounds** [CGPP15].**workflow** [CY11, LYC14]. **Workflows**[HDKM23, OFS24]. **Working**[DAL<sup>+</sup>23, FSZ<sup>+</sup>22, MKR<sup>+</sup>23]. **World**[YHXY24, MCKG24, Sin10]. **Worlds**[TLL<sup>+</sup>23]. **Wrapper** [THHB06].**Wrapper-based** [THHB06]. **Wybe**[Ano02]. **WYSIWYT** [FRB<sup>+</sup>06].**X.509** [NWZ<sup>+</sup>23]. **XCode** [LLZ<sup>+</sup>22]. **XCoS**[WPX<sup>+</sup>23]. **XP** [CF10]. **XPIs** [SGR<sup>+</sup>10].**Year** [Pez23, Pez24c, RHV24, RHvB24].**Years** [PDHR23].

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Gao:2021:BTP

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