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z [LCZL14].

-Equivalent [LCZL14].

2002 [Ano02]. **2013** [HP15].

Abbreviated [SRTR17]. **Abstract** [XMA⁺14, Jac95a, Pon02]. **Abstracting** [Gun00]. **Abstraction** [AEK⁺16, CF03, Egy02]. **abstractions** [BG98, DBGU13]. **access** [BDL06]. **accommodates** [YHR92]. **Accounting** [SM12]. **Achieving** [BJMH02, HAB13, LBZ14]. **Acknowledgement** [ACM05]. **ACM** [NP08]. **across** [CSV13]. **action** [HN98]. **Active** [MS15]. **activity** [Esh06]. **activitycharts** [BRG⁺01]. **Ada** [Dil93, Dil97, DBDS94, YTL⁺95]. **ADAM** [GL14]. **adapt** [DPT13]. **Adaptation** [SEM17]. **Adaptive** [BS16, DR11, HWH14, VTA04]. **Addendum** [HT98]. **Address** [Zav04]. **Adequacy** [GRS⁺16, KSD08]. **Adequate** [GGZ⁺15]. **adopting** [SAB⁺14]. **against** [EWS14, IC14]. **agents** [MPR06]. **aggregator** [BPT10]. **agile** [CF10]. **AI** [OHDB92]. **AI-based** [OHDB92]. **aided** [SB06]. **algebra** [ZB13]. **algebraic** [HRD08, PPP94]. **algebras** [BCD02]. **algorithm** [BS07, YHR92]. **Algorithms** [DBNG15, ARL⁺15, HT17, HT98, HVT98, KK93]. **aliasing** [FYD⁺08]. **alignment**

[UFG14]. **alloy** [FPB⁺05, MPF14, Jac02]. **Alphabet** [FDB⁺12]. **Alternatives** [KDM17]. **Amoeba** [DCS09]. **among** [GL11]. **Amplifying** [ZE14]. **Analyses** [CST16, LS13]. **Analysis** [AMS⁺18, AEK⁺16, CFL⁺16, DG17, LCZL14, DDGR18, PBCT10, SEM17, SGD15, YXK⁺17, YBL15, BP98, BGO⁺14, CS12, CK96, CK99, Cor00, CSX08, DRW96, Dev99, DBDS94, DCCN04, For94, GL14, GM01, GSH97, HKMB⁺14, Hie06, HH95, HZZ13, HT98, HVT98, HN98, LH08, LH02, MRR05, NP08, OO92, PTY95, PGM12, RM03, Rob08, SGG⁺14, Sne96, SRK06, TPT13, WP93, XCKX13, YTL⁺95, YBL13, FPGA07, MVM07]. **analyze** [CFM00]. **analyzing** [DFG00]. **Android** [GHM18]. **annotation** [KATS12]. **annotation-based** [KATS12]. **Annotations** [IC14]. **announcement** [SPAK10]. **answering** [KM10]. **Apache** [MFH02]. **API** [ARG17]. **APIs** [SPK14]. **APPL** [SHO95]. **APPL/A** [SHO95]. **Application** [DBDS94, MFLL12, MS15, ZE14, LH02]. **Applications** [CGPP15, DG17, KAT12, MBH⁺17, NBB15, BM07, BCFM06, CPPRM03, CDP04, GGLT07, MZ09, MGMM11, PWX14, PBCT10, SS06, WGSD07, XM07]. **Applying** [FLM⁺98]. **Approach** [BZSW14, BMM⁺17, DL11, HZZ⁺14, MFLL12, LDUD13, YBL13, ZSL⁺13, CTCC98, CRST12, CPPRM03, DFB99a, DFB99b, DvdHT05, DPT13, DF94, FK96, FPB⁺05, Hen97, LASL13, MZ09, OHDB92, QRLV12, TD01, ZZL⁺06]. **approaches** [YHC13]. **approximation** [JGB12]. **APTL** [WME93]. **Architecting** [BCD02]. **Architectural** [MFLL12, AG97, AG98, LWF03, RVMRM04]. **Architecture** [BNB14, HWH14, AAG95, BCC92, DvdHT05, GL14]. **Architecture-centric** [HWH14]. **Architecture-Level** [BNB14]. **architectures** [MRRR02]. **Aria** [DRW96]. **Array** [NKWF14]. **artifact** [DFOT07]. **ASM** [BZSW14]. **Aspect** [Jac95a, DR10, HE13, KF07, RS09, SGR⁺10]. **aspect-** [RS09]. **aspect-oriented** [DR10, HE13, SGR⁺10]. **AspectJ** [HZS08, MHK11]. **aspects** [BTI14]. **Assembly** [AM04]. **Assessing** [ACF97, RST⁺14, VBZ⁺18]. **Assessment** [CMM⁺15, GJ08, PJRR10, SR05, Wey96]. **assigned** [BHL11]. **assistance** [GN93]. **assume** [CAC08]. **assume-guarantee** [CAC08]. **Assumptions** [HGW⁺16, IWY00]. **ASTOOT** [DF94]. **aToucan** [YBL15]. **Attacks** [EWS14]. **attribute** [KK93]. **attributes** [GL14]. **Augmenting** [DPB17]. **Author** [Ano96, TAW95]. **Automated** [Egy02, FA14, FSM⁺15, GM01, GN93, HJL96, JO15, MS14, TM14, WB13, YBL15, BGO⁺14, CS12, CAC08, FN03, FRB⁺06, TBS92, XM07, XM08]. **Automatic** [CGPP15, CF03, DSV03, BRRP05, DO93]. **Automatically** [CMM⁺15, Mem08, LS13]. **Automaton** [EM18]. **Avoiding** [Hie06]. **Aware** [KAT12, MS15, DFB99a, DFB99b, MGMM11]. **B** [SB06]. **back** [Not13]. **Based** [AB12, ARL⁺15, ASMP16, BMM⁺17, DDE11, GGZ⁺15, OKS⁺16, SGD15, WB13, YXK⁺17, BGdV92, BCTW96, CMP13, CDSM10, CY11, Cia93, CMCP⁺99, CPPRM03, CW98, DBGU13, DBPU13, Ham09, HAB13, KATS12, KKLS02, Kip92, KK04, Kuh99, LY05, LH08, MMST14, Mem08, MB07, MS03, MG00, MPF14, NLR11, PBO07, QNR13, SS06, SGE00, SB02, Sne96, TZZ09, TPT13, THHB06, TD01, TK02, UKM04, WAF00, XM07, XCKX13, YHC13, OHDB92]. **Baseline** [WOM15]. **basis** [AG97, AG98]. **Bayesian** [PLM15]. **BDD** [LH08]. **BDD-based** [LH08]. **Behavior** [FDB⁺12, DDGR18, SS02, DBGU13, LK14,

MG00, PP93, UKM04].
Behavior-consistent [SS02]. **behaviors** [IWY00]. **benefits** [LH08, MC08]. **between** [Gum00]. **Bilevel** [SKBD14]. **BIP** [ABB⁺18]. **black** [CTCC98]. **Bloat** [NWB⁺18, XMA⁺14]. **Boa** [DNRN15]. **Boolean** [CCX11, KB07]. **bound** [CM08]. **Boundaries** [CSV13]. **boundary** [Hie06]. **Bounded** [PMS13]. **Brain** [VBZ⁺18]. **Breaking** [CAC08]. **Brutus** [CJM00]. **Bug** [LRCS14, AM11, CSX08]. **Bugs** [AMS⁺18, ZSL⁺13, Jac95a]. **Building** [ELN⁺92, KKLS02]. **Business** [LDUD13, DCS09, ODV⁺09].

C [DLRA15, SRTR17]. **C/C** [DLRA15]. **Calculus** [EW11, DSV03]. **Call** [ARL⁺15, ARG17, MNGL98]. **calls** [BHR95, MM13]. **capabilities** [TS09]. **capability** [Kuh99, TK02]. **Case** [EM15, HZZ⁺14, OKS⁺16, YBL15, ZMM⁺16, BJMH02, CD98, DO93, HAB13, MFH02, PSV01, SCK13, TBS92, YBL13]. **Cases** [CMM⁺15, IC14]. **Causing** [NL11]. **centered** [ACF97, CDFG96]. **Centralised** [Hie14]. **centred** [LASL13]. **centric** [HWH14]. **chaining** [FK96]. **Change** [YQTR15]. **Changes** [DR11, DPB17, PSV01]. **Channel** [EWS14]. **characteristics** [CF10, SM12]. **Charts** [RGS12]. **checker** [SGE00]. **Checking** [BHB16, CK99, EBE⁺14, DDGR18, dFLSV14, BS07, BRRP05, BGL00, CDEG03, Esh06, FM94, FGMP03, HJL96, IWY00, JGB12, KATS12, KF07, NEFE03, PBO07, PMS13, SGL12, SMAC08, WGS07, XCCY10]. **checkpoint** [CY11]. **Choice** [EW11]. **class** [BM13, CTCC98, CTC01, CCX11, Egy02, LY05, PPP94, ZXLC14]. **class-level** [CTCC98]. **Classes** [AB12, GRT09, HRD08, KB07, Kuh99, Pon02, Tiw08, TK02]. **classification** [DFB99a, DFB99b]. **Classifying** [OSH04]. **cleanroom** [TBS92]. **Clematis** [ASMP16].

Client [MS14]. **Client-State** [MS14]. **Clone** [DER10]. **cluster** [CTC01]. **co** [VD13]. **co-installability** [VD13]. **coarse** [BRR01]. **coarse-** [BRR01]. **Code** [DNRN15, HZBS14, MB15, OKS⁺16, PLM15, SKBD14, SGR⁺15, SRTR17, SURL11, SED14, ZE14, Dev99, DER10, FMMH⁺14, MPG⁺13, PRM01, RM07, SGG⁺14]. **Code-Smell** [SKBD14]. **Coded** [IC14]. **Cohesion** [AB12, CBRO16, CSC06, KK04, MB07]. **coincidental** [Hie06, MA14]. **collaboration** [Sin10, SB02]. **collaboration-based** [SB02]. **collaborations** [HWH14]. **collection** [TM14]. **Combating** [NWB⁺18]. **Combinatorial** [NL11]. **Combining** [DBNG15, Hie14, SMAC08, XZZL18]. **Comments** [Bre95, Pet97]. **Commercial** [ZMM⁺16]. **Commitments** [EBE⁺14]. **communicating** [Bro93]. **Communities** [ZMM⁺16]. **Community** [DR15]. **comparative** [BRR01]. **Comparing** [Hie02, YHC13, XM07]. **Comparison** [WB13]. **Comparisons** [GGZ⁺15]. **Competitiveness** [YXK⁺17]. **Compiler** [MHK11, DFG00]. **Completion** [PLM15]. **Complex** [BS16]. **Component** [SEM17, BCC92, CMP13, Ham09, IWY00, VD13]. **component-based** [CMP13]. **components** [BO92, CFM00, DFB99a, DFB99b, ZW97]. **Composing** [BLW09]. **Composite** [BGL00, KDM17]. **Composition** [Ost99, Ham09, REM⁺04, ZJ93]. **Compositional** [HGW⁺16, CK96, CK99]. **Comprehensibility** [SGR⁺15, SGG⁺14]. **Comprehension** [MTRK14, RST⁺14, OSH04]. **comprehensive** [DvdHT05]. **Computing** [OHDB92, EF05, FGL⁺12, MZ09, RMP97, XCCY10]. **Concept** [PGM12, Sne96]. **Concepts** [DG17, MG00, SGL12]. **Conceptual** [QT12, TZZ09]. **Concerns** [MVM07, RM07]. **Concurrency** [MQLR16, ZSL⁺13, DL13, YTL⁺95].

concurrent [Cor00, DKM⁺94, DCCN04, HZZ13, MRK⁺97, PTY95]. **Conditional** [EBE⁺14]. **conditions** [KB07, SRK06]. **Conference** [MP14]. **Configurable** [AMS⁺18]. **Configuration** [BNB14, ELvdH⁺05, Gun00, Jéz99]. **configurations** [Sne96]. **Configuring** [XZZL18]. **conflict** [FN03]. **conformance** [Ber94, LK14, PBO07, Pet97]. **confounding** [ZXLC14]. **Conjunction** [ZJ93]. **ConMem** [ZSL⁺13]. **connection** [AG97, AG98]. **connectors** [LWF03]. **Consistency** [SEM17, HJL96, NEFE03, PBO07, XCCY10]. **consistent** [SS02]. **Consolidation** [LDUD13]. **constrained** [BM13]. **Constraint** [DBNG15, XCCY10]. **Constraints** [MWK15, QT12, SGD15, CY11, CK96, OO92]. **constructing** [Hen97]. **Construction** [ARL⁺15]. **container** [XR13]. **containing** [CFM00]. **Context** [CK96, KAT12, KGA⁺12, LH08, XCCY10, vdBV96]. **Context-Aware** [KAT12]. **context-free** [KGA⁺12, vdBV96]. **context-sensitive** [LH08]. **Continuous** [BZSW14]. **Contracts** [YQTR15]. **Control** [BHB16, BDL06, DL13, MMST14, MU00, SHR01, TBS92]. **Controlled** [FSM⁺15, BFN⁺14]. **controllers** [DBPU13]. **controlling** [HGS93]. **cookie** [TM14]. **cooperative** [HE13]. **Coordinating** [Cia93]. **coordination** [CFM00, MU00, MPR06, Tiw08]. **CORBA** [CPRM03]. **CORBA-based** [CPRM03]. **corners** [ZJ97]. **correctness** [Hie06, MA14]. **Correlations** [GL11]. **correspondence** [CW99]. **Corrigenda** [DFB99a]. **Cost** [CST16, ATW94, Bre95, REM⁺04, Wey96]. **cost-effective** [REM⁺04]. **Cost-Effectiveness** [CST16]. **Countermeasures** [EWS14]. **Coupling** [CBRO16, KK04, MB07, Off92]. **Coverage** [GRS⁺16, GGZ⁺15, MWK15, YHC13]. **Coverage-Based** [GGZ⁺15, YHC13]. **CPU** [MPR⁺13]. **Crash** [ZSL⁺13]. **Crash-Triggering** [ZSL⁺13]. **Crasher** [CSX08]. **Criteria** [MWK15, OKS⁺16, Hie02, KSD08]. **critical** [GM01, MS94]. **Cross** [ZYL⁺18, DCS09]. **cross-organizational** [DCS09]. **Cross-Project** [ZYL⁺18]. **crosscutting** [SGL12, MVM07]. **cryptographic** [DFG00]. **CSCW** [KAT12]. **CSP** [SLD⁺13]. **customizable** [Dev99]. **cycles** [SS02].

Dahl [Ano02]. **dark** [ZJ97]. **DARWIN** [QRLV12]. **Data** [BHB16, DPB17, KDM17, NWB⁺18, NBB15, BCC⁺01, BG98, CW98, FK96, For94, OSH04, TZZ09, WGG13]. **Data-Intensive** [NWB⁺18]. **Database** [MWK15, CF03, PWX14, WGS07]. **dataflow** [KSD08]. **David** [Ros13b]. **DC** [GRS⁺16]. **Deadlines** [DBNG15]. **Deadlock** [ABB⁺18, DBDS94]. **Debugging** [CMM⁺15, FSP⁺13, JO15, MQLR16, AM04, HRD08, OSH04, QRLV12]. **decentralized** [ML00]. **Deciding** [SGD15]. **Decision** [HGW⁺16]. **decisions** [AM11]. **decoupling** [BTI14]. **deduction** [FS93]. **deductive** [GM01]. **Defect** [ZYL⁺18, SM12]. **Defects** [AVY11]. **Degree** [FMMH⁺14]. **Degree-of-knowledge** [FMMH⁺14]. **Delta** [HT98, HVT98]. **Dependence** [PXJ17, Dil97, SHR01, SRK06]. **dependences** [Jac95a, OSH04]. **dependencies** [BGO⁺14, Gun00, Rob08]. **Dependency** [SEM17, CY11, GL14]. **dependency-based** [CY11]. **dependency-driven** [GL14]. **Deployed** [AVY11]. **depth** [ZXLC14]. **Derive** [YBL15, XM08]. **derived** [IWY00]. **description** [DvdHT05, DJ97]. **descriptions** [AAG95, BAD08, WJ10]. **descriptors** [DER10]. **Desert** [Rei99]. **Design** [BPT10, EK11, DDGR18, MFLL12, SGR⁺15, BM07, BO92, BRRP05, BFN⁺14, CSC06, CR94, FBC⁺13, FP02, GGLT07, LL00, MRK⁺97, RS09, SS06, SB06, SGR⁺10, YTL⁺95, ZB13]. **Design-Pattern**

[SGR⁺15]. **Designing** [BCC⁺01, DL11, XM07, CPPRM03]. **designs** [SB02]. **Detecting** [AVY11, DDGR18, MM13, ZSL⁺13, Jac95a, LS13]. **Detection** [GHM18, LRCS14, MS14, RD15, SKBD14, XMA⁺14, ZAW92, FN03, Kuh99, SMT92, TK02, XR13]. **determination** [OLR⁺96]. **deterministic** [HT17]. **developer** [CF10, FMMH⁺14, Sin10]. **Developing** [HRD08, ZJW03, MGMM11]. **Development** [CFL⁺16, MS15, AM11, DvdHT05, EAS08, ELN⁺92, GJ08, KK93, MFH02, PSV01, SCK13, Tiw08]. **development-oriented** [AM11]. **deviations** [CDFG96]. **diagnosis** [NLR11]. **diagram** [BP05]. **diagrams** [BM13, Egy02, Esh06, LK14]. **DiaPro** [CST16]. **Differential** [MQLR16]. **DIG** [NKWF14]. **Digraphs** [EM15]. **Dijkstra** [Ano02]. **Directed** [YPRK14]. **discipline** [KLV05]. **Discovering** [CW98, GL11]. **Discovery** [SPK14, GL14]. **discrete** [Ost99]. **Distinguishing** [HT17]. **Distributed** [Hie14, TG11, WME93, KK93, MU00]. **distribution** [TS09]. **diversity** [HAB13]. **Do** [CMM⁺15, LYC14, SURL11, CAC08]. **documentation** [TBS92]. **Documenting** [SGR⁺15]. **documents** [SMT92]. **Does** [FSM⁺15]. **Domain** [HZS08, ZE14, BJMH02, BAD08, Hie09, JW94, SS06, ZAW92]. **Domain-specific** [HZS08, BJMH02, SS06]. **domain-testing** [JW94]. **domains** [Hie02]. **Double** [For94]. **Driven** [DG17, PVHW17, BDL06, GL14]. **DSD** [CSX08]. **DSD-Crasher** [CSX08]. **duplication** [DER10]. **DynAlloy** [FPGA07]. **Dynamic** [CST16, DDGR18, NKWF14, PXJ17, XMA⁺14, CY11, DR10, FC00, FPB⁺05, GSH97, PJRR10]. **dynamically** [WGSD07]. **Dynamite** [MPF14]. **E3** [JPL98]. **Early** [KDM17]. **Easier** [CMM⁺15]. **editing** [BGdV92]. **Editorial** [DR15, GMRS03, Ghe05, Ghe07, Not07a, Not07b, Not07c, Not08a, Not08b, Not09, Not10, Not12, Not13, OGKW05, Ros13a, Ros14c, Ros14a, Ros14b, Ros16, Ros17, Ros18]. **Edsger** [Ano02]. **Effect** [GRS⁺16, HZBS14, RST⁺14, ZSL⁺13, Off92, Sin10, ZXLC14]. **Effect-Oriented** [ZSL⁺13]. **Effective** [FYD⁺08, RD15, CF10, Hen97, REM⁺04]. **Effectiveness** [CST16, CMM⁺15, GRS⁺16, MWK15, CM08]. **Efficiency** [CMM⁺15, LH02]. **Efficient** [AVY11, FPGA07, SRK06, dFLSV14, RH97]. **Efficiently** [DL11]. **Effort** [WOM15, AM11, BM07, GJ08, MY13]. **elaboration** [UKM04]. **Eliciting** [JPL98]. **Embedded** [BNB14, MFLL12, GGLT07]. **Emergent** [LBZ14]. **Empirical** [FSM⁺15, MBH09, YXK⁺17, ZHO⁺18, BM07, BGH07, GHK⁺01, HT98, HVT98, MB07, MC08, MNGL98, SR05, Tiw08]. **emulators** [MPR⁺13]. **enabled** [VTA04]. **Enabledness** [DBGU13]. **Enabledness-based** [DBGU13]. **end** [Dev99, LASL13]. **end-user** [LASL13]. **Engineering** [DG17, DL11, DR15, MBH⁺17, MP14, OKS⁺16, ACF97, CDP04, ELvdH⁺05, KLV05, LASL13, RSB05, SR05, TBS92, UFG14, ZJ97]. **engineers** [HBB⁺09]. **Engines** [SURL11]. **enhanced** [SS06]. **Enhancing** [TS09]. **Enough** [CBRO16]. **Ensuring** [SEM17]. **environment** [ATW94, Bre95, FGMP03, Kli93, MRK⁺97, Rei99, RVMRM04, SN92, TY92]. **environments** [ACF97, DHW98, ELN⁺92, KK93, Kli93, MGP⁺13, PJRR10, PWD⁺99]. **equations** [BRG⁺01, KGA⁺12]. **Equivalence** [LH02, DSV03]. **Equivalent** [LCZL14]. **Errata** [AG98]. **error** [Kuh99, TK02]. **errors** [TD01, ZAW92]. **ESP** [Cia93]. **estimates** [GJ08]. **Estimating** [MB15, PBU16, BM07].

Estimation

[PMM⁺99, WOM15, MY13, TZZ09].
evaluate [MGP⁺13]. **Evaluating**
 [LH08, WGG13]. **Evaluation**
 [FA14, KDM17, MS15, CAC08, DBDS94,
 KK93, MBH09, XCKX13]. **evaluations**
 [SM12]. **Event** [ASMP16, BCTW96, CW98,
 DBPU13, Mem08]. **Event-Based**
 [ASMP16, BCTW96, CW98, DBPU13].
every [LYYC14]. **Evolution** [DR11, RM03,
 RVMRM04, SN92, THHB06, WGG13].
Evolutionary [HLL⁺16, Hen97, MBH09].
evolvability [CS12]. **evolving**
 [DCS09, QRLV12]. **EvoSuite** [FA14]. **Exact**
 [HKMB⁺14]. **Examination** [ZYL⁺18].
Examples [BS16]. **Exception**
 [CMP13, ZE14, RM03]. **Executables**
 [AEK⁺16]. **Execution**
 [YPRK14, AM04, Dil93, DHW98, SMAC08].
Executions [EM18]. **experience**
 [CMCP⁺99, YTL⁺95]. **experiment**
 [BFN⁺14]. **Experimental** [CMM⁺15,
 DO93, DBDS94, OLR⁺96, SMT92].
Experiments [SGR⁺15, Ham09, YBL13].
expert [CF10, Kip92]. **Explicit** [BHB16].
Explicit-Data [BHB16]. **Exploiting**
 [CGPP15]. **exploration** [QNR13].
Explorations [PBU16]. **Exposing** [LBZ14].
expressions [KGA⁺12]. **Expressive**
 [TG11, BLW09, WJ10]. **Extended**
 [EM15, EM18, ZE14, LY05]. **extensibility**
 [BJMH02]. **Extensible** [TG11]. **External**
 [GL14]. **Extracting** [KM10]. **extraction**
 [MN96]. **extractors** [MNGL98].

faceted [DFB99a, DFB99b]. **Facilitating**
 [YBL13]. **factors** [SAB⁺14]. **factory**
 [BCC92, FLM⁺98]. **Failure** [NL11, Wey96].
Failure-Causing [NL11]. **Failures** [JO15].
families [BCD02]. **Family**
 [GHM18, SGR⁺15]. **Fan** [MVM07]. **Fan-In**
 [MVM07]. **Far** [ZYL⁺18]. **Fault**
 [Kuh99, YHC13, YXK⁺17, CCX11, Hie02,
 Hie09, KB07, LY05, MA14, SMT92, TK02,

XCKX13, ZXLC14]. **Faults**
 [HZBS14, SRTR17, LS13]. **Feasibility**
 [EK11]. **Feature**
 [FN03, HLL⁺16, ZS97, ZZZ⁺06]. **features**
 [DR10, Zav04]. **feedback** [GJ08]. **Field**
 [DPB17, JO15]. **finding** [CSX08]. **fine**
 [BRR01, DL13]. **fine-grained**
 [BRR01, DL13]. **Finite**
 [BM13, EM18, Cor00]. **Finite-State**
 [EM18, Cor00]. **First** [DR15]. **Fixing**
 [SRTR17]. **FlagRemover** [BHL11]. **flags**
 [BHL11]. **Flexible** [NEFE03, BTI14]. **Flow**
 [DCCN04, For94]. **flow-sensitive** [For94].
flows [MP09]. **Foraging** [FSP⁺13]. **Formal**
 [BP05, CR94, EWS14, AG97, AG98,
 BRRP05, BKM07, CS12, CMCP⁺99,
 CRST12, CPPRM03, FP02, MMST14,
 PGM12, SCK13, VTA04, SB06].
Formalizing
 [AAG95, CD98, BP98, CDFG96]. **formally**
 [CMCP⁺99]. **formatters** [vdBV96].
formulas [XCKX13]. **forward** [Ros13a].
foundation [SCK13]. **Foundations** [KF07].
Four [ZJ97, CD98]. **frames** [KK04].
Framework [AEK⁺16, DR11, KAT12,
 MS15, YBL15, BCTW96, CDP04, CDFG96,
 Dev99, For94, MS03, SGL12, WGG13]. **free**
 [KGA⁺12, vdBV96]. **Freedom** [ABB⁺18].
front [Dev99]. **front-end-retargetable**
 [Dev99]. **FSMs** [HT17]. **Full** [SRTR17].
Full-Word [SRTR17]. **Functional**
 [Bro93, GD08, RST⁺14, MGP⁺13].
functions [Hie09, MPG⁺13, VKV03].

Gaia [DL11, ZJW03]. **Gaia-PL** [DL11].
general [CCX11]. **Generated**
 [CMM⁺15, LS13, WGSD07]. **Generating**
 [ARG17, DRW96, HT17, IC14, Kli93].
Generation [FA14, FSM⁺15, vdBV96,
 EF05, FK96, FRB⁺06, HZS08, PWX14].
Generative [KAT12]. **Generator**
 [NKWF14, DO93]. **generic** [LL00]. **Genetic**
 [DBNG15, YXK⁺17]. **GENOA** [Dev99].
Global [ABB⁺18, CFL⁺16]. **Goals**

[BBS16, DBPU13]. **governed** [MU00]. **GQM** [FLM⁺98]. **grained** [BRR01, DL13]. **grammars** [KGA⁺12]. **grammarware** [KLV05]. **Graph** [ARL⁺15, PTY95, MNGL98]. **graphical** [DKM⁺94, MRK⁺97]. **graphs** [SRK06]. **GreASE** [dFLSV14]. **growth** [JMS08]. **guarantee** [CAC08]. **GUI** [Mem08, XM07, XM08]. **GUI-based** [XM07]. **Guided** [PWX14]. **Guidelines** [GGZ⁺15].

HAMPI [KGA⁺12]. **handle** [LYYC14]. **handlers** [CMP13]. **Handling** [ZE14]. **hard** [CAC08]. **healing** [CMP13]. **Help** [FSM⁺15]. **heterogeneous** [MU00]. **Heuristic** [ZHO⁺18]. **Hierarchical** [YWC16, BO92, SLD⁺13, WJ10]. **hierarchies** [CCX11]. **hierarchy** [BM13, DFB99a, DFB99b, LY05]. **hierarchy-aware** [DFB99a, DFB99b]. **high** [CF03]. **high-quality** [CF03]. **Higher** [LWF03]. **Higher-order** [LWF03]. **Highly** [AMS⁺18]. **History** [ARG17, FM94]. **history-checking** [FM94]. **hosts** [MPR06]. **HOTTest** [SS06]. **Human** [YXK⁺17, CDFG96]. **human-centered** [CDFG96]. **Hybrid** [GSH97, ZMM⁺16, CRST12, CSX08]. **Hybridized** [BBS16]. **Hyper** [ZHO⁺18]. **Hyper-Heuristic** [ZHO⁺18]. **hypotheses** [Hie02, Hie09].

ICSE [MP14]. **Identification** [GHM18]. **Identifier** [SRTR17]. **Identifying** [MVM07]. **III** [MKS⁺15]. **Impact** [CST16, ELvdH⁺05, PVHW17, Tiw08, EAS08, MA14, RSB05, SGG⁺14]. **Impact-Driven** [PVHW17]. **Implementation** [KDM17, BO92, BPT10, LH08, SB02]. **implementing** [CDP04]. **implicit** [SPAK10]. **implied** [UKM04]. **Improved** [CST16]. **improvement** [SR05]. **Improving** [BGO⁺14, DPT13, GJ08, LH02]. **in-depth** [ZXLC14]. **inconsistencies** [CDFG96, GZ05]. **inconsistent** [HN98]. **Incremental** [DPB17, UKM04, YPRK14, KK93, KF07]. **incrementally** [KKLS02]. **Index** [Ano96, TPT13]. **index-sensitive** [TPT13]. **inductive** [BG96]. **Industrial** [OKS⁺16, CMCP⁺99, FLM⁺98, SR05]. **Inference** [NBB15]. **Inferring** [EM18, MG00]. **Inflow** [ZMM⁺16]. **influence** [Sin10]. **Information** [FSP⁺13, DFOT07, FBC⁺13, GSH97, MP09, PGM12, TZZ09, THHB06, Wey96, YHC13]. **information-theoretic** [YHC13]. **infrastructures** [BDL06]. **inheritance** [KKLS02]. **inheritance-based** [KKLS02]. **inner** [SAB⁺14]. **inspections** [BFN⁺14, PSMV98]. **installability** [VD13]. **Instances** [SGR⁺15]. **instruction** [AM04]. **Integer** [DLRA15]. **integrated** [CTCC98, ELN⁺92, PWD⁺99, SCK13]. **Integrating** [FRB⁺06, GSH97]. **integration** [BCTW96, BHR95, SN92, YHR92]. **Integrity** [MWK15]. **Intellectual** [CSV13]. **Intelligent** [PLM15]. **Intensive** [NWB⁺18]. **Inter** [SEM17]. **Inter-** [SEM17]. **Interacting** [GRT09]. **Interaction** [AB12, MU00]. **Interaction-Based** [AB12]. **Interactions** [ASMP16, PWX14]. **interchangeability** [DPT13]. **interface** [CL94]. **Interfaces** [IC14, BRRP05, BTI14]. **international** [NP08, MP14]. **interpretation** [CSC06]. **interpreters** [BP05]. **Interprocedural** [OO92, SHR01, For94]. **interval** [CDSM10, DKM⁺94]. **interval-based** [CDSM10]. **Intra** [SEM17]. **Intra-Component** [SEM17]. **Intrinsic** [CGPP15]. **Introduction** [HP15, MP14, NP08]. **Invariant** [NKWF14]. **Invariants** [NKWF14]. **investigating** [HBB⁺09]. **Investigation** [LRCS14, MC08].

Investigations [Off92]. **invocation** [SPAK10]. **Involvement** [ZMM⁺16]. **IP** [MR99]. **ISSTA** [NP08, HP15]. **Issue** [HP15, MP14]. **items** [Gun00]. **iterative** [For94].

J [TS09]. **J-Orchestra** [TS09]. **Java** [BS07, Cor00, HRD08, KM10, MRR05, RD15, SRTR17, TS09, XR13]. **JavaScript** [ASMP16]. **Johan** [Ano02]. **Join** [BTI14]. **Journal** [DR15]. **Journal-First** [DR15]. **Journey** [ZYL⁺18].

KBSE [DJ97]. **Key** [SAB⁺14]. **knowledge** [FMMH⁺14, KK04, MG00]. **knowledge-based** [KK04, MG00]. **Kristen** [Ano02].

label [ML00]. **Language** [WB13, BGdV92, CL94, CFM00, GZ05, JPL98, SHO95, TY92, WAF00, MRRR02]. **language-based** [BGdV92, WAF00]. **languages** [BJMH02, BHR95, CDSM10, DvdHT05, HZS08, KSD08, RSB05, vdBV96]. **Larch** [CL94]. **Larch/Smalltalk** [CL94]. **Large** [BNB14, DNRN15, FA14, MC08, PSV01]. **Large-Scale** [BNB14, FA14, PSV01]. **latent** [BGO⁺14]. **Lattice** [DDE11]. **Lattice-Based** [DDE11]. **Law** [MU00]. **Law-governed** [MU00]. **laws** [LSV08]. **layers** [SB02]. **lazy** [FC00]. **leak** [XR13]. **Learning** [BS16, HGW⁺16, MS15, BG96, MY13]. **legacy** [THHB06]. **Less** [PBU16]. **Level** [BNB14, AM04, CTCC98, KSD08, MMST14, Sin10]. **levels** [CTC01]. **lexical** [MN96]. **libraries** [ZW95]. **library** [OHDB92]. **life** [SS02]. **Lightweight** [GHM18, MN96, Jac02]. **LIME** [MPR06]. **Line** [DL11]. **linear** [ZAW92]. **Lines** [XZZL18, BJMH02, KATS12, MPG⁺13]. **linking** [FC00]. **links** [DFOT07]. **liveness** [DBPU13, SGE00]. **Local** [ABB⁺18].

Localisation [YXK⁺17]. **localization** [MA14, XCKX13, YHC13]. **locating** [TD01]. **location** [PGM12, ZZL⁺06]. **Logic** [BMM⁺17, DKM⁺94, PMS13, TPT13, ZS97]. **Logic-Based** [BMM⁺17]. **logical** [FGL⁺12, MS94]. **logics** [DJ97]. **looking** [Not13, Ros13a]. **loop** [BHL11]. **loop-assigned** [BHL11]. **Loops** [RD15]. **LSCs** [MHK11]. **LTL** [BLS11].

machines [WJ10]. **macro** [Sin10]. **macro-level** [Sin10]. **Mae** [RVMRM04]. **Maintainability** [KDM17]. **majority** [MM13]. **Make** [CMM⁺15]. **Malware** [GHM18]. **Managed** [NWB⁺18]. **management** [DFOT07, ELvdH⁺05, Jéz99]. **Managing** [HN98, RVMRM04]. **Manipulation** [MS14, BG98]. **Many** [HLL⁺16, MKS⁺15, XZZL18]. **Many-Objective** [HLL⁺16, MKS⁺15, XZZL18]. **Markov** [HGW⁺16, WP93]. **Marple** [LS13]. **marts** [BCC⁺01]. **matching** [ZW95, ZW97]. **Math** [SPK14]. **mathematical** [Sne96]. **MC** [GRS⁺16]. **MC/DC** [GRS⁺16]. **MDD** [MGP⁺13]. **means** [BG96]. **measurement** [GD08, MGP⁺13]. **Measuring** [MP09, CW99]. **mechanism** [MU00, WAF00]. **memoriam** [Ros13b]. **Memory** [AEK⁺16, NWB⁺18, XR13]. **Merging** [FDB⁺12, LDUD13]. **Message** [RGS12, CR94]. **Meta** [ZHO⁺18, Kli93, HZS08]. **Meta-** [ZHO⁺18]. **meta-AspectJ** [HZS08]. **meta-environment** [Kli93]. **metalocking** [BS07]. **Metamodel** [PBO07]. **Metamodel-based** [PBO07]. **Method** [AB12, CF10, BRRP05, MG00, MM13]. **Method-Method** [AB12]. **Methodology** [LBZ14, CTC01, DCS09, FGL⁺12, FRB⁺06, HGS93, KSD08, MPR⁺13, MGMM11, RBL⁺01, SCK13, ZJW03]. **Methods** [VBZ⁺18, CMCP⁺99, DFOT07, DBDS94]. **Metric** [AB12, PMS13]. **metrics**

[CSC06, KK04, MSW12, MB07].
middleware [EAS08, MPR06, VTA04].
Migration [SPK14]. **millions** [MPG⁺13].
Minimal [NL11]. **Mining**
 [BBS16, DNRN15, SPK14]. **missing**
 [MM13]. **mitigation** [MA14]. **Mixin** [SB02].
Mobile [RMP97, ZE14, CFM00, FGMP03,
 FC00, MZ09, MR99, PRM01]. **mobility**
 [MPR06, PRM01]. **Mockups** [RST⁺14].
Model [BS16, BDL06, BS07, BHB16, DG17,
 EBE⁺14, GRS⁺16, DDGR18, MMST14,
 NBB15, PVHW17, LDUD13, WOM15,
 BKM07, BGL00, CS12, Cal95, CDEG03,
 CW99, Dil93, Esh06, FGMP03, HAB13,
 JGB12, KF07, LL00, MS03, MN96, MPR06,
 ML00, NLR11, PBO07, RVMRM04, SMAC08,
 SS06, SGE00, TZZ09, VTA04, XM08].
Model-based
 [MMST14, HAB13, MS03, SS06, TZZ09].
model-checking
 [BGL00, CDEG03, FGMP03, KF07].
Model-Driven [DG17]. **Modeling**
 [BRG⁺01, FMMH⁺14, MFLL12, MR99,
 MRRR02, SLD⁺13, BCFM06, BAD08,
 CDP04, DCS09, DHW98, PWD⁺99, SB06].
Modelling [BZSW14, DGC14, Jac02].
Models [BMM⁺17, EM18, FDB⁺12,
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 CMCP⁺99, CW98, Cor00, JPL98, MGP⁺13,
 MG00, MPF14, ODV⁺09, PTY95, SGG⁺14,
 SCK13, UKM04, YBL13]. **modern** [RSB05].
modifiability [SGG⁺14]. **Modular**
 [SGR⁺10, DvdHT05, FC00]. **modularity**
 [CS12, HE13, SPAK10]. **modularization**
 [BGO⁺14]. **monadic** [TPT13]. **Monitoring**
 [DDE11]. **motivations** [HBB⁺09]. **Mozilla**
 [MFH02]. **Multi**
 [BS16, CDEG03, OKS⁺16, ZHO⁺18].
Multi-Criteria [OKS⁺16].
Multi-Objective [ZHO⁺18]. **Multi-Step**
 [BS16]. **Multi-valued** [CDEG03].
Multiagent [DL11, ZJW03].
Multidimensional [GL11]. **Multilevel**
 [DGC14]. **Multimodal** [MHK11].

multinational [Tiw08]. **multiobjective**
 [MY13]. **Multitolerant** [EK11]. **multiuser**
 [KK93]. **multiview** [PBO07]. **mutant**
 [OLR⁺96].

Names [SRTR17]. **natural** [GZ05]. **need**
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 [PLM15, Sin10]. **next** [HKMB⁺14]. **Non**
 [GGZ⁺15, HT17]. **Non-Adequate**
 [GGZ⁺15]. **Non-deterministic** [HT17].
nonanomalous [DBPU13].
Nonequivalence [dFLSV14].
noninteractive [ZZL⁺06].
noninterference [DFG00]. **notation**
 [FP02, Jac02]. **notations** [BP05, CDP04].
Notkin [Ros13b]. **NSGA** [MKS⁺15].
NSGA-III [MKS⁺15]. **numerical**
 [SMAC08]. **Nygaard** [Ano02].

Obfuscation [GHM18].
Obfuscation-Resilient [GHM18].
Obituary [Ano02]. **Object**
 [AB12, MS94, TG11, Cal95, CTCC98,
 CTC01, CSC06, DFB99a, DF94, Jac02,
 MRR05, RS09, RM03, SS02, SB02].
Object-Oriented
 [AB12, MS94, CTCC98, CTC01, CSC06,
 DFB99a, DF94, RS09, RM03, SB02].
objected [DFB99b]. **objected-oriented**
 [DFB99b]. **Objective**
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obliviousness [HE13]. **OBSERV** [TY92].
Observable [HT17]. **observational**
 [PSV01]. **OCL** [QT12]. **Ole** [Ano02].
Ole-Johan [Ano02]. **Open**
 [RGCS14, MFH02, Sin10]. **Open-Source**
 [RGCS14, Sin10]. **operators** [OLR⁺96].
opinion [CF10]. **Optimal** [HLL⁺16].
Optimization [HLL⁺16, XZZL18]. **oracles**
 [XM07]. **Orchestra** [TS09]. **Order**
 [SGD15, LWF03, TPT13]. **organizational**
 [DCS09]. **Oriented** [AB12, ZSL⁺13, AM11,
 CTCC98, CTC01, CSC06, DFB99a, DFB99b,
 DF94, DR10, FGL⁺12, HE13, MS94,

ODV⁺09, RS09, RM03, SB02, SGR⁺10].
OSS [ZMM⁺16]. **outcome** [GJ08]. **output** [KM10, QNR13]. **Overflow** [ARG17, DLRA15]. **overlapping** [HaK92].

Pacemaker [BZSW14]. **Pan** [BGdV92].
Parallel [HT17, KK93, PSV01, RD15, SMAC08].
Parameter [TG11]. **parameterization** [BAD08]. **Parameterized** [MRR05].
Parameters [RGCS14]. **Part** [ELN⁺92].
Partial [FDB⁺12, PBU16, SGD15, XCCY10].
Partial-Order [SGD15]. **Passing** [TG11].
Path [DDE11, QNR13, SGD15, TPT13, LS13, SRK06]. **Path-** [TPT13].
Path-Sensitive [SGD15]. **Paths** [YWC16].
Pattern [SGR⁺15]. **Patterns** [DDGR18, ZB13]. **Peer** [RGCS14].
Performance [CFL⁺16, Tiw08].
Personalized [ZL13]. **Perspective** [FSP⁺13]. **pervasive** [MZ09, XCCY10].
phase [JGB12]. **philosophies** [MSW12].
pilot [XM08]. **PL** [DL11]. **Place** [MS15].
Place-Aware [MS15]. **Planning** [ZHO⁺18].
Platys [MS15]. **point** [BTI14]. **pointers** [OSH04]. **points** [LH08, MRR05]. **points-to** [LH08, MRR05]. **Policies** [BBS16, BLW09].
Polychronous [GGLT07]. **Polynomial** [NKWF14]. **Portfolio** [MPG⁺13]. **Post** [JMS08]. **Post-release** [JMS08]. **Posteriori** [DG17]. **Posts** [ARG17]. **potentially** [ZXLC14]. **Power** [LSV08]. **practice** [ELvdH⁺05]. **pragmatic** [HW12]. **Precise** [AB12, LRCS14, XR13]. **Predicting** [MBH⁺17]. **Prediction** [ZL13, ZYL⁺18, ZXLC14]. **Predictive** [LRCS14, HZZ13]. **preliminary** [YTL⁺95].
presence [FYD⁺08, FC00, Hie02, OSH04].
preserving [YHR92]. **Prevalence** [MA14].
PRIME [PWD⁺99, MGMM11].
Prioritization [EM15, HZZ⁺14, YHC13].
Privacy [BBS16, ML00]. **Probabilistic** [EM18, PBU16, JGB12]. **Problem** [SKBD14, HKMB⁺14, MY13]. **procedure** [BHR95, MGP⁺13]. **Process** [BCFM06, PVHW17, LDUD13, ACF97, BCD02, BAD08, CW99, DHW98, GRT09, JPL98, ODV⁺09, PWD⁺99, SR05, SHO95].
process-centered [ACF97].
process-integrated [PWD⁺99].
process-oriented [ODV⁺09]. **Processes** [HGW⁺16, Cia93, CW98, DCS09, FGMP03].
processing [ATW94, Bre95]. **Product** [DL11, HLL⁺16, XZZL18, BJMH02, KATS12, MC08]. **product-lines** [BJMH02].
production [TBS92]. **products** [JMS08].
profiling [XR13]. **Program** [BHR95, GRS⁺16, MTRK14, YWC16, BG96, BGH07, BG98, DBGU13, EF05, GN93, HZS08, KM10, LH02, OSH04, YHR92].
Programming [DBNG15, KAT12, MZ09, YXK⁺17, HE13, Kli93, RSB05, SHO95].
Programs [EK11, IC14, CTCC98, CF03, Cor00, DF94, FC00, HZZ13, MP09, PTY95, QRLV12, SMAC08, TS09, YTL⁺95].
Progressed [ZYL⁺18]. **Project** [ZYL⁺18, Sin10]. **Projections** [MQLR16].
Projects [RGCS14, ZMM⁺16]. **Proof** [FC00]. **proofs** [KKLS02]. **Properties** [LBZ14, CK99, DCCN04, FPB⁺05, JGB12, Sin10, SGE00]. **Property** [CSV13, DDE11, NBB15]. **Protecting** [ML00]. **protocol** [Ber94, Pet97]. **protocols** [CJM00, DFG00, PBCT10]. **prototyping** [TY92]. **provenance** [MGMM11].
provenance-aware [MGMM11].
Publication [DR15]. **purely** [FPB⁺05].
PVS [MPF14].

QoS [VTA04]. **QoS-enabled** [VTA04].
Qualitative [AMS⁺18]. **Quality** [MBH⁺17, CF03, GL14, MGP⁺13].
quantitatively [CW99]. **queries** [WGSD07]. **Query** [MBH⁺17, PJRR10, WGG13]. **questions** [KM10]. **QVM** [AVY11].

Race [RD15]. **rationale** [FBC⁺13, YTL⁺95]. **reachability** [CK96, CK99, PTY95]. **reactive** [FS93]. **real** [Cal95, FM94, FP02, GGLT07, MRK⁺97, Ost99, Pon02, SLD⁺13, WME93]. **real-time** [Cal95, FM94, FP02, GGLT07, MRK⁺97, Ost99, Pon02, SLD⁺13, WME93]. **Really** [FSM⁺15]. **Reasoning** [EBE⁺14, FPB⁺05, GZ05, PRM01, CAC08, HN98, RMP97, VTA04]. **Recommenders** [AM11]. **Recommending** [DR11]. **recompilation** [ATW94, Bre95]. **Recomposition** [BBS16]. **Reconciling** [SN92]. **Recovering** [DFOT07]. **reduce** [Cor00]. **reduced** [Ber94, Pet97]. **Reducing** [AM11]. **reduction** [DBDS94]. **Redundancy** [CGPP15, HZZ13]. **Reengineering** [Sne96, CF03]. **Refactoring** [FSP⁺13, OKS⁺16, VBZ⁺18, SGL12]. **referees** [ACM05]. **reference** [BCC92]. **refinement** [Ost99]. **refinements** [SB02]. **reflective** [LL00]. **region** [DER10]. **regression** [BRR01, GHK⁺01, Mem08, RH97, REM⁺04]. **regular** [KGA⁺12]. **Regulatory** [GL11]. **Reifying** [Jéz99]. **reimplementation** [CF03]. **Relatedness** [MB15]. **Relational** [MWK15, FPB⁺05]. **Release** [ZHO⁺18, HKMB⁺14, JMS08]. **relevant** [MPG⁺13]. **Reliability** [ZL13, JMS08, PMM⁺99, Wey96]. **Remodularization** [CBRO16, MKS⁺15]. **Removing** [LCZL14, HZZ13]. **Repair** [NBB15, PVHW17]. **repairing** [Mem08]. **report** [AM11]. **repositories** [Hen97]. **Repository** [DNRN15]. **Representation** [EW11]. **representations** [BGL00]. **Representing** [RM07, DER10]. **Reproducing** [JO15]. **Required** [LK14]. **Requirements** [DPB17, GL11, RST⁺14, CRST12, CD98, GM01, GZ05, HJL96, SMT92, SR05, UFG14, ZJ97]. **research** [EAS08, ELvdH⁺05, RSB05]. **Residual** [LRCS14]. **Resilient** [GHM18]. **response** [TAW95]. **restructuring** [BG98, GN93]. **results** [DO93, PJRR10]. **retargetable** [Dev99]. **Retention** [ZMM⁺16]. **Retrieval** [MBH⁺17, SURL11, DFOT07, PGM12]. **Retrieving** [PP93]. **reusable** [BO92, PP93]. **Reuse** [FSP⁺13, EF05, Hen97, HW12, MC08, OHDB92]. **reverse** [AM04]. **Review** [RGCS14, HBB⁺09]. **Reviewers** [ACM03]. **revisit** [CCX11]. **revisited** [GD08]. **Rewards** [PBU16]. **rewriting** [VKV03]. **Risk** [GL11, LBZ14, XCKX13]. **role** [GJ08]. **router** [CR94]. **rule** [Cia93, Kip92, MM13]. **rule-based** [Cia93, Kip92]. **Rules** [ARG17, MFL12, KK04]. **Runtime** [AVY11, BLS11, XMA⁺14, BLW09]. **safe** [BRR01, BTI14, RH97]. **safety** [BFN⁺14, CK99, SGE00, SRK06]. **SAFKASI** [WAF00]. **Sampling** [DDE11, PP93, PMM⁺99]. **SAT** [XZZL18]. **satisfiability** [BM13, PMS13]. **Sator** [BPT10]. **Scala** [ARL⁺15]. **Scalable** [XMA⁺14, BRRP05, HKMB⁺14, HAB13]. **Scale** [BNB14, DNRN15, FA14, PSV01]. **Scaling** [HZZ13, LCZL14]. **scenario** [UKM04, WJ10]. **scenario-based** [UKM04]. **Scenarios** [MHK11, UKM04]. **Schedule** [MQLR16]. **Schema** [MWK15, NL11]. **Schemas** [QT12]. **scientific** [CY11, EF05, LYCY14]. **Screen** [RST⁺14]. **Search** [BS16, OKS⁺16, SURL11, SED14, ZHO⁺18]. **Search-Based** [OKS⁺16]. **Searching** [MPG⁺13]. **second** [TPT13]. **second-order** [TPT13]. **section** [NP08]. **security** [BDL06, BLW09, CJM00, WAF00]. **segments** [LS13]. **Selection** [HLL⁺16, BRR01, CY11, GHK⁺01, RH97]. **selective** [ATW94, Bre95]. **self** [PJRR10]. **self-assessment** [PJRR10]. **Semantic** [BAD08, MB15, PJRR10, MG00]. **Semantics** [LK14, HN96, YHR92]. **semantics-preserving** [YHR92]. **Sensing**

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